

**Statistical Bulletin  
Number 01/00**

**GCSE/GNVQ and GCE A/AS Level  
Performance of Candidates  
attempting two or more GCE A Levels  
or AS equivalents in 1998/99**

**March 2000**

# GCSE/GNVQ AND GCE A/AS LEVEL PERFORMANCE OF CANDIDATES ATTEMPTING TWO OR MORE GCE A LEVELS OR AS EQUIVALENTS IN 1998/99: SCHOOLS AND FE SECTOR COLLEGES IN ENGLAND

## Introduction

1 This bulletin provides a comparison of the GCE A/AS level performance of 17 year old students taking at least 2 GCE A levels or AS equivalents in, or before, 1998/99 with their GCSE/GNVQ performance in that year or earlier. It updates by one academic year the information given in Statistical Bulletin 1/99, published in March 1999. Full details of the coverage of the tables and the definition of terms used are given at the end of the text.

2 This is the first year that GNVQ point scores have been added to the GCSE point score to give a GCSE/GNVQ point score per entry. GNVQs were first reported in the 1996/97 academic year and continue to be an increasingly popular option for 15 year old students. For details of how GNVQ point scores have been calculated and added to GCSE point scores per entry refer to paragraphs 21 and 22.

3 The national information given in the annex to this bulletin presents the range of aggregate GCE A/AS grades achieved by students according to their GCSE/GNVQ attainments. This information provides one basis for setting initial cumulative GCE A/AS performance targets against which the school or college can monitor individual students' progress throughout their GCE A/AS courses. These "target grades" can then be reviewed in the light of progress to help each student evaluate their performance. A full description of how this might be achieved is given in 'GCSE to GCE A/AS Value Added – Briefing for Schools and Colleges' published in June 1995, copies of which are available from the DfEE Publications Centre (Tel: 0845 602 2260) on request. The structure of the charts in this bulletin are identical to the presentation of value-added between Key Stage 1 – Key Stage 2, Key Stage 2 – Key Stage 3 and Key Stage 3 – GCSE/GNVQ published last October by the Department, OFSTED and Qualifications Curriculum Authority in the 'Autumn Package'.

4 Subject charts for English, mathematics, physics, chemistry and biological sciences have been included in the annex for the first time this year. Charts for an additional fifteen subjects are available along with the electronic version of this document at the DfEE's website; <http://www.dfes.gov.uk/news/spn/spn.htm>

## Key Points

5 The main points identified in this bulletin are:

- there continues to be a strong positive association between prior GCSE/GNVQ performance and GCE A/AS level scores (paragraph 7).
- candidates with similar levels of performance at GCSE/GNVQ achieved a wide range of GCE A/AS level scores (paragraphs 7 to 9).

- differences in the GCE A/AS level scores of candidates from different types of establishments mainly reflected the differences in the candidates' performance at GCSE/GNVQ, although some differences still remain when the comparison is focused on candidates with a similar level of achievement at GCSE/GNVQ (paragraphs 11 to 13).
- females with above average GCSE/GNVQ scores tended to achieve lower GCE A/AS level grades than similarly qualified males (paragraph 18).
- candidates with below average GCSE/GNVQ performance tended to achieve higher GCE A/AS level grades if their subject specialisation was in non-science subjects (paragraphs 14 to 17).

## All candidates

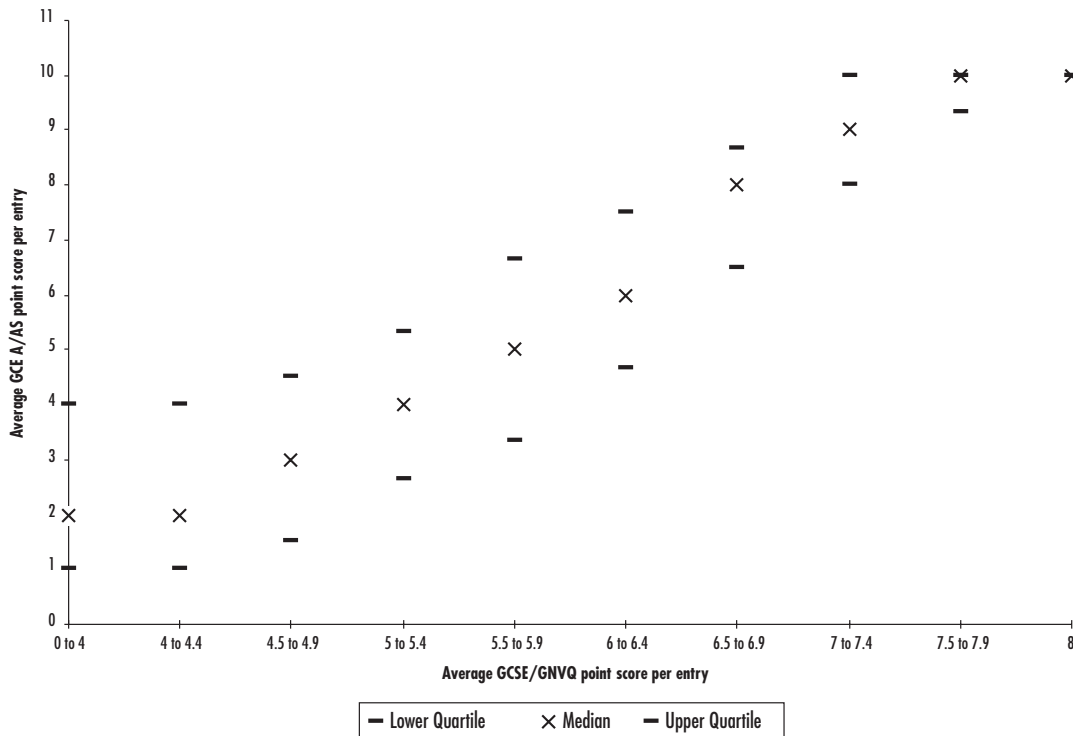
6 In total just over 178,500 candidates aged 17 had taken at least 2 GCE A/AS level examinations, excluding general studies, by the end of 1998/99 (this figure excludes 3,100 candidates for whom no GCSE/GNVQ scores could be identified). Of these, 21 per cent had achieved a score of 25 or over, the equivalent of an A and two B grades or better. In contrast, 23 per cent achieved a score of less than 10, the equivalent of an E and two D grades, or a D and a C grade.

7 There is a strong link (table 1) between a candidate's GCE A/AS level score and their average GCSE/GNVQ score per entry. For example, 50 per cent of candidates (89,272) had an average GCSE/GNVQ score per entry of 6 or above (an average of grade B or better), and of these, 39 per cent achieved a GCE A/AS level score of 25 or over, and 5 per cent scored less than 10 points. In contrast, 5,749 (3%) achieved an average GCSE/GNVQ point score per entry of less than 4.5 and of these candidates, 76 per cent achieved fewer than 10 GCE A/AS points and only just over half of 1 per cent achieved 25 GCE A/AS points or more.

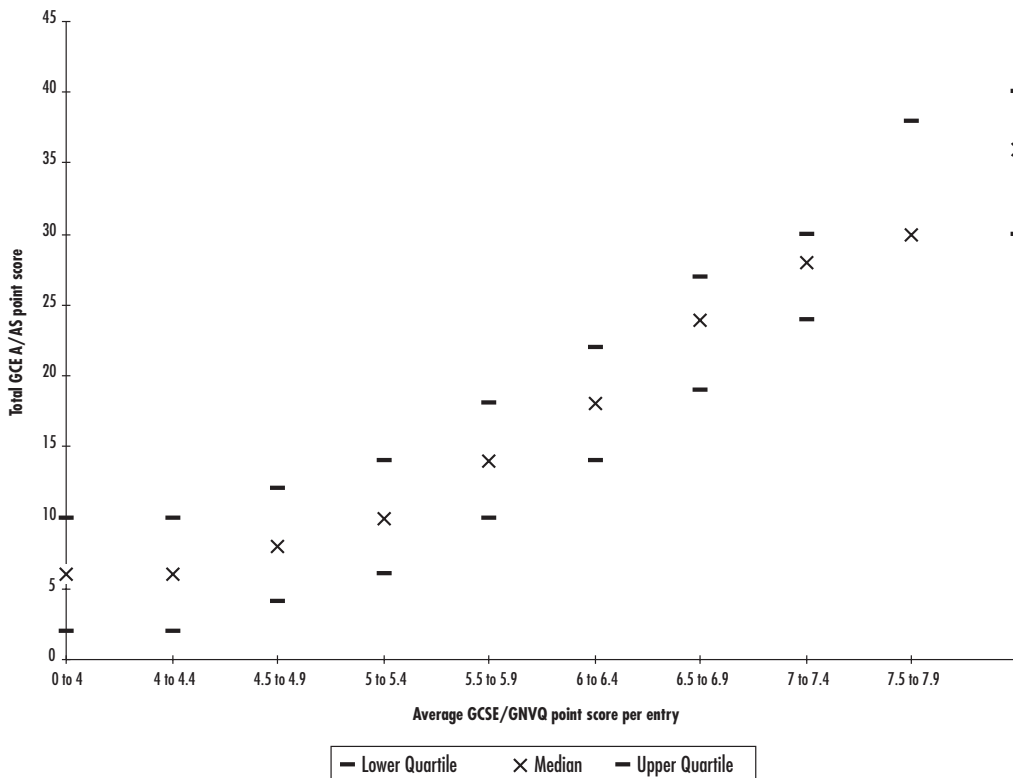
8 The relationship between GCSE/GNVQ and GCE A/AS level scores is illustrated in chart A, which shows the median and upper and lower quartiles of the distribution of average GCE A/AS score per entry for candidates in each range of average GCSE/GNVQ score per entry. For example, among the candidates with an average GCSE/GNVQ score of between 4 and 4.4, half achieved an average GCE A/AS score per entry of 2 or more and a quarter achieved an average GCE A/AS score per entry of 4 or more. For candidates with an average GCSE/GNVQ score of between 6.5 and 6.9 (14% of candidates), half achieved an average GCE A/AS score per entry of 8 or more and a quarter achieved an average GCE A/AS score per entry of 8.7 (between an A and a B grade at GCE A level).

9 Chart A1 shows the same information but for total GCE A/AS point score rather than average GCE A/AS point score per entry. For example, of those candidates with an average GCSE/GNVQ score per entry of between 4 and 4.4, half achieved a GCE A/AS score of 6 or more

**CHART A:** Average GCE A/AS score per entry by average GCSE/GNVQ score per entry for candidates attempting 2 or more GCE A/AS (excluding general studies) – all establishments



**CHART A1:** Total GCE A/AS point score by average GCSE/GNVQ point score per entry for candidates attempting 2 or more GCE A/AS (excluding general studies) – all establishments



and a quarter achieved a GCE A/AS score of 10 or more. For those candidates with an average GCSE/GNVQ score per entry of between 6.5 and 6.9, half achieved a GCE A/AS score of 24 or more and a quarter a score of 27 or more.

**10** The inclusion or exclusion of general studies can have significant effects on the comparison of an individual's and an institution's total GCE A/AS point

score with the national average, as discussed in the Technical Annex to 'GCSE to GCE A/AS Value Added' published in June 1995. Institutions that offer general studies will tend to achieve, other things being equal, a better value added using the total GCE A/AS point score measure than those not offering this subject. For the purposes of this bulletin, any GCE A/AS level attempts and passes in general studies are excluded.

### Candidates from different types of institution

**11** Some 72% (127,626) of candidates aged 17 were recorded as studying in schools and 28% (50,753) of candidates in Further Education sector colleges. Comparisons of each of these groups' performance at GCSE/GNVQ and GCE A/AS level are given in tables 2 and 3. Overall, those candidates in schools tended to achieve slightly higher GCE A/AS level results than those from Further Education sector colleges. For example, in schools 23 per cent of students achieved a GCE A/AS level point score of 25 or over compared with 15 per cent of candidates in Further Education sector colleges. The proportions with less than 10 GCE A/AS level points were 21 per cent and 28 per cent in schools and Further Education sector colleges respectively. Candidates in FE colleges with broadly similar GCSE/GNVQ achievements tended to gain slightly lower GCE A/AS grades than those in schools or sixth form colleges.

**12** Candidates from independent schools tended to achieve higher GCE A/AS level scores than those candidates from maintained schools (tables 4 and 5). In independent schools, 41 per cent of candidates achieved a GCE A/AS level score of 25 or over compared with 18 per cent of candidates from maintained schools. In contrast, 9 per cent of candidates from independent schools compared with 25 per cent of maintained schools achieved a GCE A/AS level score of less than 10.

**13** Tables 6 and 7 show that candidates from sixth form colleges tended to achieve better GCE A/AS level scores

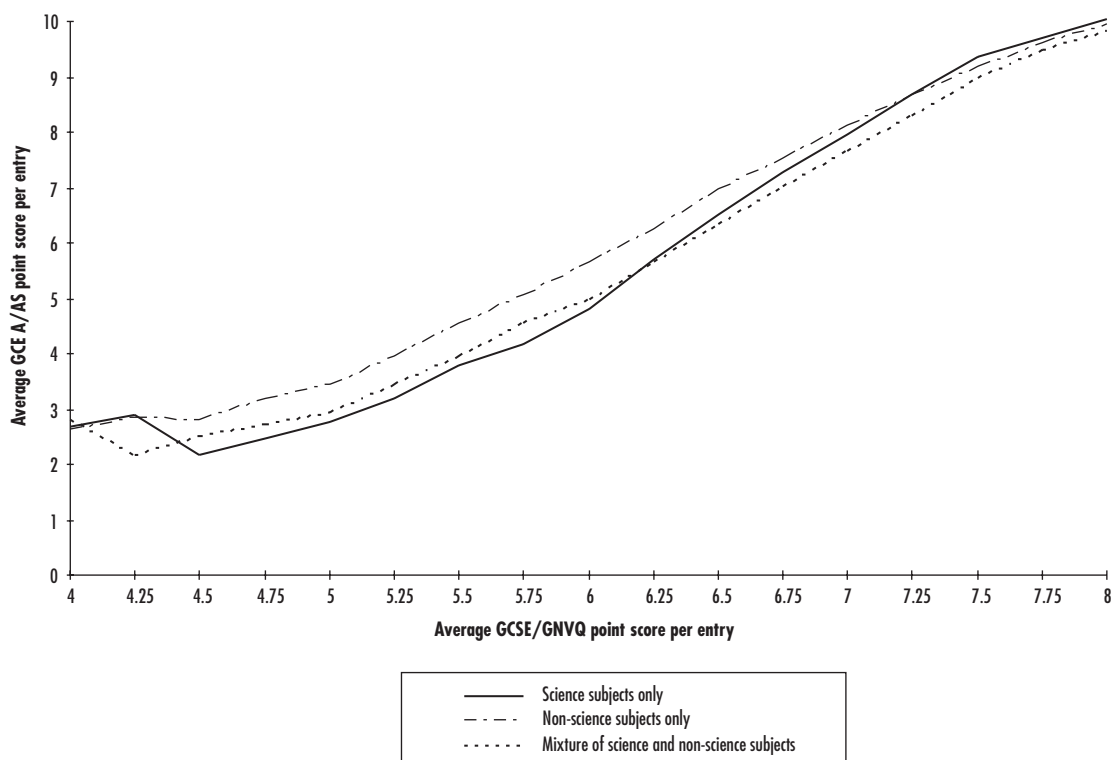
than those from other Further Education sector colleges. Eighteen per cent of candidates from sixth form colleges achieved a GCE A/AS level score of 25 or over compared with 10 per cent of candidates from other Further Education sector colleges. In contrast, the equivalent figures but for candidates with a GCE A/AS level score of less than 10 were 23 per cent and 36 per cent.

### Characteristics of the candidates

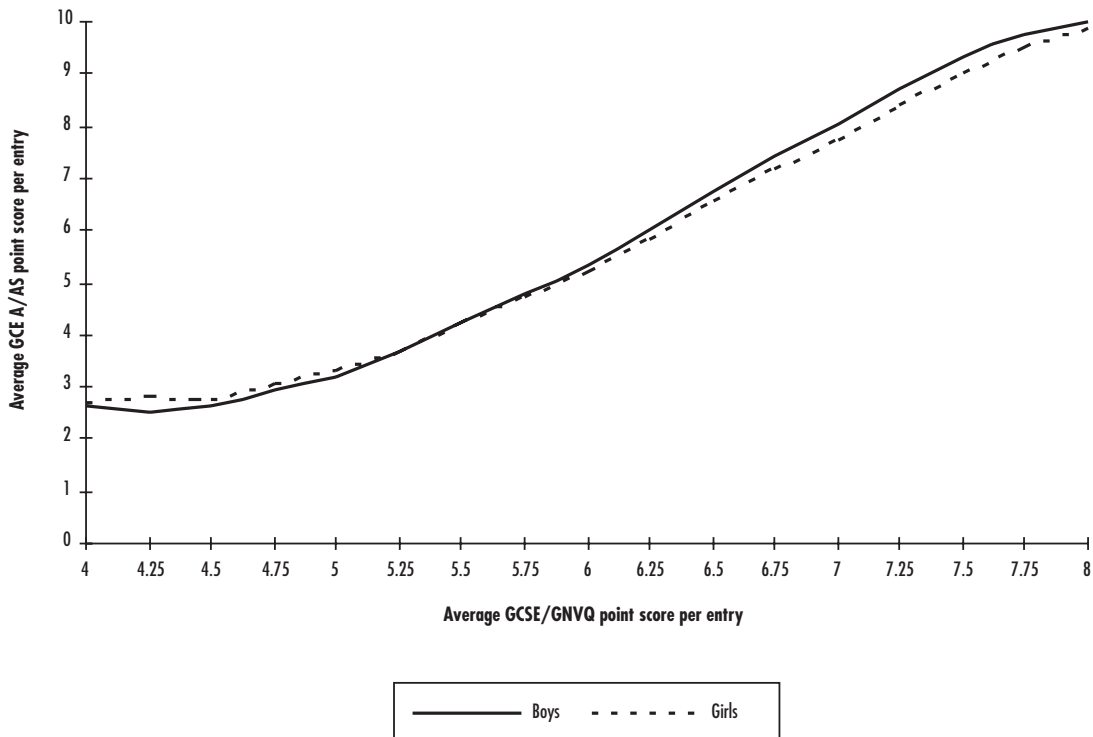
**14** The analyses given in this bulletin have so far been concerned with the attributes of the institutions which the candidates attended. It is possible to look at the characteristics of the candidates themselves, such as their gender (tables 11 and 12 and chart C) or the mix of subjects taken at GCE A/AS level (tables 8 to 10 and chart B), i.e. whether a candidate took science subjects only or non science subjects only or a mix of both.

**15** Those candidates who took only science subjects (or all science subjects with the exception of one non-science AS examination) were more likely to achieve very high GCE A/AS level scores. Of such candidates, 34 per cent achieved a GCE A/AS level score of 25 or over compared with 16 per cent of candidates taking only non science subjects (or all non science subjects with the exception of one science AS examination) and 21 per cent of candidates taking a mix of science and non-science subjects. However, in each of these groups of candidates, similar proportions, i.e. 21 per cent of scientists, 25 per cent of those taking non-science subjects and 21 per cent of those taking a mixture of science and non-science subjects, achieved GCE A/AS level scores of less than 10.

**CHART B:** Candidates attempting different combinations of GCE A/AS subjects



**CHART C: Gender**



**16** These differences reflect the tendency for science specialists to have higher average GCSE/GNVQ performance: 66 per cent achieved an average GCSE/GNVQ score per entry of 6 (average grade B) or over compared with 40 per cent of candidates taking only non-science subjects or all non-science subjects with the exception of one AS examination, and 55 per cent of candidates taking a mixture of science and non science subjects.

**17** Chart B shows the median average GCE A/AS score per entry for different bands of GCSE/GNVQ attainment for three types of GCE A/AS level candidates – those taking science subjects only, those taking non-science subjects only, and those taking a mixture of science and non-science subjects. Except for candidates with very high levels of GCSE/GNVQ attainment, GCE A/AS level candidates with similar GCSE/GNVQ attainment, taking only non-science subjects achieved a higher average GCE A/AS score per entry than the median student amongst those taking science subjects only or a mixture of the two.

**18** For most levels of GCSE/GNVQ attainment, female candidates were less likely to achieve high GCE A/AS level scores than male candidates. This was more marked amongst candidates with high average GCSE/GNVQ scores per entry. For example, tables 11 and 12 show that amongst candidates with an average GCSE/GNVQ score per entry of 6 or more, 23 per cent of male candidates and 17 per cent of female candidates achieved a GCE A/AS level score of 30 or more.

**Definitions**

**19** The information contained in this bulletin relates to candidates aged 17 at the beginning of the 1998/99 academic year who took at least 1 GCE A level or AS examination during that year and at least 2 GCE A levels or AS equivalents by the end of that academic year. The GCSE/GNVQ scores cover GCSE/GNVQs taken in 1998/99 or earlier. The figures exclude 3,100 candidates for whom GCSE/GNVQ scores could not be identified. The data on examination entries and passes were obtained from the GCSE and GCE examining boards and groups. The 1998/99 GCE A level and AS examination results were then merged by the Department's contractor using the candidate's name and date of birth. The data does not currently contain students' Advanced GNVQ results, however the inclusion of these results in future years' bulletins is being investigated.

**20** The GCE A/AS level point scores are derived in the following way:

Grade obtained	A level	AS examination
A	10	5
B	8	4
C	6	3
D	4	2
E	2	1

For each candidate, the points for each pass are then added together to obtain a total point score and divided by the total number of entries (an AS level is treated as half an entry) to derive the average point score per entry. For the purpose of this bulletin, GCE A levels or AS equivalents in general studies have been excluded as mentioned in paragraph 10.

**21** The GCSE point score is derived in a similar way with the points awarded for each grade as follows:

Grade obtained	GCSE
A*	8
A	7
B	6
C	5
D	4
E	3
F	2
G	1

The total GCSE point score is then divided by the number of attempts to derive an average GCSE score per entry.

**22** The points for each GNVQ grade are as follows:

Qualification	Level	Grade	Points
<b>GNVQ Part One</b>	Intermediate	Distinction	15
		Merit	12
		Pass	10
	Foundation	Distinction	8
		Merit	6
		Pass	3
<b>GNVQ Full</b>	Intermediate	Distinction	30
		Merit	24
		Pass	20
	Foundation	Distinction	16
		Merit	12
		Pass	6

The Part One GNVQ is deemed equivalent to 2 GCSEs and the Full GNVQ is equivalent to four GCSEs. The points need to be divided accordingly to derive an average GNVQ point score per entry and then added to the average GCSE score per entry for an average GCSE/GNVQ score per entry.

**23** Each of the tables shows, for each range of average GCSE/GNVQ score per entry, the percentage of candidates obtaining different GCE A/AS level scores. The charts show, for each range of average GCSE/GNVQ score per entry, the median GCE A/AS level score and the upper and lower quartile scores. This gives an idea of the range of GCE A/AS level scores achieved by candidates with a given average GCSE/GNVQ score per entry. Half of the candidates in each average GCSE/GNVQ score range achieve a score between the two quartiles with a quarter above and a quarter below this range.

**24** The following subjects are classified as sciences for the purposes of tables 8 to 10: mathematics; statistics; biological sciences; chemistry; physics; botany; electronics; engineering; environmental science; geology; psychology (JMB only); science in society; zoology; computer studies; design; design and technology; geometric and engineering drawing; graphics; metalwork; woodwork; home economics. A student counts as having a GCE A/AS level attempt in a science subject if s/he has attempted a GCE A level or two AS examinations in science subjects.

#### **Further information**

**25** Enquiries on the contents of this bulletin should be addressed to Analytical Services, Level 5B, Department for Education and Employment, Caxton House, Tothill Street, Westminster, London, SW1H 9NF (Tel: 0207 273 5938).

**TABLE 1:**  
GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
All establishments

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	53	25	15	4	2	1	0	0	935
4 to 4.4	48	29	18	4	2	0	0	0	4,814
4.5 to 4.9	34	30	25	7	3	0	0	0	15,215
5 to 5.4	19	26	33	14	7	1	0	0	32,541
5.5 to 5.9	8	16	33	22	18	3	1	0	35,806
6 to 6.4	2	6	22	23	31	11	3	1	38,553
6.5 to 6.9	0	2	8	15	36	24	10	4	25,630
7 to 7.4	0	0	2	5	22	32	25	14	17,837
7.5 to 7.9	0	0	0	1	6	18	37	39	6,797
8	0	0	1	2	3	8	27	59	455
Total	10	13	22	15	20	11	6	4	178,583

**TABLE 2:**  
GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
All schools

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	53	25	16	3	1	1	0	0	645
4 to 4.4	48	29	18	3	1	0	0	0	3,104
4.5 to 4.9	34	31	26	6	3	0	0	0	9,667
5 to 5.4	18	26	34	14	7	1	0	0	21,252
5.5 to 5.9	7	16	33	22	18	3	1	0	24,448
6 to 6.4	2	6	22	24	32	11	3	1	27,978
6.5 to 6.9	0	2	8	15	36	25	10	3	19,630
7 to 7.4	0	0	2	5	22	32	26	14	14,583
7.5 to 7.9	0	0	0	1	5	17	38	39	5,910
8	0	0	0	1	3	8	28	60	409
Total	9	12	21	15	20	12	7	4	127,626

**TABLE 3:**  
GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
All Further Education sector colleges

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	53	25	14	5	1	1	0	0	280
4 to 4.4	47	27	18	4	2	0	0	0	1,693
4.5 to 4.9	36	29	24	8	3	0	0	0	5,522
5 to 5.4	20	25	32	14	7	1	0	0	11,241
5.5 to 5.9	9	16	32	21	18	4	1	0	11,320
6 to 6.4	3	7	23	22	30	11	3	1	10,543
6.5 to 6.9	1	2	10	15	35	22	10	4	5,982
7 to 7.4	0	1	3	7	25	28	22	15	3,242
7.5 to 7.9	0	0	0	1	8	18	33	39	885
8	0	0	7	7	0	16	16	56	45
Total	13	15	23	15	18	8	4	2	50,753

For the definitions underlying the tables see paragraphs 19 to 24 of the text

**TABLE 4:**

GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
All maintained schools

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	57	25	14	2	1	1	0	0	553
4 to 4.4	49	29	18	3	1	0	0	0	2,854
4.5 to 4.9	34	31	26	6	3	0	0	0	8,918
5 to 5.4	19	26	34	13	7	1	0	0	18,834
5.5 to 5.9	8	17	34	21	17	3	1	0	20,524
6 to 6.4	2	7	23	24	31	10	3	1	21,632
6.5 to 6.9	0	2	9	16	36	24	9	3	13,688
7 to 7.4	0	0	2	5	24	32	24	12	8,894
7.5 to 7.9	0	0	0	1	7	20	36	35	2,838
8	1	0	0	1	3	5	28	62	130
<b>Total</b>	<b>11</b>	<b>14</b>	<b>23</b>	<b>16</b>	<b>19</b>	<b>10</b>	<b>5</b>	<b>3</b>	<b>98,865</b>

**TABLE 5:**

GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
All independent schools

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	33	23	26	5	4	5	1	2	92
4 to 4.4	33	28	26	9	2	1	1	0	249
4.5 to 4.9	28	26	32	8	5	1	1	0	743
5 to 5.4	13	22	35	18	10	1	0	0	2,401
5.5 to 5.9	4	11	30	25	23	5	1	0	3,905
6 to 6.4	1	4	18	23	36	14	4	1	6,325
6.5 to 6.9	0	1	5	12	37	29	12	4	5,927
7 to 7.4	0	0	1	3	19	33	28	16	5,683
7.5 to 7.9	0	0	0	1	3	15	39	42	3,068
8	0	0	0	1	3	9	28	59	279
<b>Total</b>	<b>3</b>	<b>5</b>	<b>13</b>	<b>14</b>	<b>24</b>	<b>18</b>	<b>14</b>	<b>9</b>	<b>28,672</b>

For the definitions underlying the tables see paragraphs 19 to 24 of the text



**TABLE 6:**  
GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
All Further Education sector colleges (excluding sixth form colleges)

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	55	25	15	4	1	1	1	0	200
4 to 4.4	52	25	16	4	2	0	0	0	973
4.5 to 4.9	41	28	21	7	2	0	0	0	2,586
5 to 5.4	24	27	30	12	6	1	0	0	4,754
5.5 to 5.9	11	16	33	19	16	3	1	0	4,244
6 to 6.4	5	9	24	22	28	9	3	1	3,600
6.5 to 6.9	2	3	12	15	36	20	9	3	1,733
7 to 7.4	0	1	3	9	27	28	21	12	830
7.5 to 7.9	0	1	2	1	11	23	31	31	185
8	0	0	7	14	0	21	0	57	14
Total	18	18	24	14	15	6	3	1	19,119

**TABLE 7:**  
GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
All sixth form colleges

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	49	26	13	9	3	1	0	0	80
4 to 4.4	41	30	22	4	3	1	0	0	720
4.5 to 4.9	31	31	25	8	4	0	0	0	2,935
5 to 5.4	18	24	33	15	8	1	0	0	6,487
5.5 to 5.9	7	15	31	22	19	4	1	0	7,076
6 to 6.4	2	6	22	22	31	12	3	1	6,943
6.5 to 6.9	0	2	9	15	35	23	11	5	4,249
7 to 7.4	0	0	3	6	24	27	22	16	2,412
7.5 to 7.9	0	0	0	1	7	17	33	42	700
8	0	0	6	3	0	13	23	55	31
Total	10	14	23	16	20	9	5	3	31,633

For the definitions underlying the tables see paragraphs 19 to 24 of the text

**TABLE 8:**

GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
Science subjects only

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of							Total candidates	
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34		35+
Less than 4	51	20	15	4	3	3	3	1	71
4 to 4.4	60	24	11	2	2	1	1	0	331
4.5 to 4.9	48	26	17	5	3	1	0	0	1,289
5 to 5.4	30	27	24	11	6	1	0	0	3,326
5.5 to 5.9	16	20	28	16	14	3	2	0	4,452
6 to 6.4	5	10	21	20	25	12	5	2	6,112
6.5 to 6.9	1	3	9	13	30	23	13	7	5,495
7 to 7.4	0	1	2	5	18	25	27	21	4,919
7.5 to 7.9	0	0	0	1	5	13	35	46	2,127
8	1	0	0	1	1	6	27	64	138
<b>Total</b>	<b>10</b>	<b>11</b>	<b>15</b>	<b>12</b>	<b>18</b>	<b>13</b>	<b>11</b>	<b>9</b>	<b>28,260</b>

**TABLE 9:**

GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
Non science subjects only

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of							Total candidates	
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34		35+
Less than 4	53	26	16	4	1	1	0	0	663
4 to 4.4	44	30	20	4	2	0	0	0	3,267
4.5 to 4.9	31	31	27	8	3	0	0	0	9,363
5 to 5.4	16	24	35	15	8	1	0	0	17,789
5.5 to 5.9	6	14	32	23	21	4	1	0	17,231
6 to 6.4	2	5	20	23	35	13	3	0	16,413
6.5 to 6.9	0	1	7	14	37	29	10	2	9,067
7 to 7.4	0	0	1	4	23	38	27	6	5,232
7.5 to 7.9	0	0	0	1	7	23	50	20	1,674
8	0	1	3	2	4	9	45	35	93
<b>Total</b>	<b>11</b>	<b>14</b>	<b>23</b>	<b>16</b>	<b>20</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>80,792</b>

**TABLE 10:**

GCSE/GNVQ and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations  
Mixture of science and non science subjects

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of							Total candidates	
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34		35+
Less than 4	54	23	14	3	2	2	1	1	201
4 to 4.4	53	26	16	3	1	0	0	0	1,215
4.5 to 4.9	38	31	23	5	2	0	0	0	4,561
5 to 5.4	20	27	34	13	5	1	0	0	11,422
5.5 to 5.9	7	17	35	22	15	3	0	0	14,121
6 to 6.4	2	7	25	25	30	9	2	1	16,028
6.5 to 6.9	0	2	9	17	38	22	9	3	11,068
7 to 7.4	0	0	2	5	25	31	22	14	7,686
8	0	0	0	1	6	18	32	44	2,996
	0	0	1	1	3	10	19	66	224
<b>Total</b>	<b>9</b>	<b>12</b>	<b>22</b>	<b>16</b>	<b>20</b>	<b>10</b>	<b>6</b>	<b>4</b>	<b>69,522</b>

For the definitions underlying the tables see paragraphs 19 to 24 of the text

**TABLE 11:**  
GCSE/GNVQ and GCE A/AS performance of 17 year old males entering 2 or more GCE A/AS examinations

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving							Total candidates	
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34		35+
Less than 4	53	25	15	4	2	1	0	0	503
4 to 4.4	49	28	18	3	2	0	0	0	2,599
4.5 to 4.9	36	29	25	7	3	0	0	0	8,178
5 to 5.4	20	25	33	14	7	1	0	0	16,365
5.5 to 5.9	8	15	32	21	18	4	1	0	16,874
6 to 6.4	2	6	20	23	31	12	4	1	16,757
6.5 to 6.9	0	2	7	14	33	25	13	6	10,703
7 to 7.4	0	0	2	4	18	29	27	21	7,244
7.5 to 7.9	0	0	0	0	3	13	33	50	2,754
8	1	1	0	1	1	10	22	64	166
<b>Total</b>	<b>12</b>	<b>14</b>	<b>21</b>	<b>14</b>	<b>18</b>	<b>10</b>	<b>6</b>	<b>5</b>	<b>82,143</b>

**TABLE 12:**  
GCSE/GNVQ and GCE A/AS performance of 17 year old females entering 2 or more GCE A/AS examinations

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving							Total candidates	
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34		35+
Less than 4	54	24	15	3	1	1	0	0	432
4 to 4.4	45	29	19	5	1	0	0	0	2,215
4.5 to 4.9	33	31	26	7	3	0	0	0	7,037
5 to 5.4	18	26	34	14	7	1	0	0	16,176
5.5 to 5.9	8	16	33	22	17	3	1	0	18,932
6 to 6.4	2	7	23	24	32	10	2	0	21,796
6.5 to 6.9	1	2	9	16	38	24	8	2	14,927
7 to 7.4	0	0	2	6	25	34	23	9	10,593
7.5 to 7.9	0	0	0	1	7	21	40	31	4,043
8	0	0	2	2	3	8	29	56	289
<b>Total</b>	<b>9</b>	<b>12</b>	<b>22</b>	<b>16</b>	<b>21</b>	<b>11</b>	<b>6</b>	<b>3</b>	<b>96,440</b>

For the definitions underlying the tables see paragraphs 19 to 24 of the text



# **Annex**

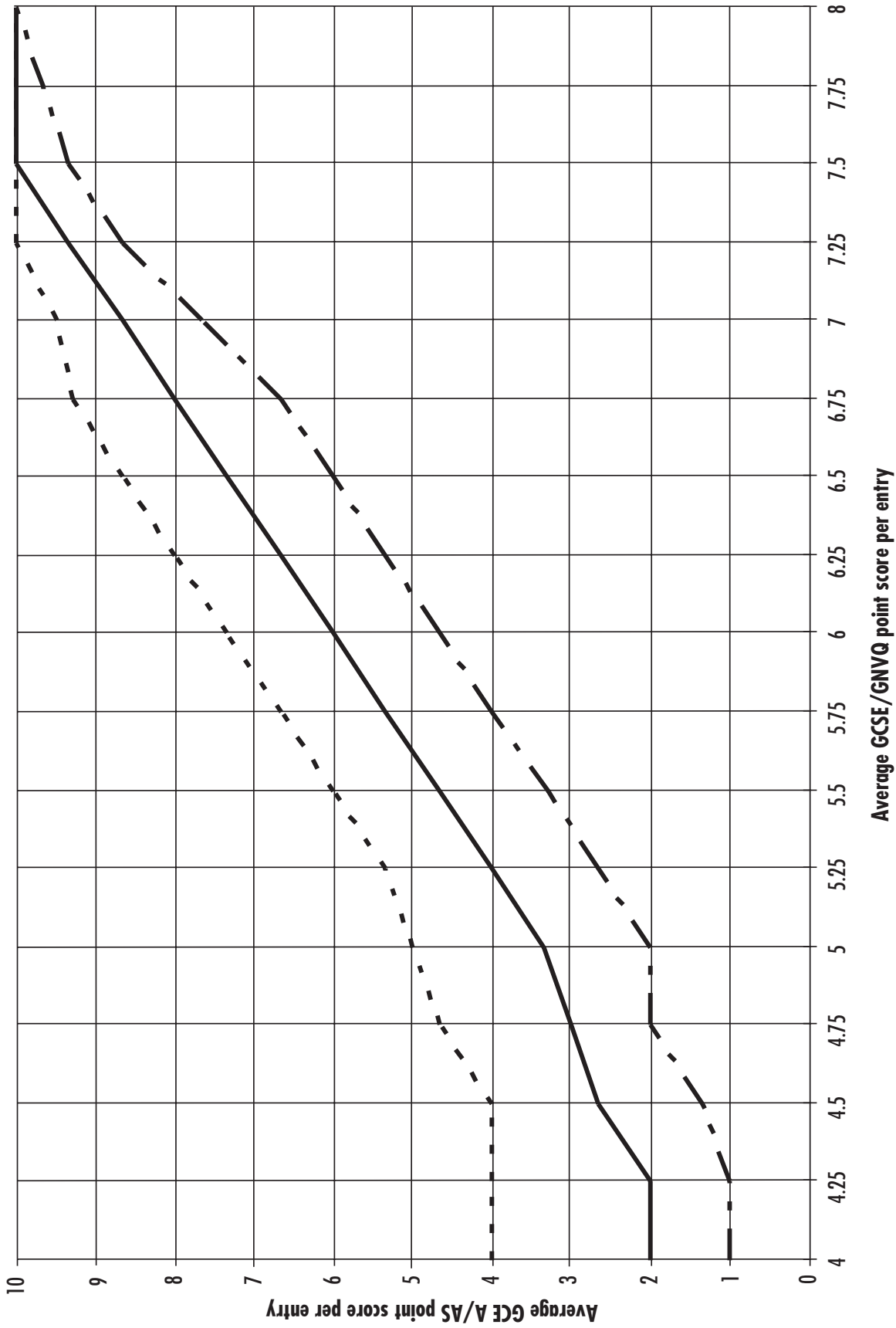
This section presents base charts, containing various national pictures, which you may wish to use in the manner described in paragraph 3 to assess your school's or college's value added in relation to national patterns.

Additional subject charts are available on our web site at <http://www.dfes.gov.uk/news/spn/spn.htm>

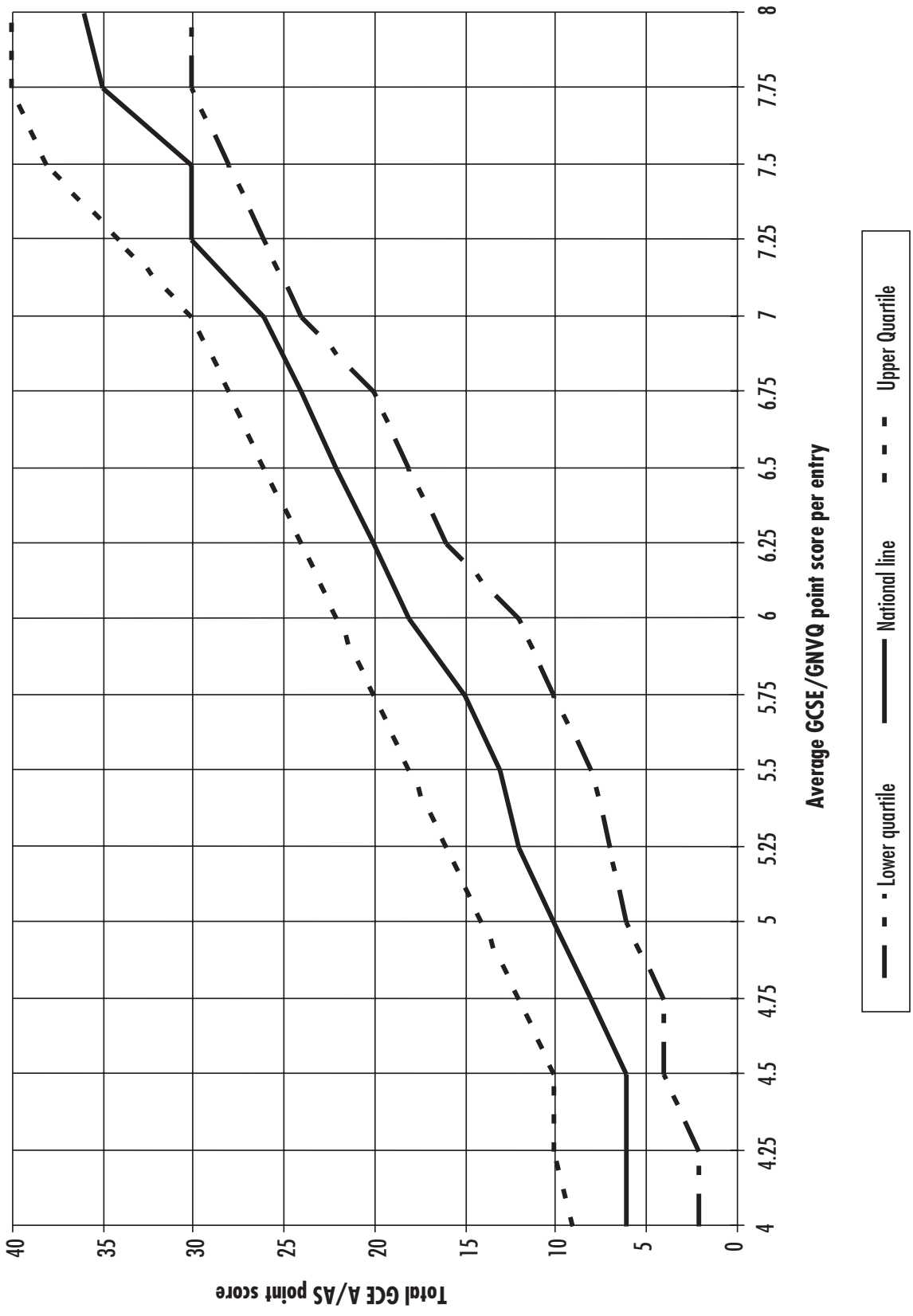
These charts are available in electronic format from  
Darren Egan  
(Email : [darren.egan@dfes.gov.uk](mailto:darren.egan@dfes.gov.uk))  
( Tel 0207 273 5938)

CHART 1 : The National Picture: All institutions

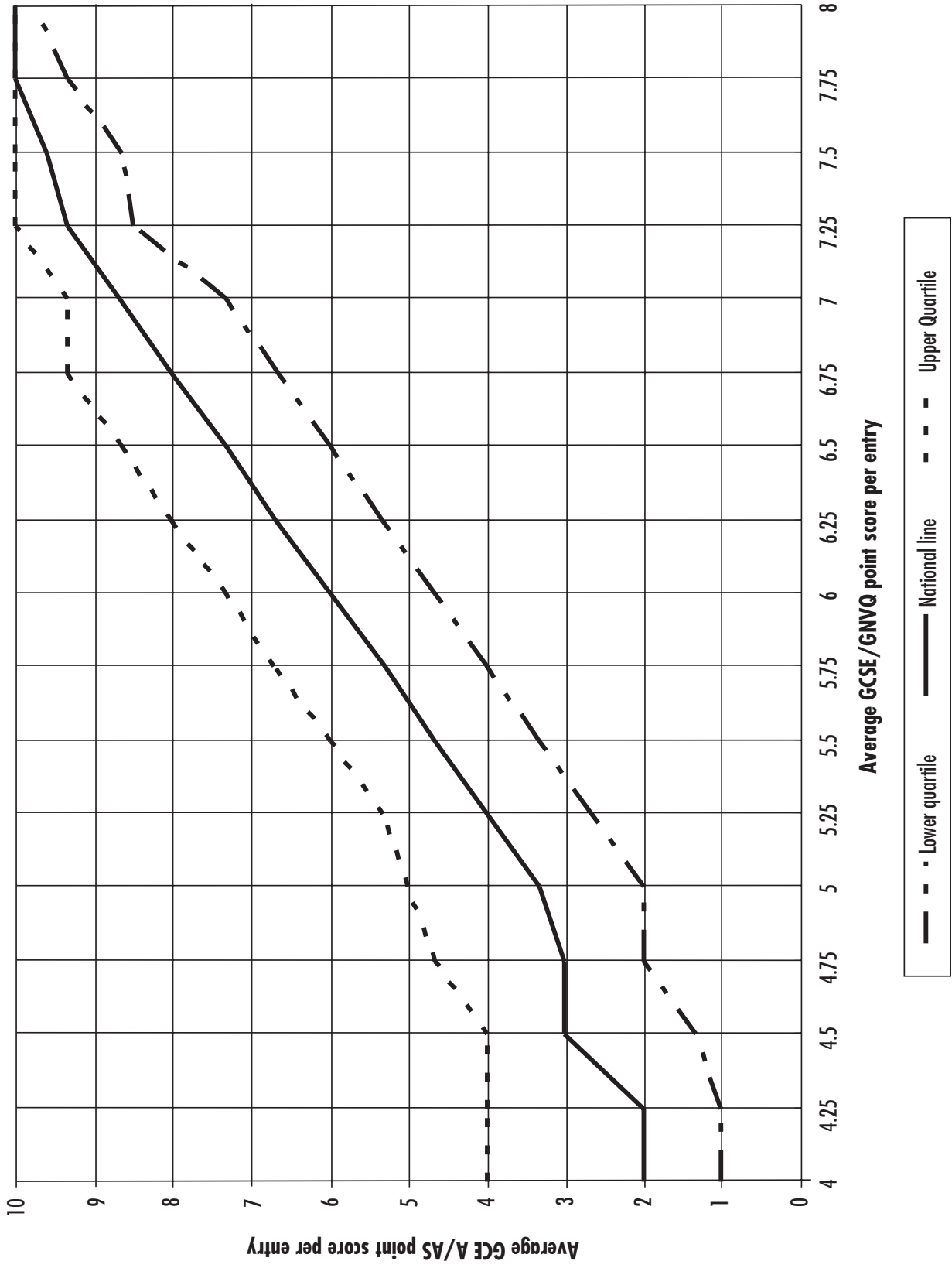
Your institution name



**CHART 1A: The National Picture: All institutions**      **Your institution name**

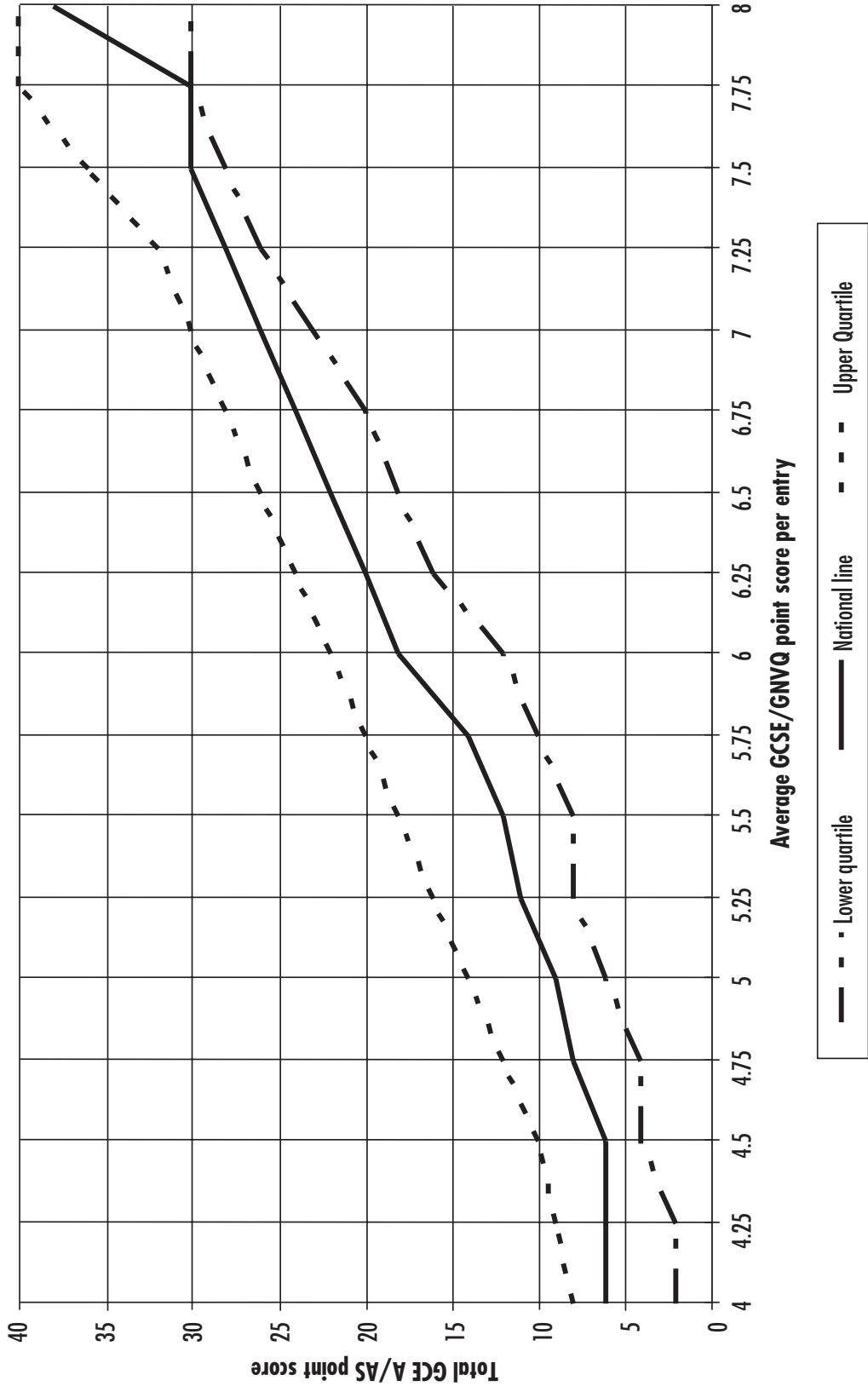


**CHART 2 : Non selective schools — ‘average GCSE/GNVQ point score per entry’ against ‘average GCE A/AS score per entry’**

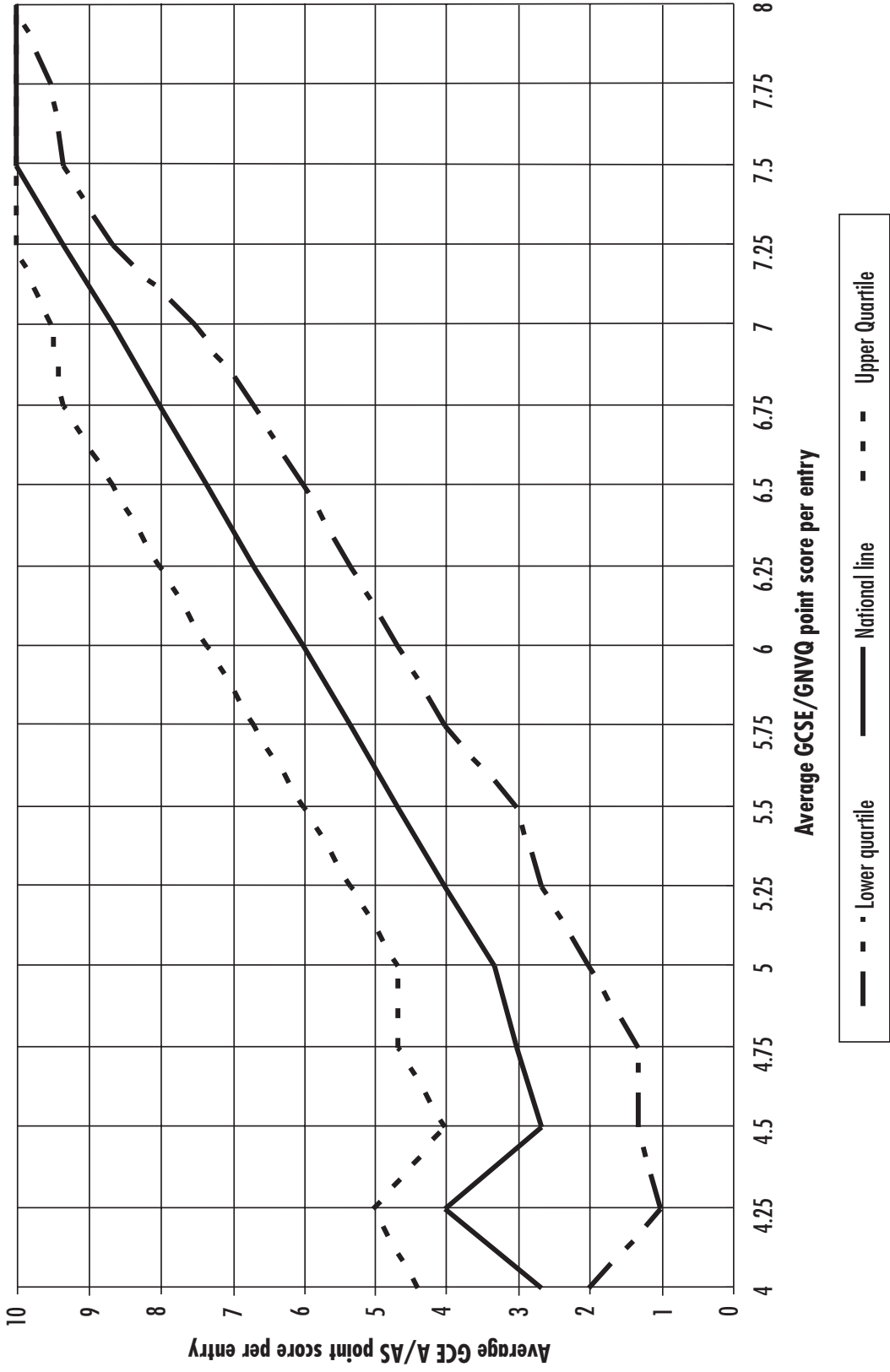




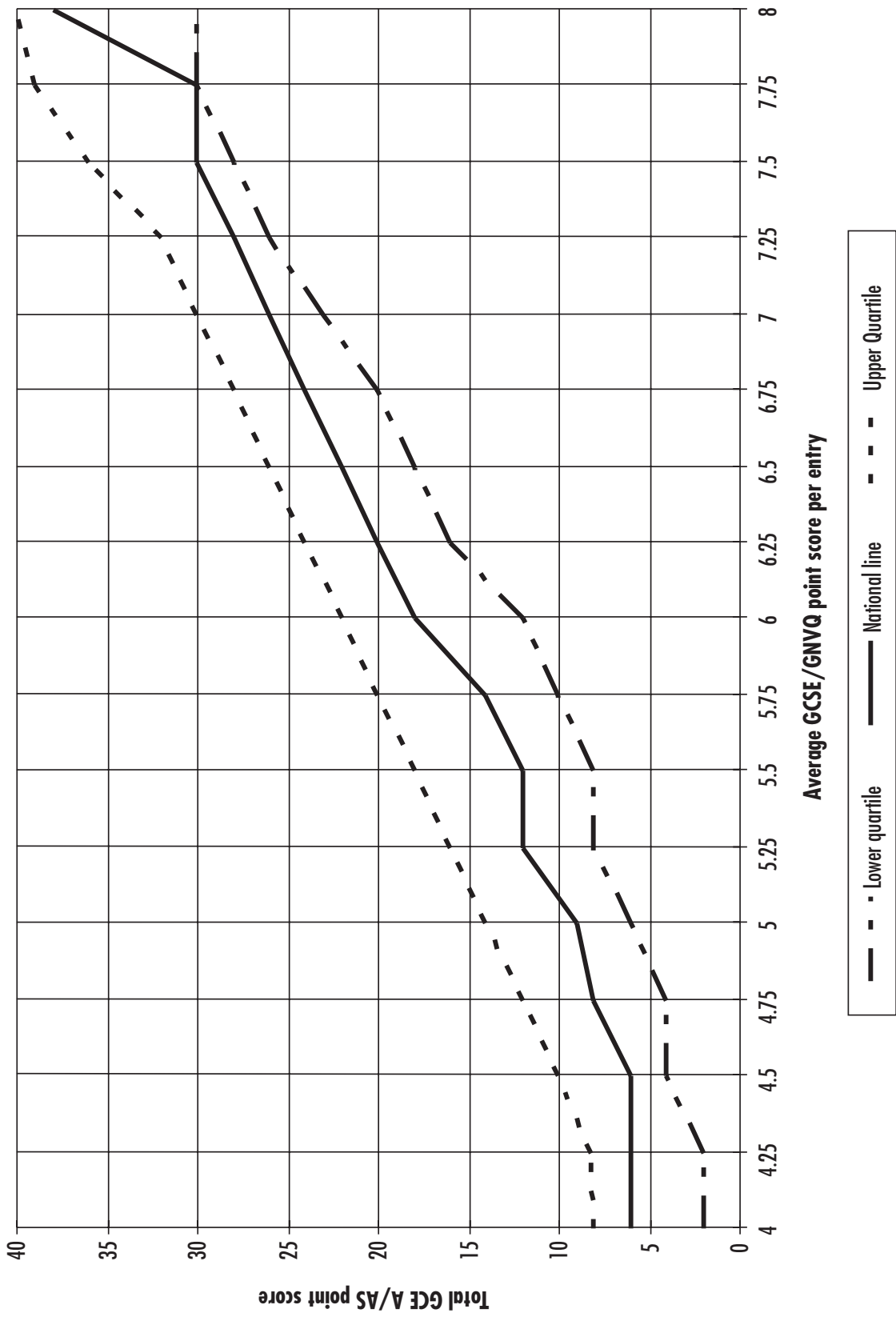
**CHART 2A : Non selective schools -- 'average GCSE/GNVQ point score per entry' against 'total GCE A/AS score'**



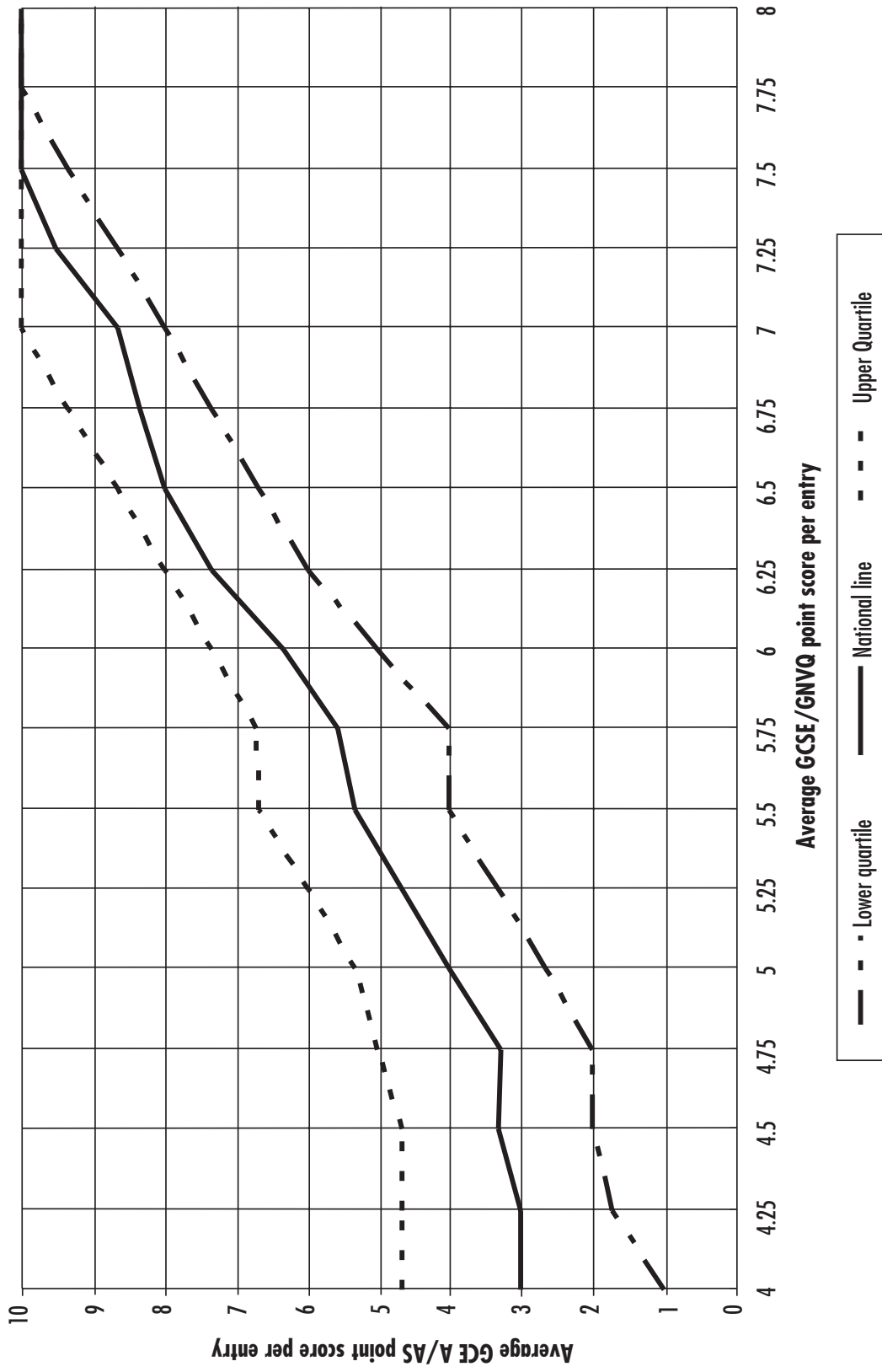
**CHART 3: Selective schools — 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS score per entry'**



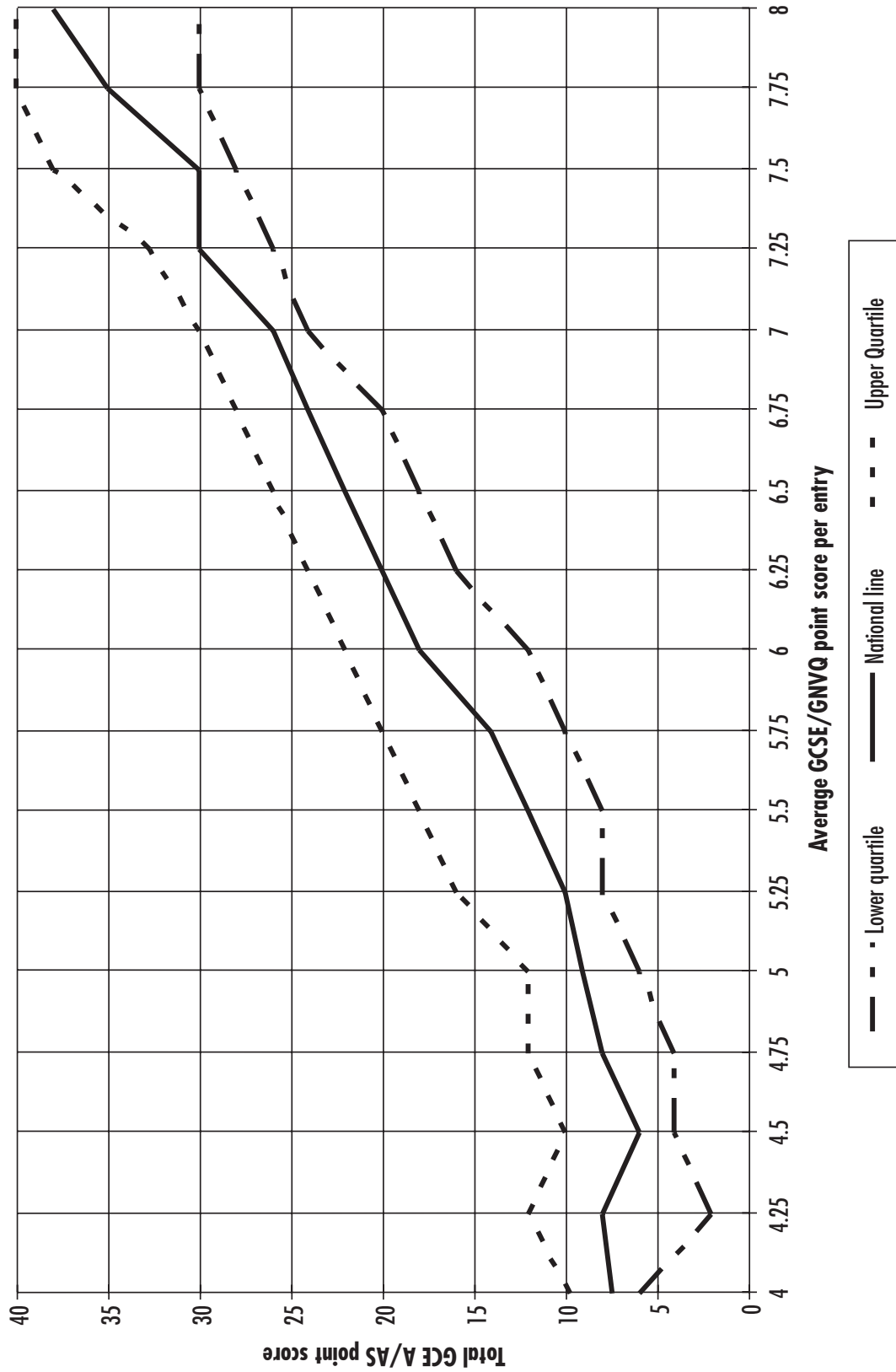
**CHART 3A: Selective schools — 'average GCSE/GNVQ point score per entry' against 'total GCE A/AS score'**



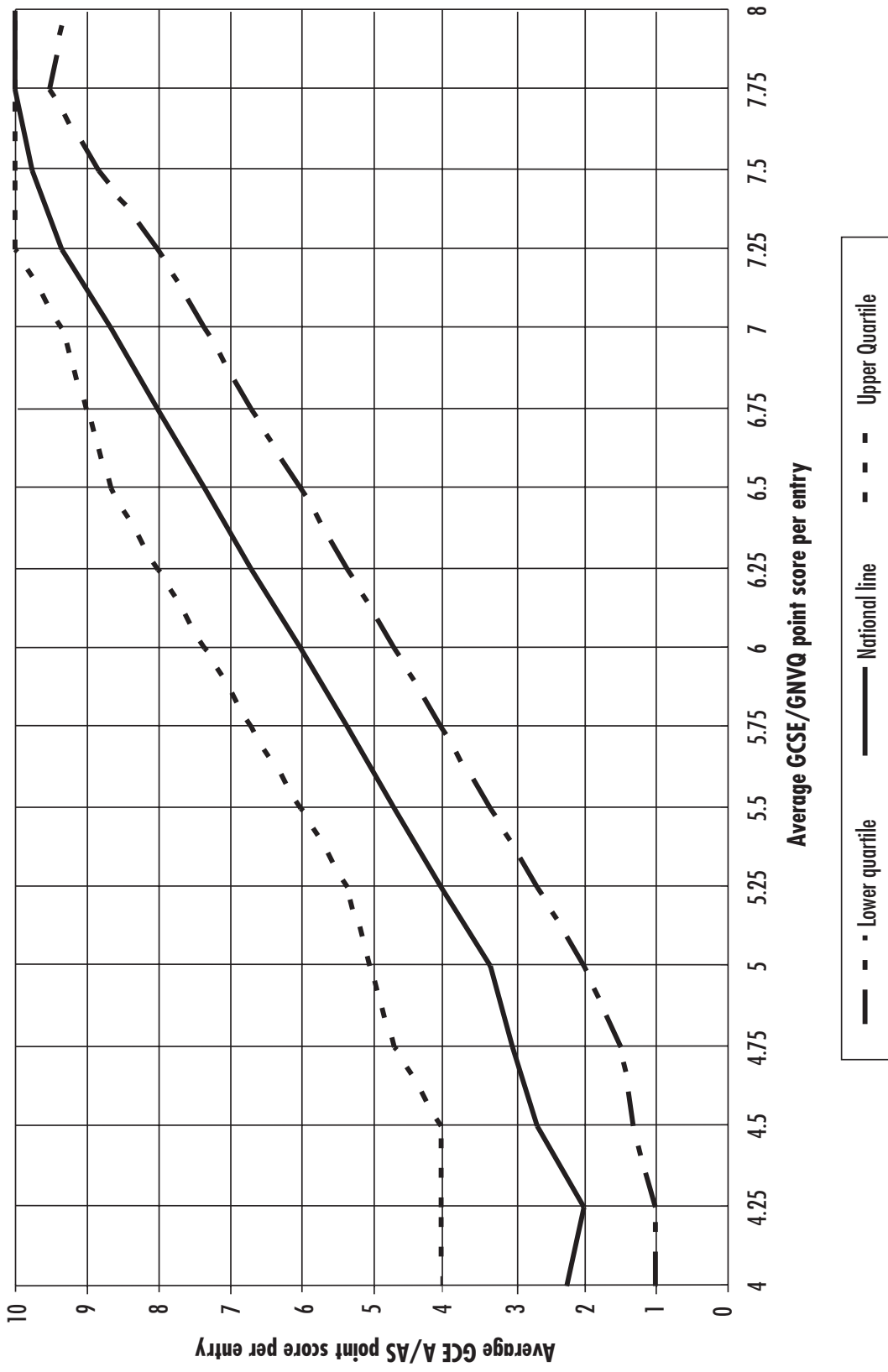
**CHART 4: Independent schools — 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS score per entry'**



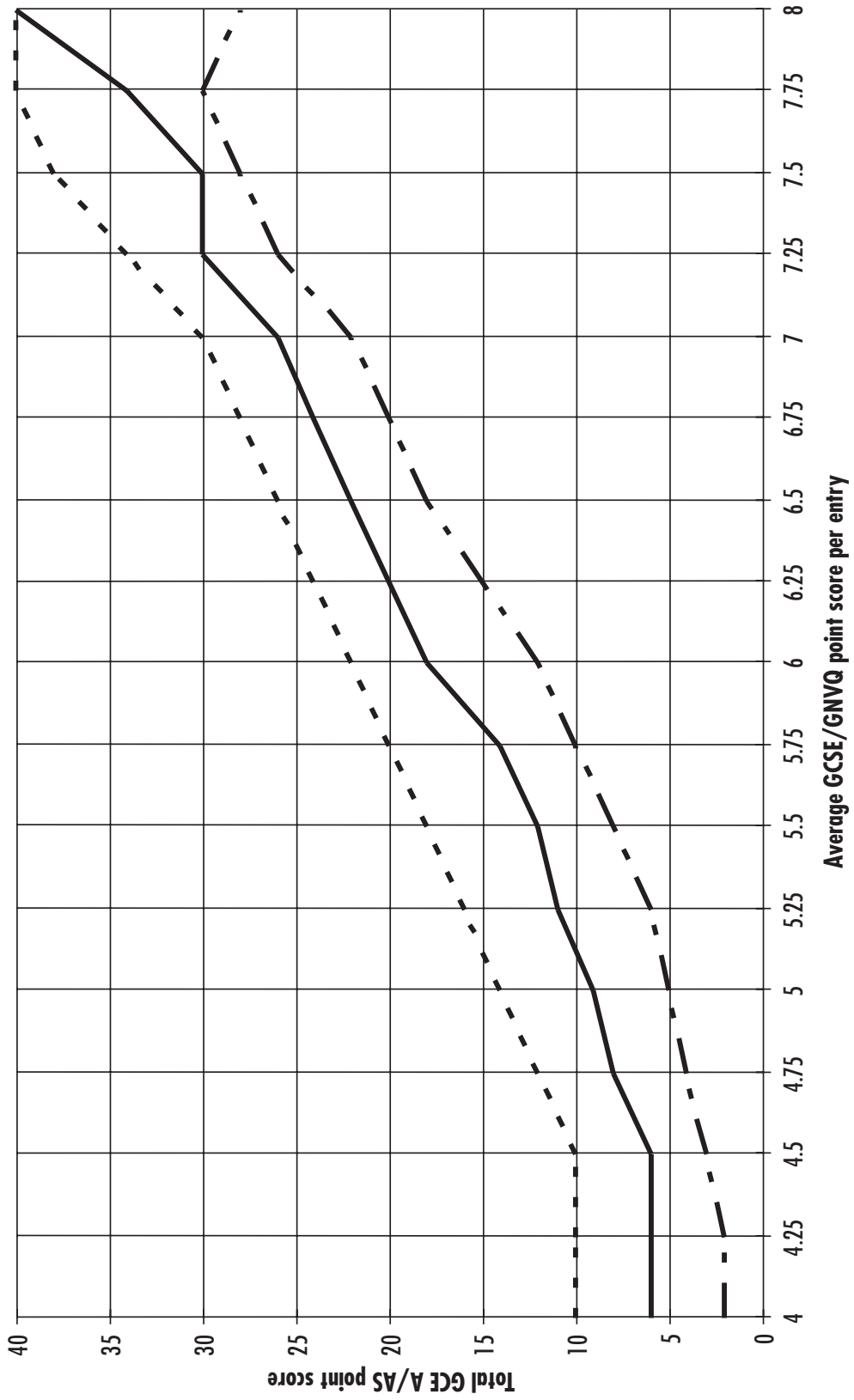
**CHART 4A: Independent schools — 'average GCSE/GNVQ point score per entry' against 'total GCE A/AS score'**



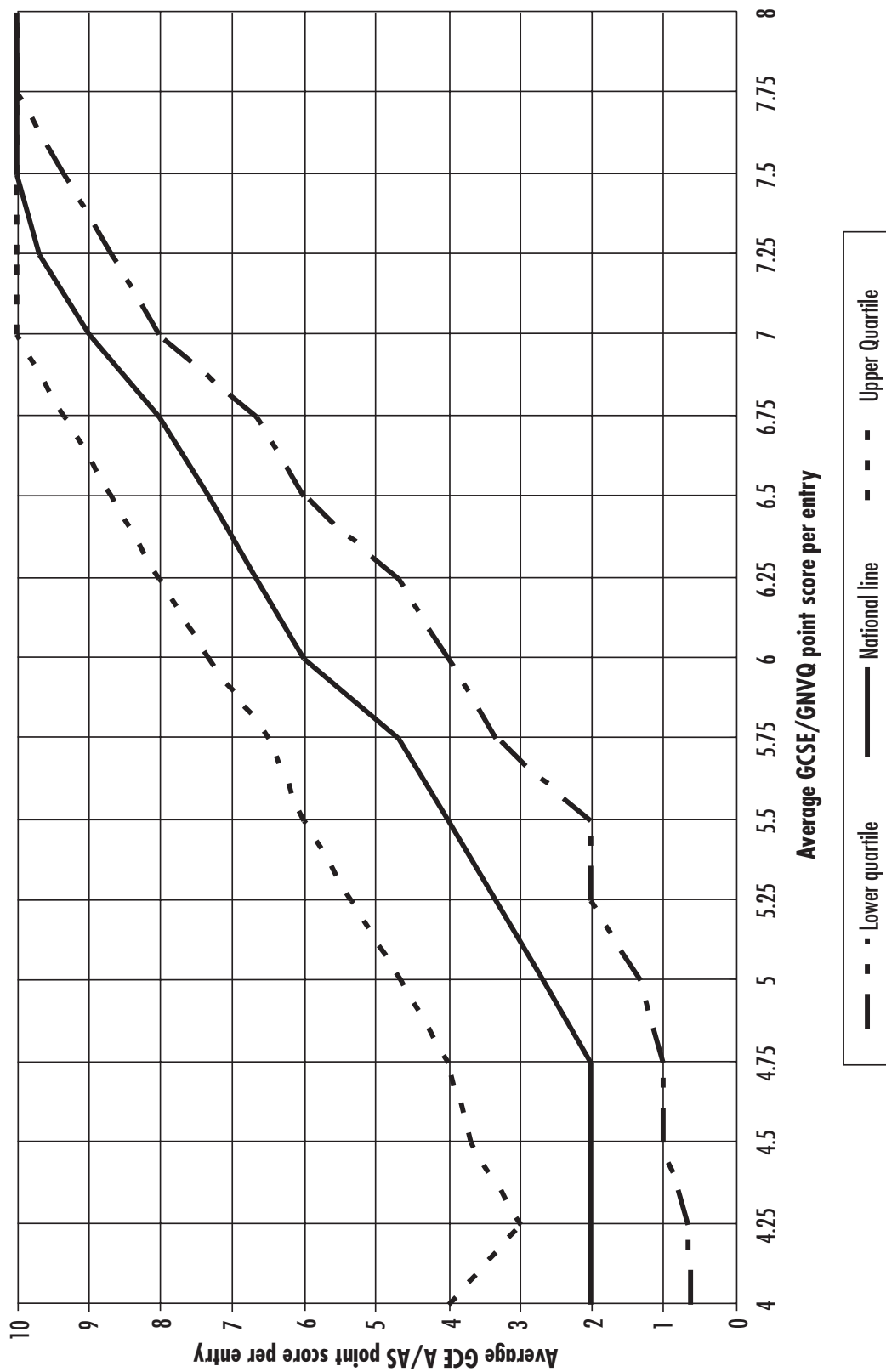
**CHART 5: Further Education Sector Colleges – ‘average GCSE/GNVQ point score per entry’ against ‘average GCE A/AS score per entry’**



**CHART 5A: Further education sector colleges – ‘average GCSE/GNVQ point score per entry’ against ‘total GCE A/AS point score’**

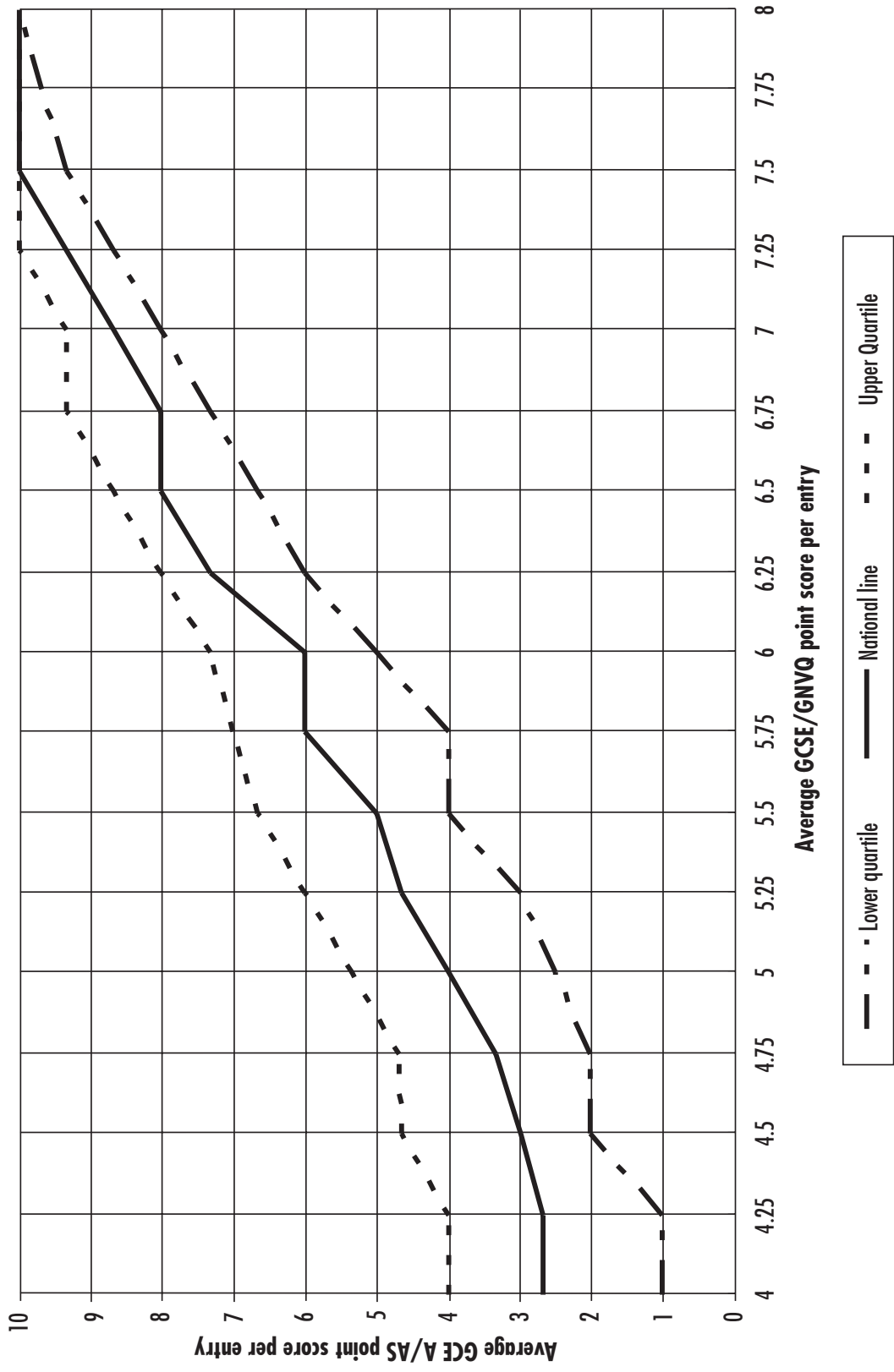


**CHART 6: Candidates attempting GCE A/AS science subjects only – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS score per entry'**

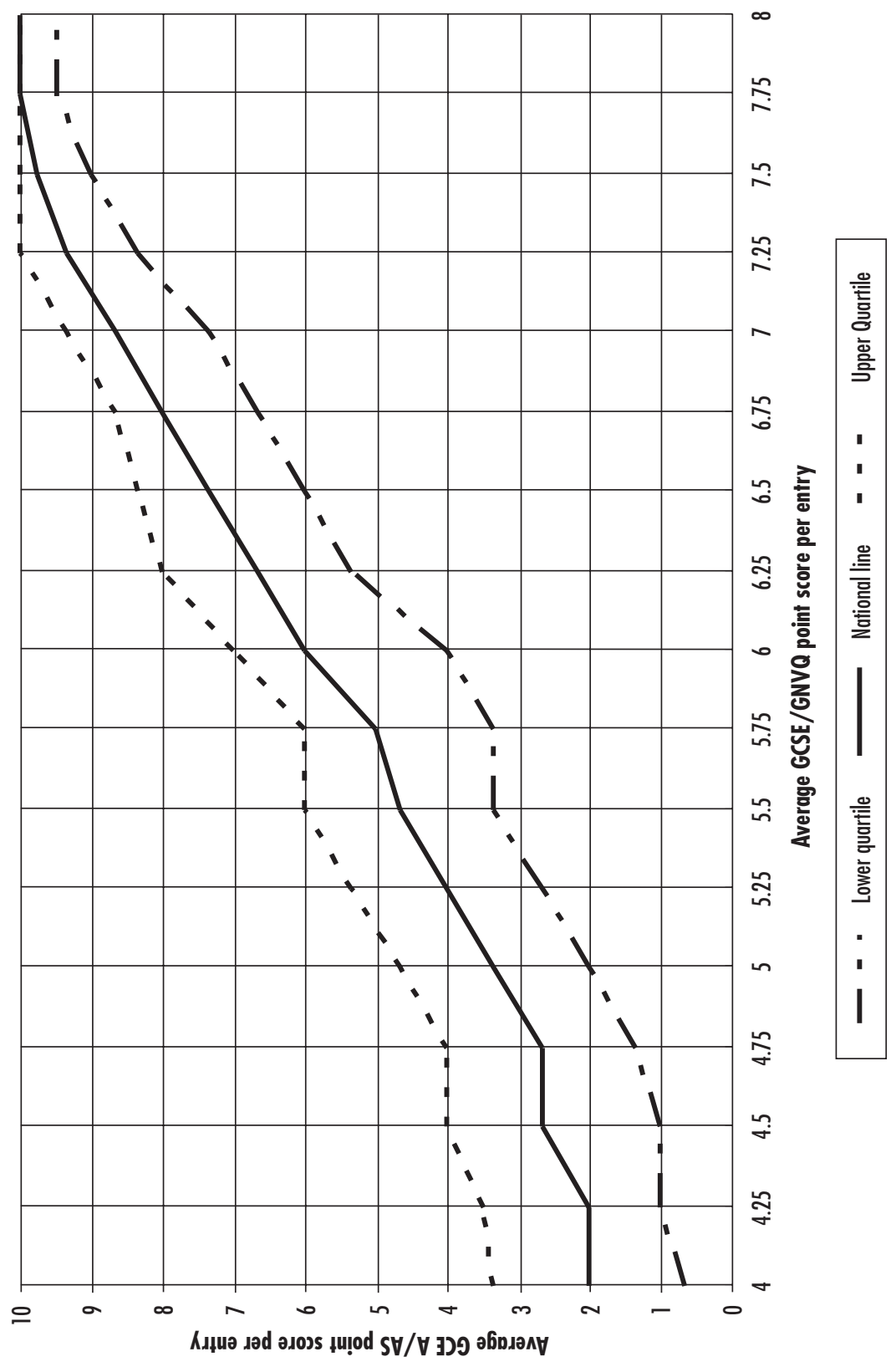




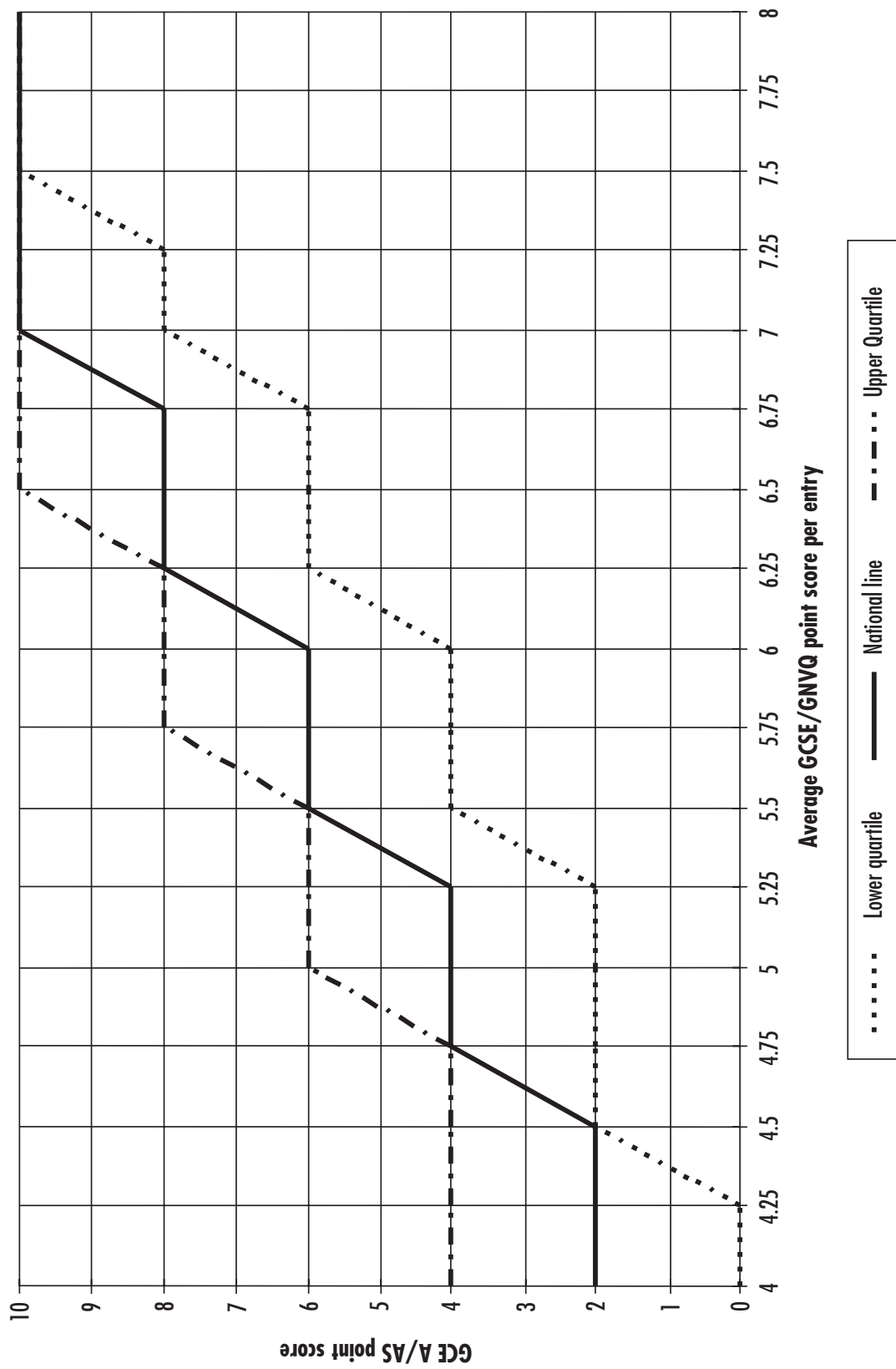
**CHART 7: Candidates attempting GCE A/AS non science subjects only – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS score per entry'**



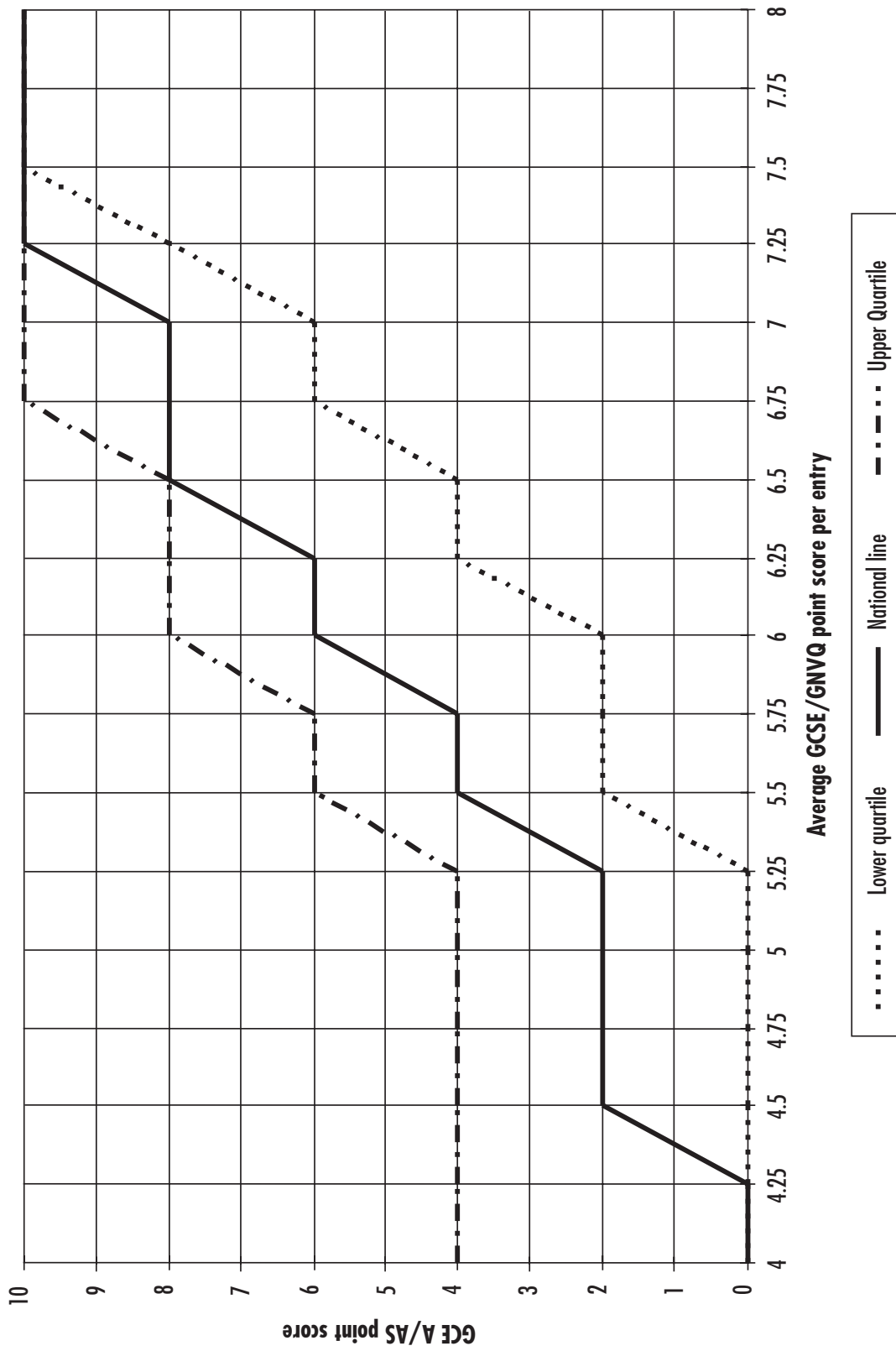
**CHART 8: Candidates attempting a mix of GCE A/As science and non science subjects – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS score per entry'**



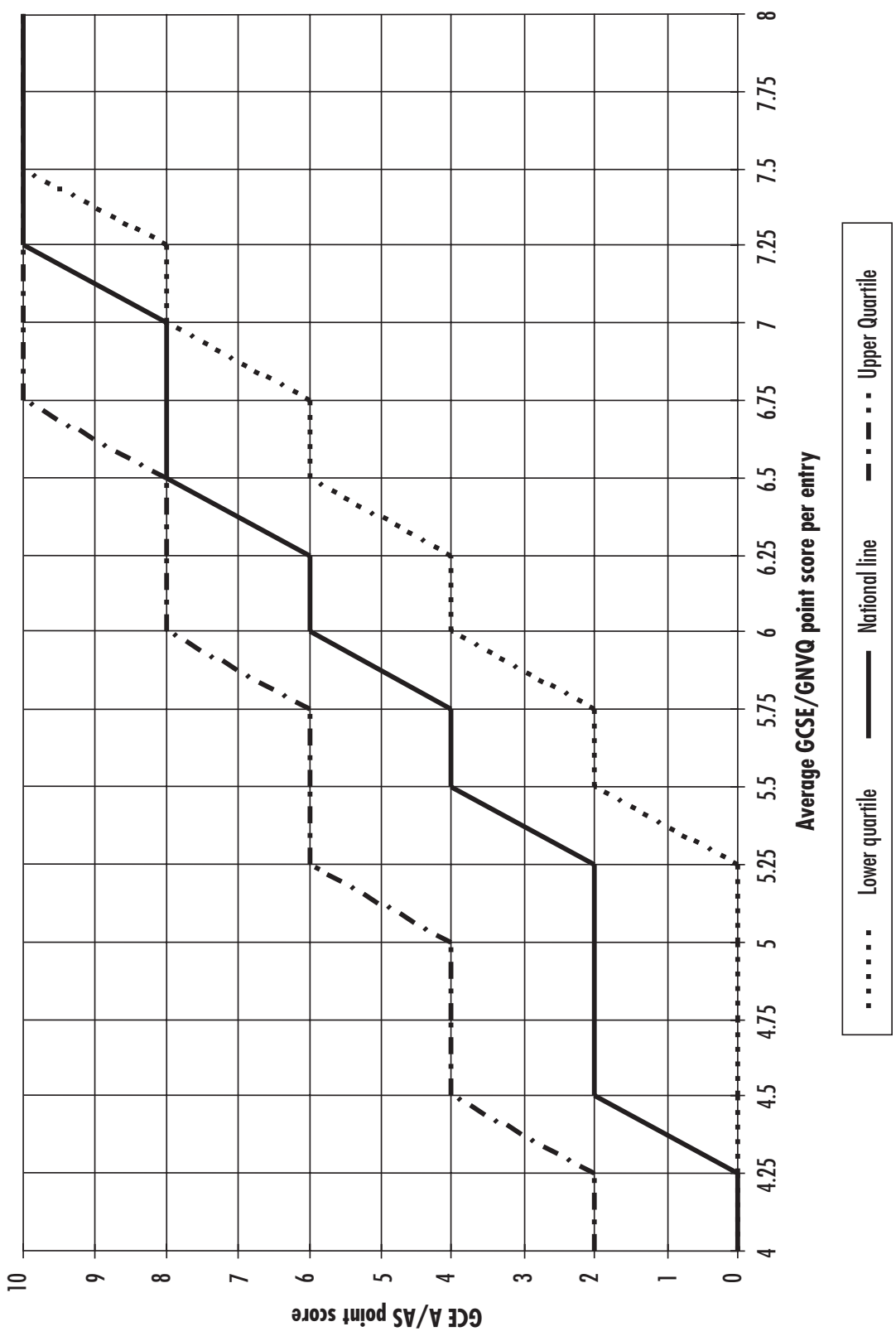
**CHART 9: ENGLISH – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’**



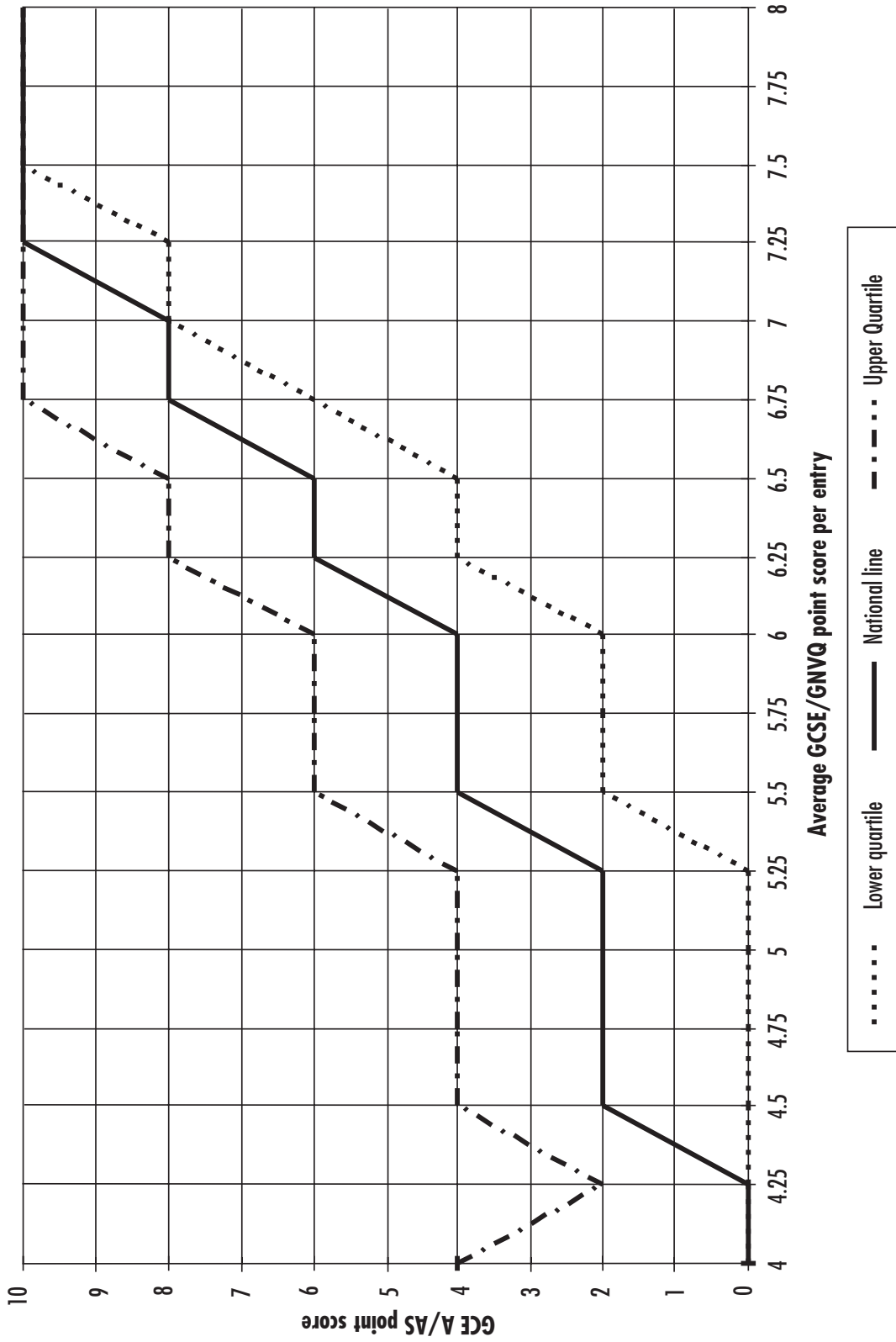
**CHART 10: MATHEMATICS – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’**



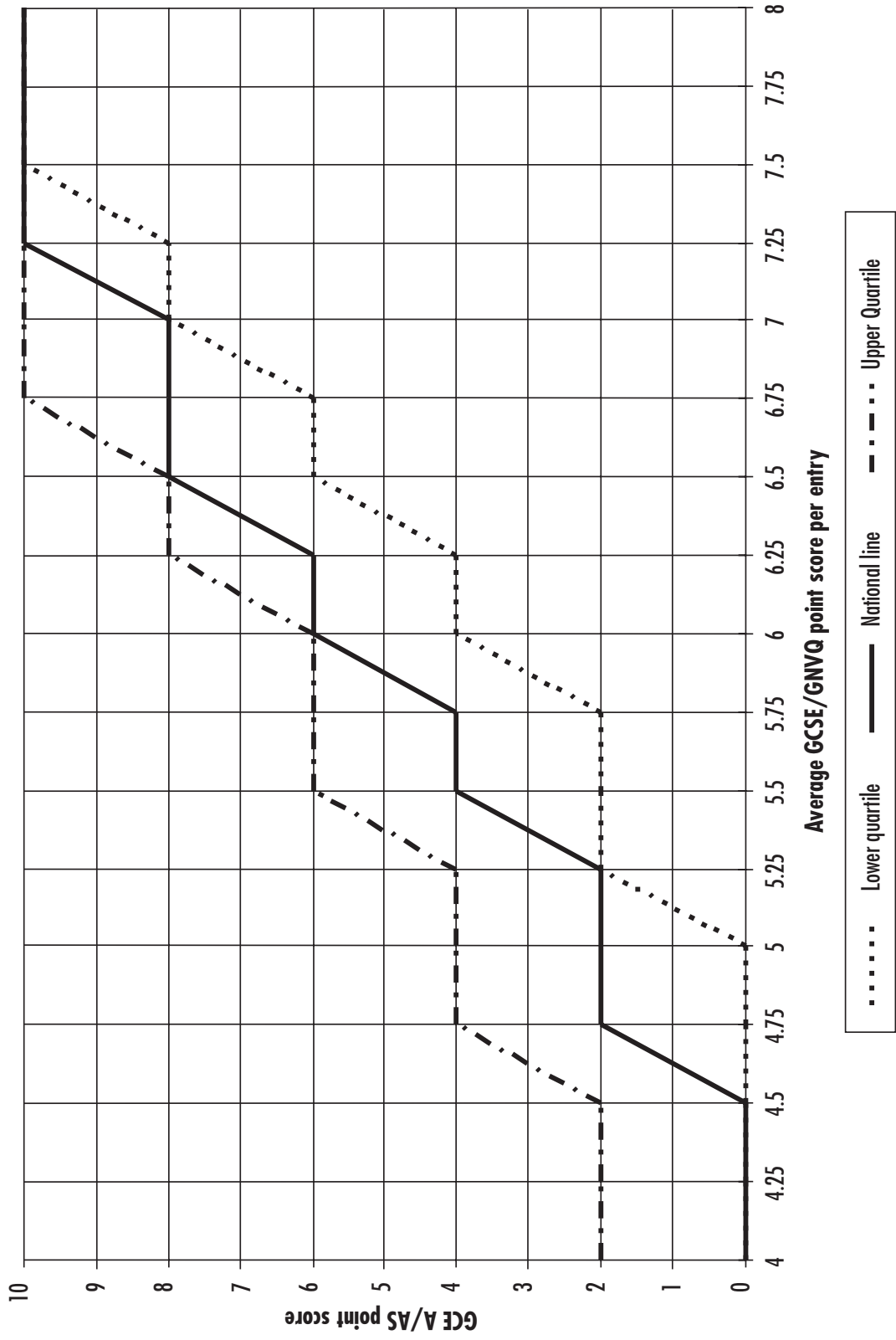
**CHART 11: PHYSICS -- 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score'**



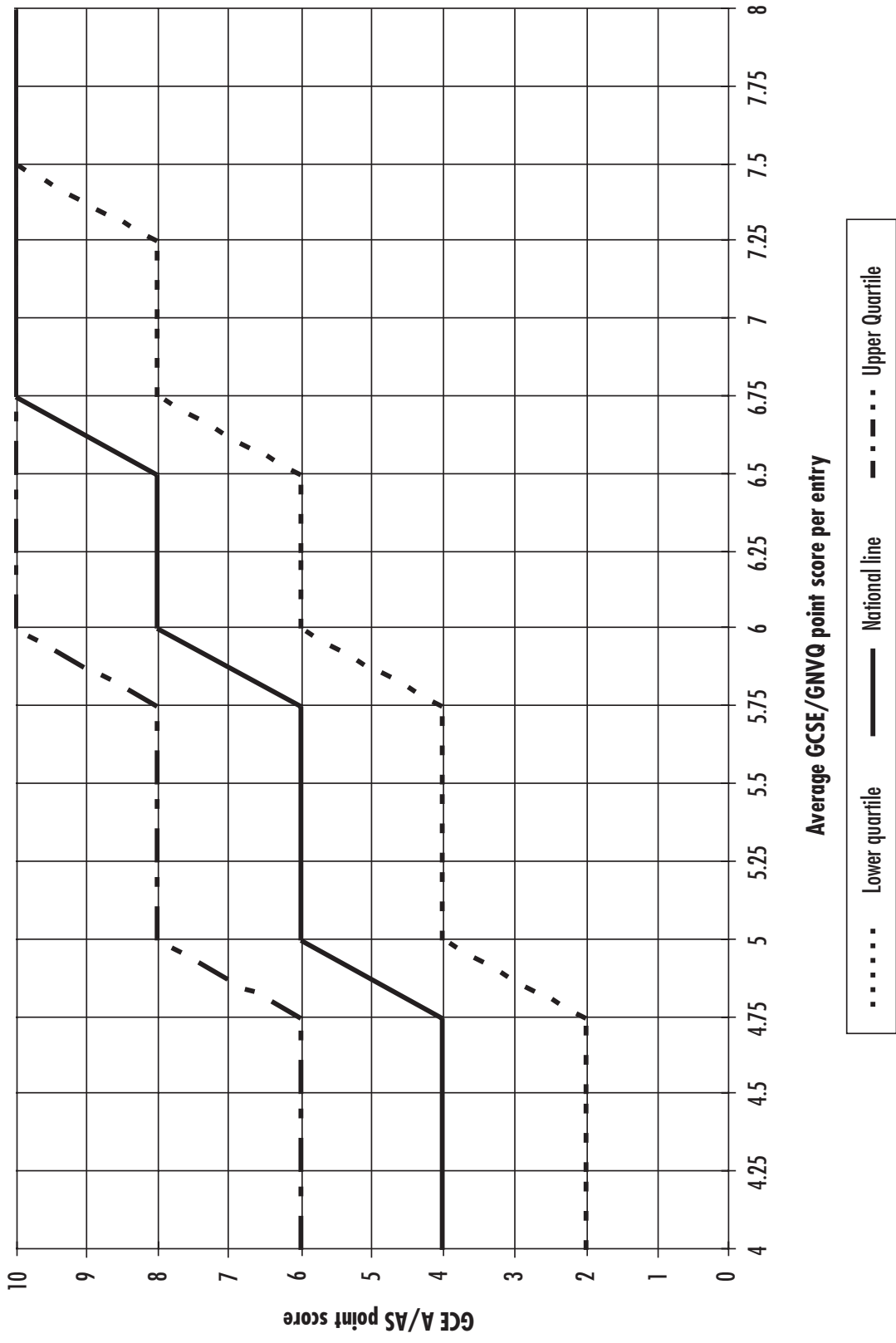
**CHART 12: CHEMISTRY – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’**



**CHART 13: BIOLOGICAL SCIENCES – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’**

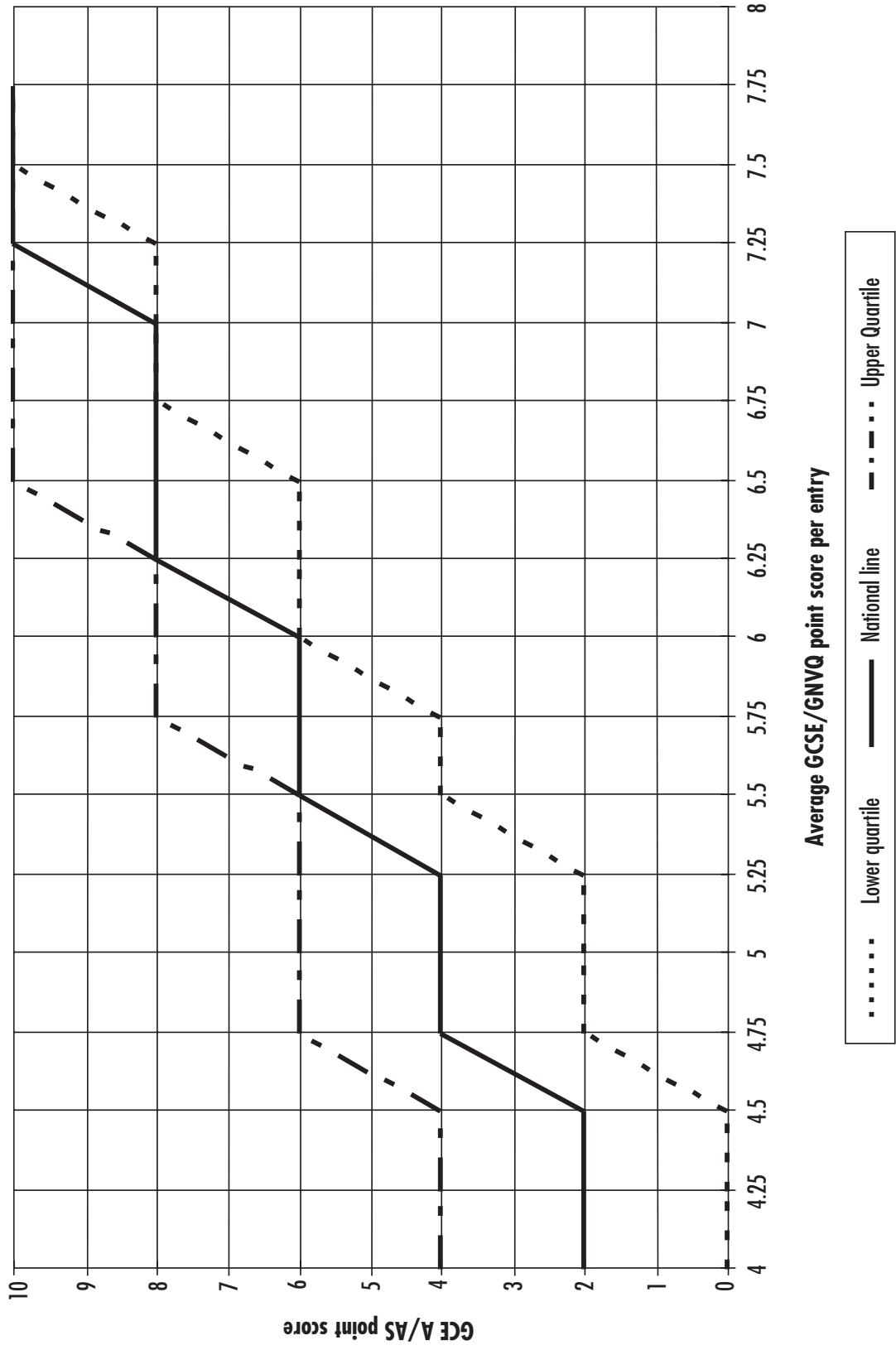


ART – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 1998/99

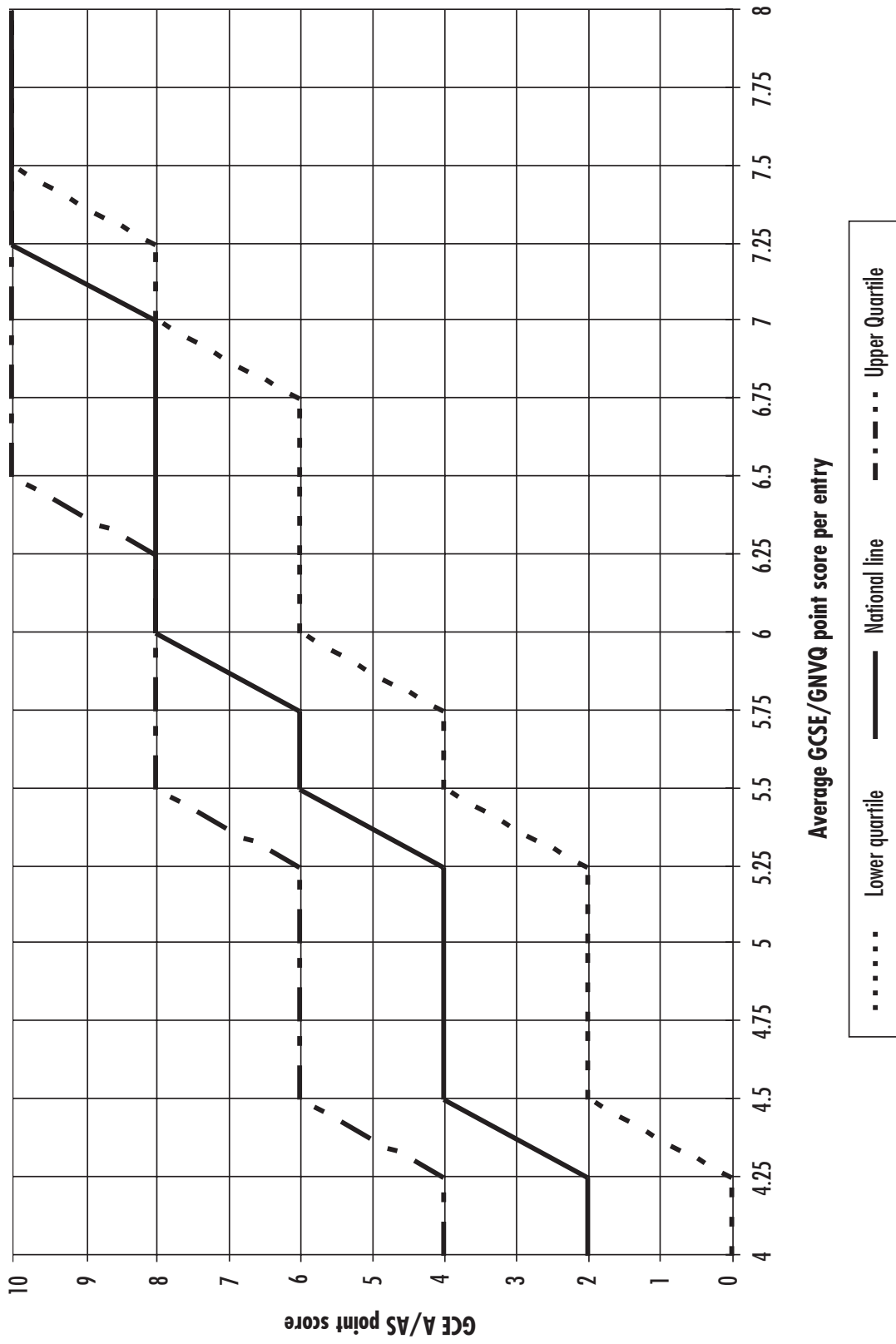




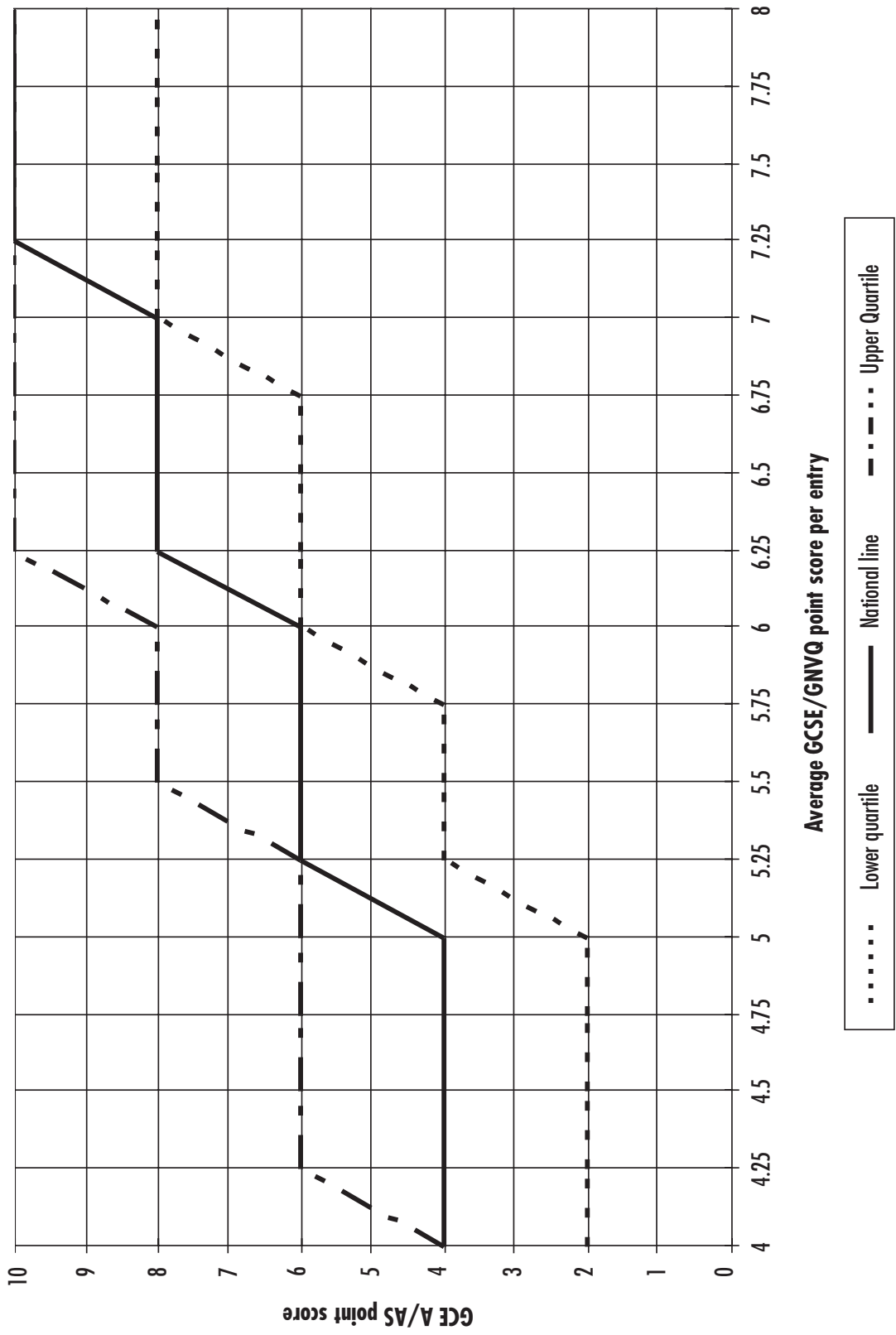
**BUSINESS STUDIES – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



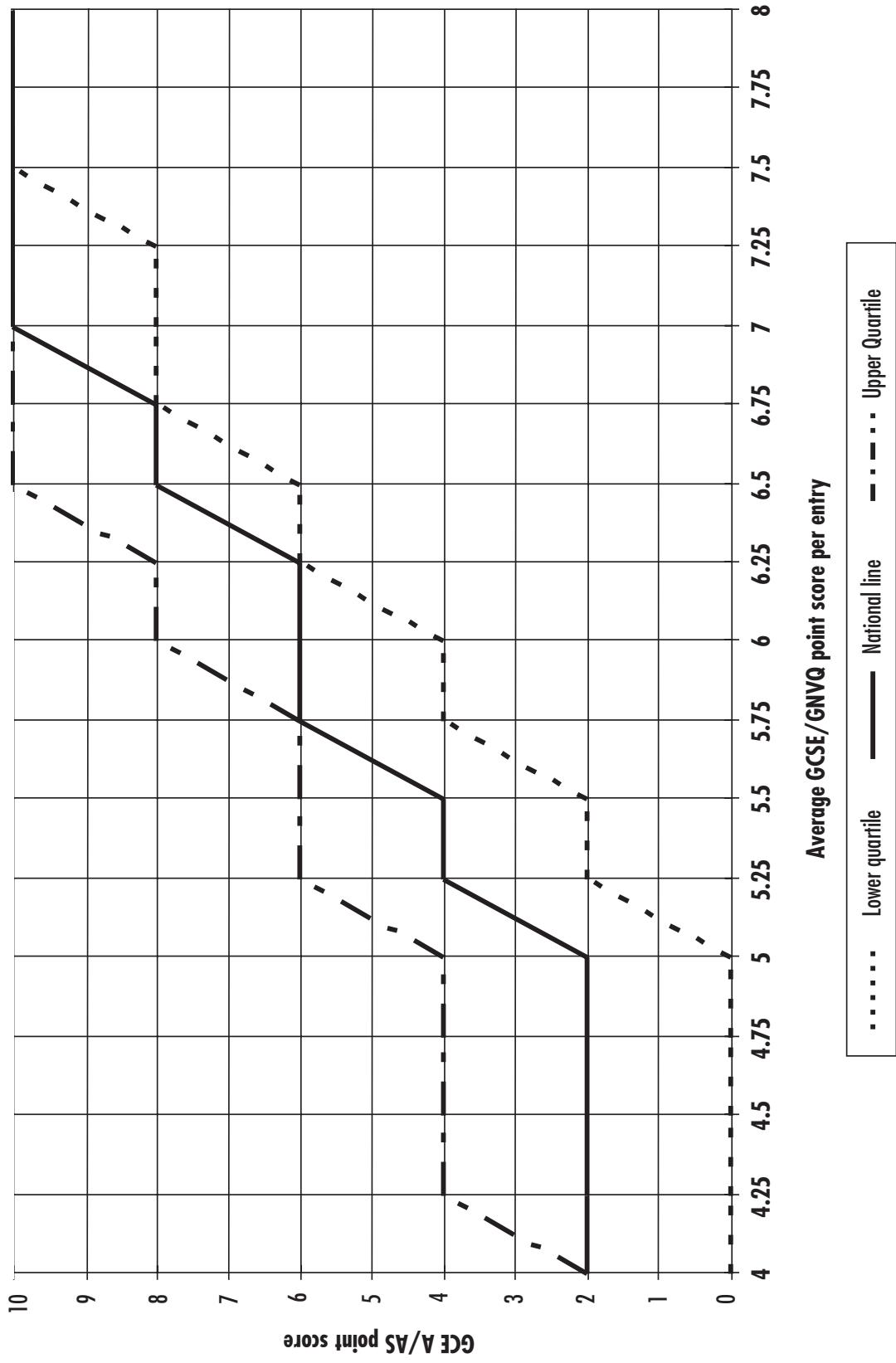
**CLASSICAL STUDIES – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



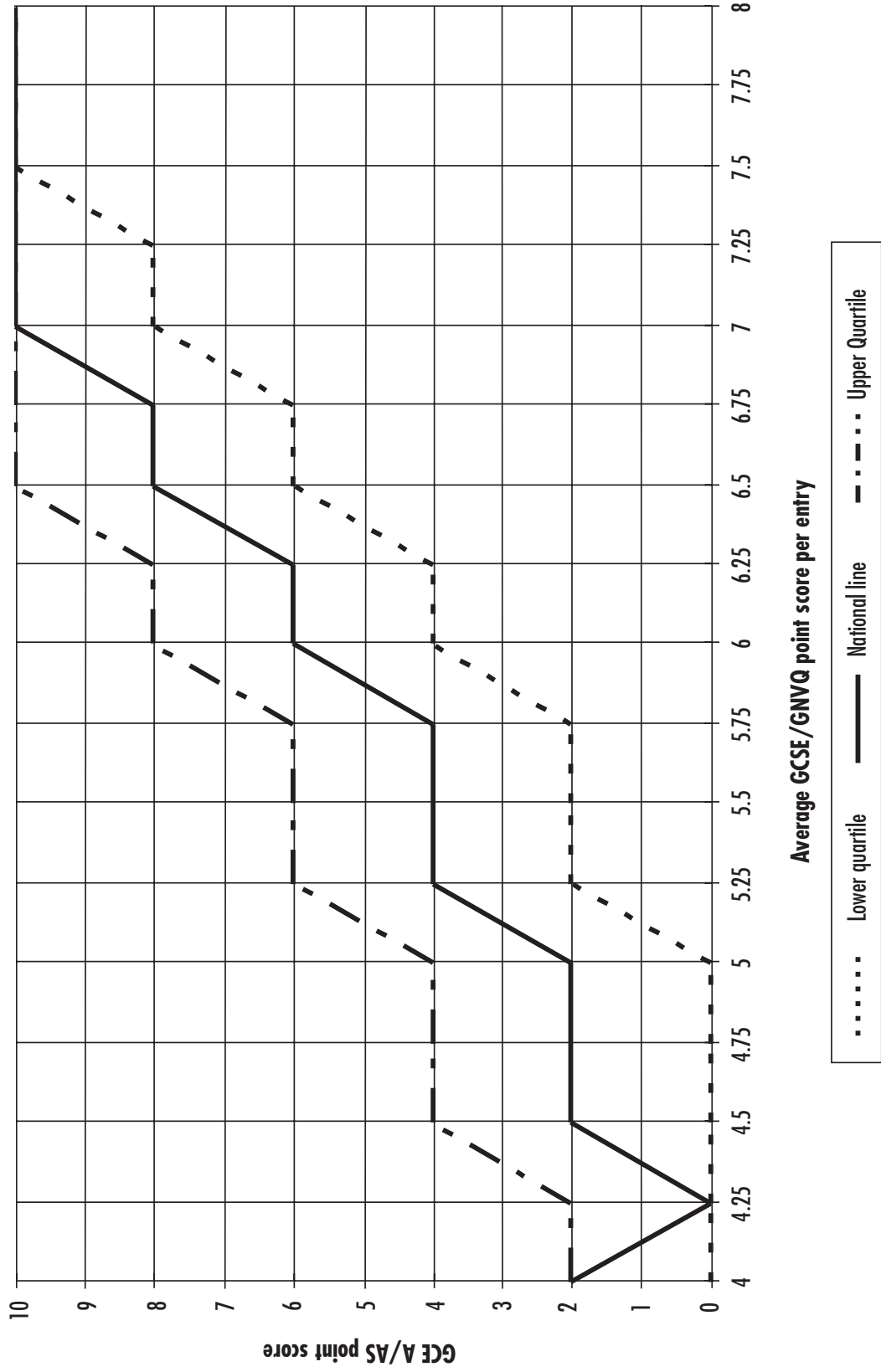
**COMMUNICATION STUDIES – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



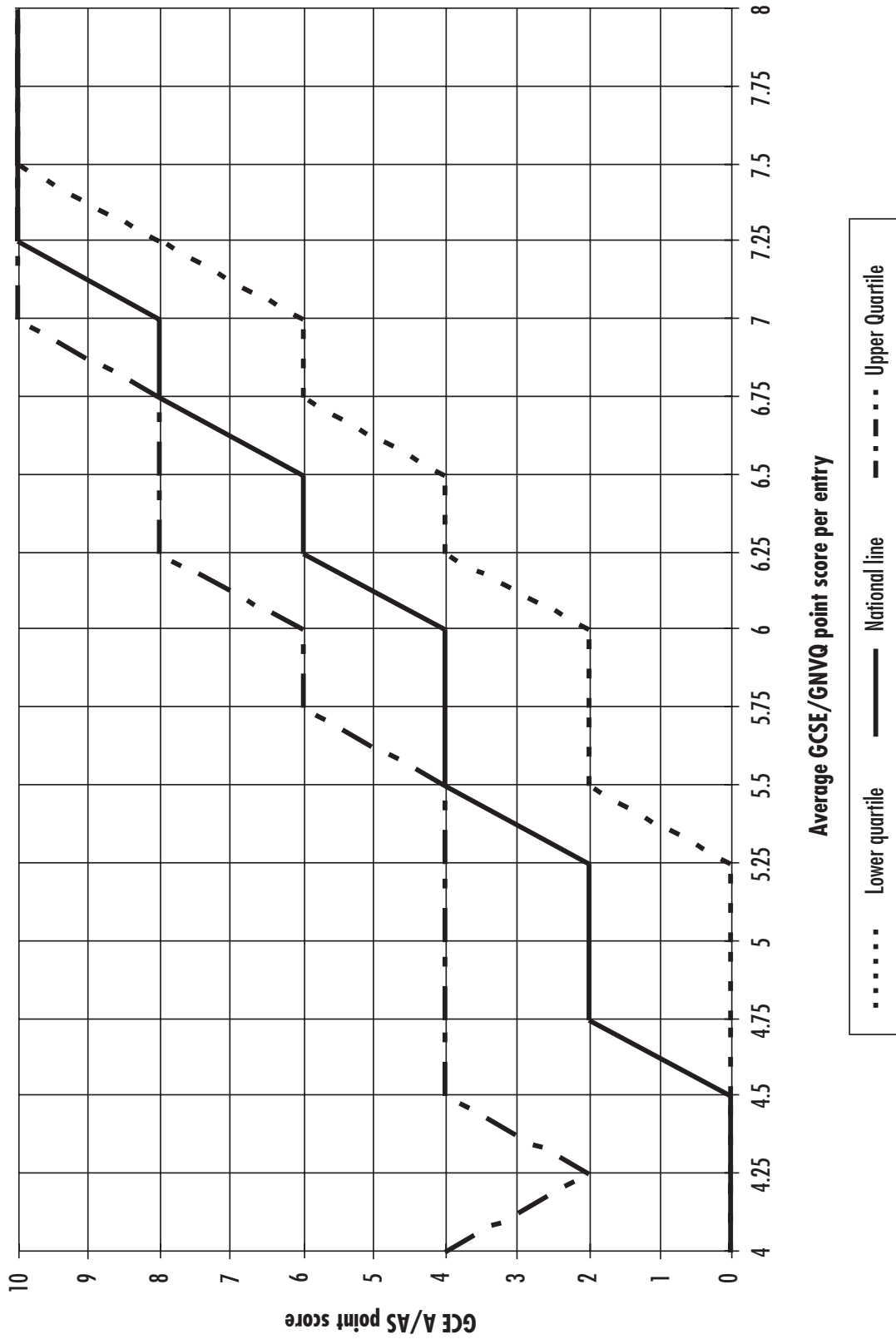
**COMPUTER STUDIES – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



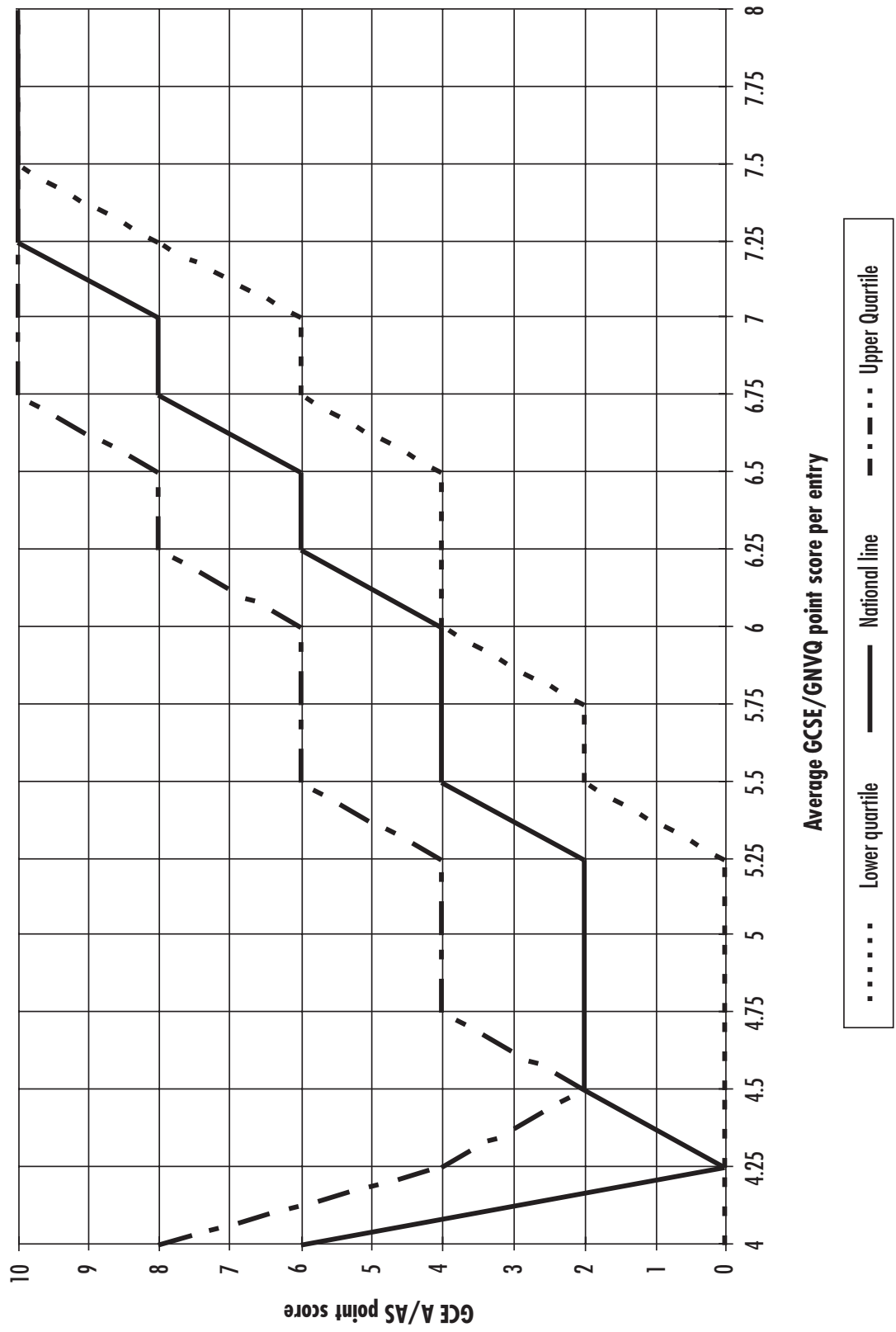
**ECONOMICS – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



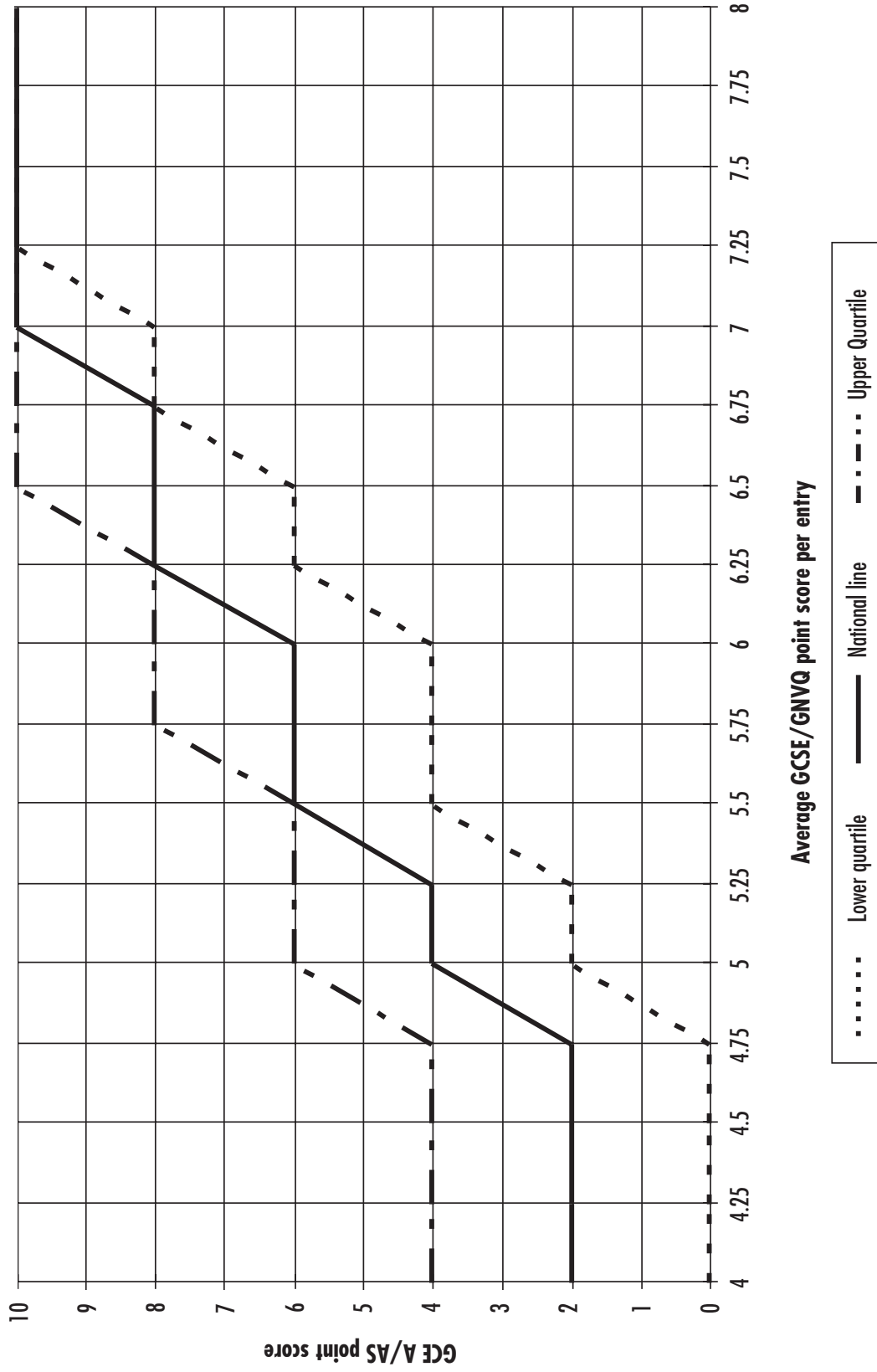
**FRENCH — 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' — 1998/99**



**GERMAN – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**

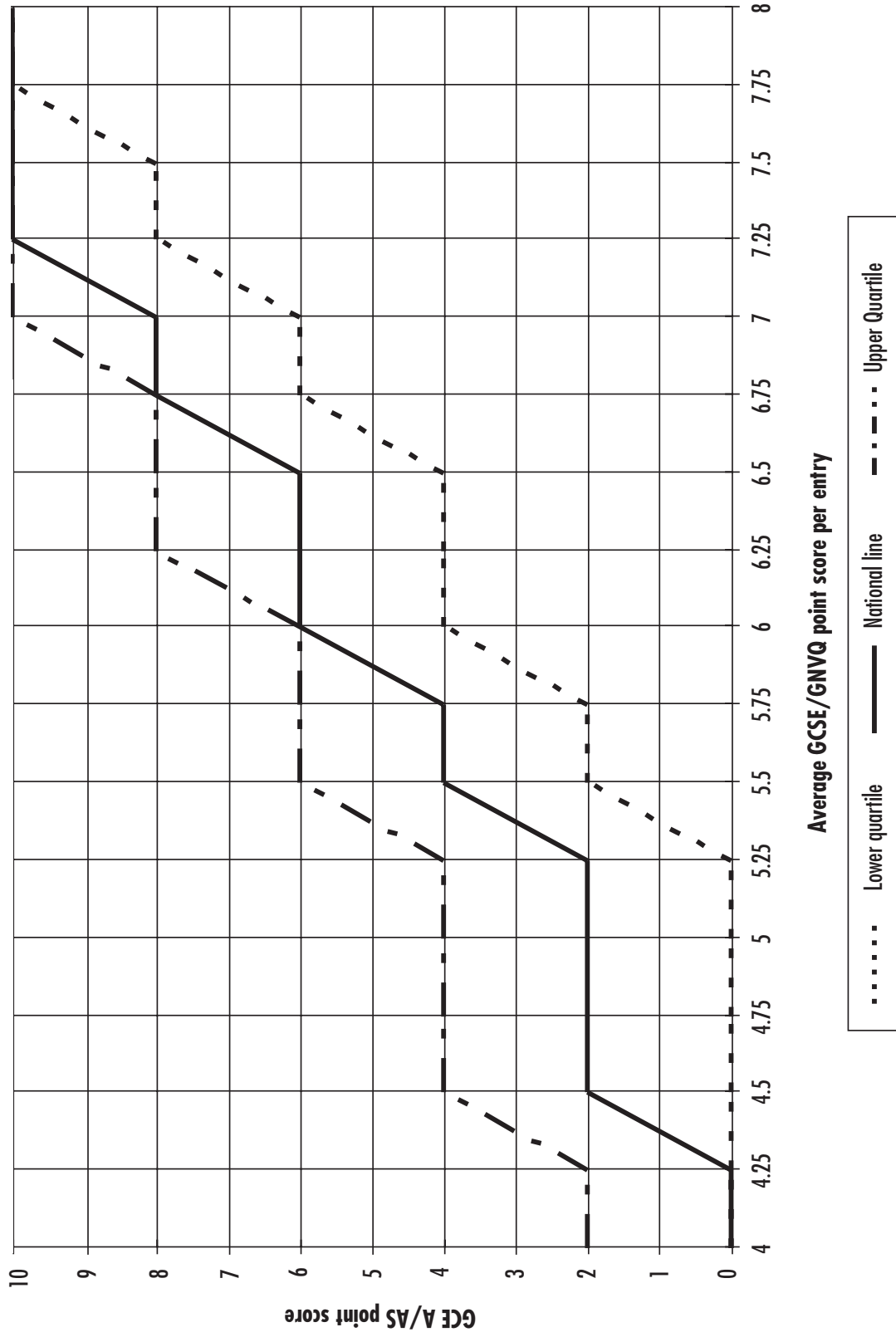


**GEOGRAPHY – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**

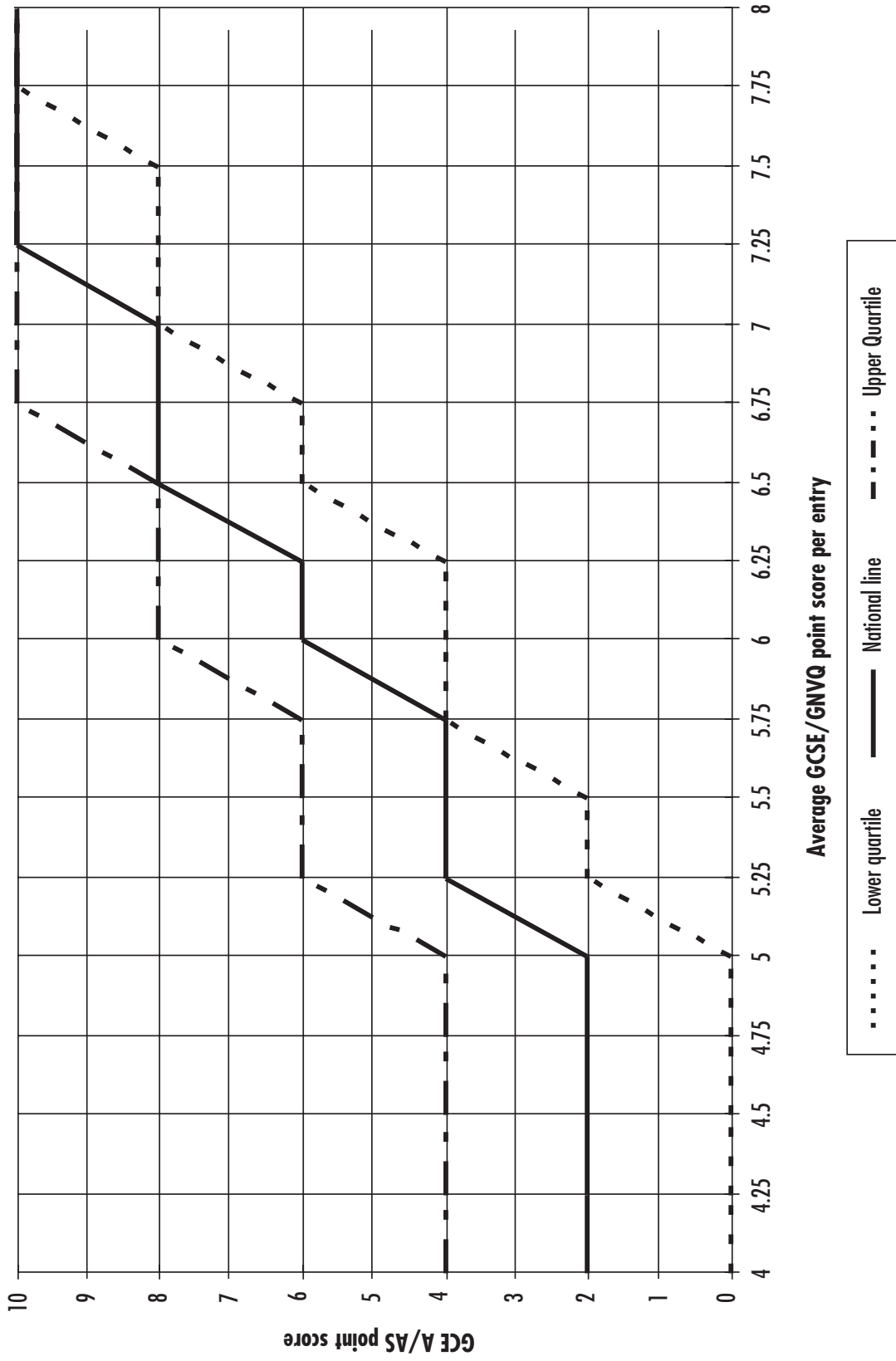




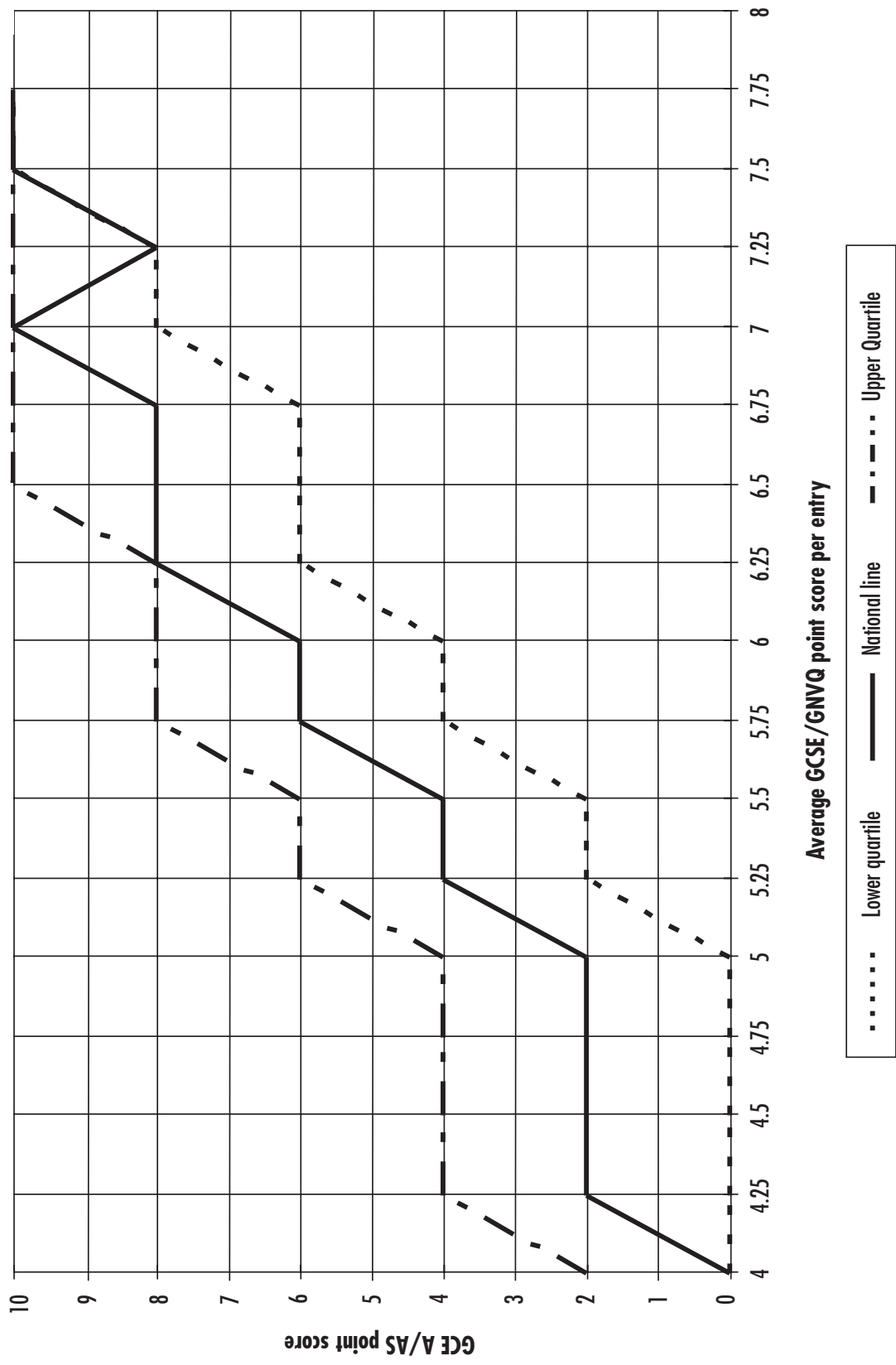
**GENERAL STUDIES – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



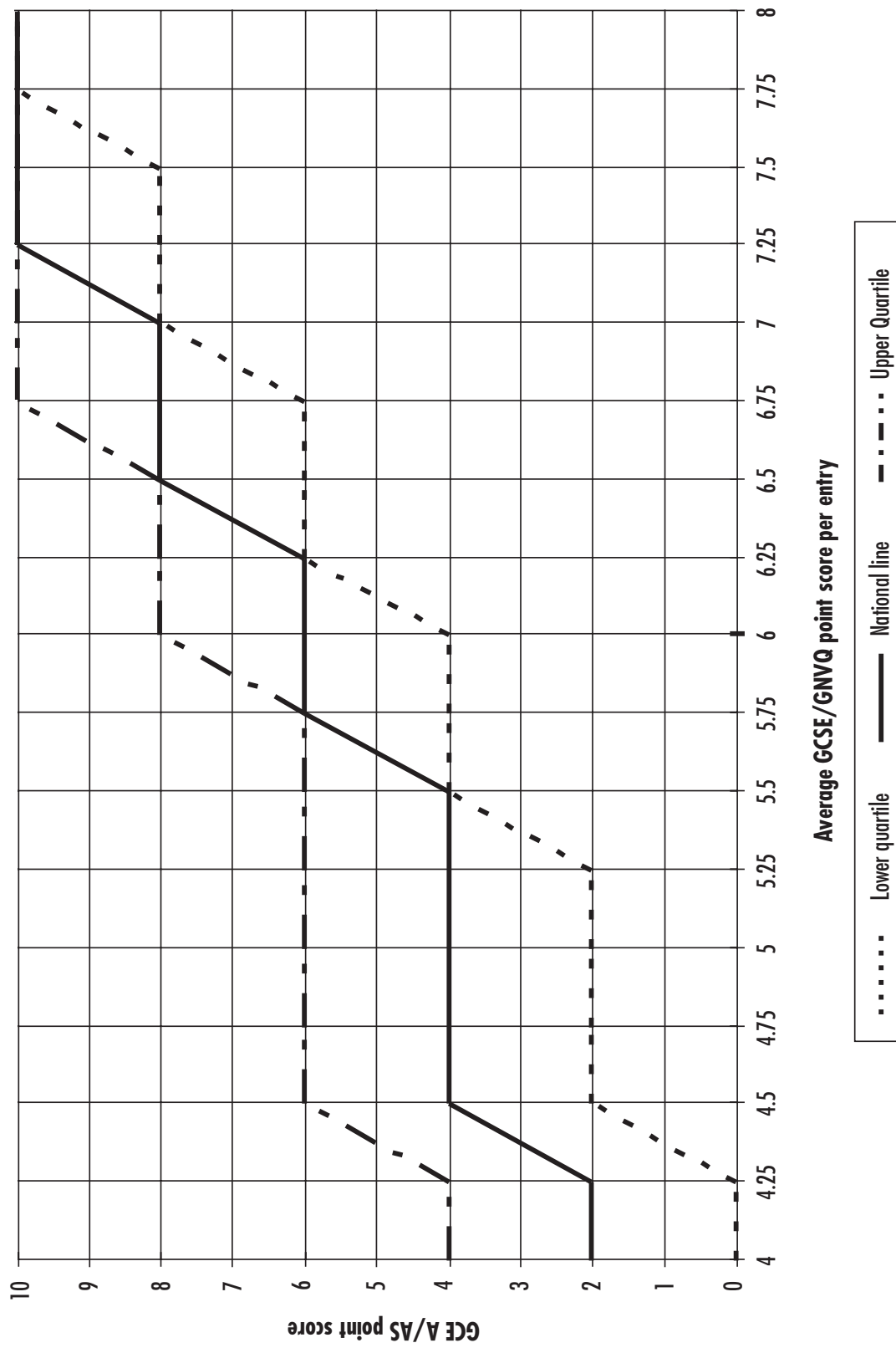
**HISTORY – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



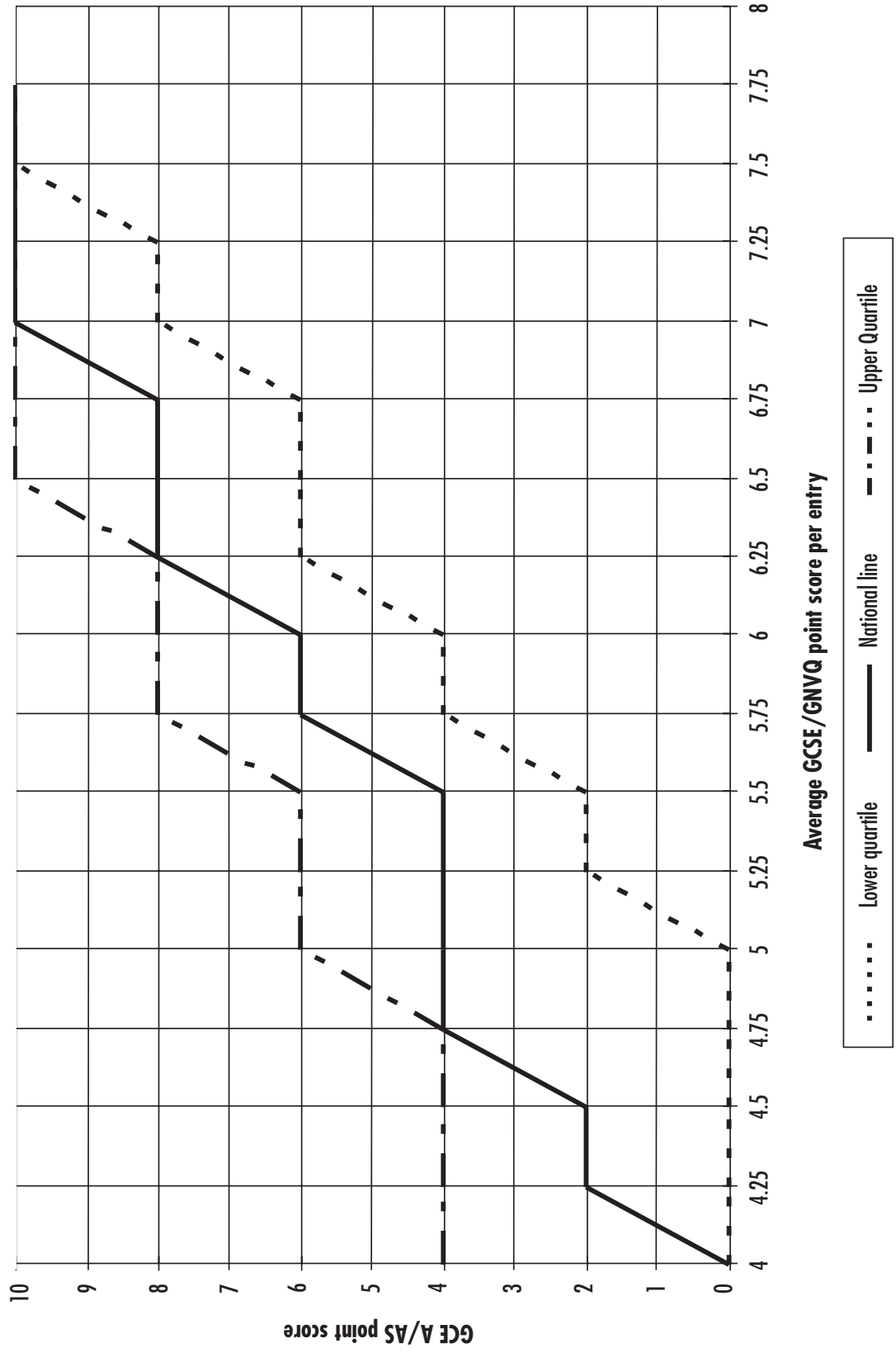
**HOME ECONOMICS – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



**MUSIC -- 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' -- 1998/99**



**RELIGIOUS STUDIES – ‘average GCSE/GNVQ point score per entry’ against ‘GCE A/AS point score’ – 1998/99**



**DESIGN & TECHNOLOGY – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 1998/99**

