

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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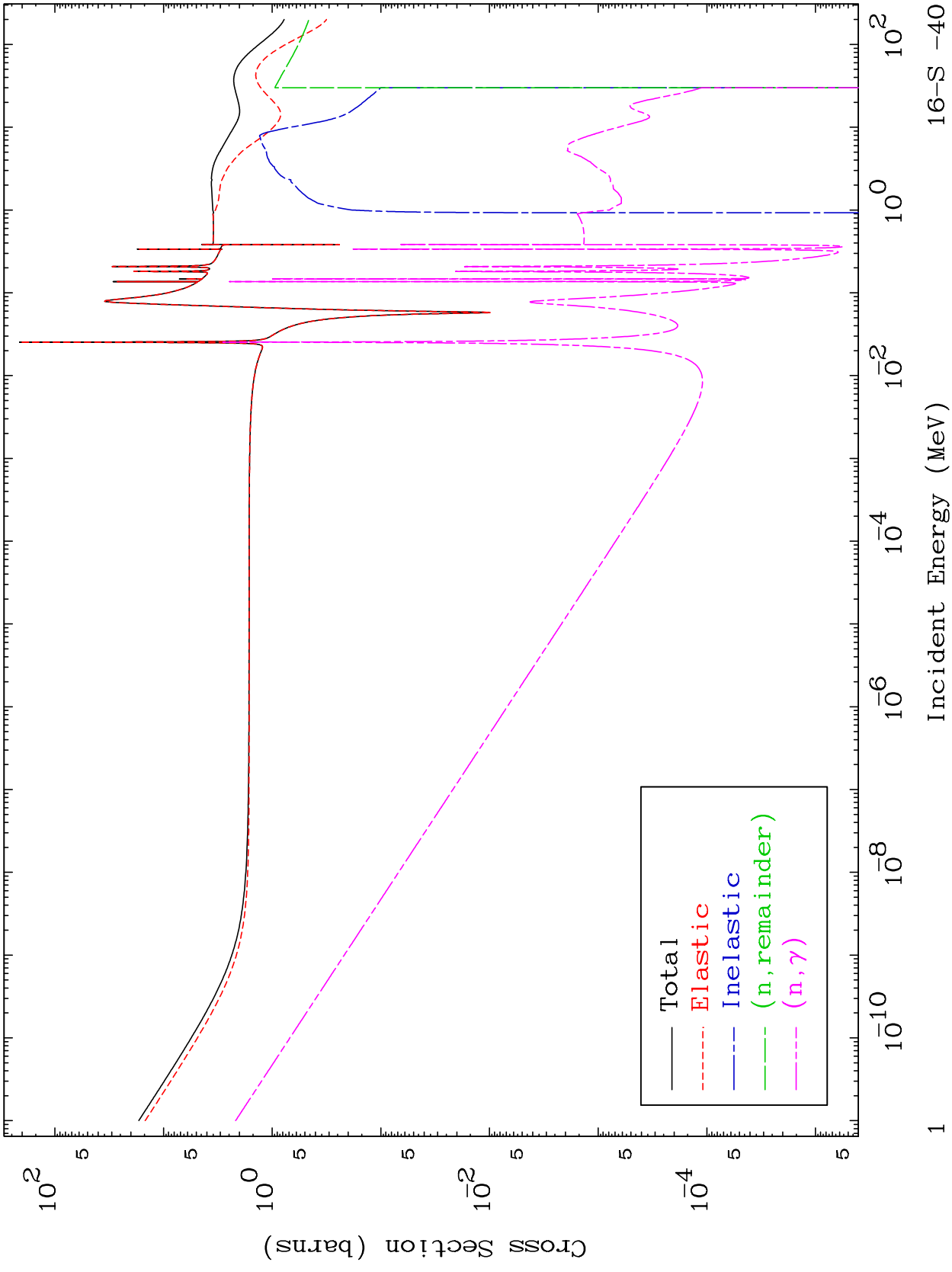
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1649

Major  
293 Kelvin Cross Sections

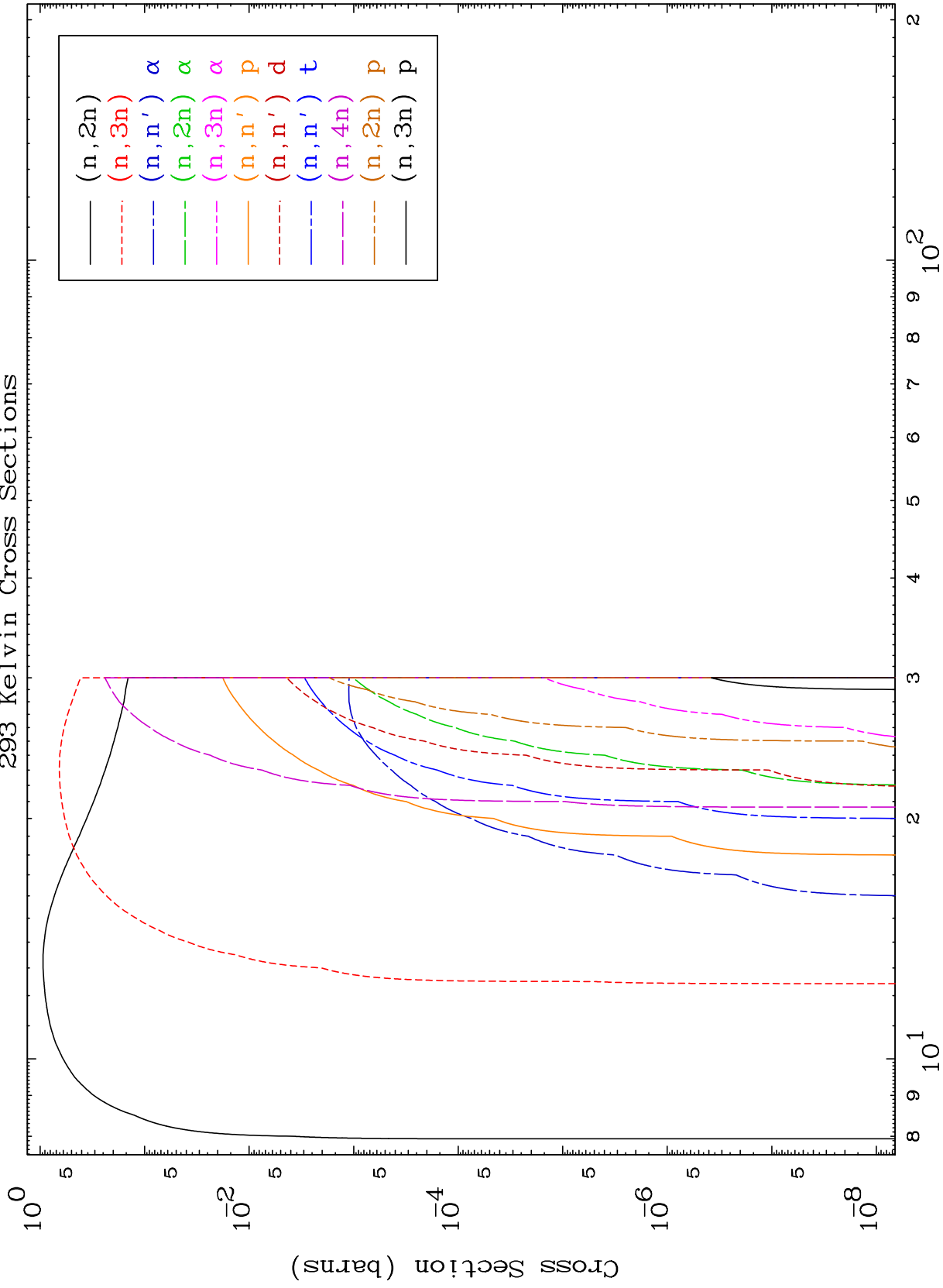
16-S -40



MAT 1649

Neutron Production  
293 Kelvin Cross Sections

16-S -40



2

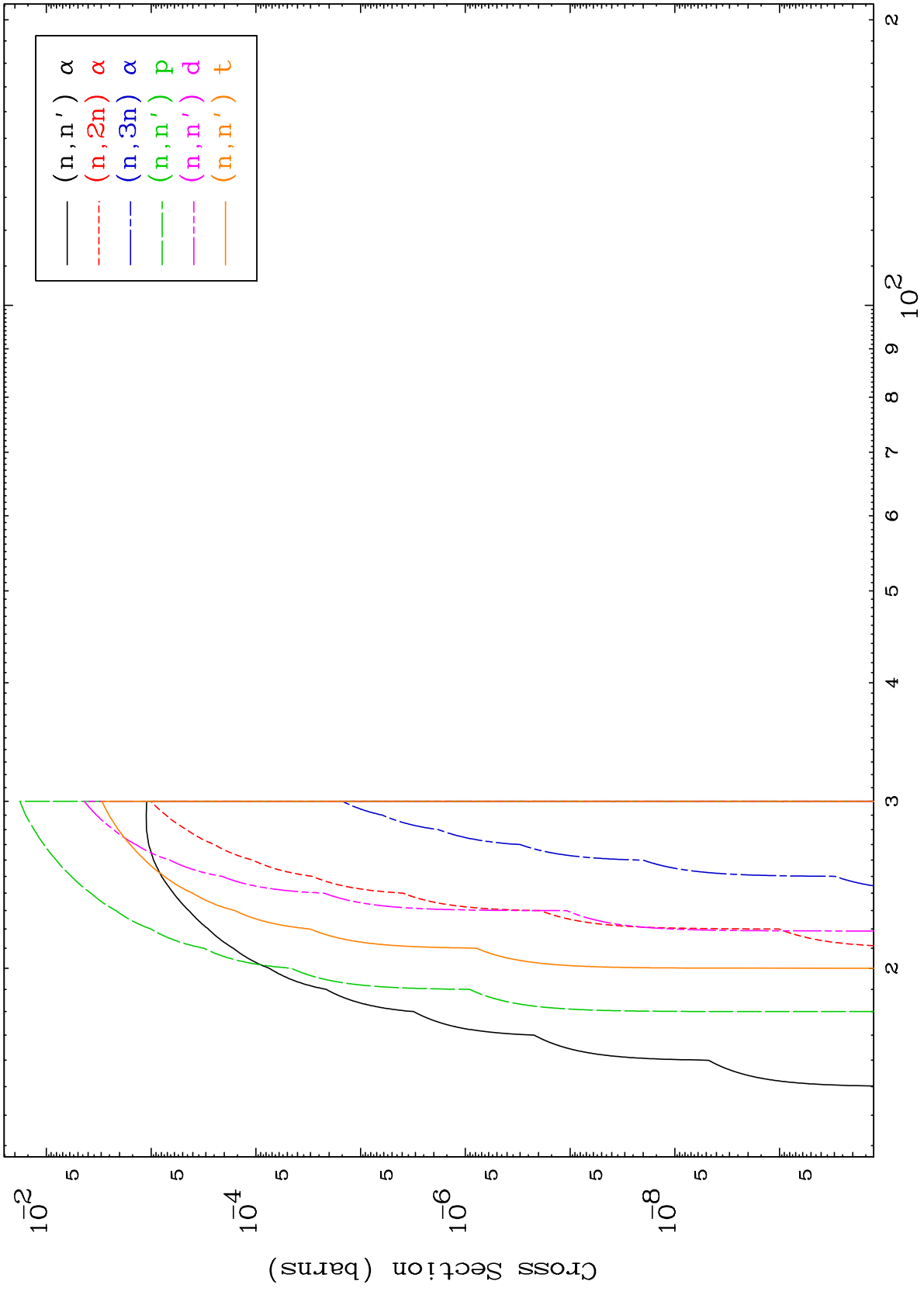
Incident Energy (MeV)

16-S -40

MAT 1649

Charged Particle  
293 Kelvin Cross Sections

16-S -40



3

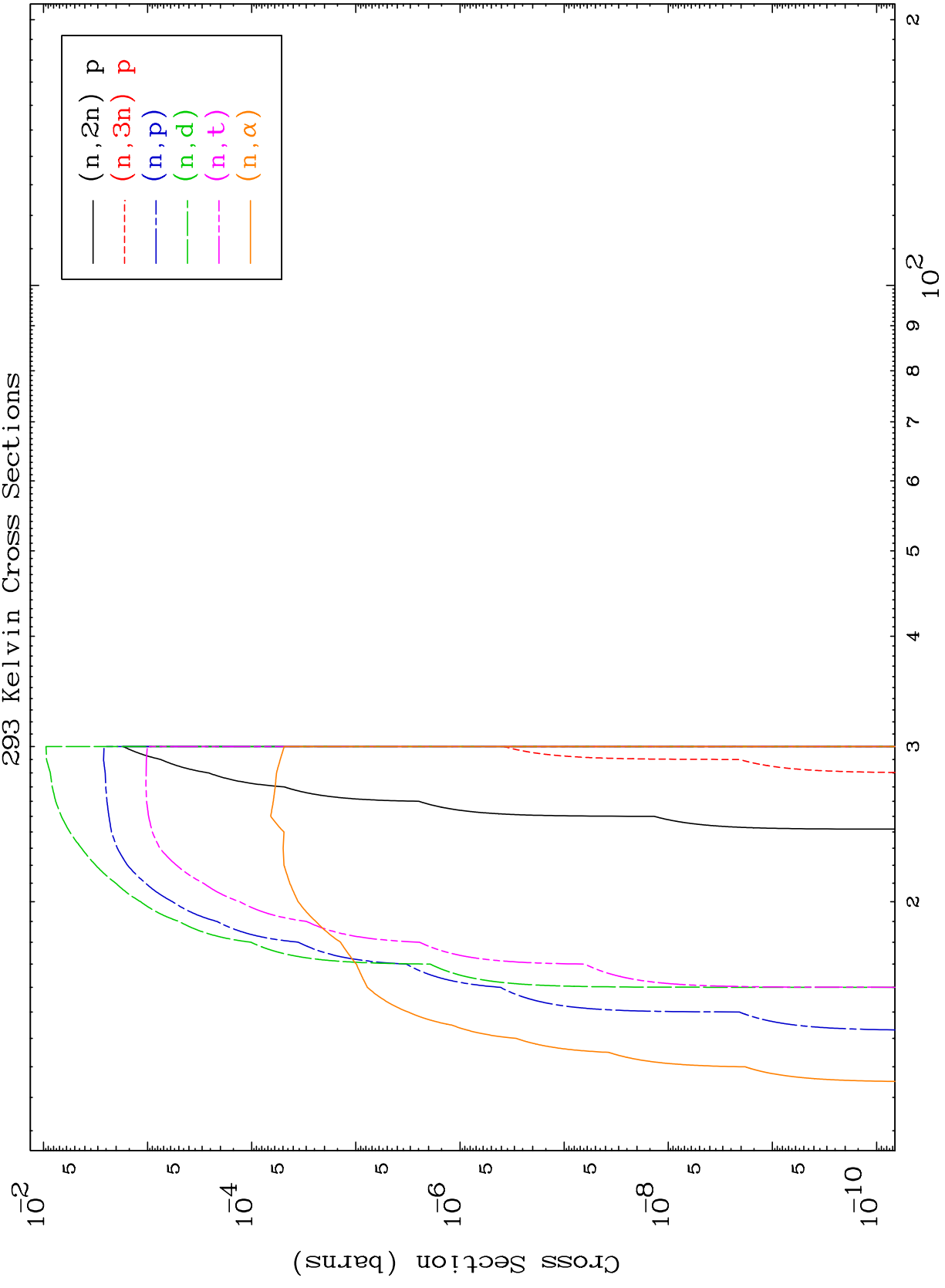
Incident Energy (MeV)

16-S -40

MAT 1649

293 Kelvin Cross Sections

16-S -40

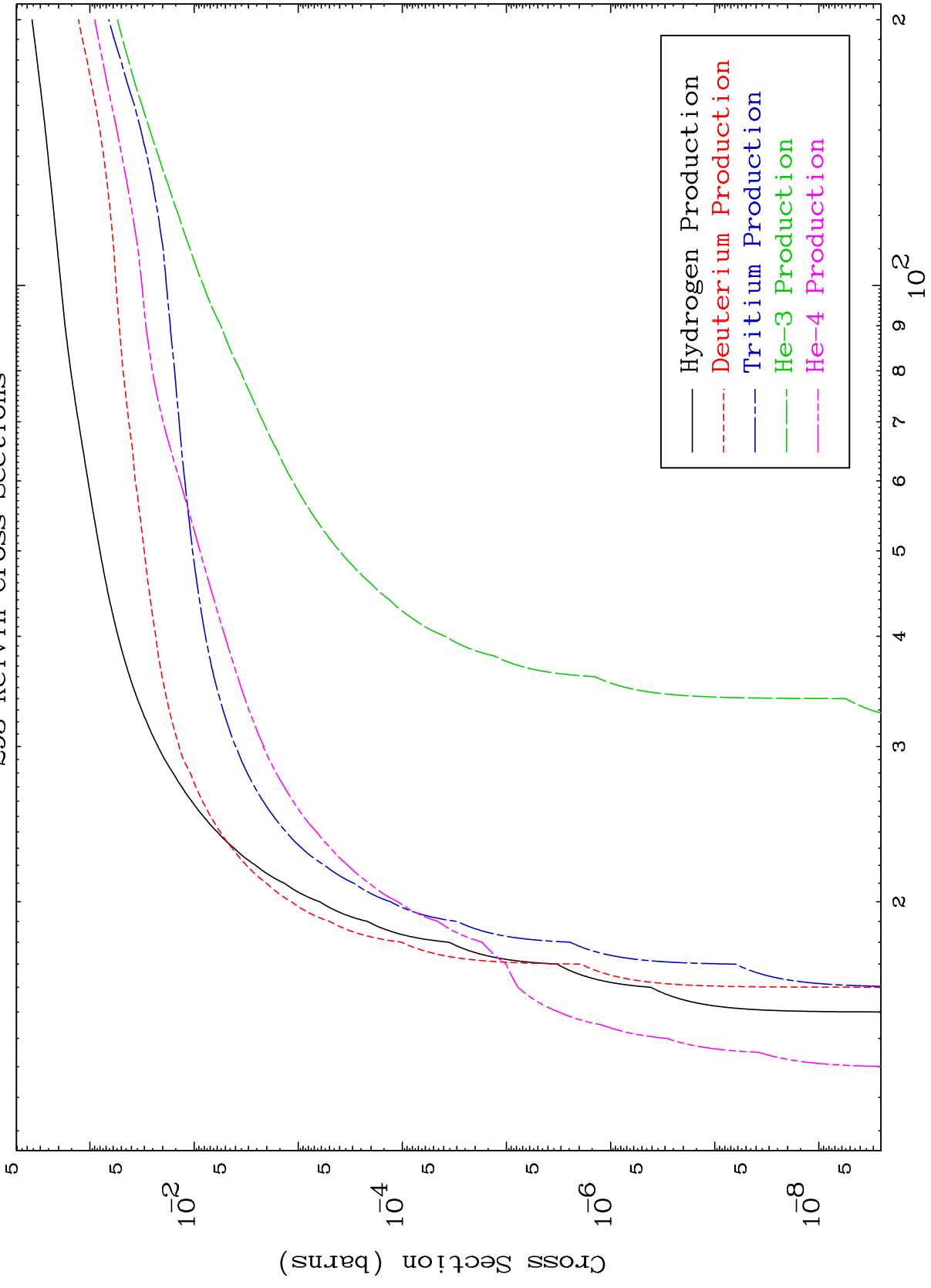


16-S -40

Incident Energy (MeV)

4

MAT 1649 Particle Production 293 Kelvin Cross Sections 16-S -40



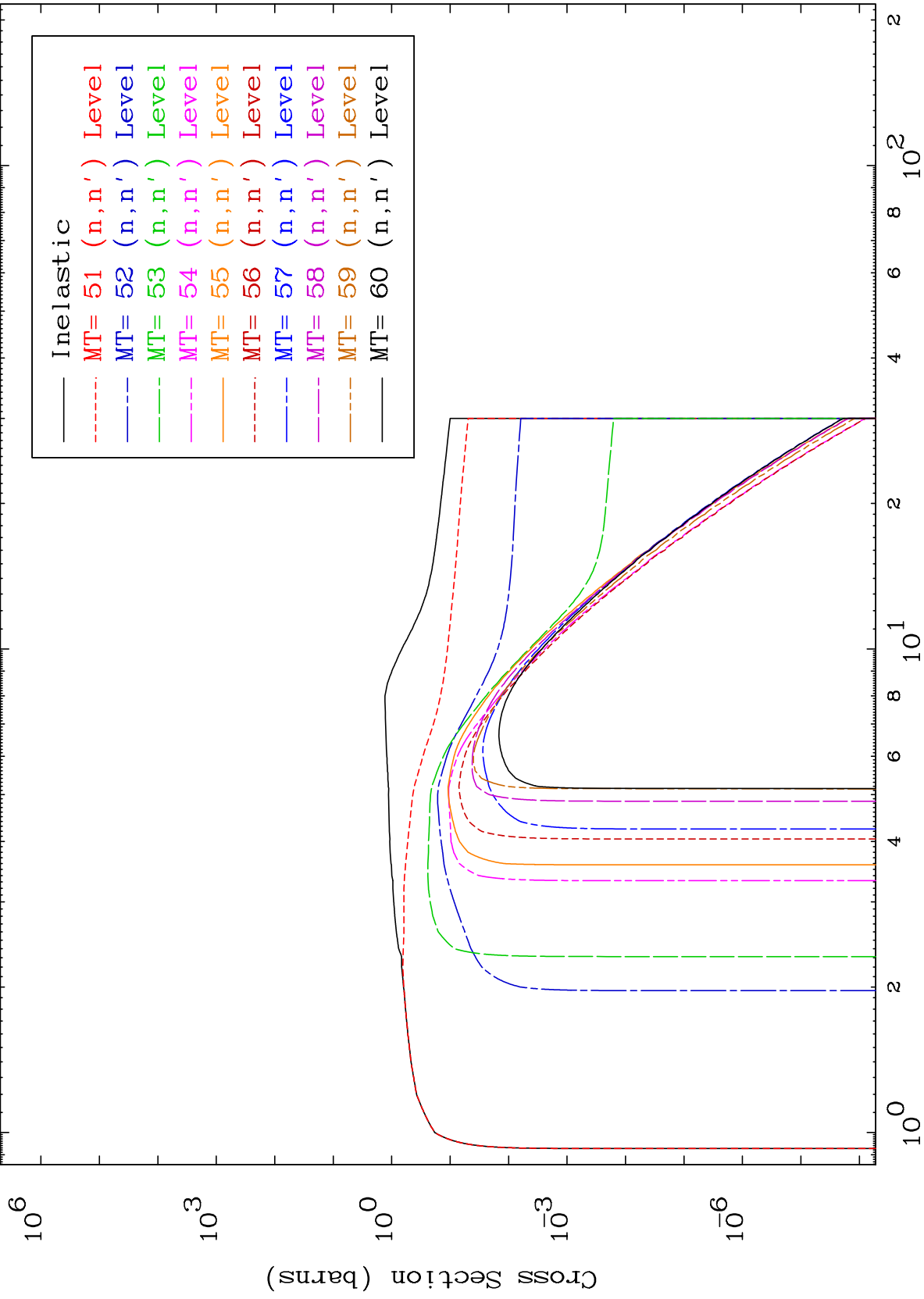
5 Incident Energy (MeV) 16-S -40

MAT 1649

(n,n') Level

16-S -40

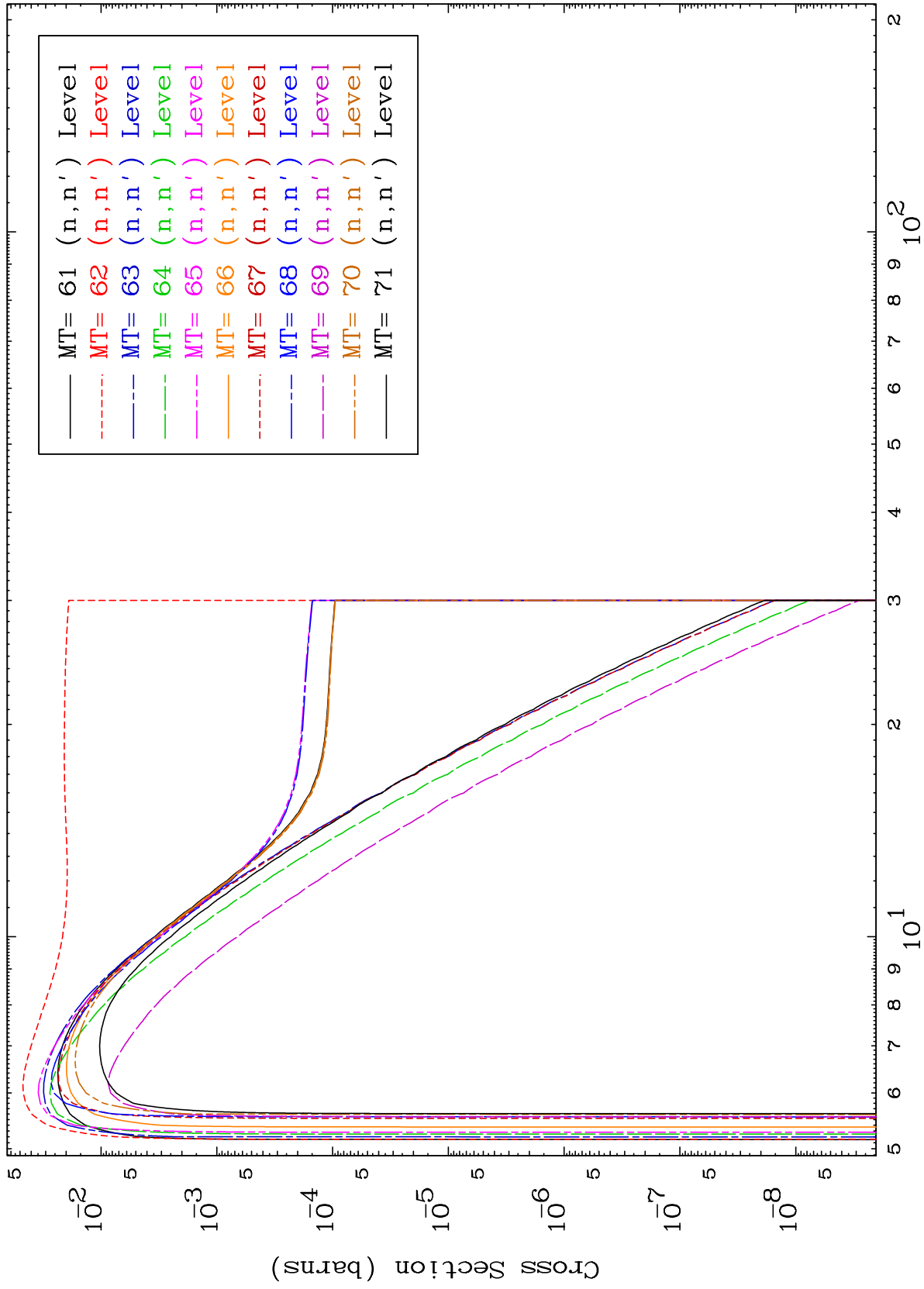
293 Kelvin Cross Sections



MAT 1649

(n,n') Level  
293 Kelvin Cross Sections

16-S -40

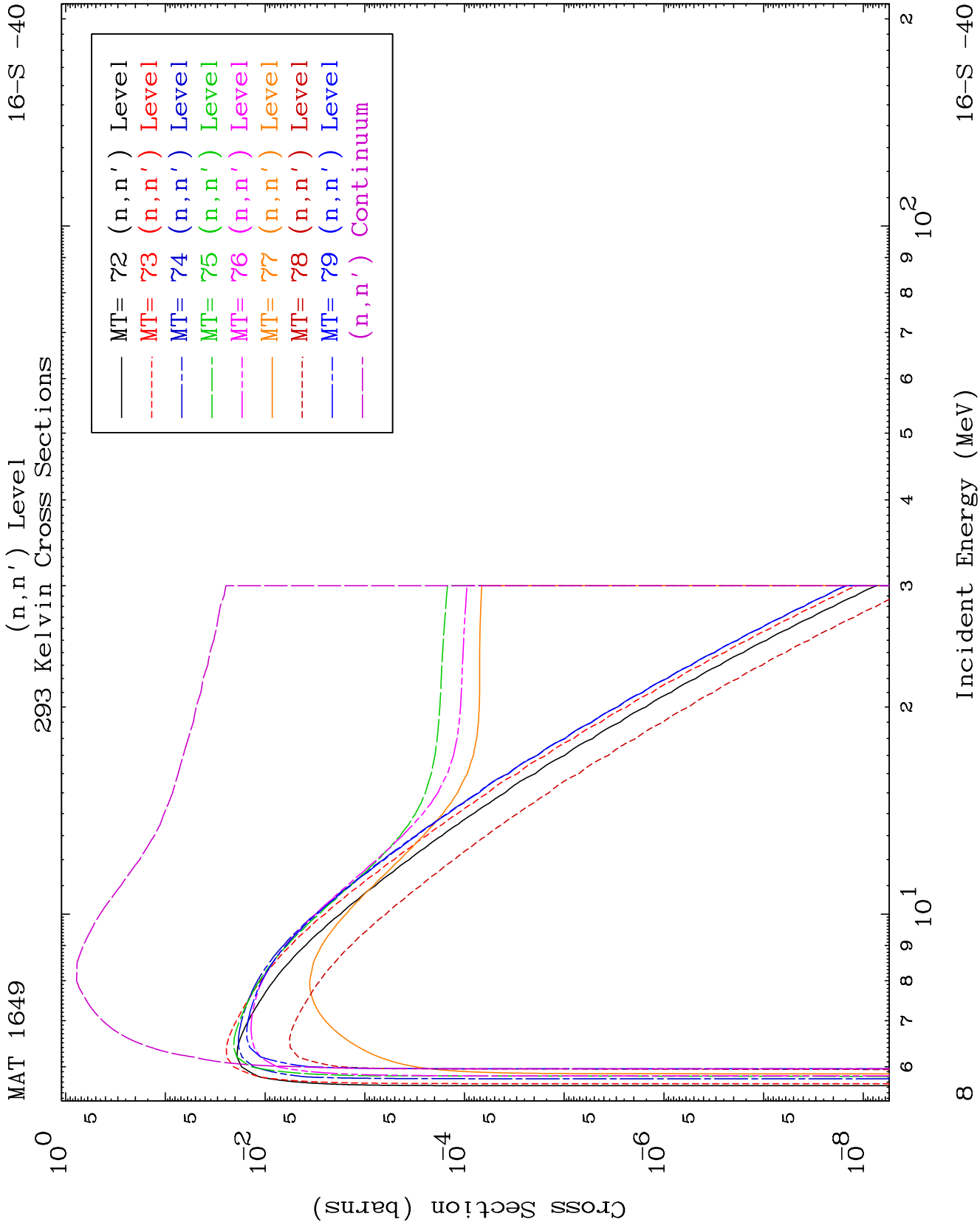


7

Incident Energy (MeV)

16-S -40

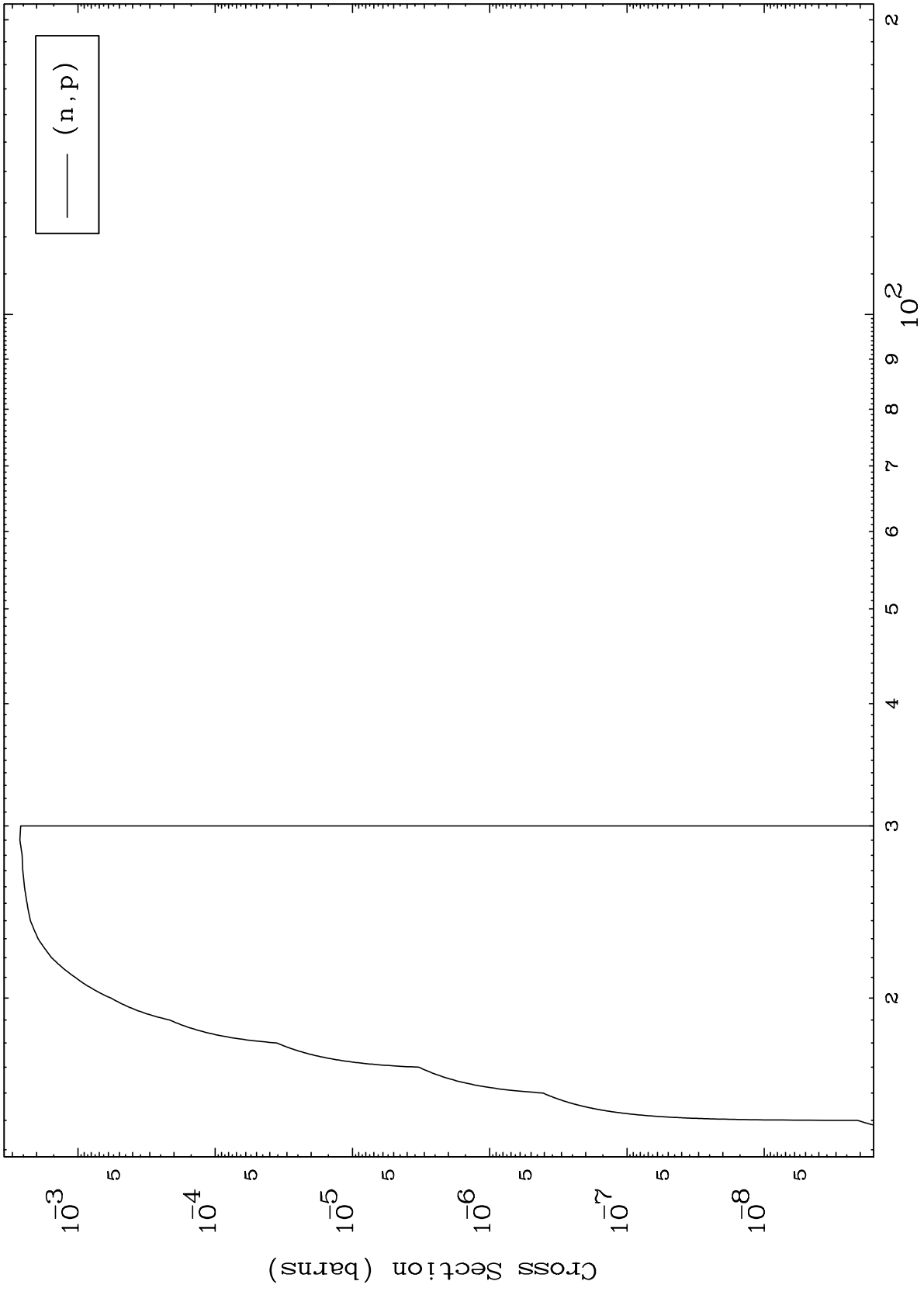




MAT 1649

(n,p) Levels  
293 Kelvin Cross Sections

16-S -40



9

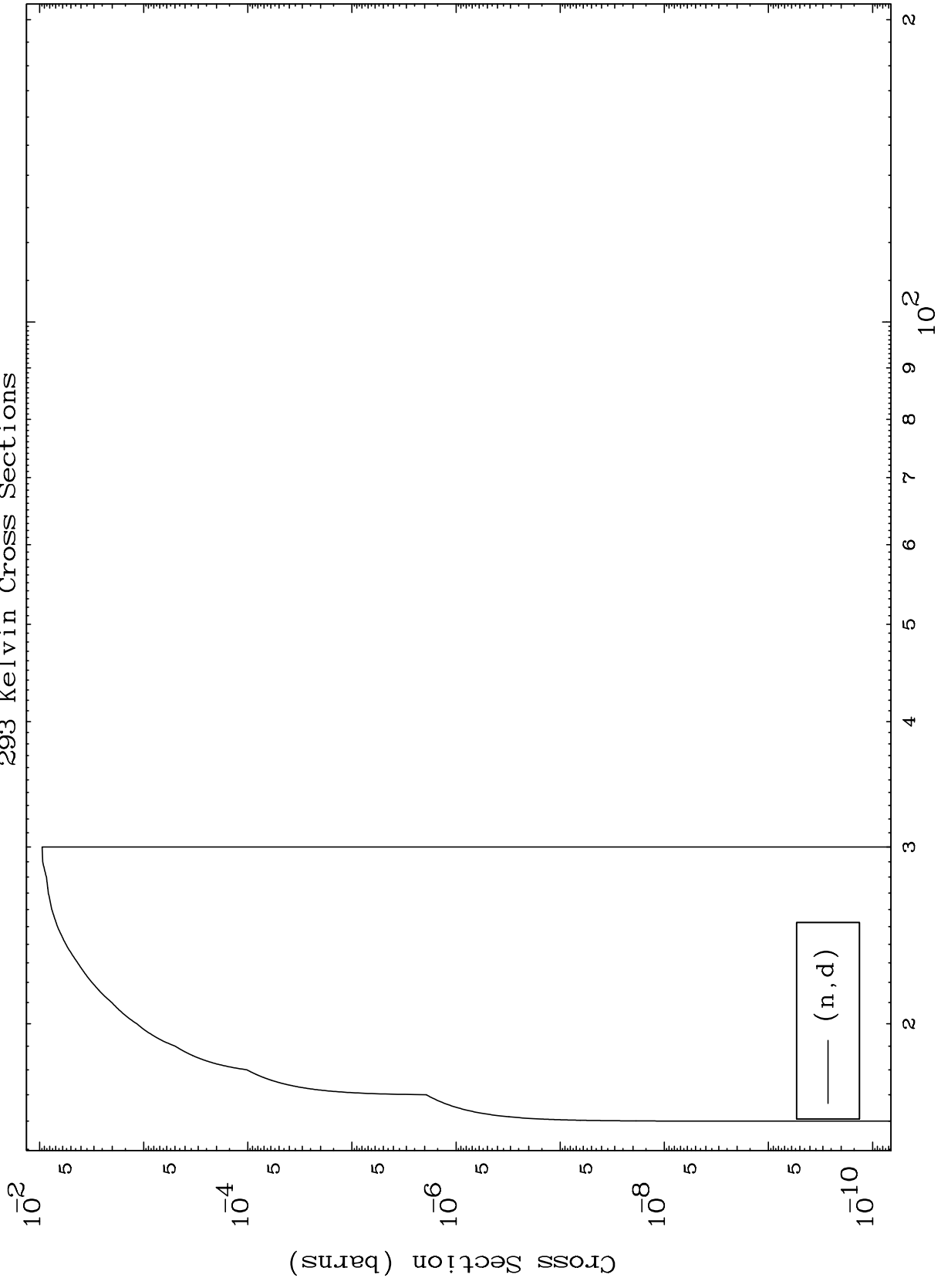
Incident Energy (MeV)

16-S -40

MAT 1649

(n,d) Levels  
293 Kelvin Cross Sections

16-S -40



10

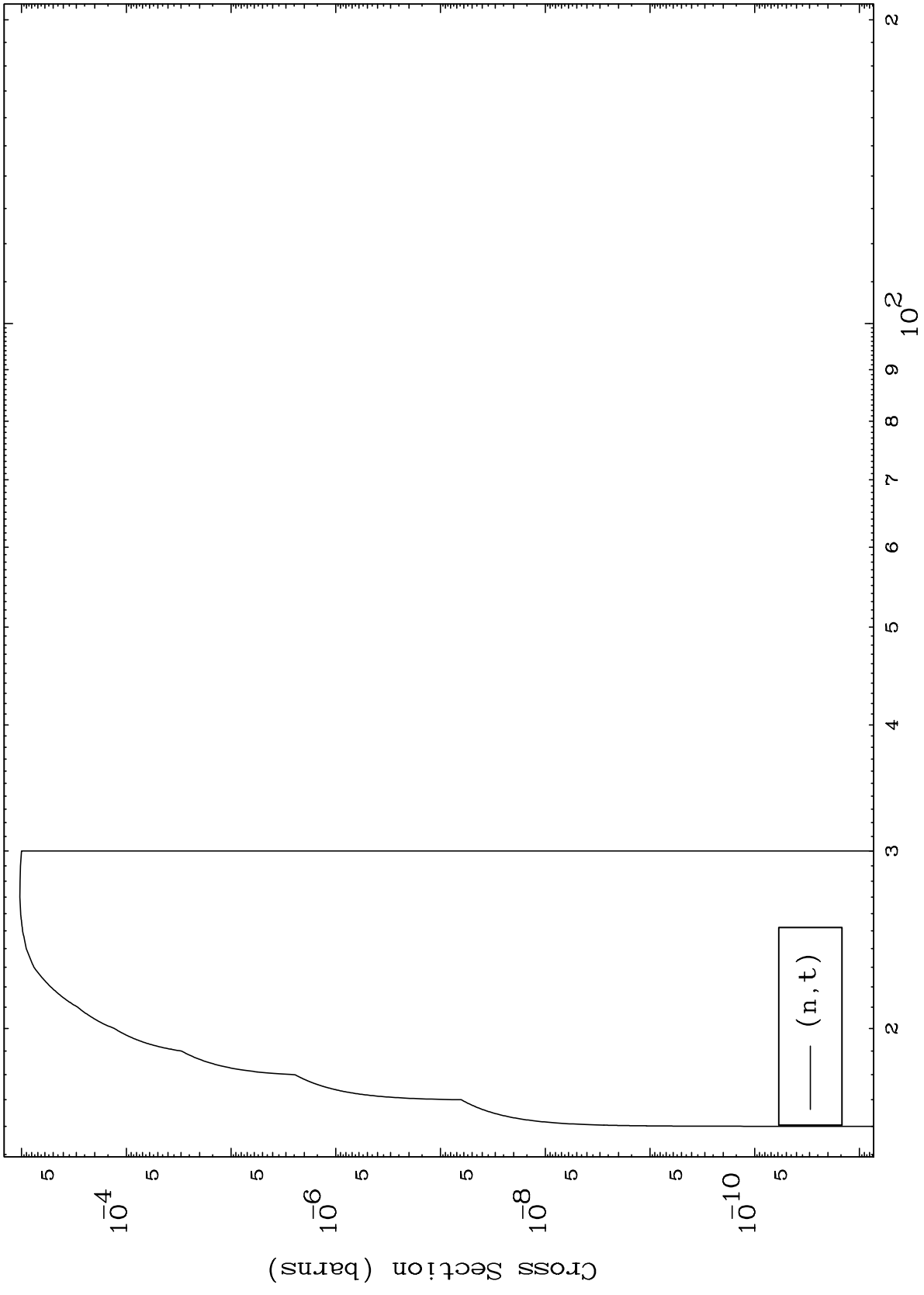
Incident Energy (MeV)

16-S -40

MAT 1649

(n,t) Levels  
293 Kelvin Cross Sections

16-S -40



11

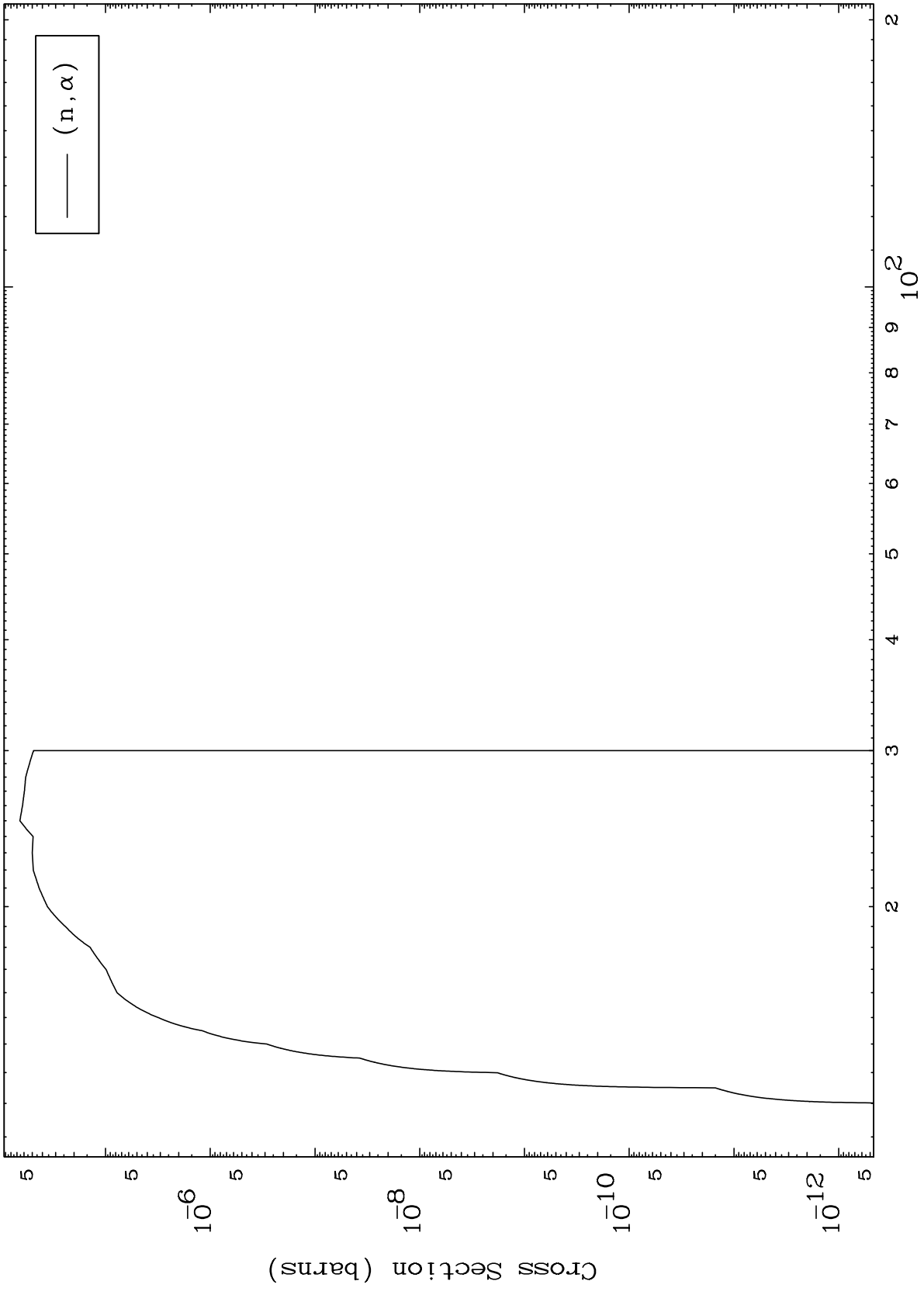
Incident Energy (MeV)

16-S -40

MAT 1649

(n,α) Levels  
293 Kelvin Cross Sections

16-S -40



12

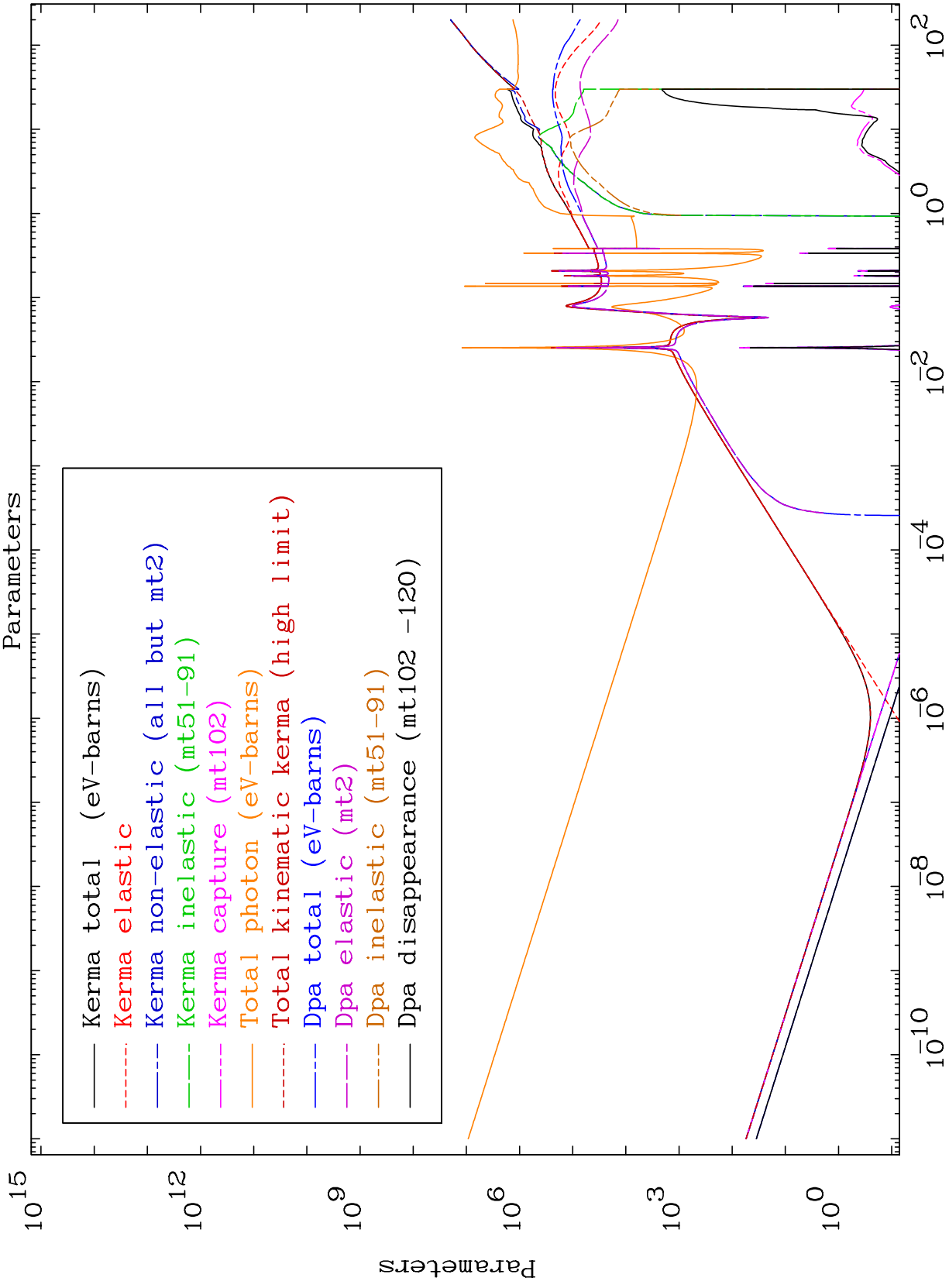
Incident Energy (MeV)

16-S -40

MAT 1649

Energy Release  
Parameters

16-S -40



13

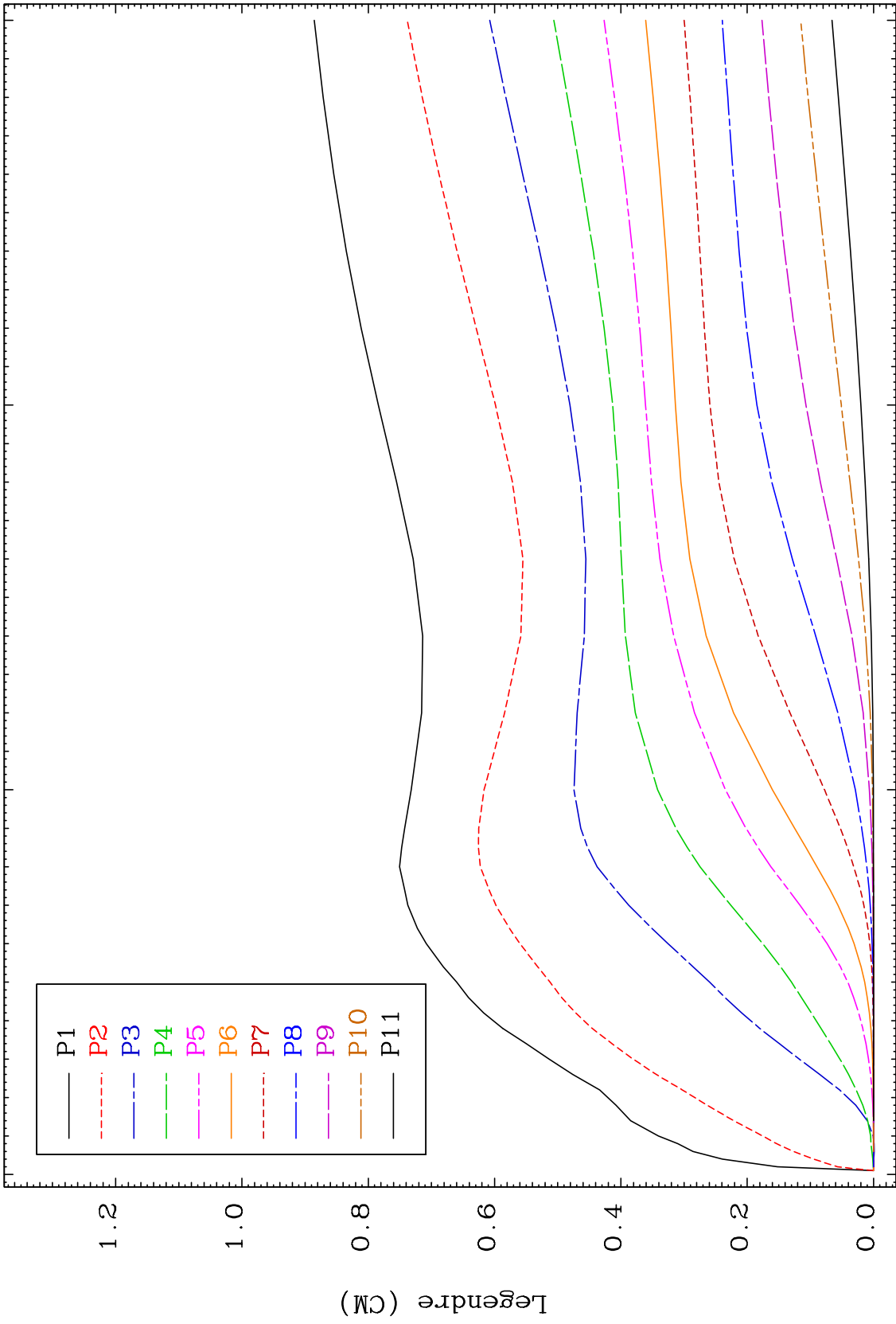
Incident Energy (MeV)

16-S -40

MAT 1649

Elastic Legendre Coefficients

16-S -40



14

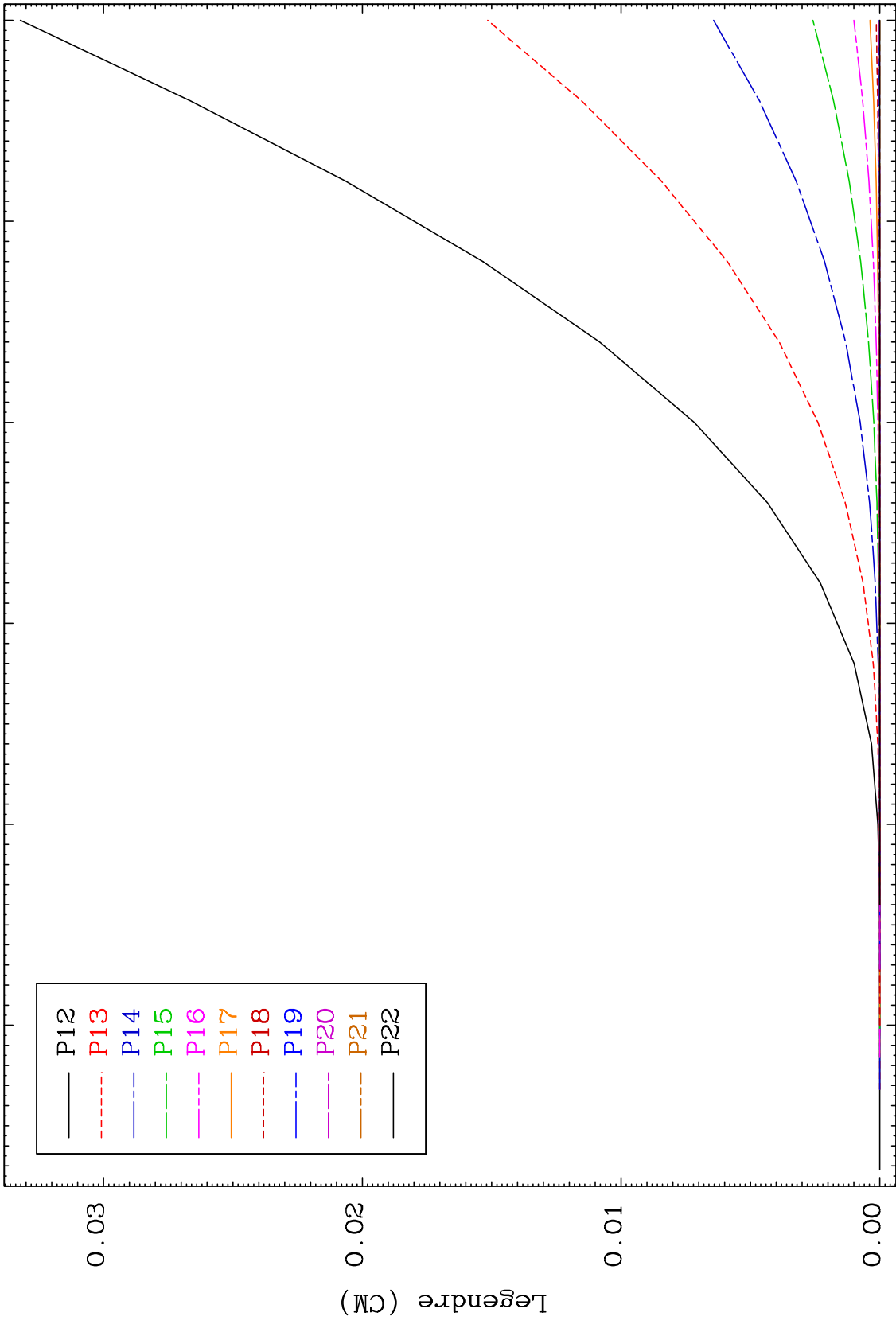
Incident Energy (MeV)

16-S -40

MAT 1649

Elastic Legendre Coefficients

16-S -40



15

Incident Energy (MeV)

16-S -40

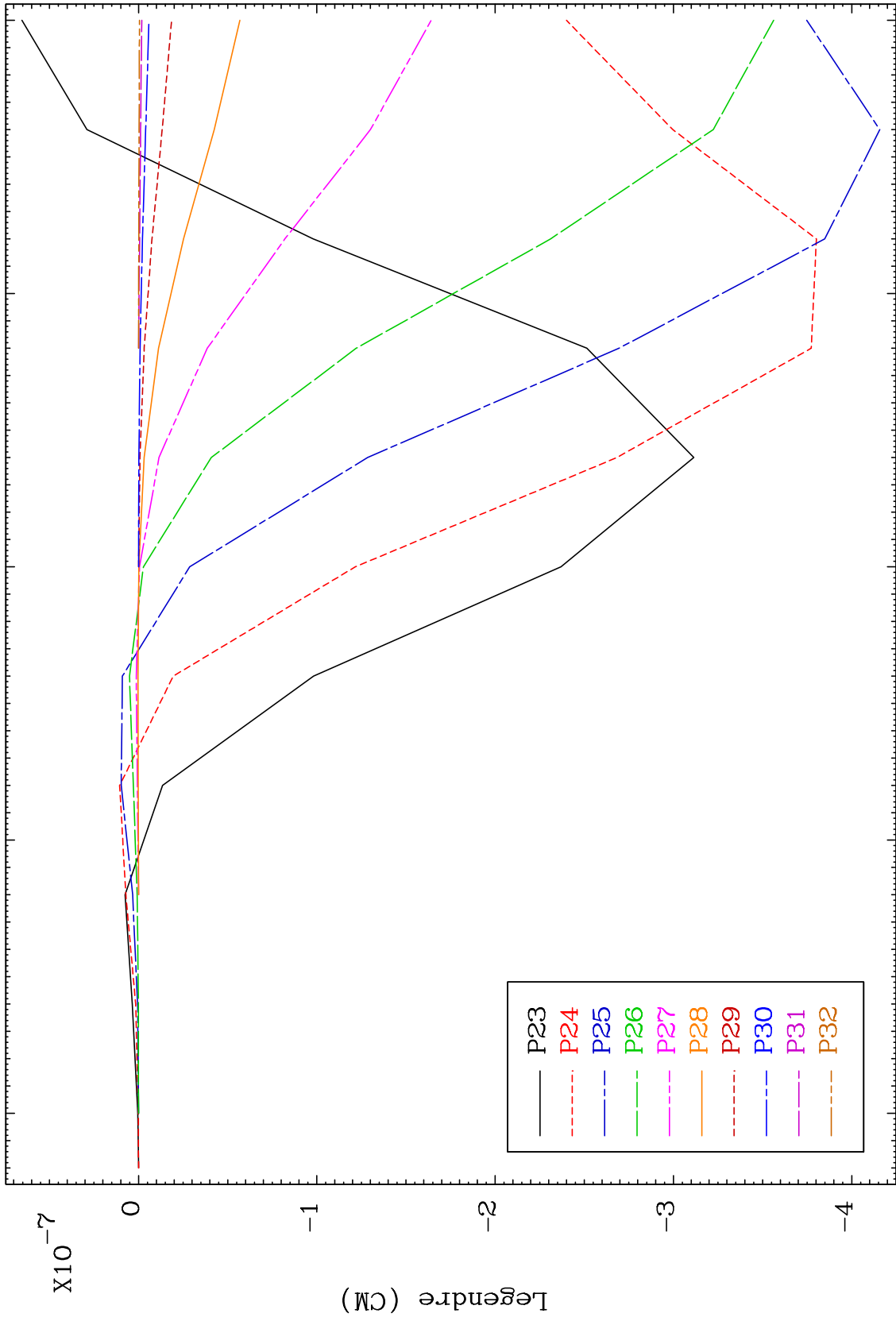


MAT 1649

Elastic Legendre Coefficients

16-S -40

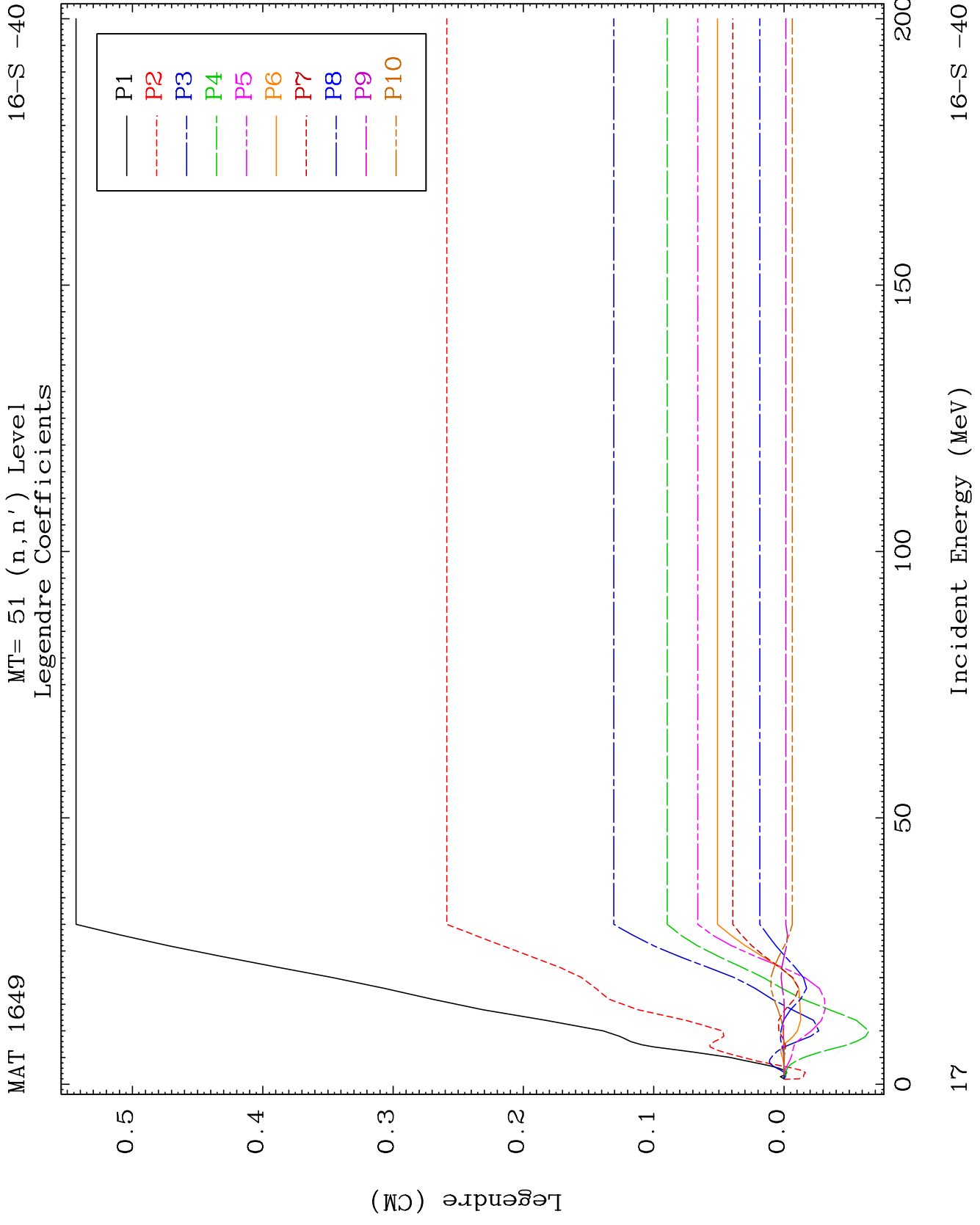
$\times 10^{-7}$



16

Incident Energy (MeV)

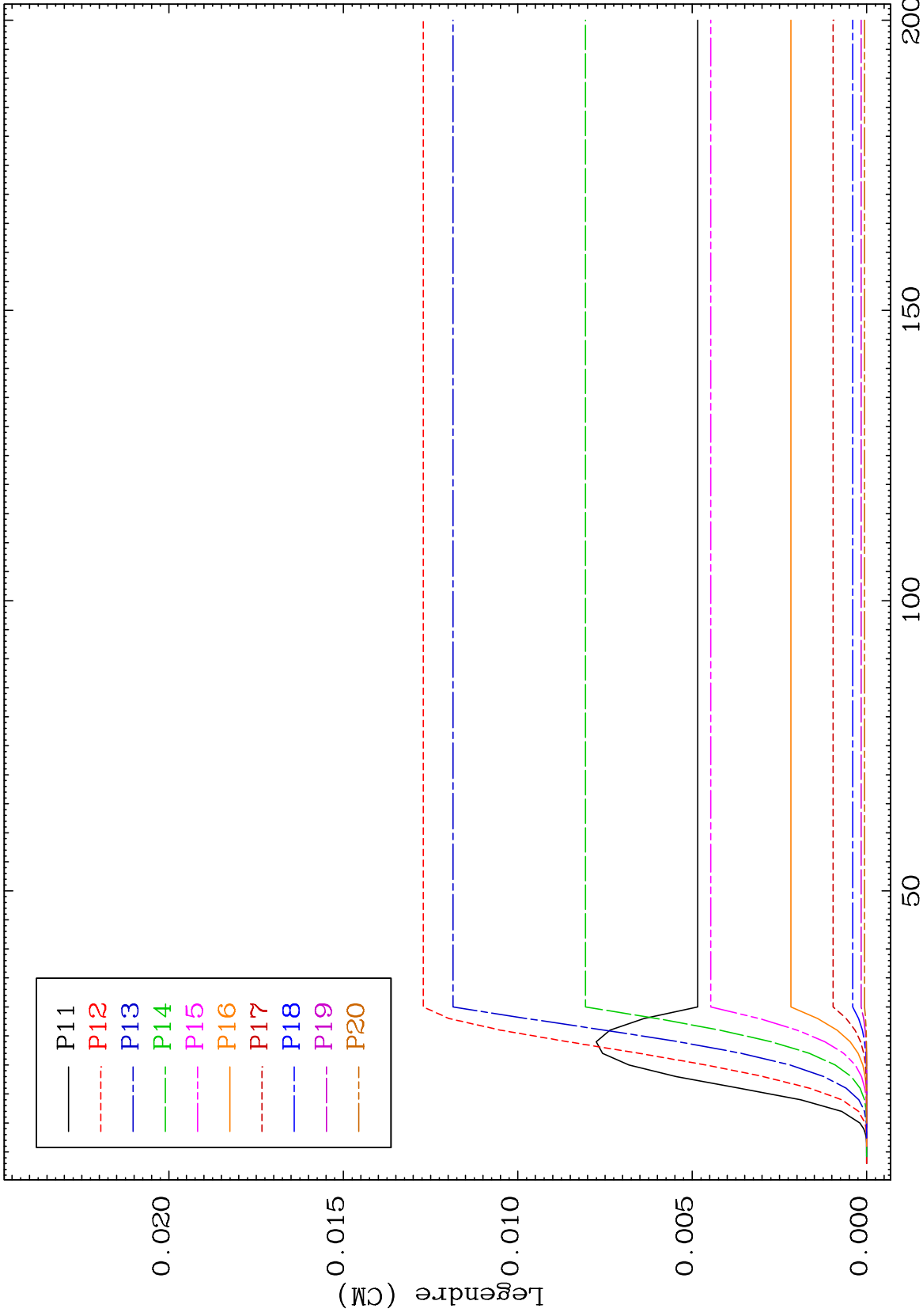
16-S -40



MAT 1649

MT= 51 (n,n') Level  
Legendre Coefficients

16-S -40



18

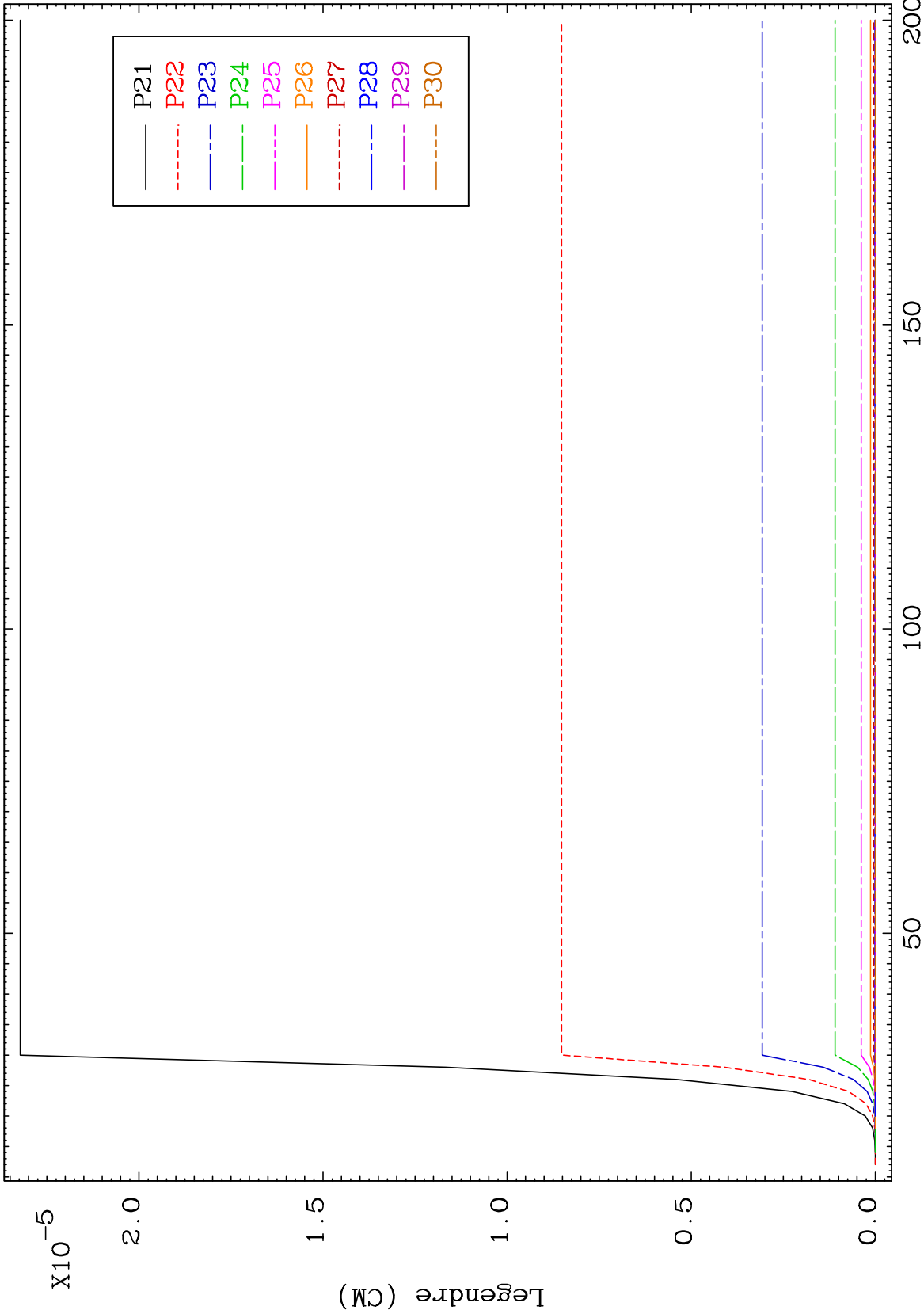
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 51 (n,n') Level  
Legendre Coefficients

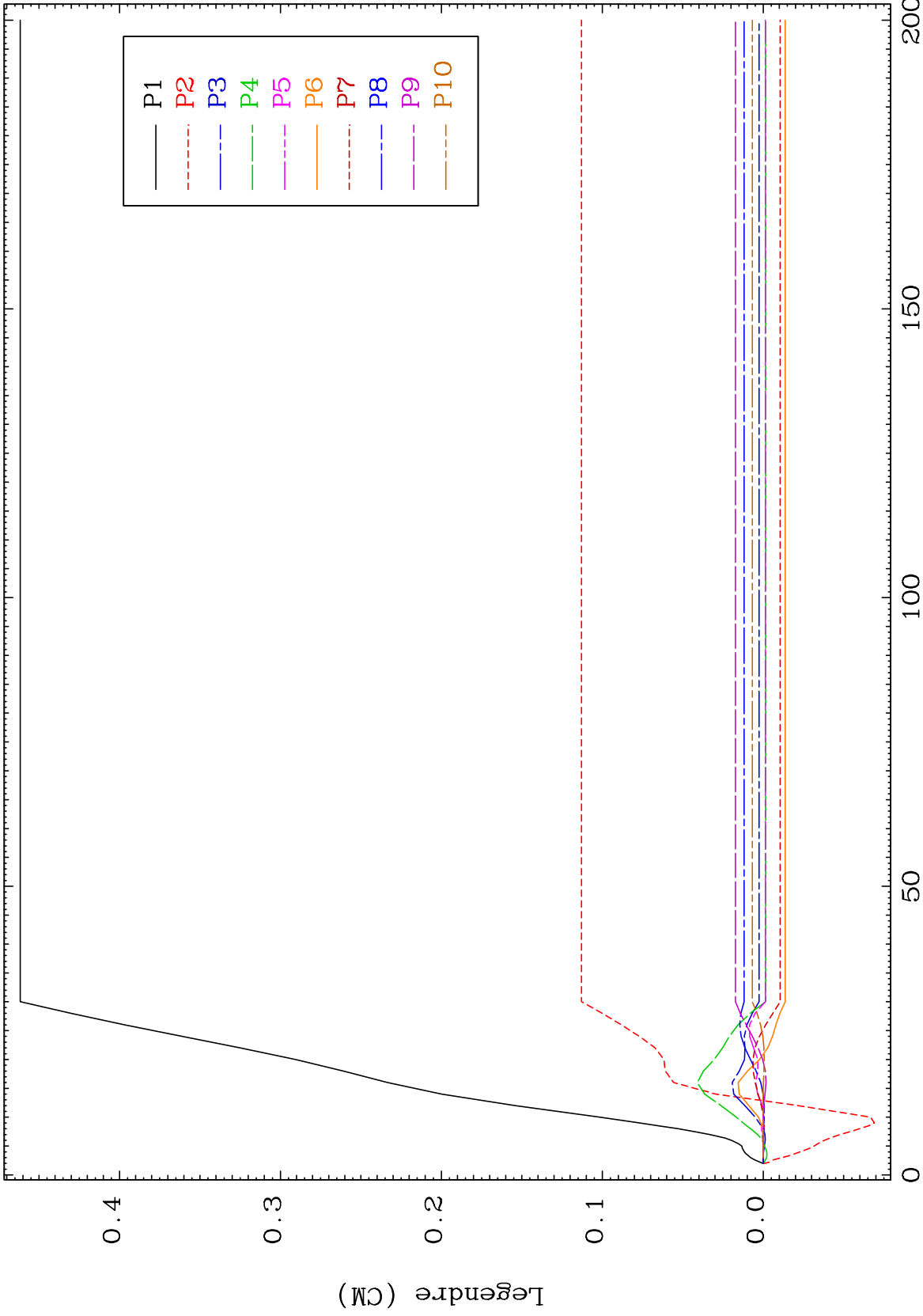
16-S -40



MAT 1649

MT= 52 (n,n') Level  
Legendre Coefficients

16-S -40



0

50

100

150

200

Incident Energy (MeV)

16-S -40

Legendre (CM)

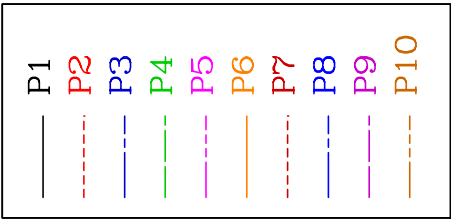
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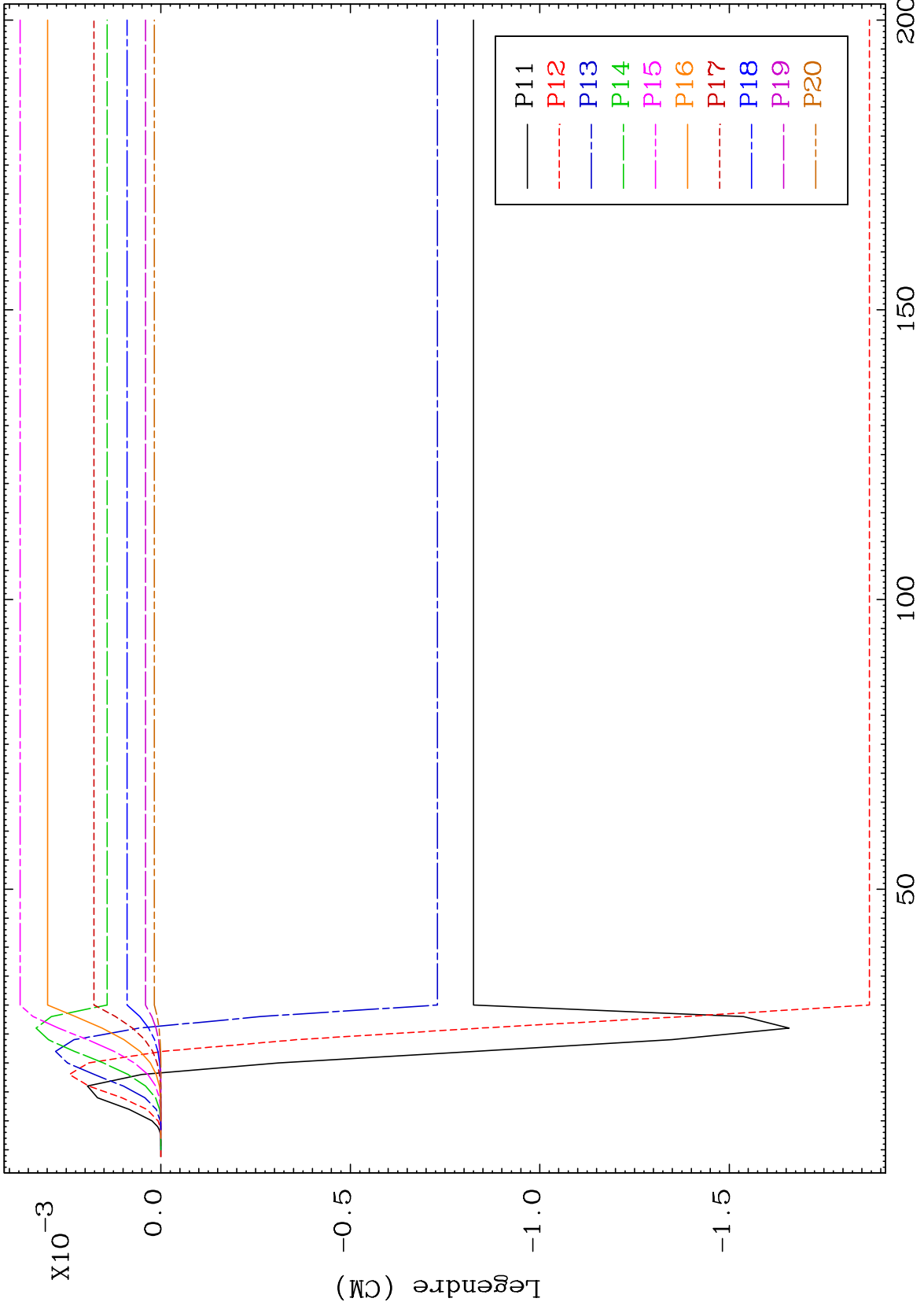
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0.1

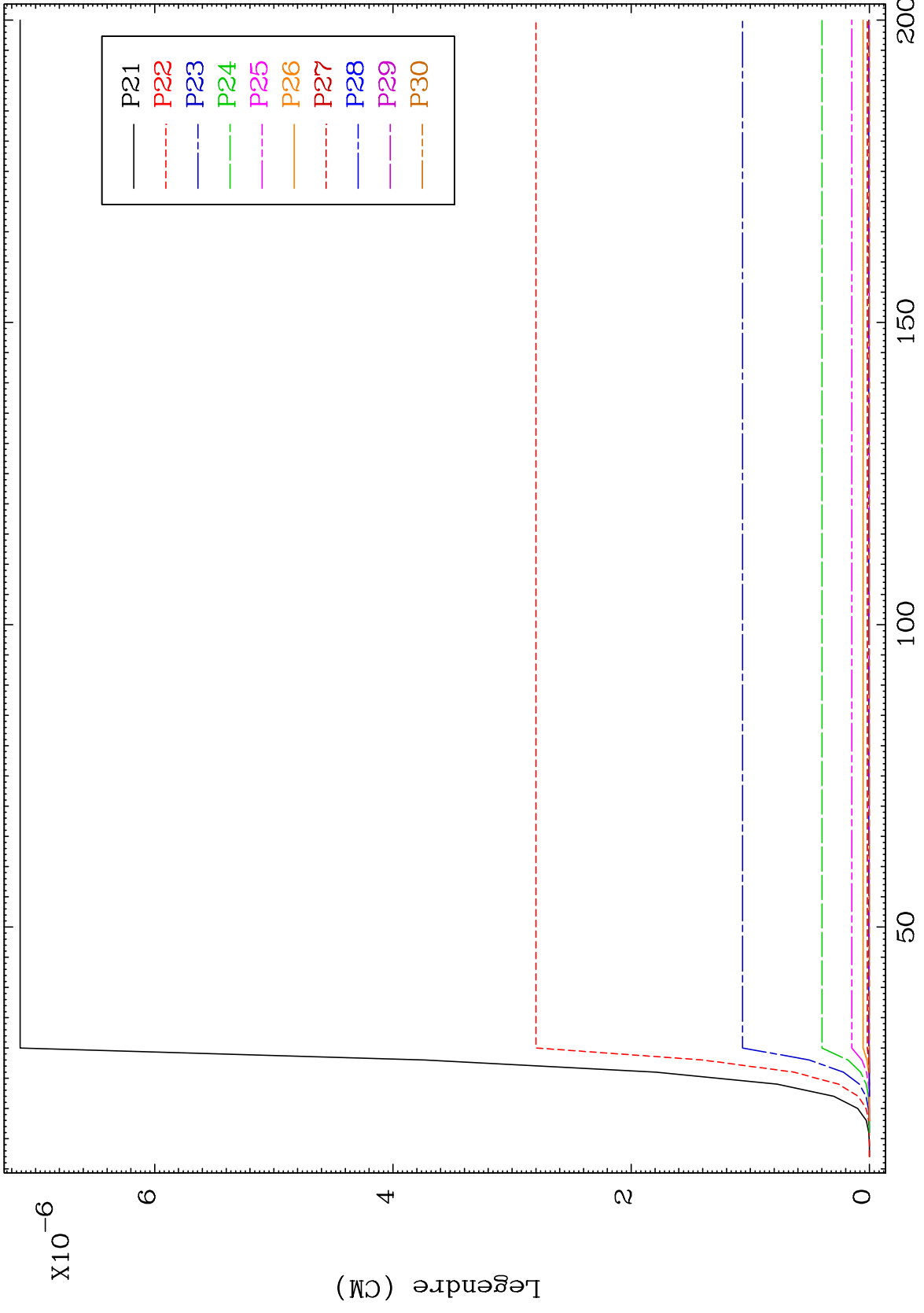
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MAT 1649 MT= 52 (n,n') Level Legendre Coefficients 16-S -40

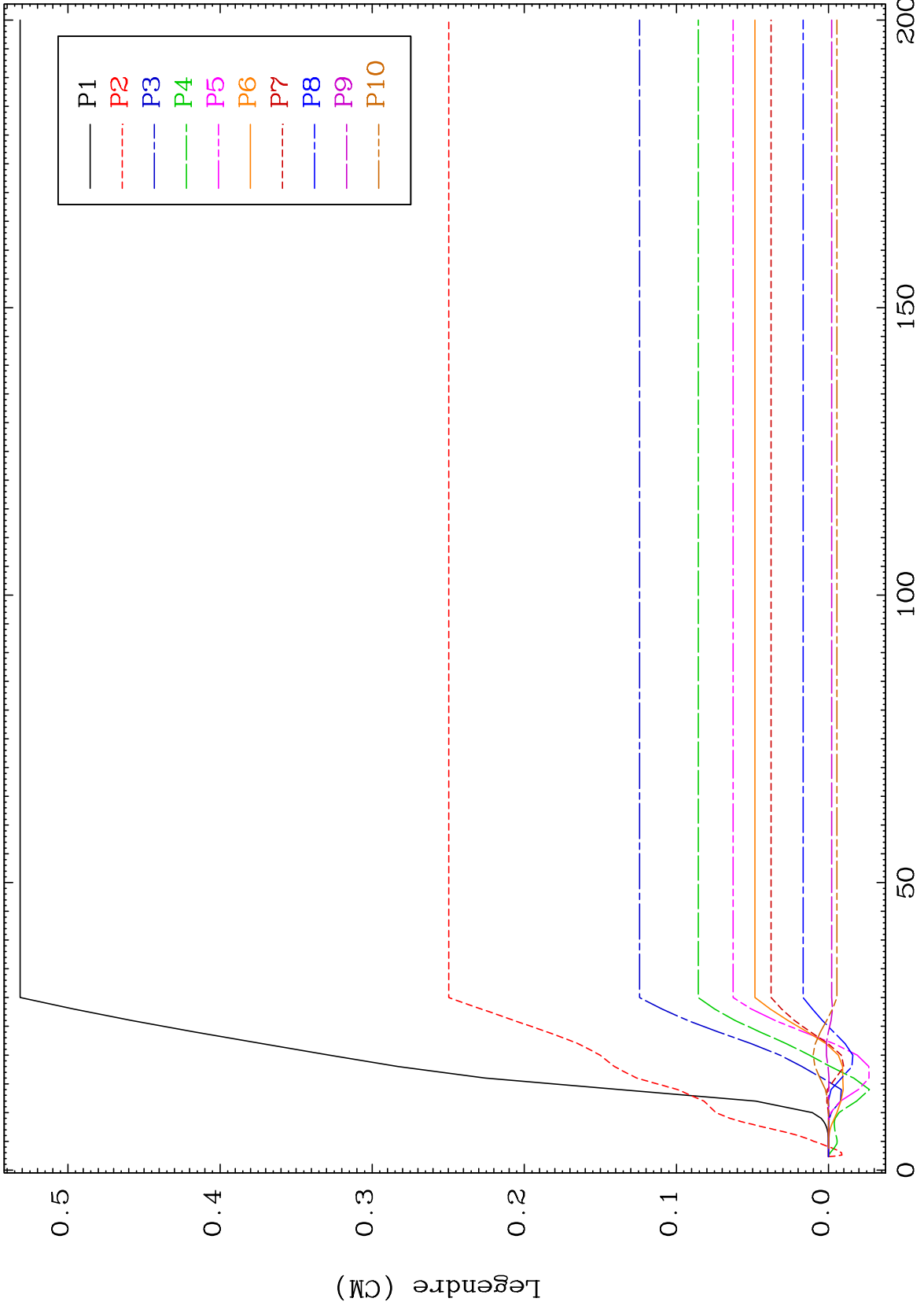


MAT 1649 MT= 52 (n,n') Level Legendre Coefficients 16-S -40



22 50 100 150 200 16-S -40

MAT 1649 MT= 53 (n,n') Level Legendre Coefficients 16-S -40



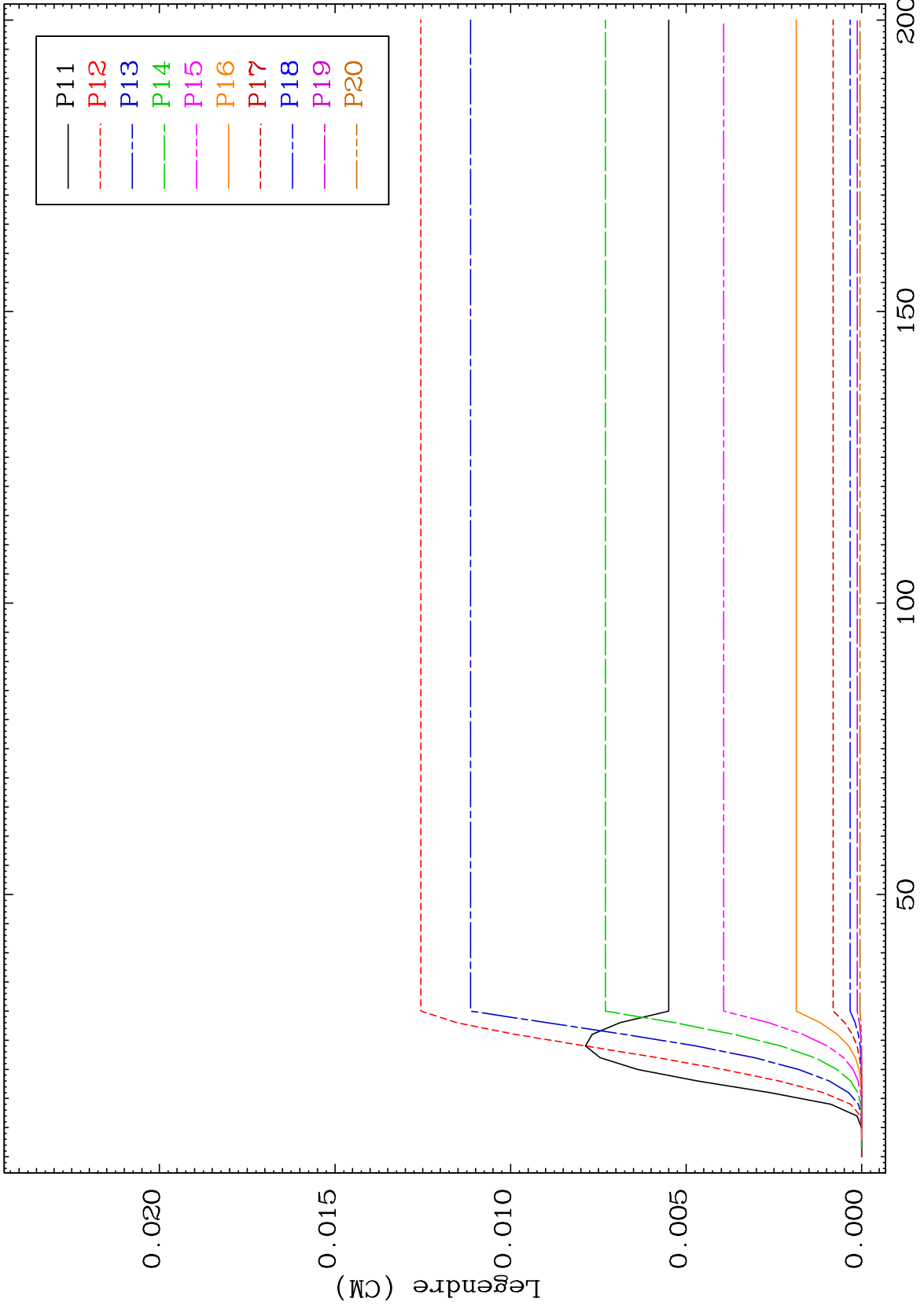
23 16-S -40



MAT 1649

MT= 53 (n,n') Level  
Legendre Coefficients

16-S -40



24

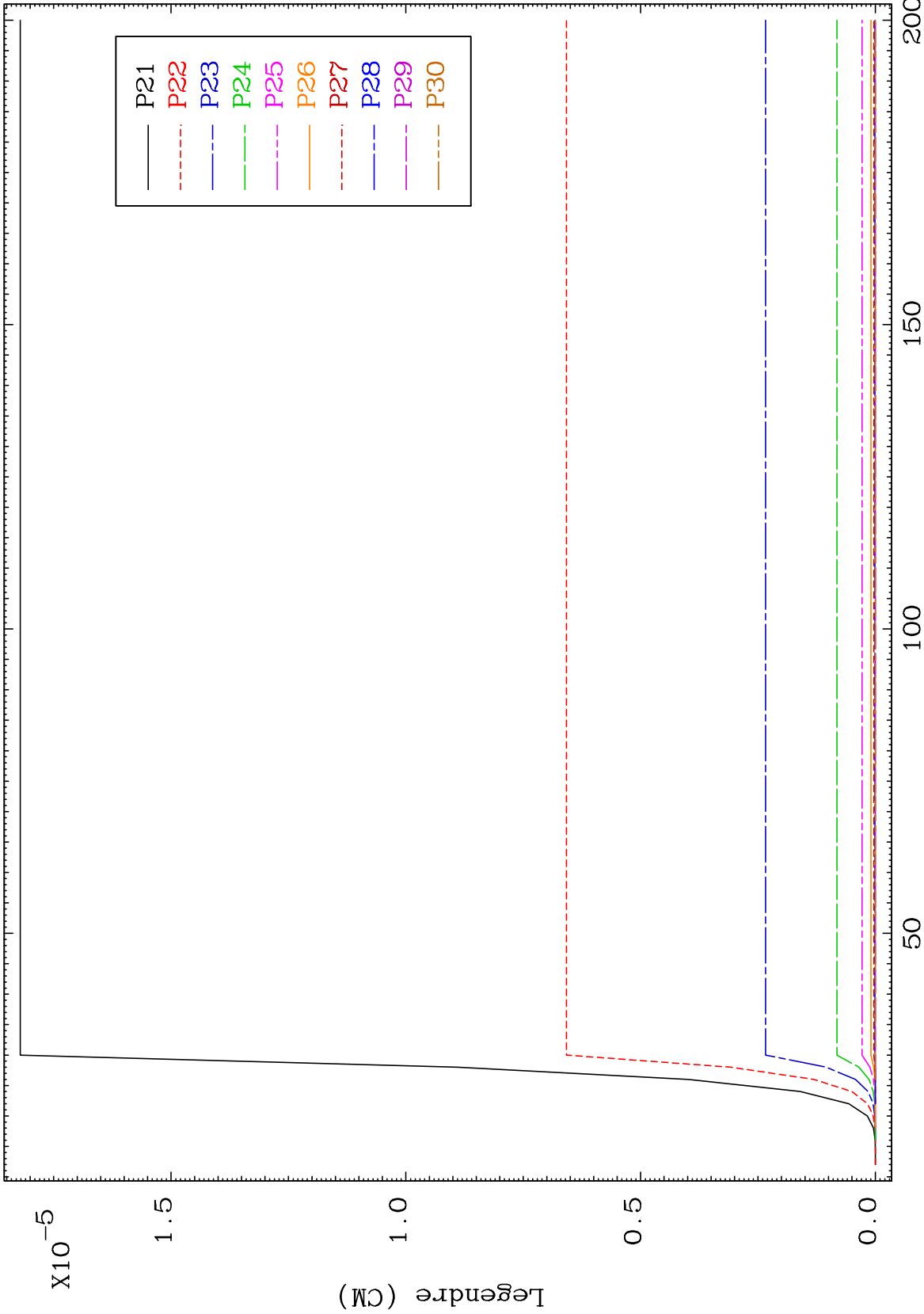
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 53 (n,n') Level  
Legendre Coefficients

16-S -40

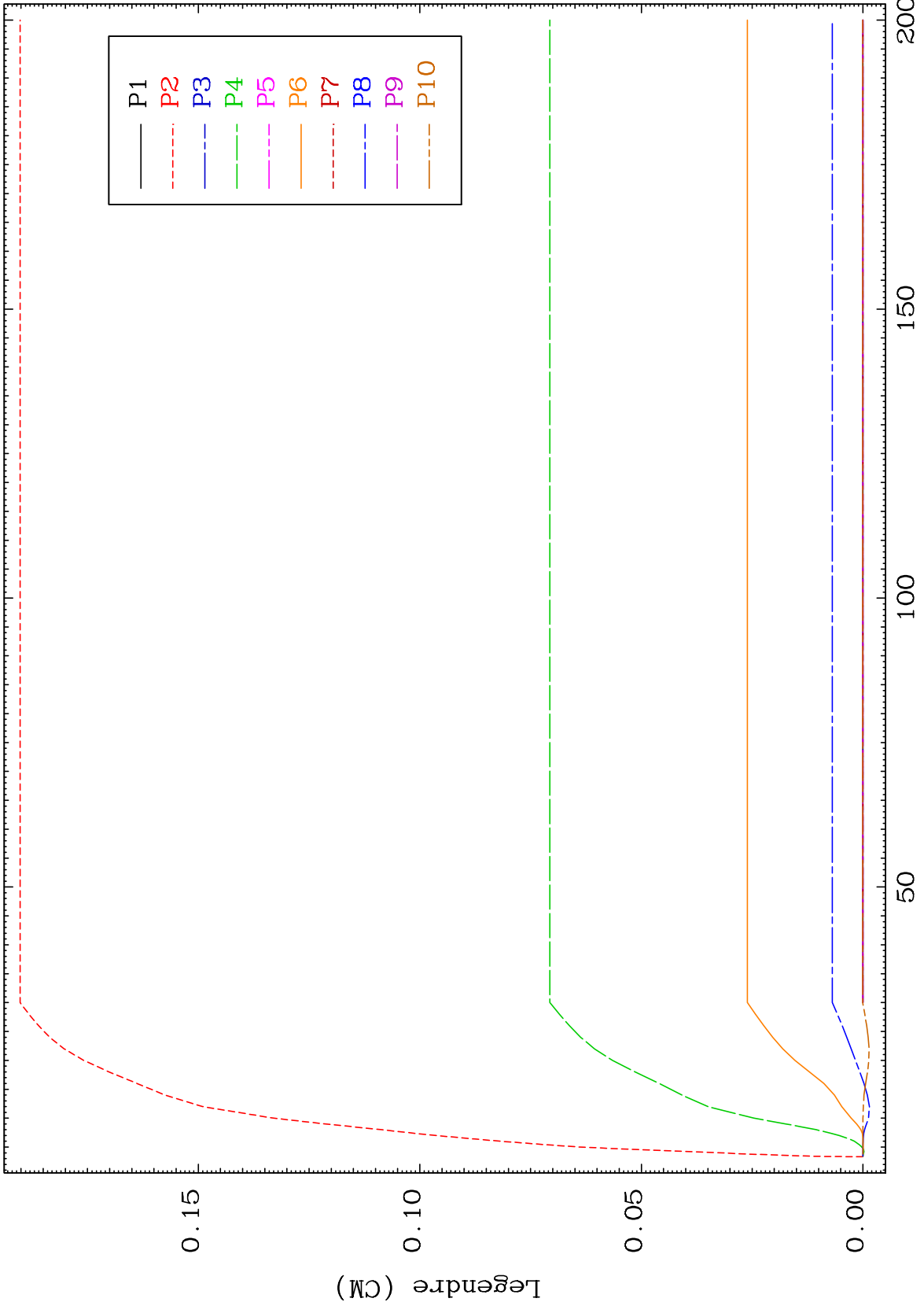


25

Incident Energy (MeV)

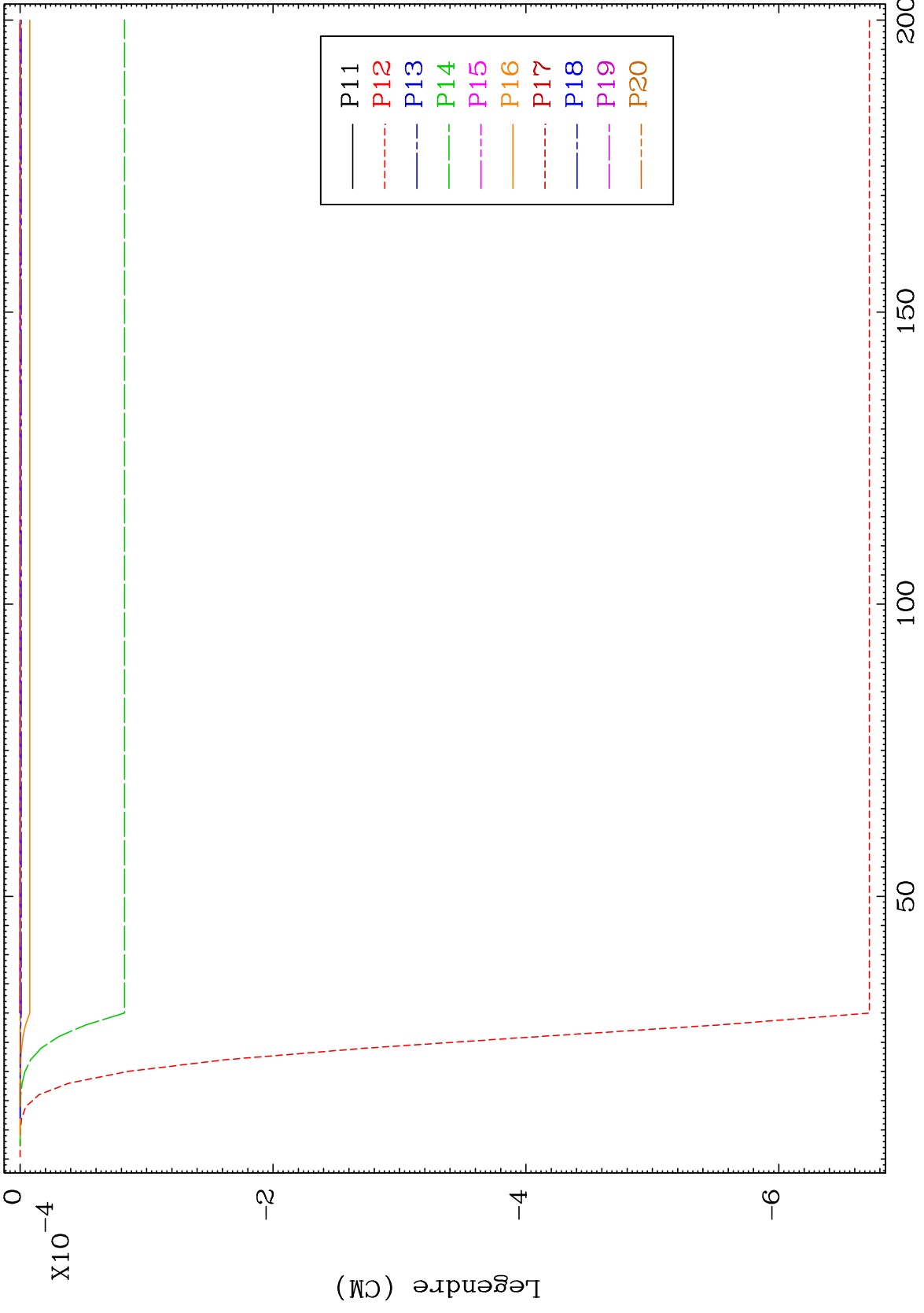
16-S -40

MAT 1649 MT= 54 (n,n') Level Legendre Coefficients 16-S -40



26 50 100 150 200 16-S -40

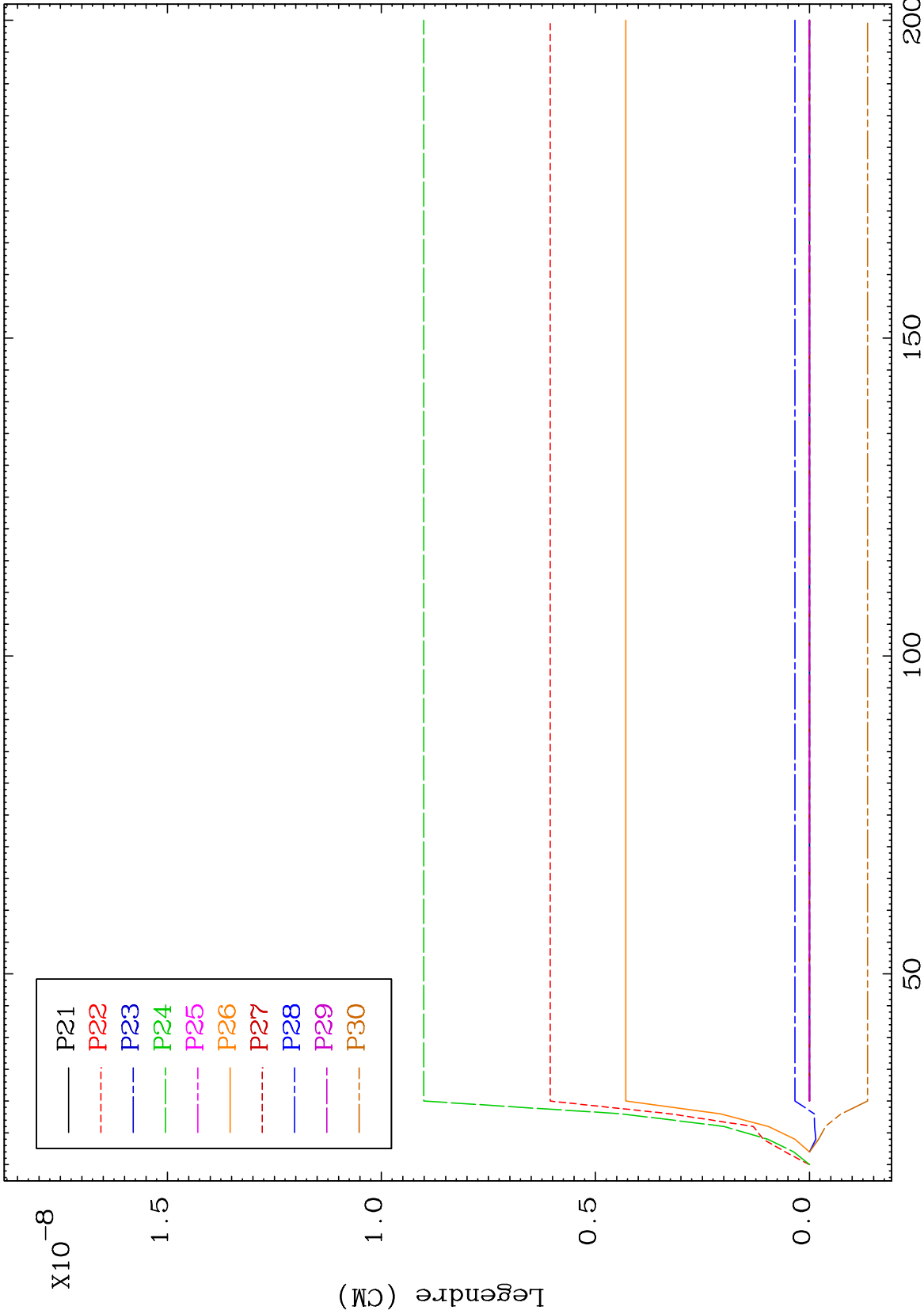
MAT 1649 MT= 54 (n,n') Level Legendre Coefficients 16-S -40



MAT 1649

MT= 54 (n,n') Level  
Legendre Coefficients

16-S -40



28

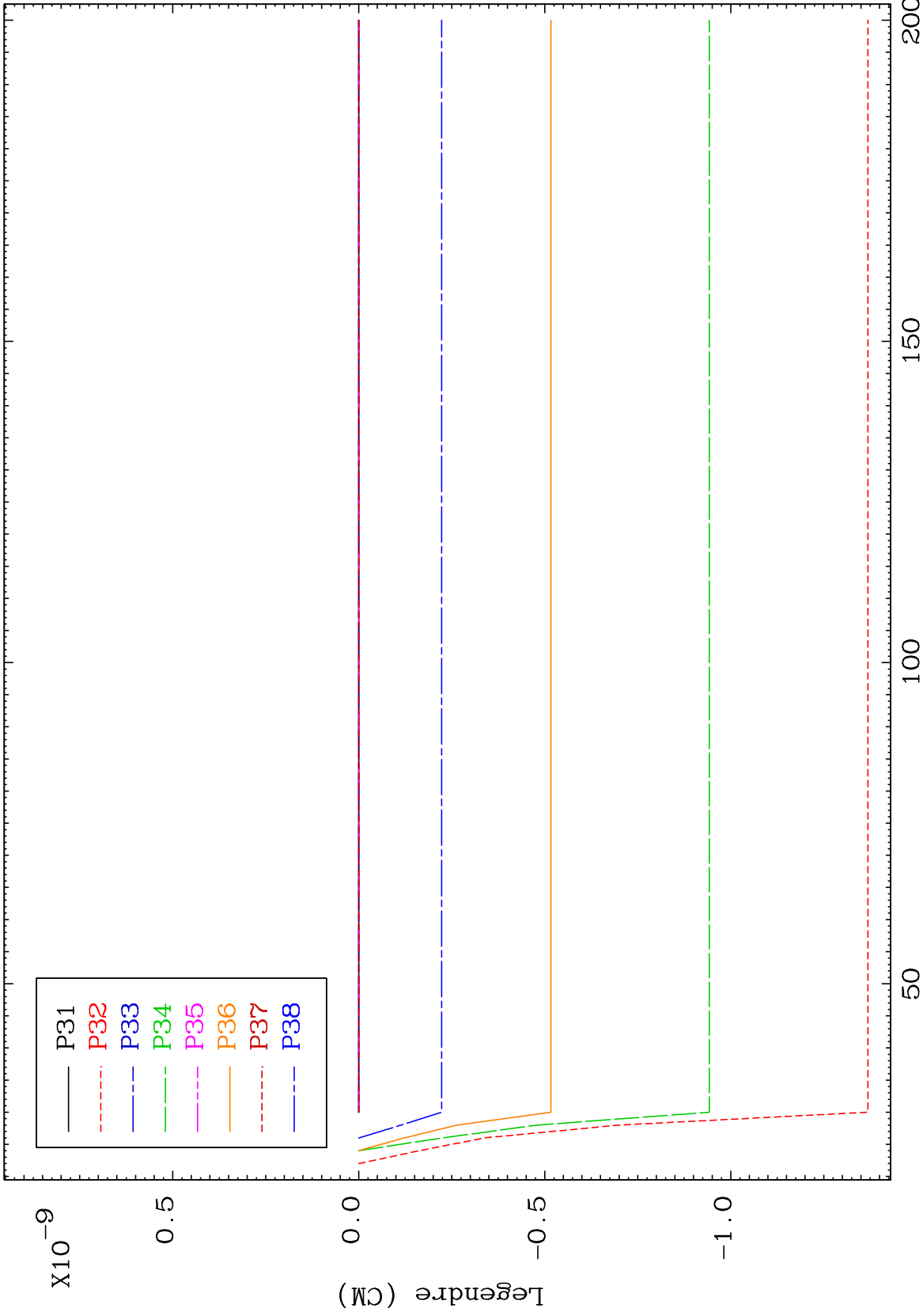
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 54 (n,n') Level  
Legendre Coefficients

16-S -40



29

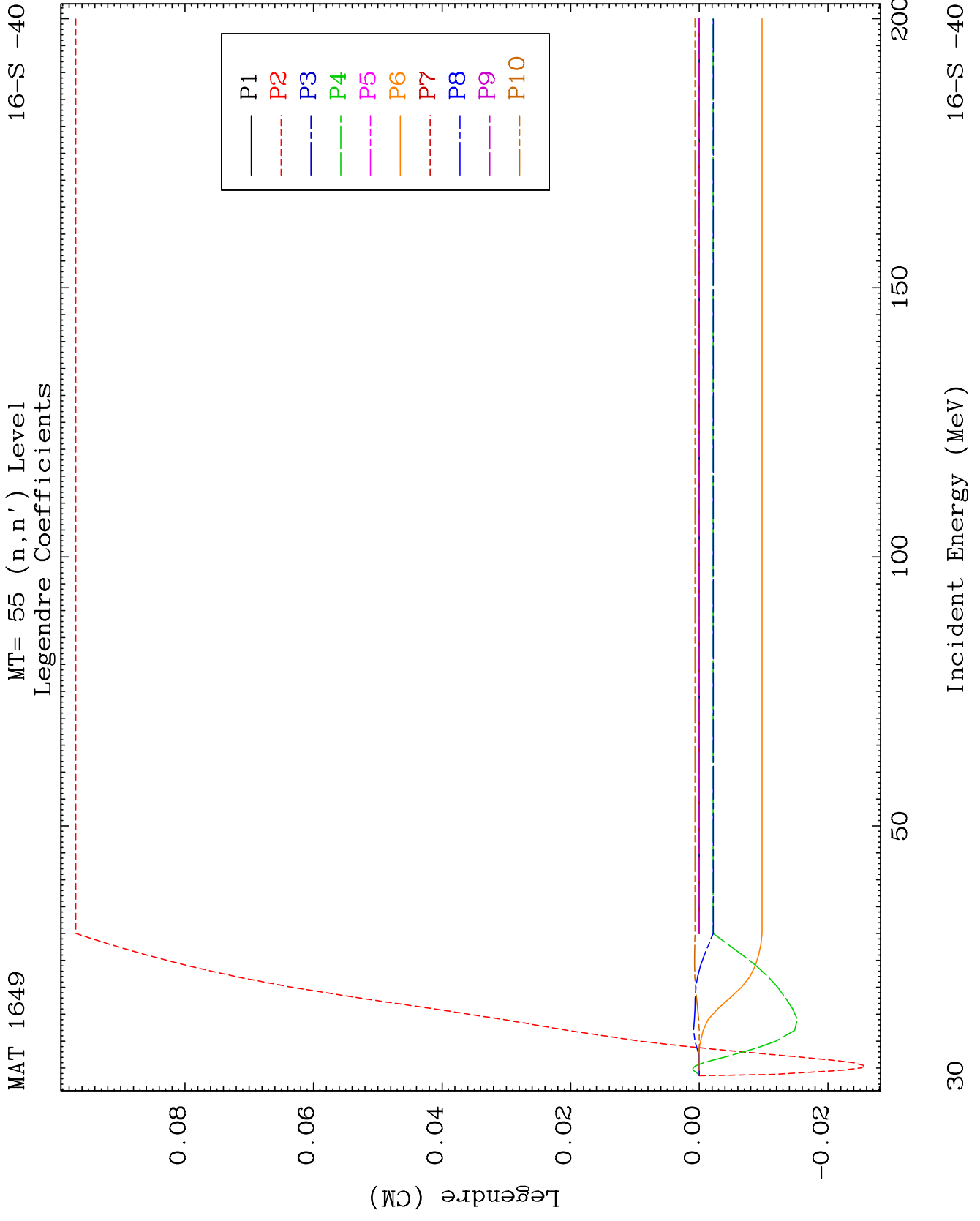
16-S -40

50

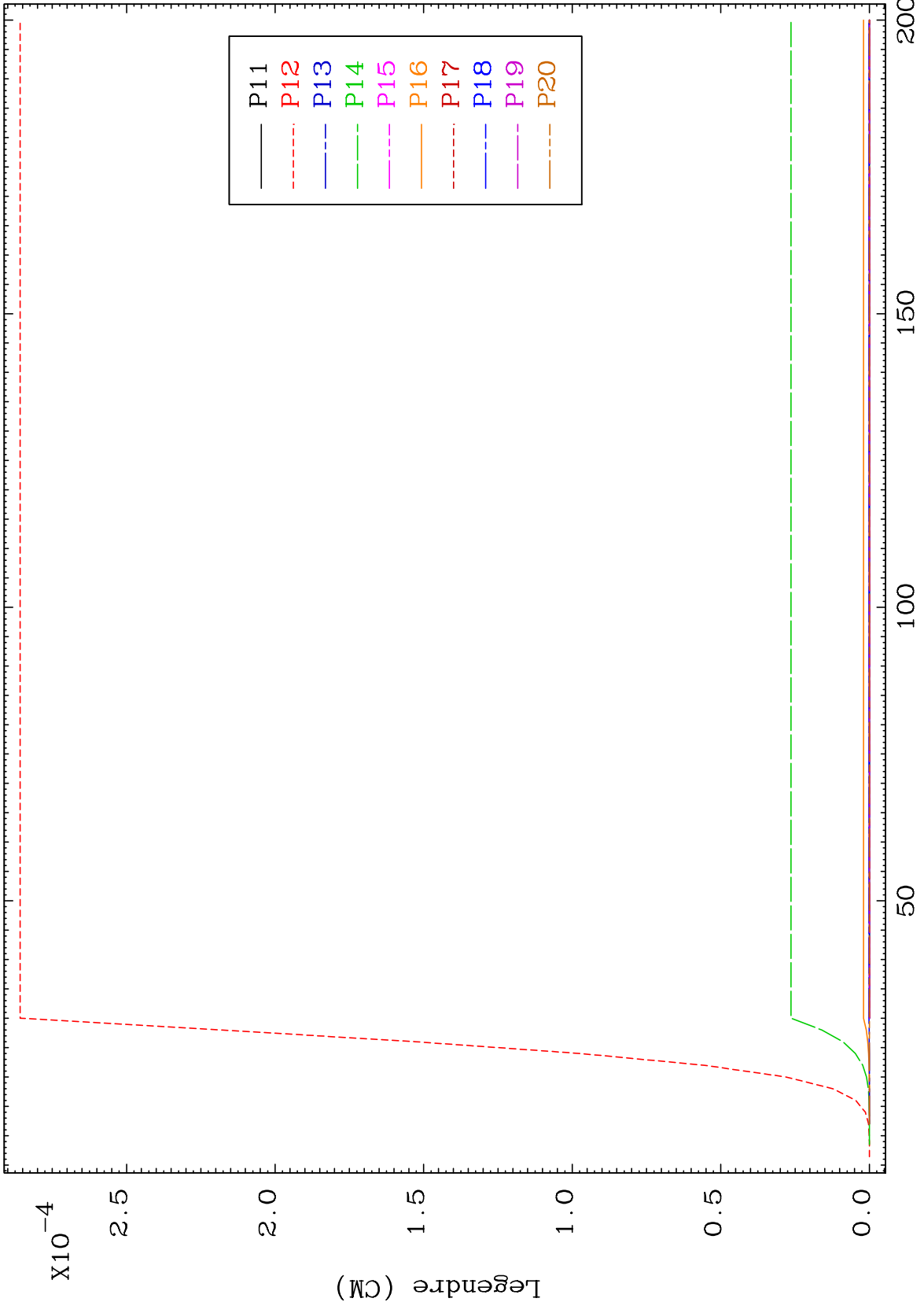
100

150

200



MAT 1649 MT= 55 (n,n') Level Legendre Coefficients 16-S -40



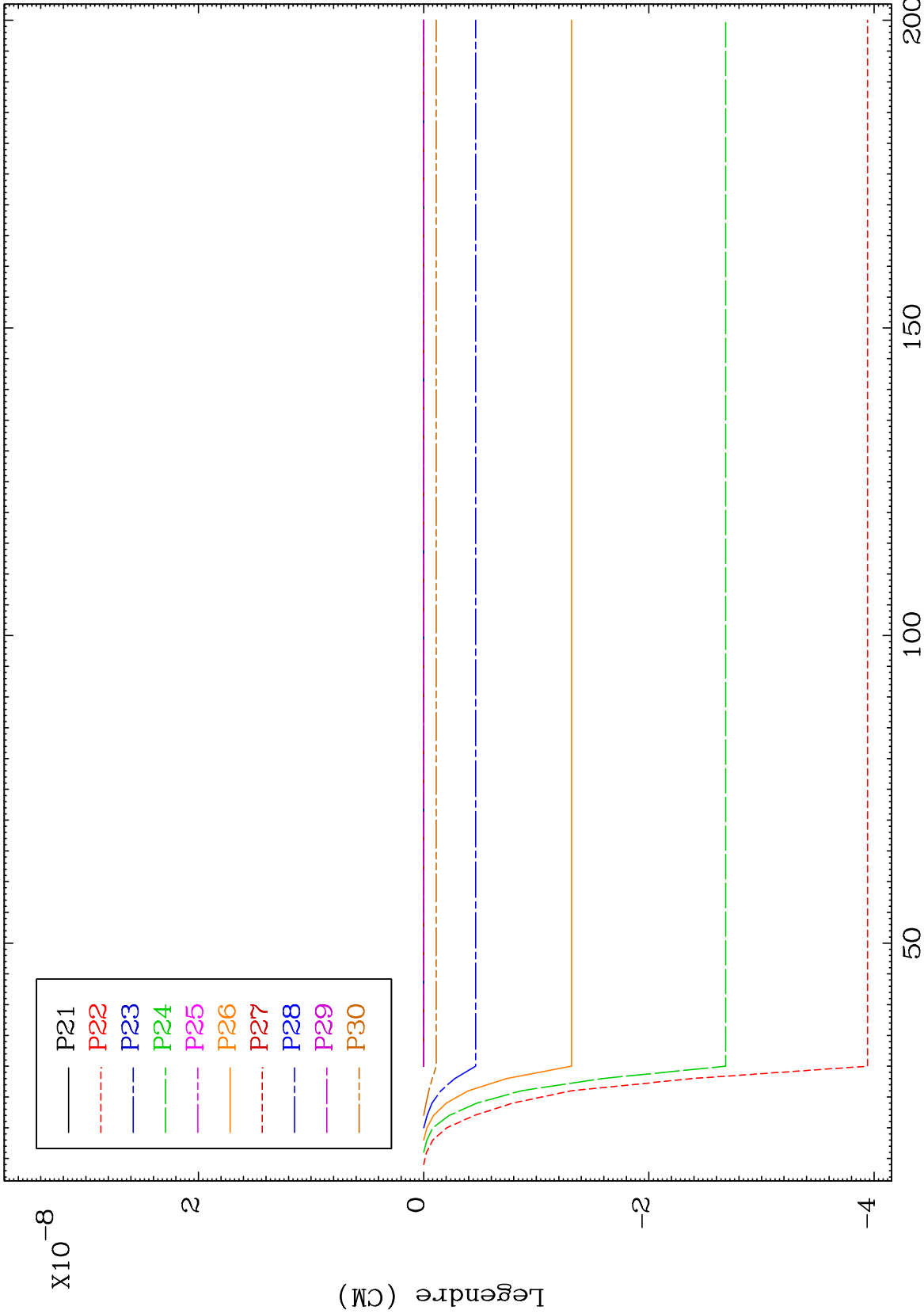
31 Incident Energy (MeV) 16-S -40



MAT 1649

MT= 55 (n,n') Level  
Legendre Coefficients

16-S -40

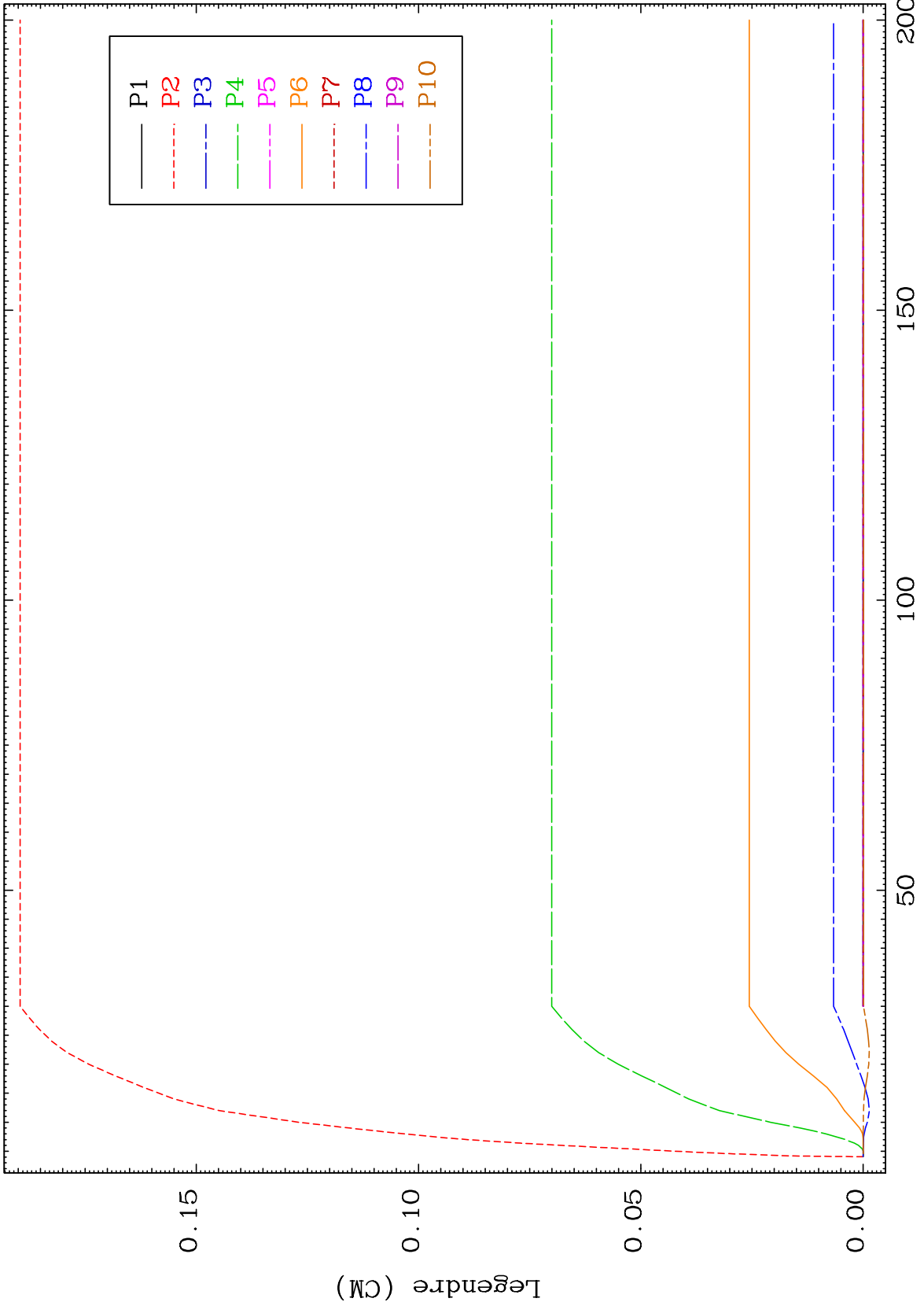


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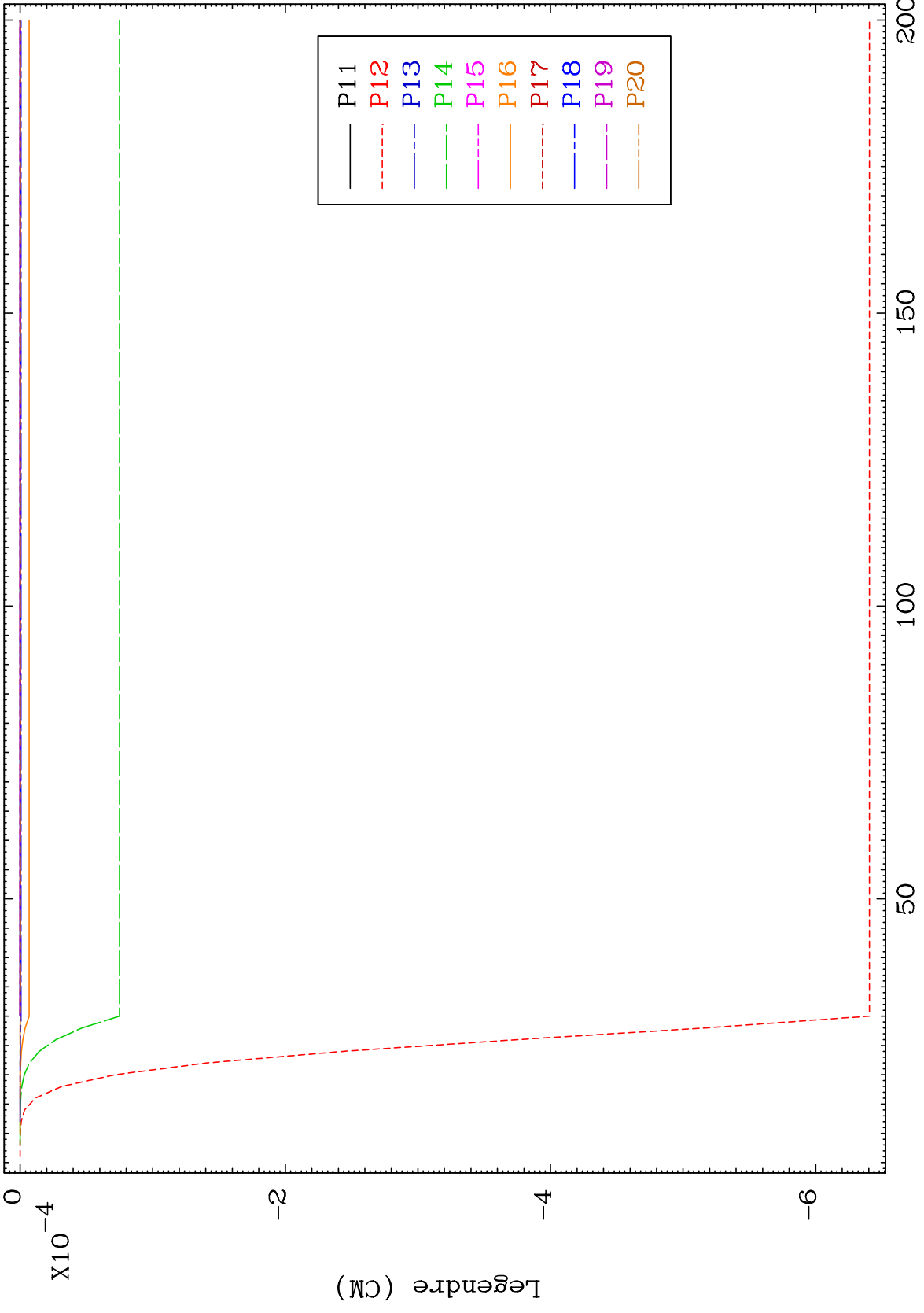
Incident Energy (MeV)

16-S -40

MAT 1649 MT= 56 (n,n') Level Legendre Coefficients 16-S -40

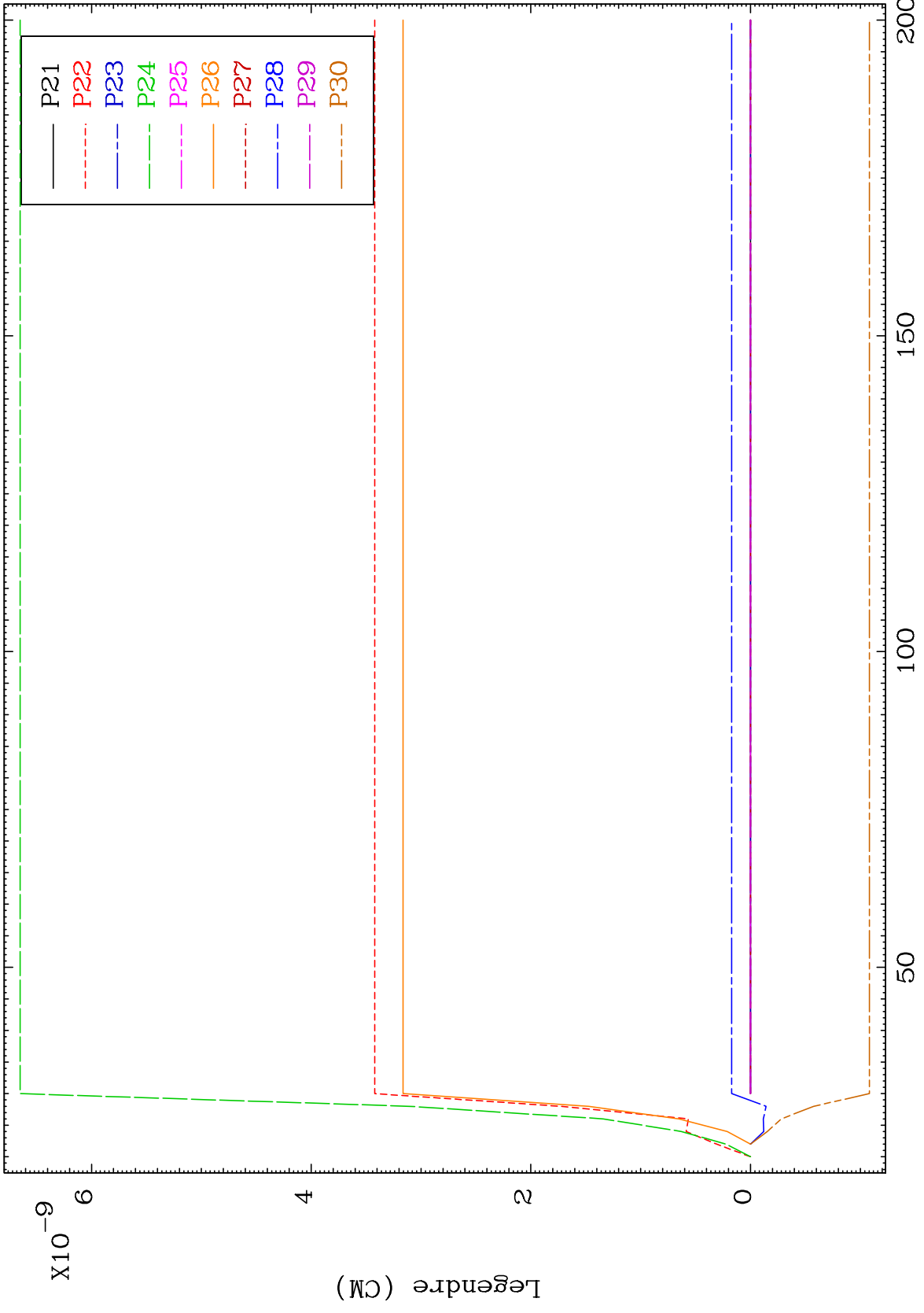


MAT 1649 MT= 56 (n,n') Level Legendre Coefficients 16-S -40



34 Incident Energy (MeV) 16-S -40

MAT 1649 MT= 56 (n,n') Level Legendre Coefficients 16-S -40

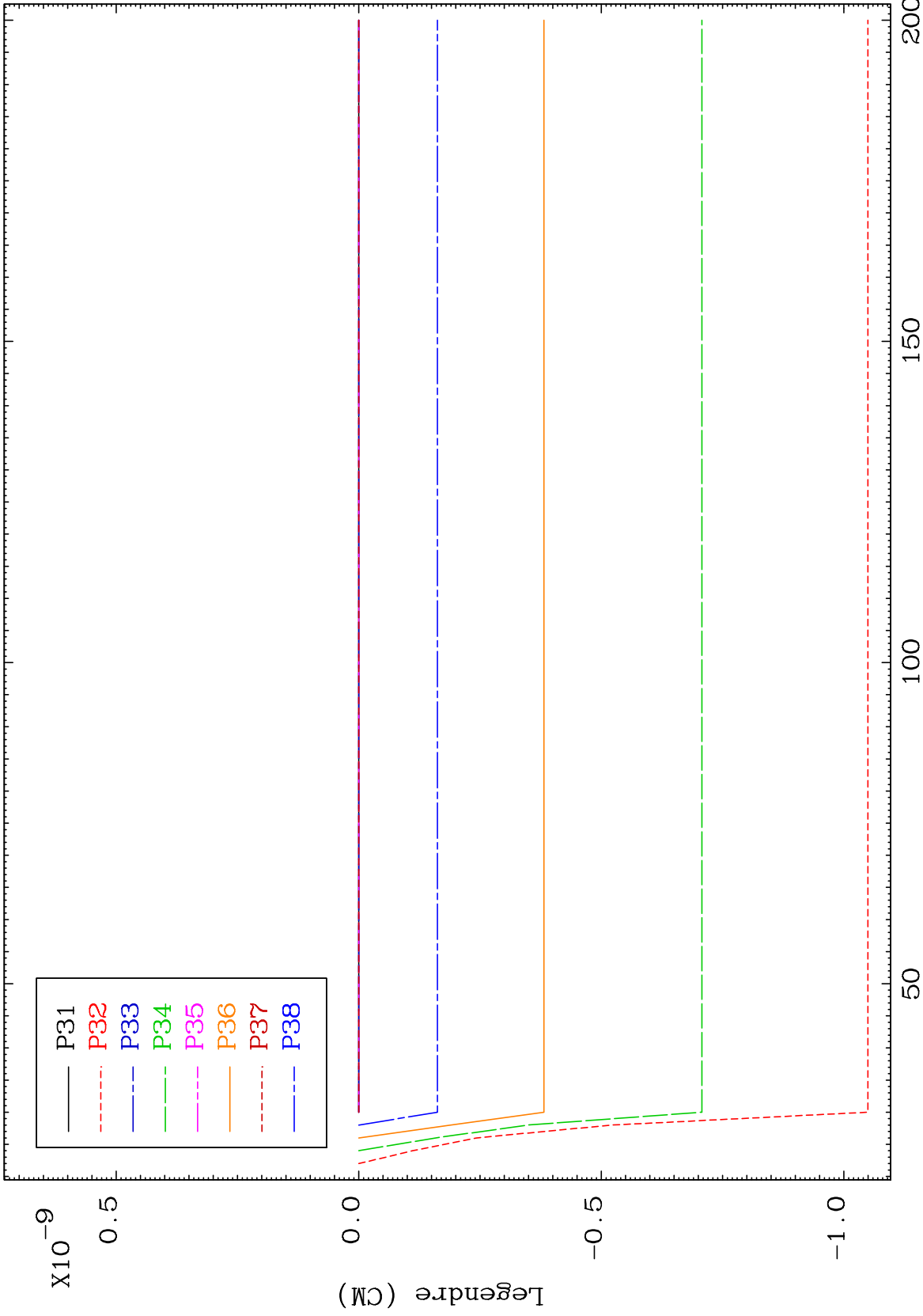


35 Incident Energy (MeV) 16-S -40

MAT 1649

MT= 56 (n,n') Level  
Legendre Coefficients

16-S -40



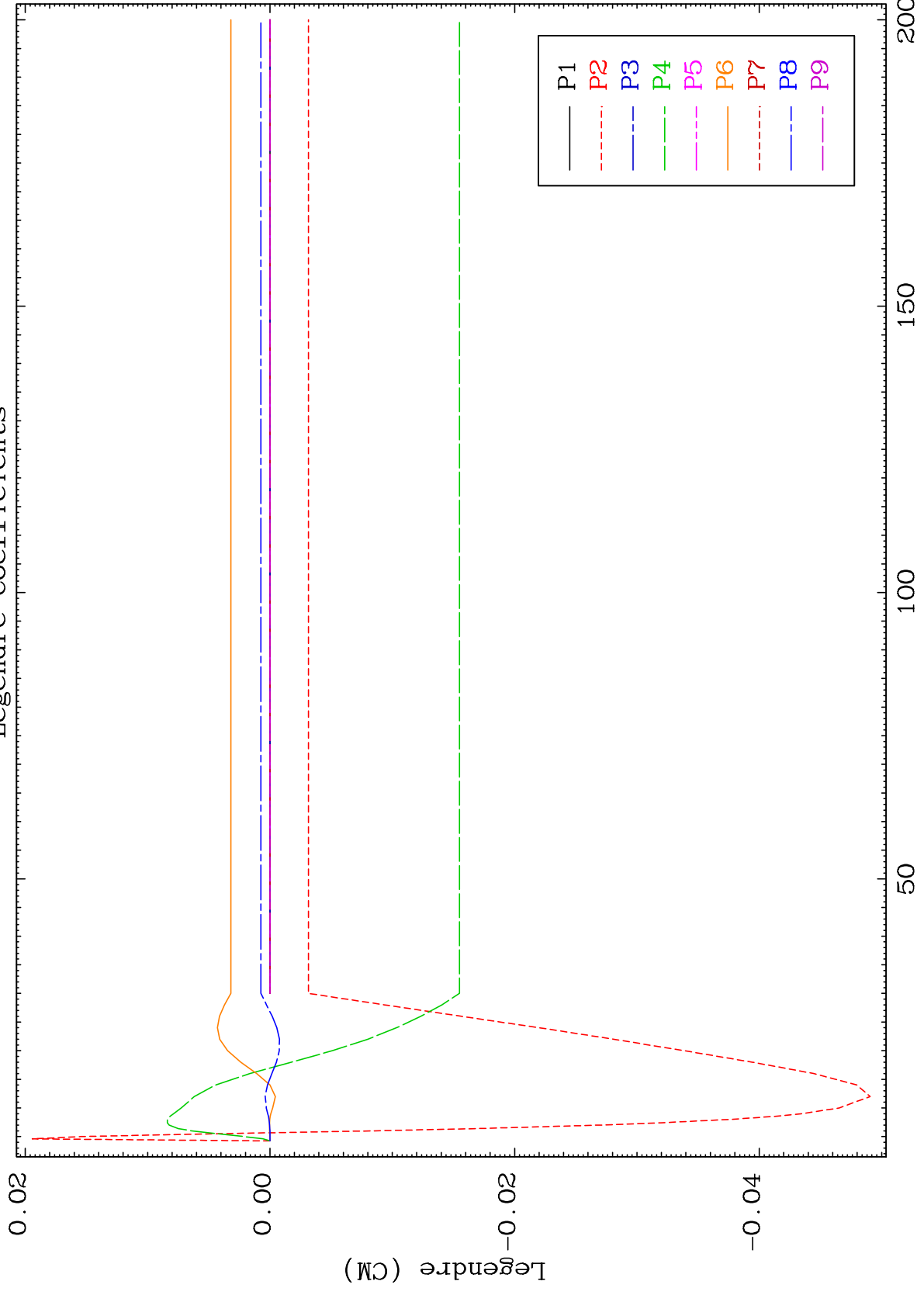
36

Incident Energy (MeV)

16-S -40

MAT 1649 MT= 57 (n,n') Level Legendre Coefficients

16-S -40



37

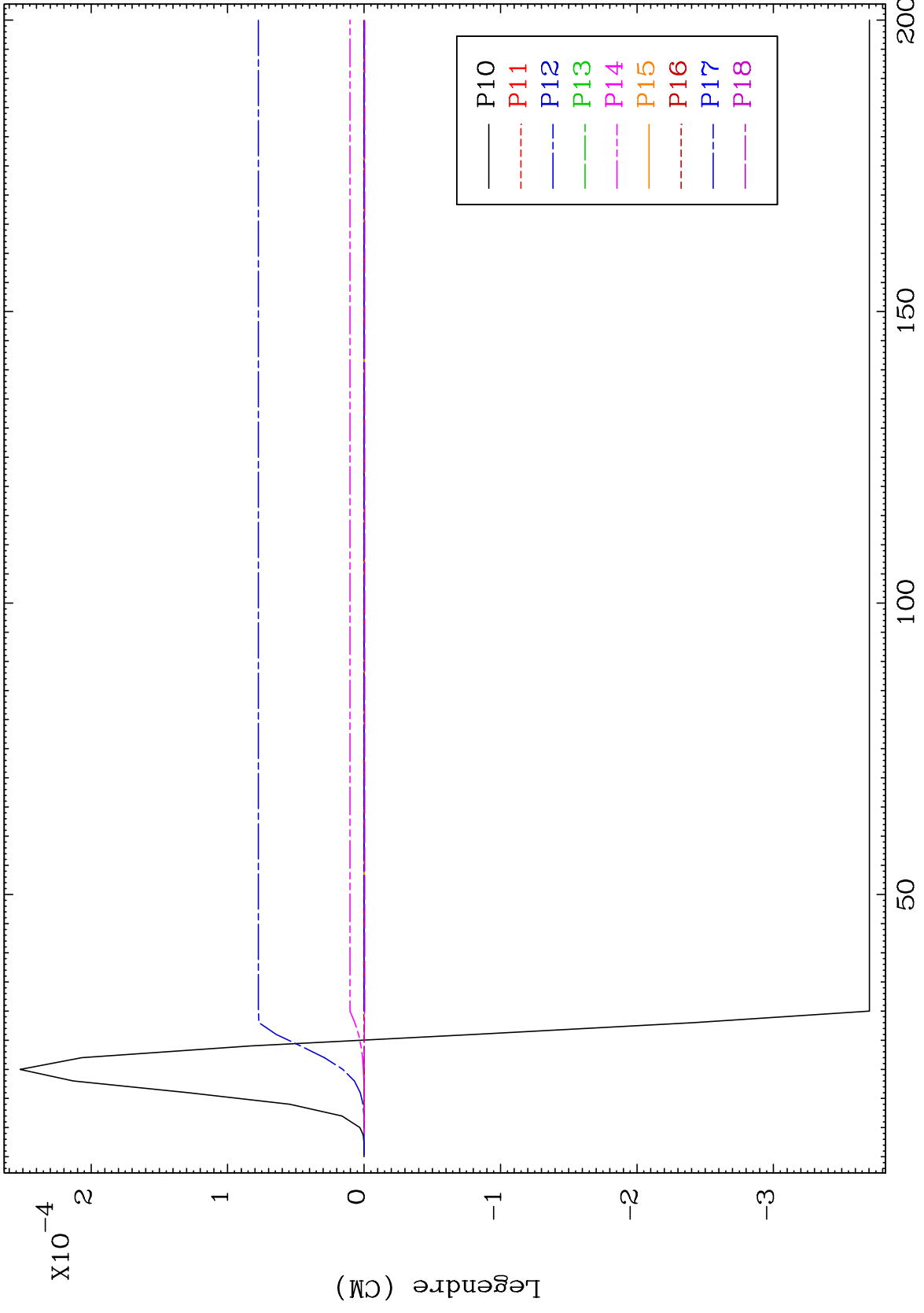
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 57 (n,n') Level  
Legendre Coefficients

16-S -40

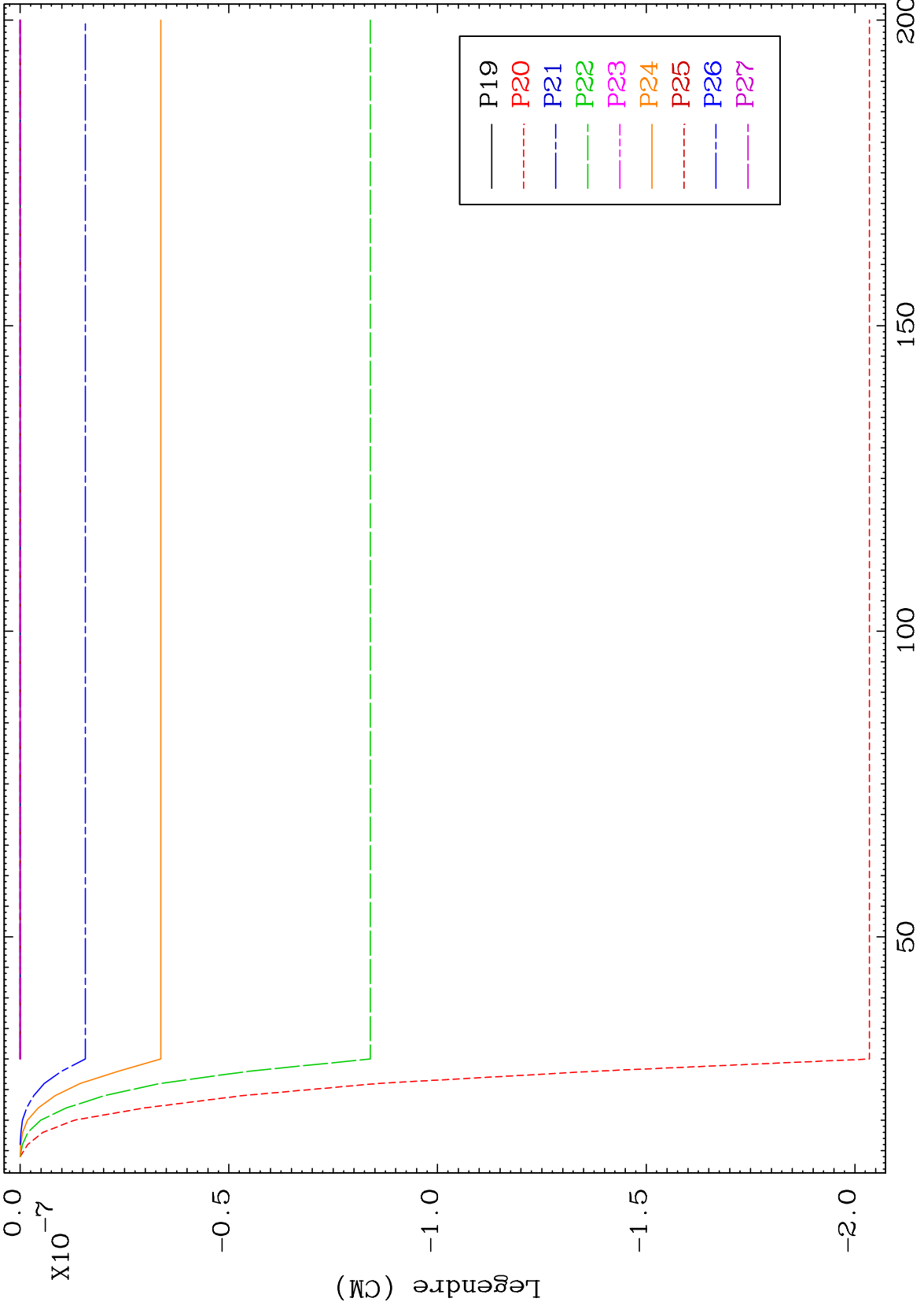


38

Incident Energy (MeV)

16-S -40

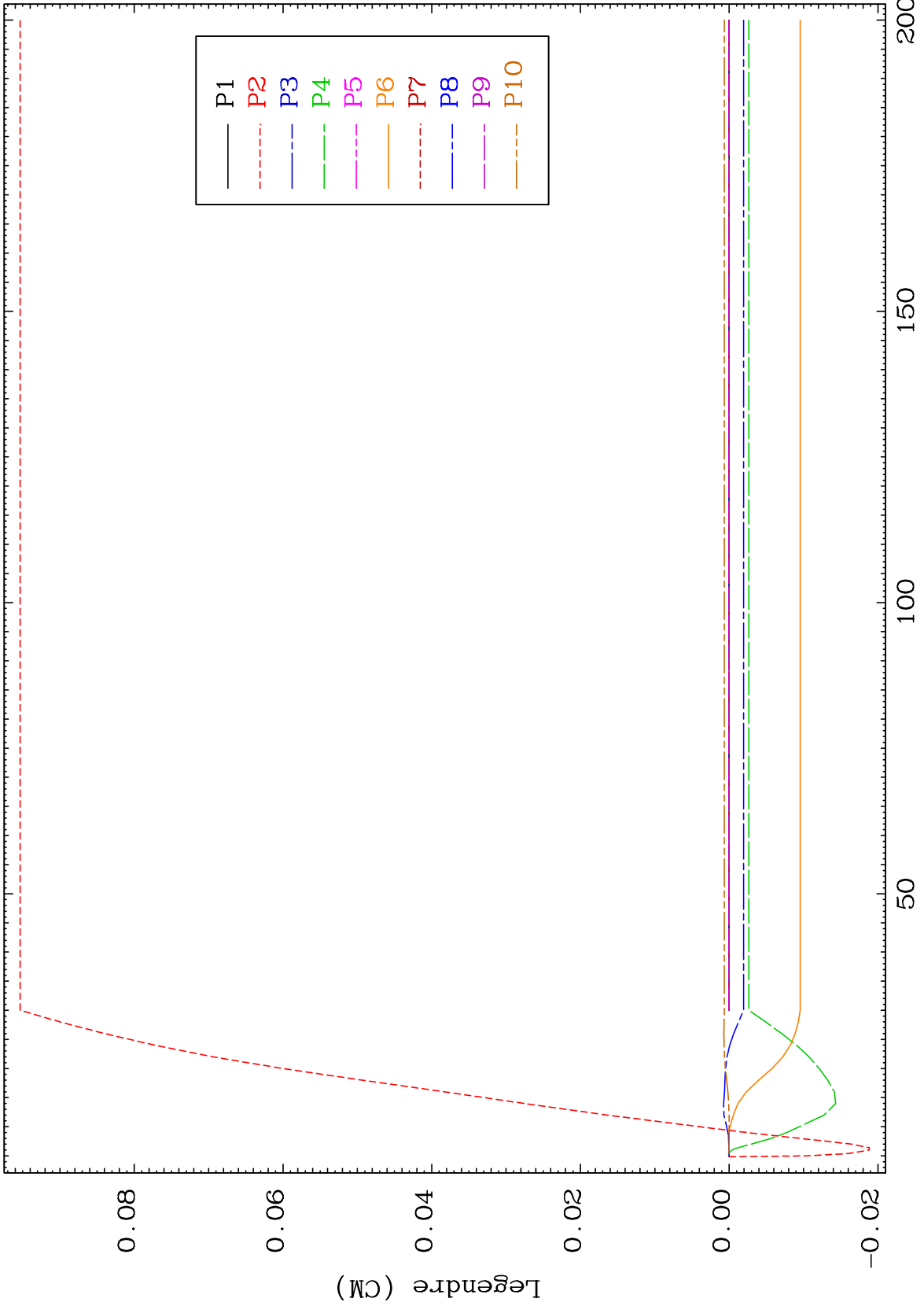
MAT 1649 MT= 57 (n,n') Level Legendre Coefficients 16-S -40







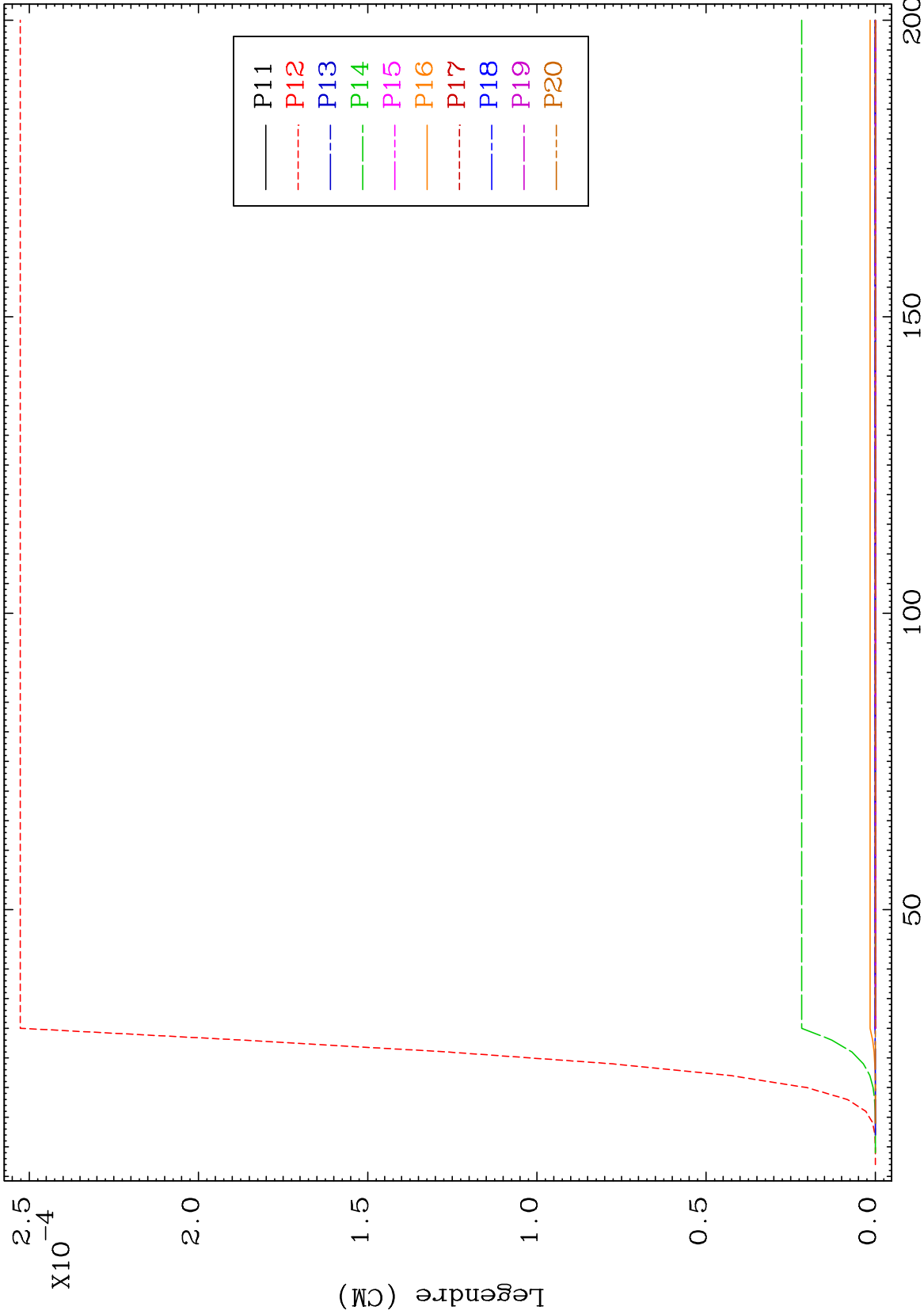
MAT 1649 MT= 58 (n,n') Level Legendre Coefficients 16-S -40



41 16-S -40

MAT 1649 MT= 58 (n,n') Level Legendre Coefficients

16-S -40



16-S -40

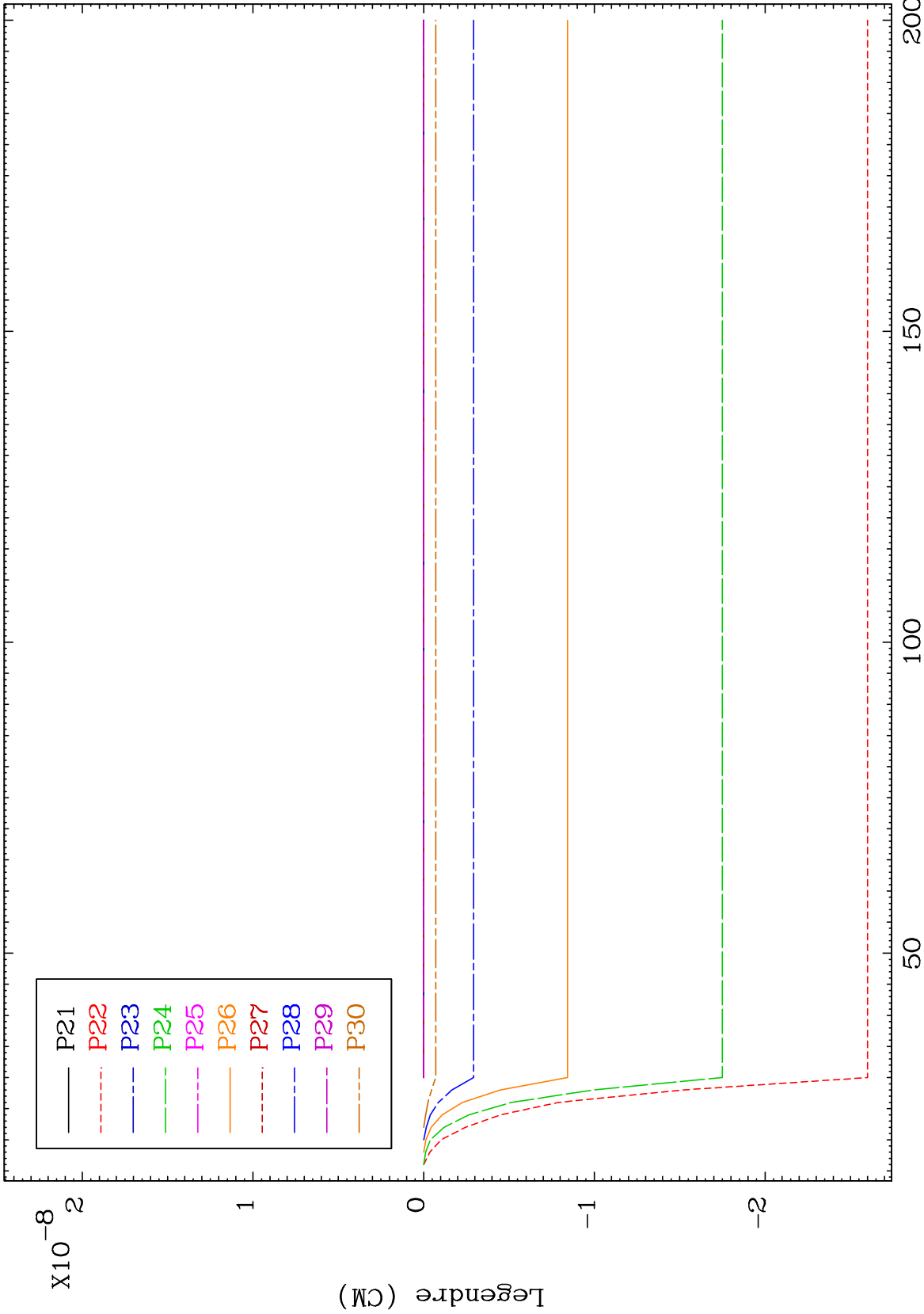
Incident Energy (MeV)

42

MAT 1649

MT= 58 (n,n') Level  
Legendre Coefficients

16-S -40

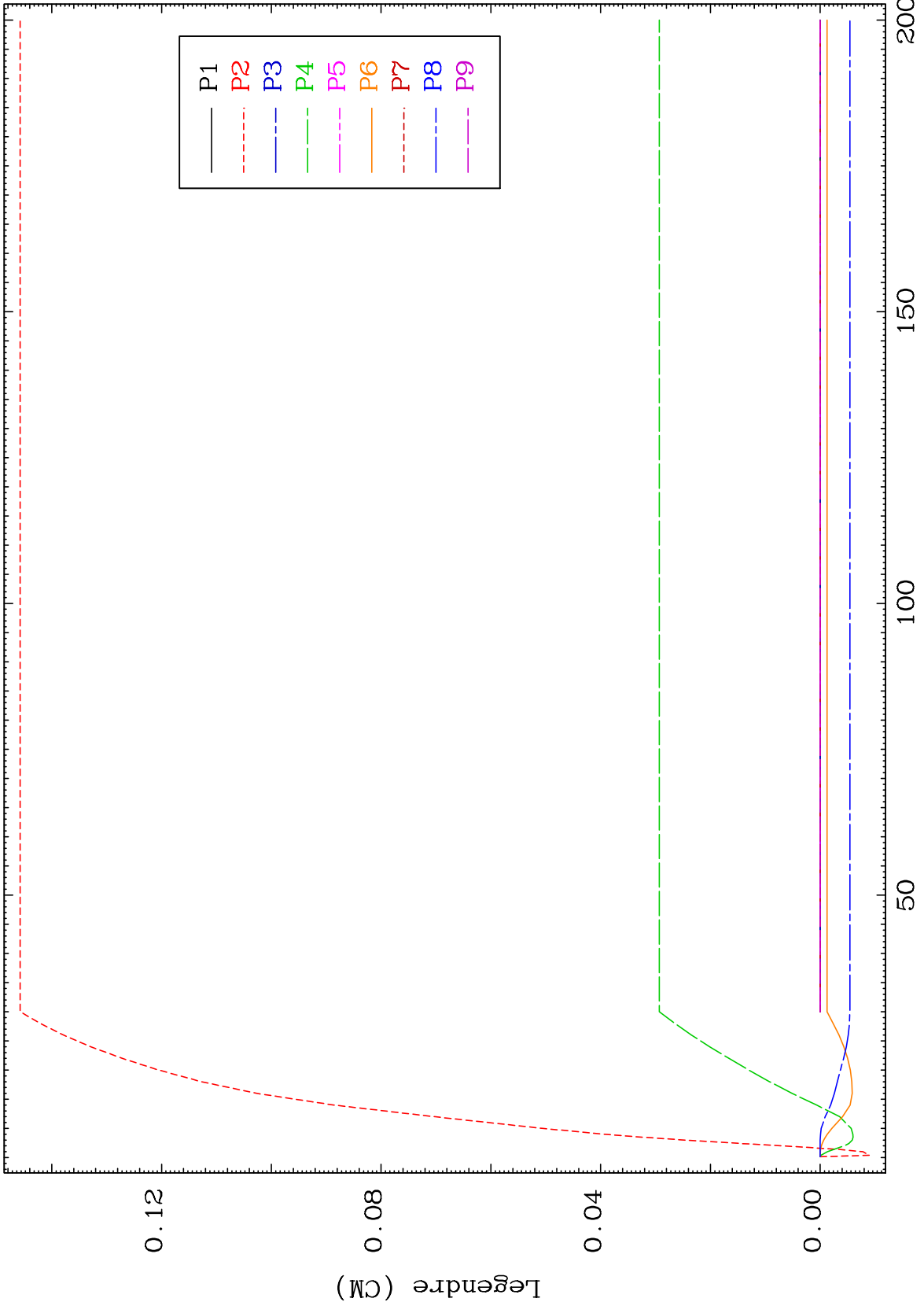


43

Incident Energy (MeV)

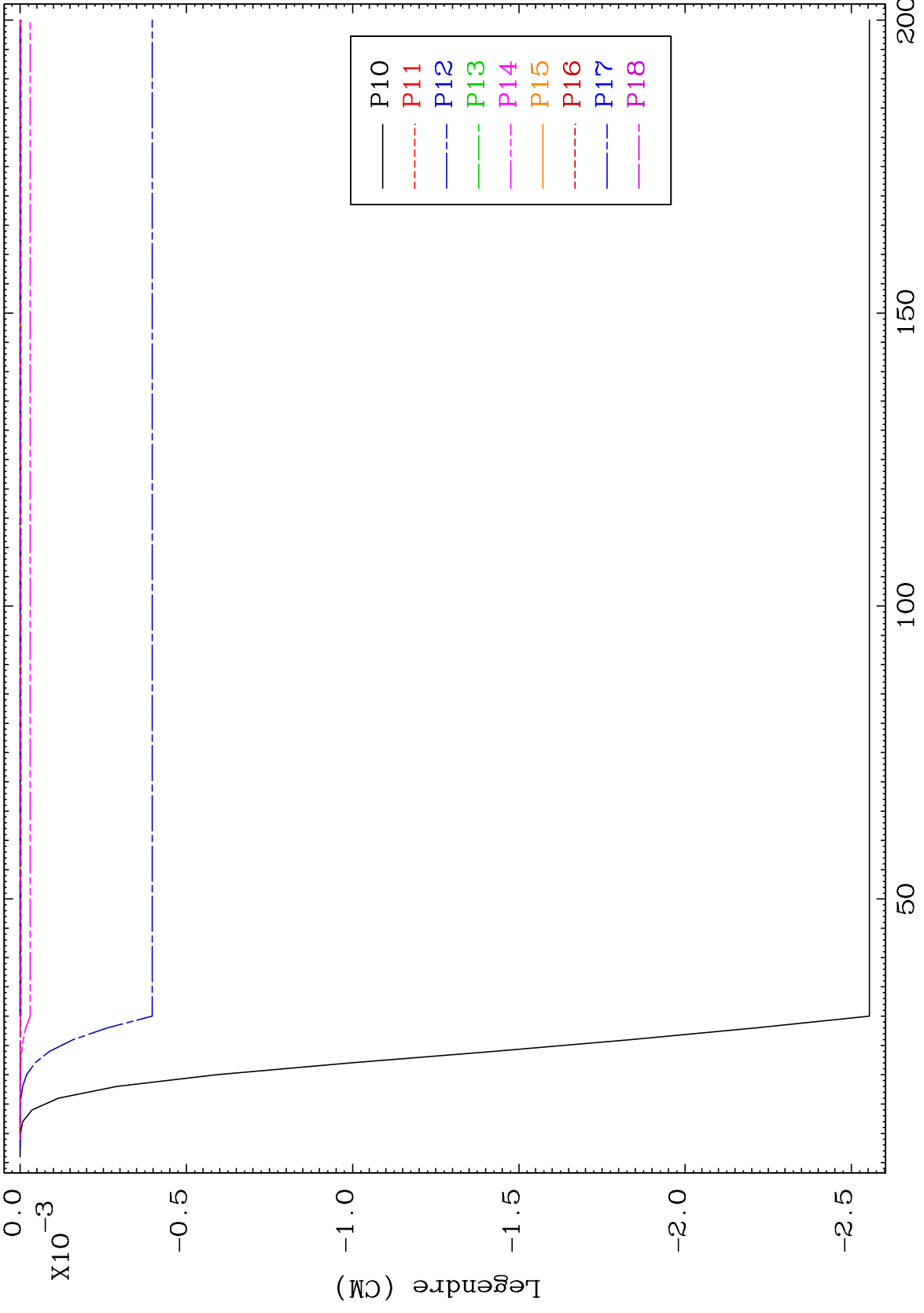
16-S -40

MAT 1649 MT= 59 (n,n') Level Legendre Coefficients 16-S -40



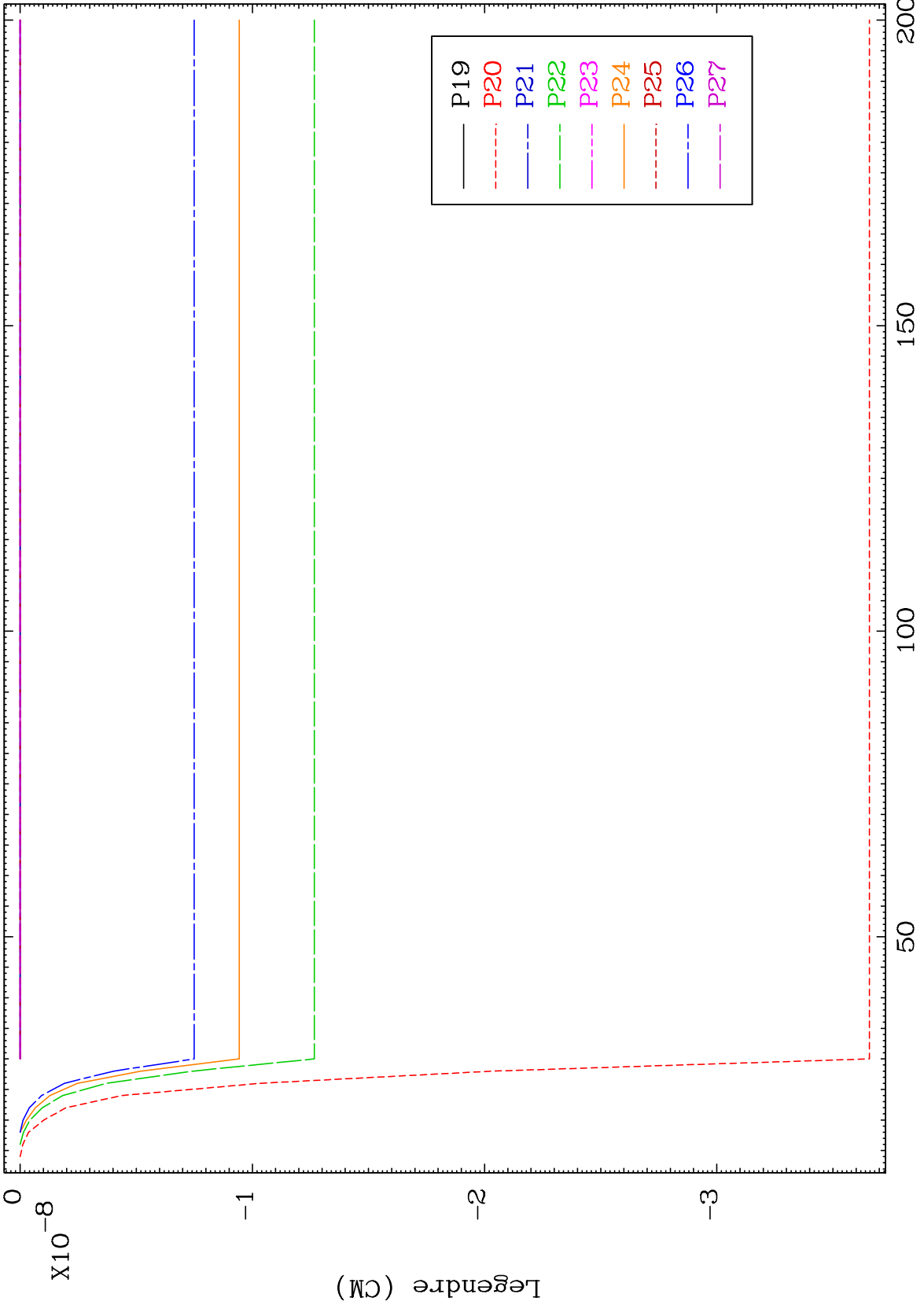
44 Incident Energy (MeV) 16-S -40

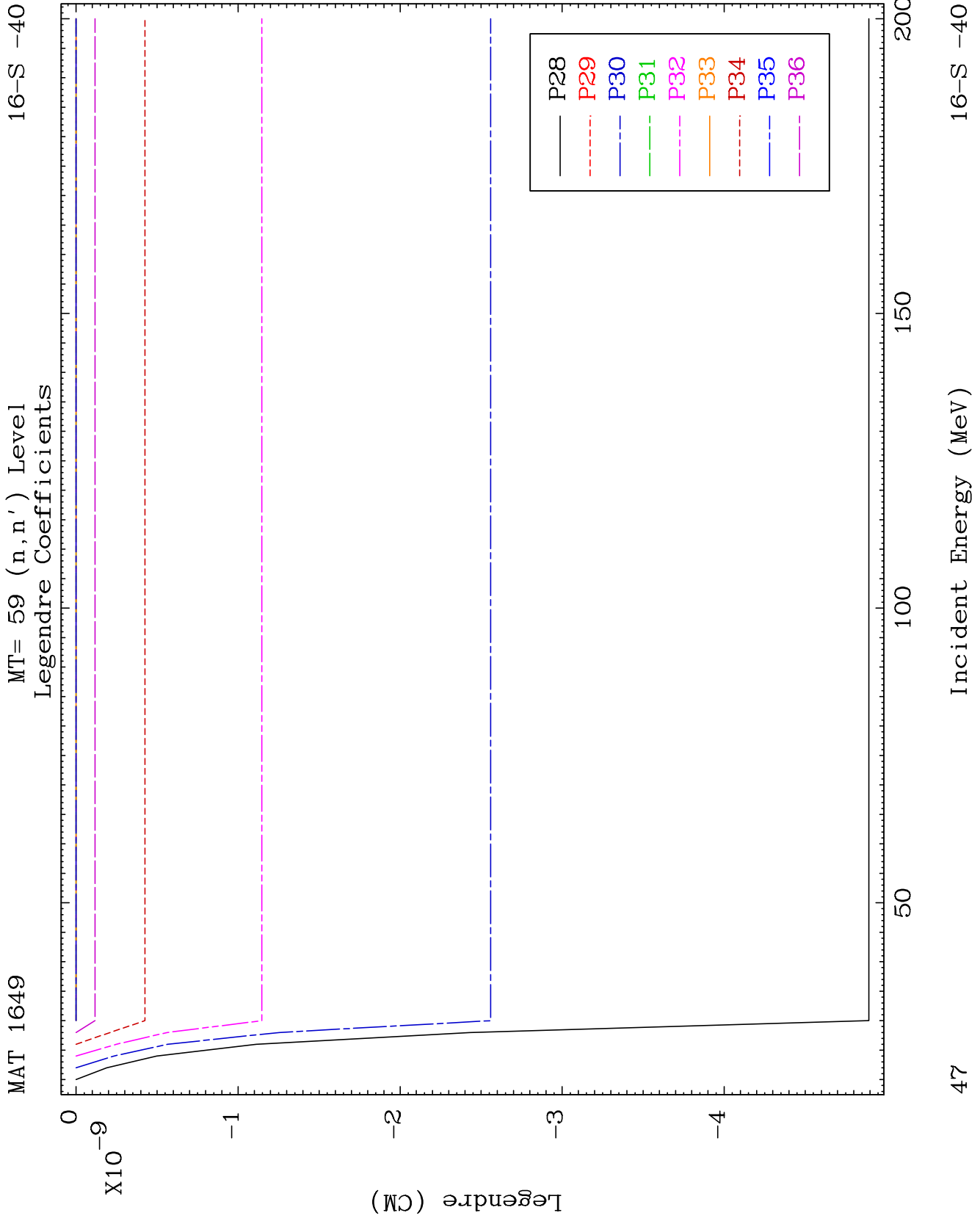
MAT 1649 MT= 59 (n,n') Level Legendre Coefficients 16-S -40



45 Incident Energy (MeV) 16-S -40

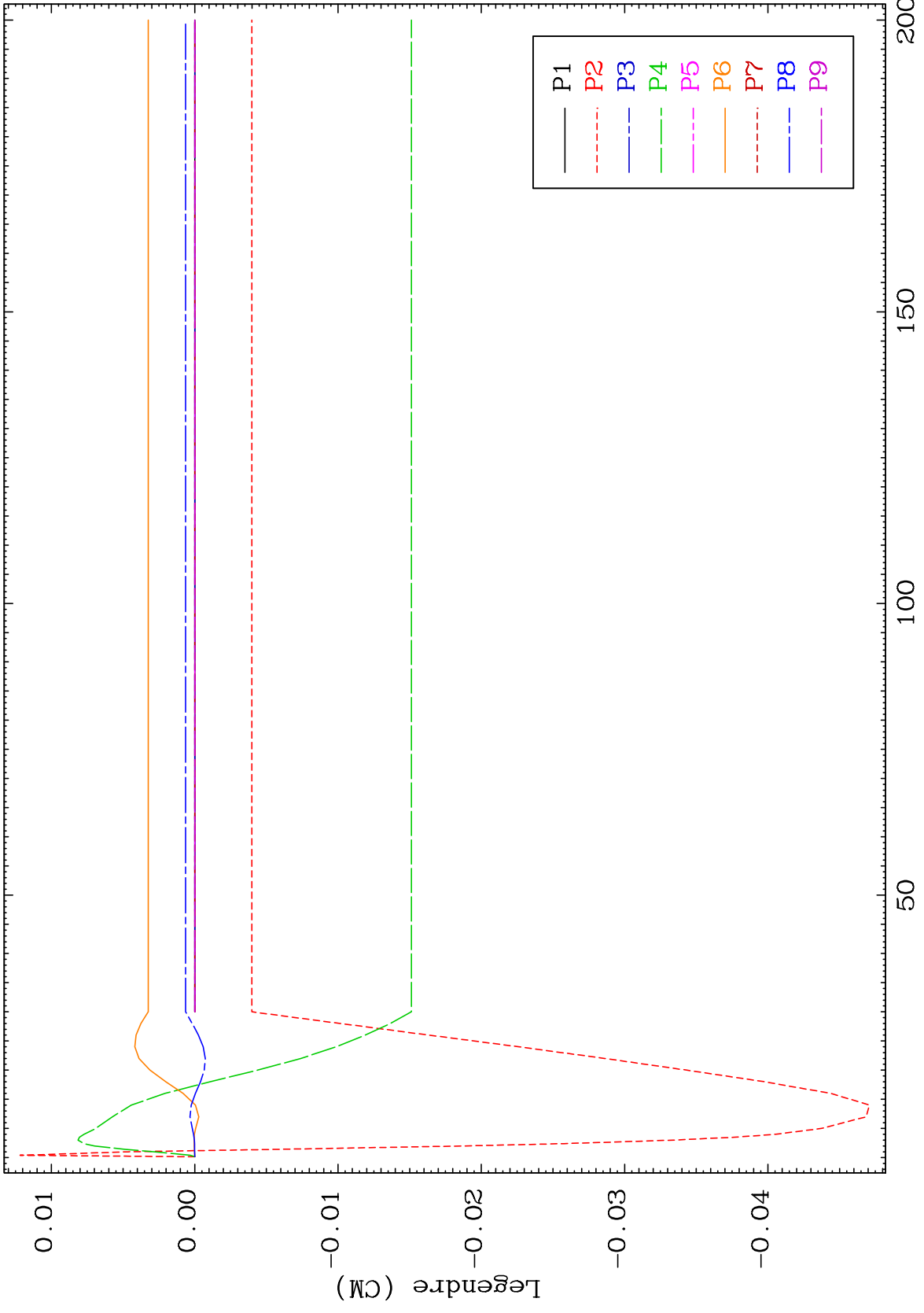
MAT 1649 MT= 59 (n,n') Level Legendre Coefficients 16-S -40







MAT 1649 MT= 60 (n,n') Level Legendre Coefficients 16-S -40



48

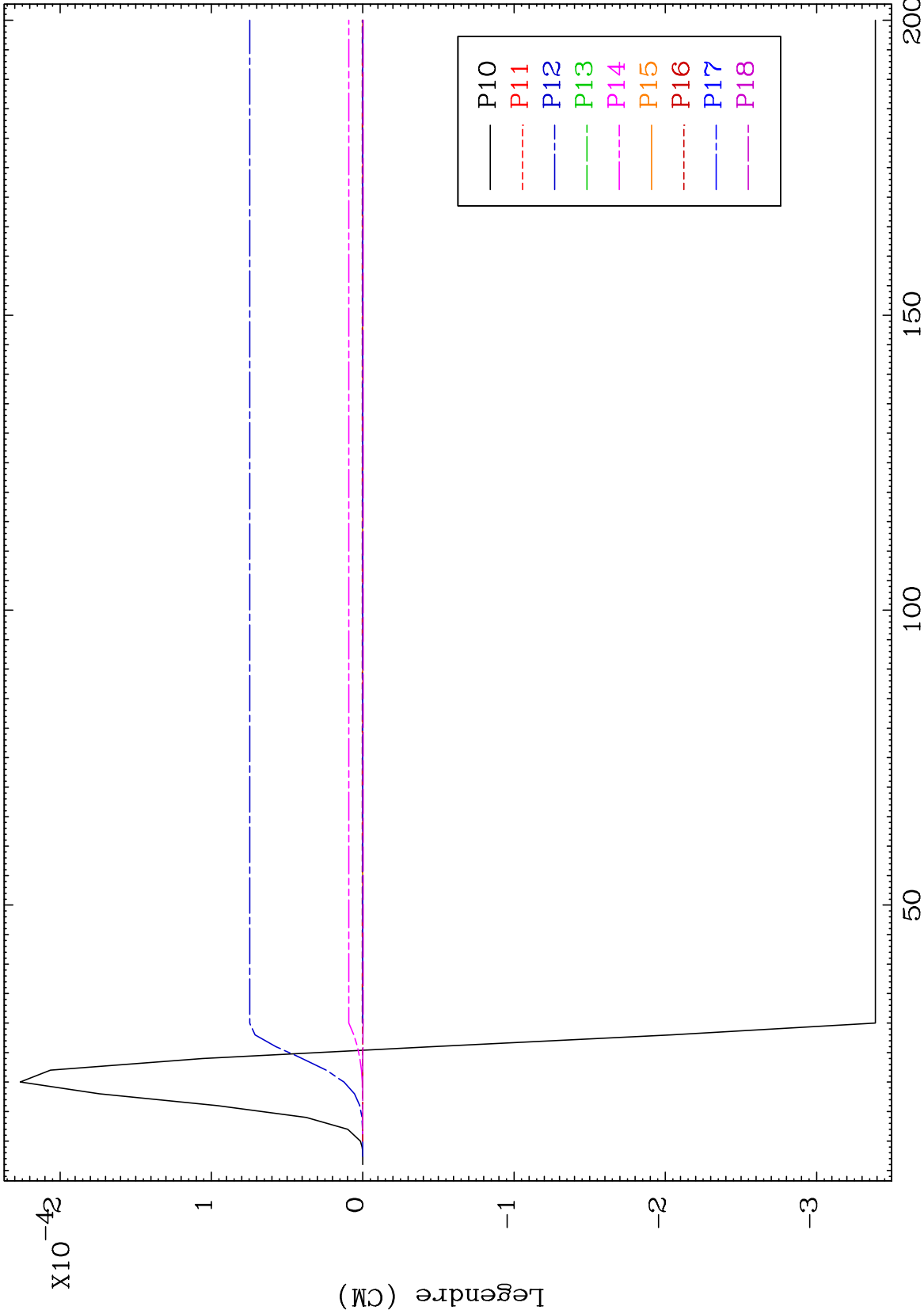
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 60 (n,n') Level  
Legendre Coefficients

16-S -40

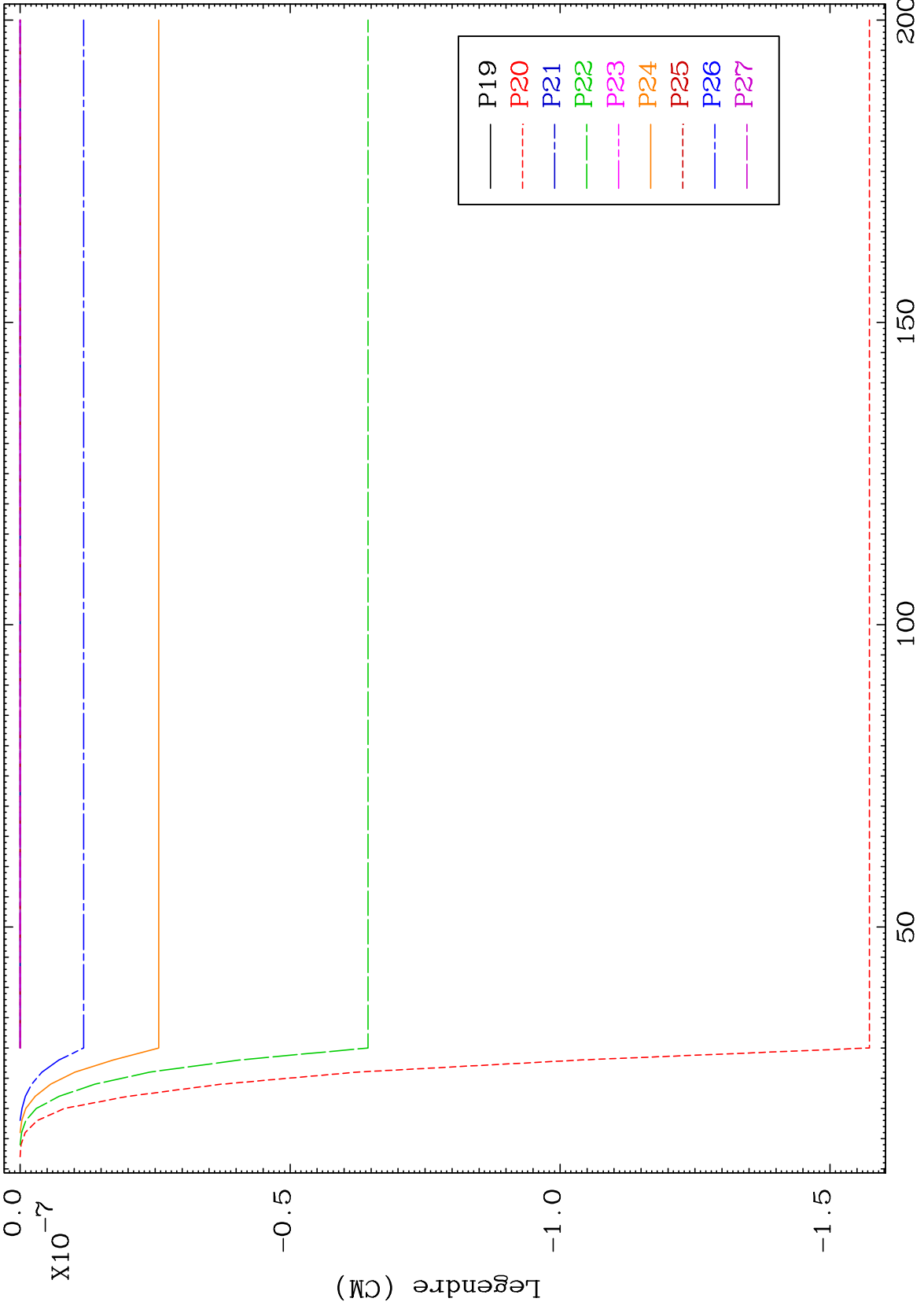


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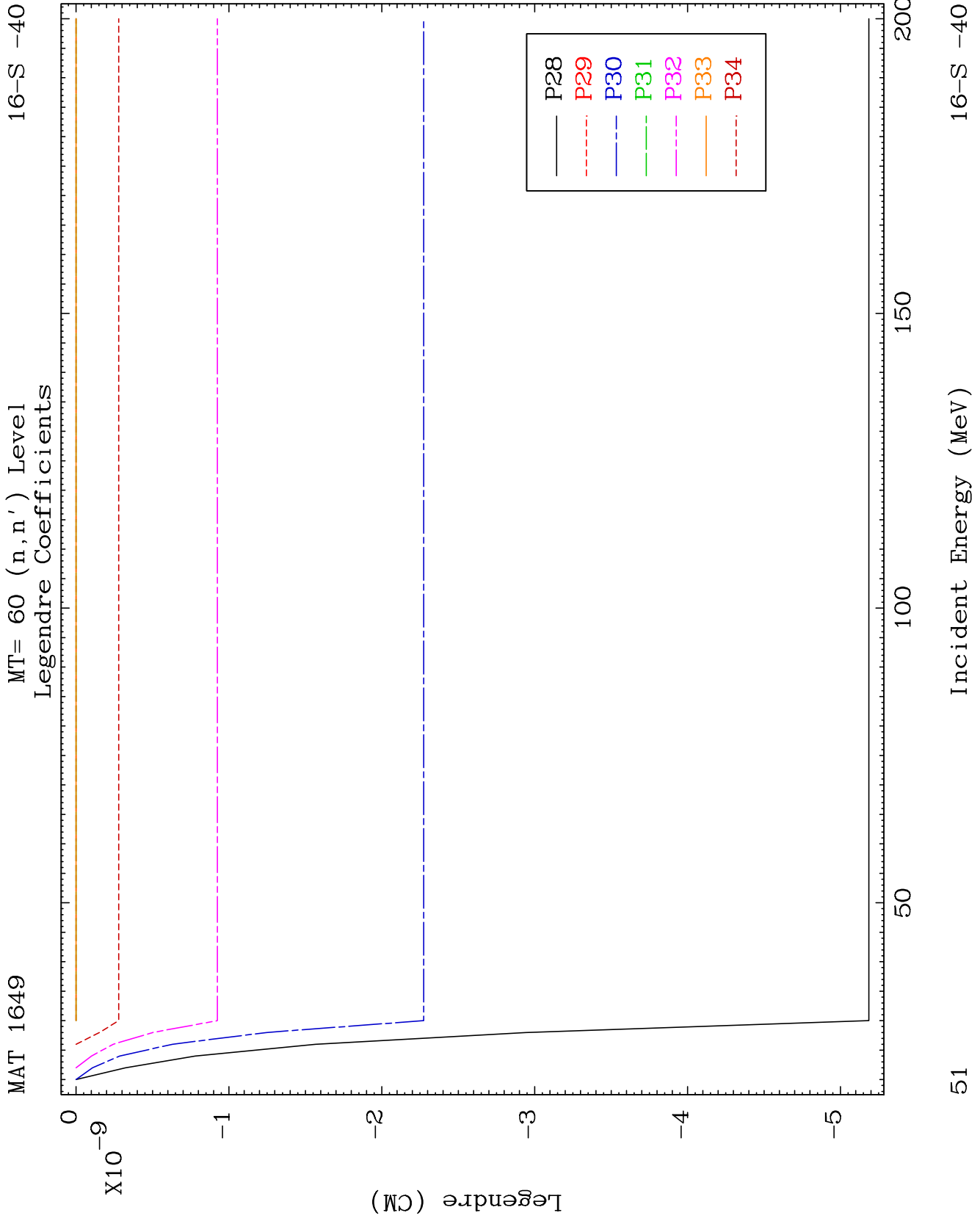
Incident Energy (MeV)

16-S -40

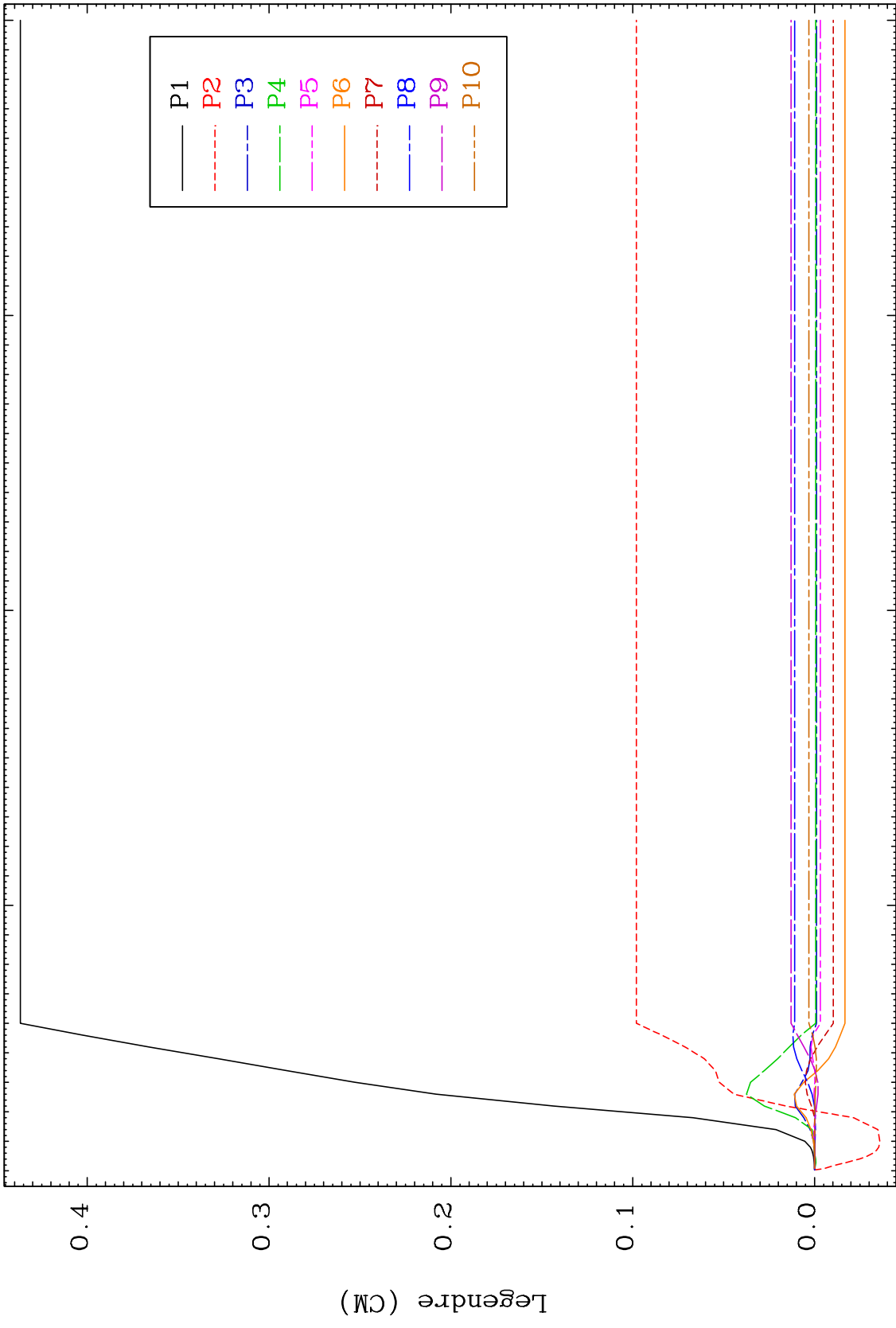
MAT 1649 MT= 60 (n,n') Level Legendre Coefficients 16-S -40



50 100 150 200 Incident Energy (MeV) 16-S -40

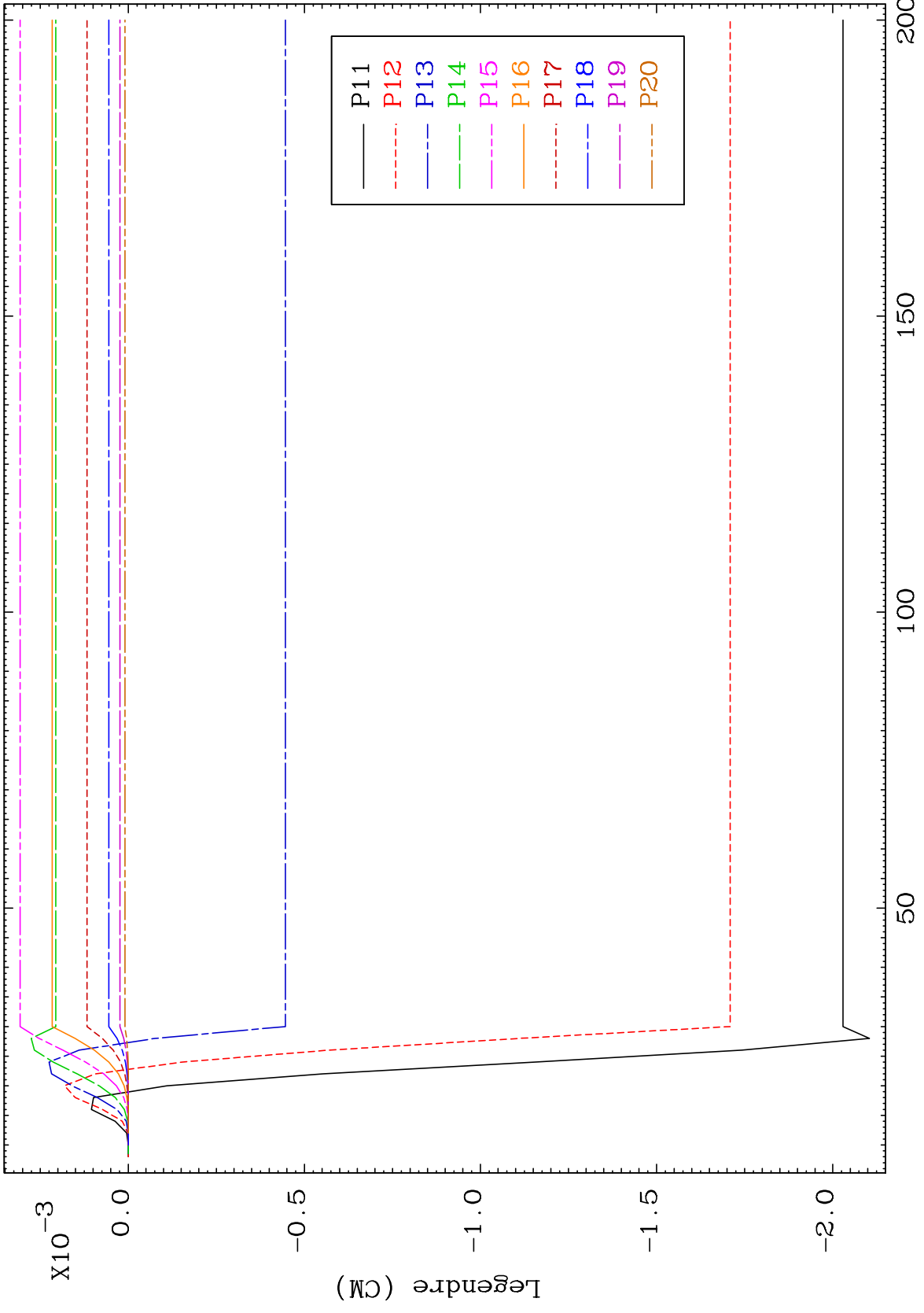


MAT 1649 MT= 61 (n,n') Level Legendre Coefficients 16-S -40



52 Incident Energy (MeV) 16-S -40

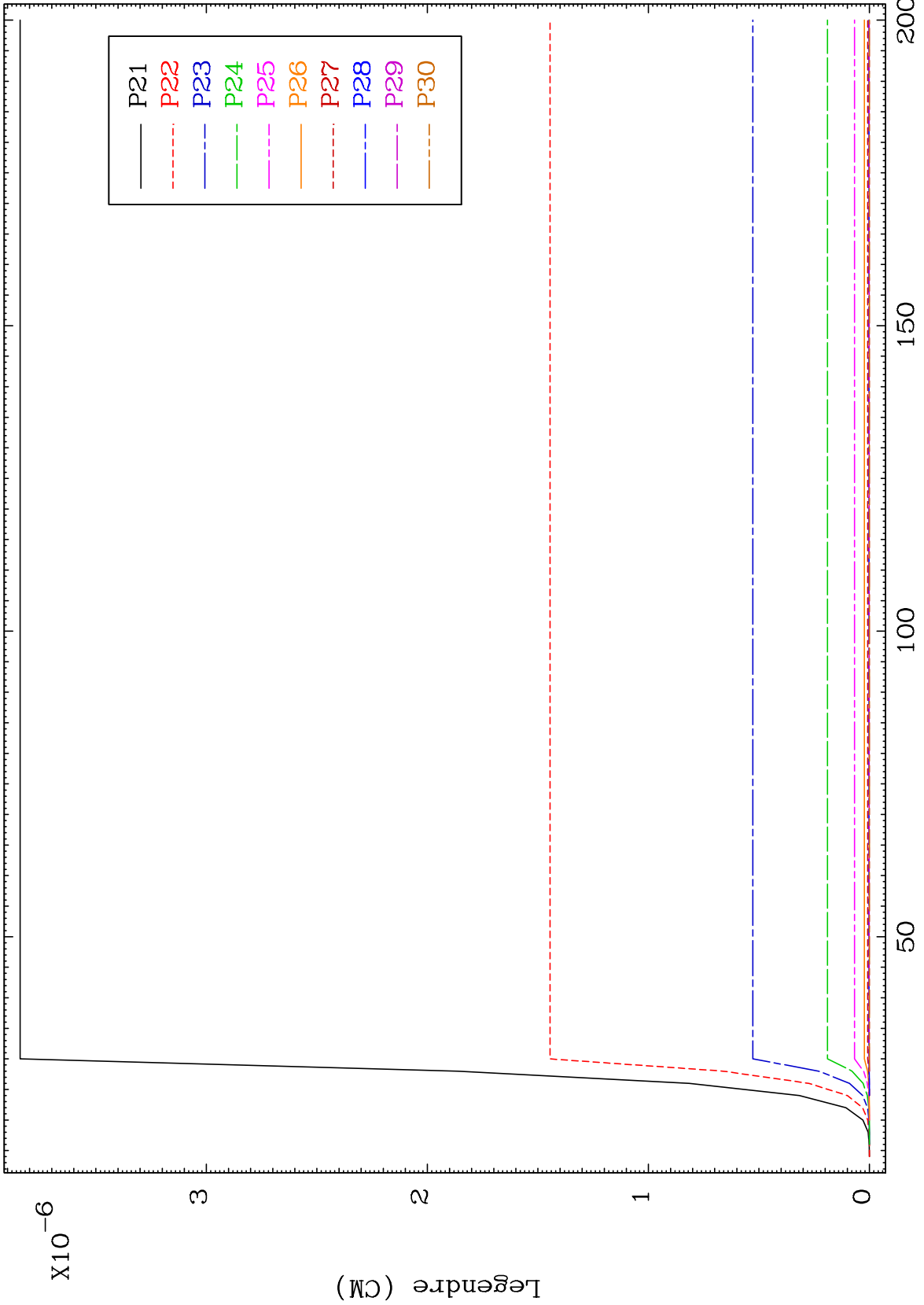
MAT 1649 MT= 61 (n,n') Level Legendre Coefficients 16-S -40



MAT 1649

MT= 61 (n,n') Level  
Legendre Coefficients

16-S -40



54

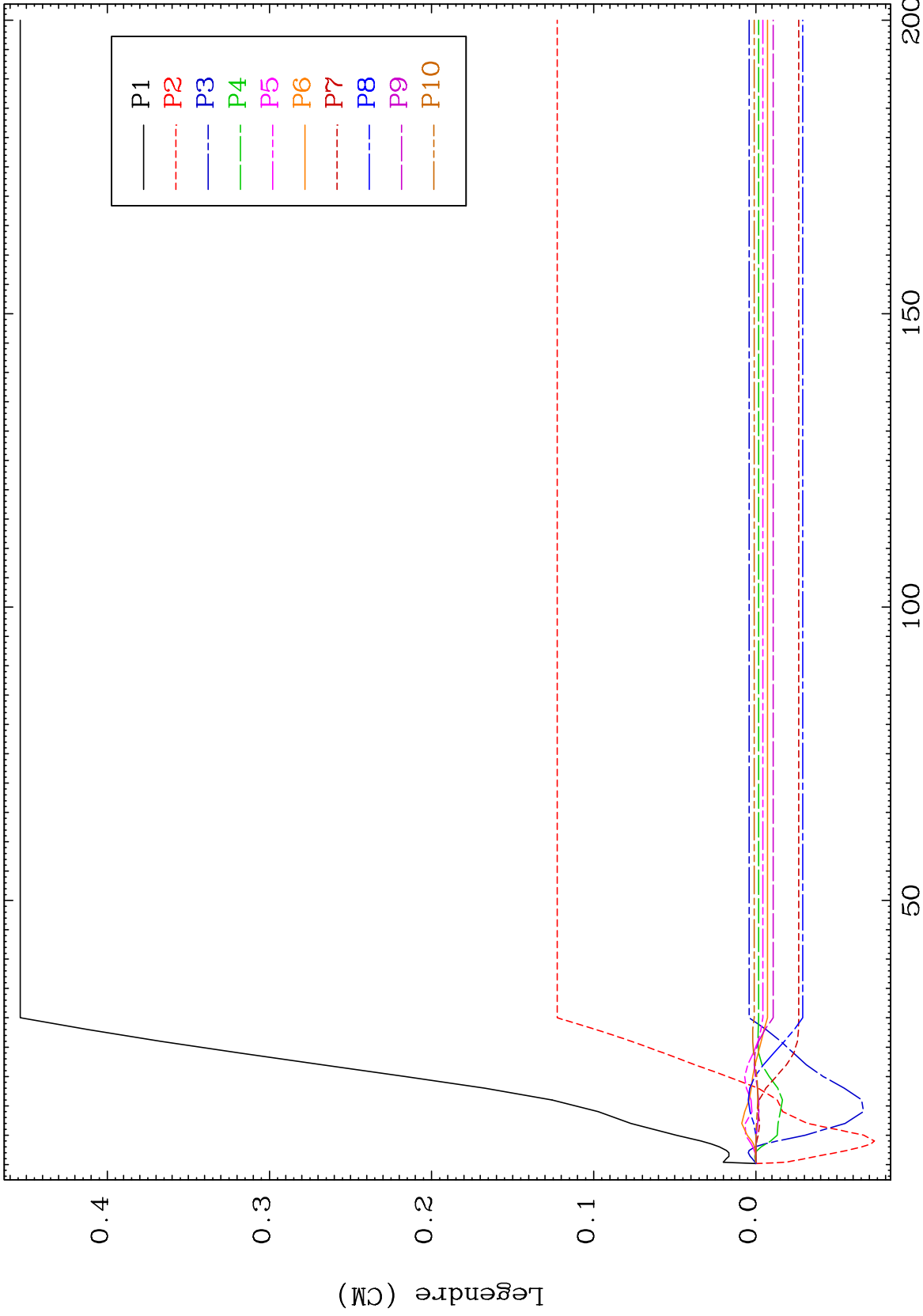
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 62 (n,n') Level  
Legendre Coefficients

16-S -40



55

Incident Energy (MeV)

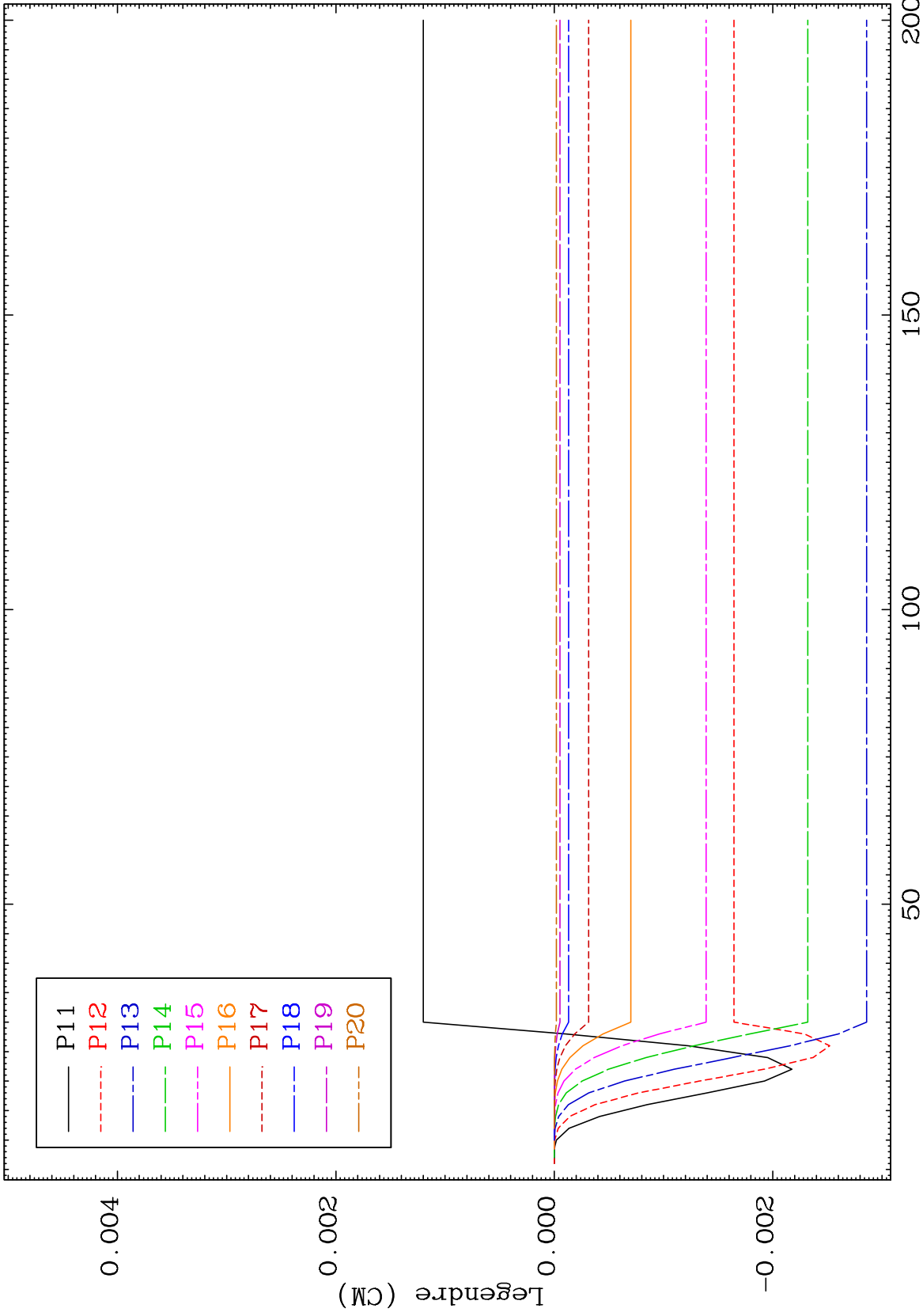
16-S -40



MAT 1649

MT= 62 (n,n') Level  
Legendre Coefficients

16-S -40

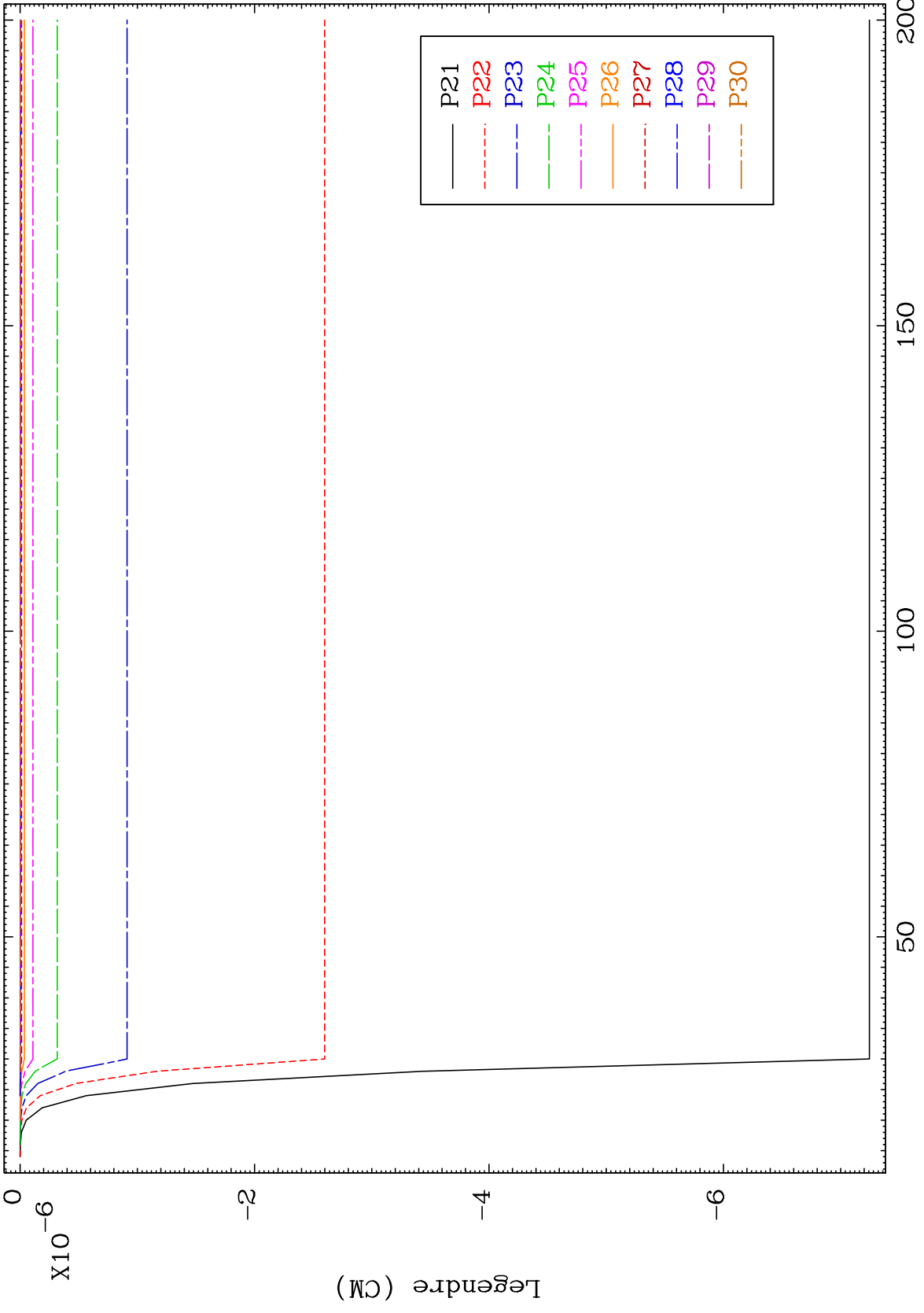


56

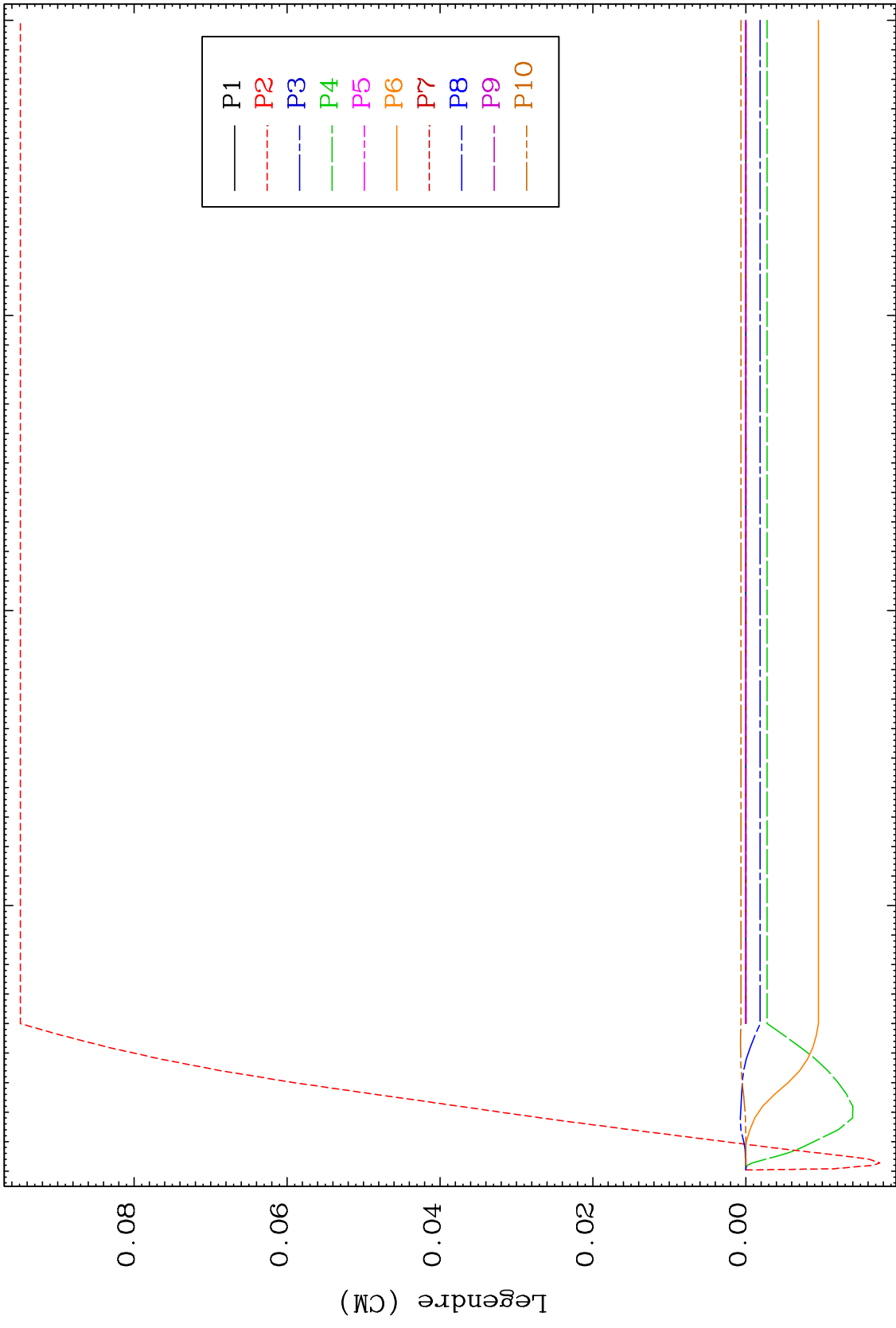
Incident Energy (MeV)

16-S -40

MAT 1649 MT= 62 (n,n') Level Legendre Coefficients 16-S -40

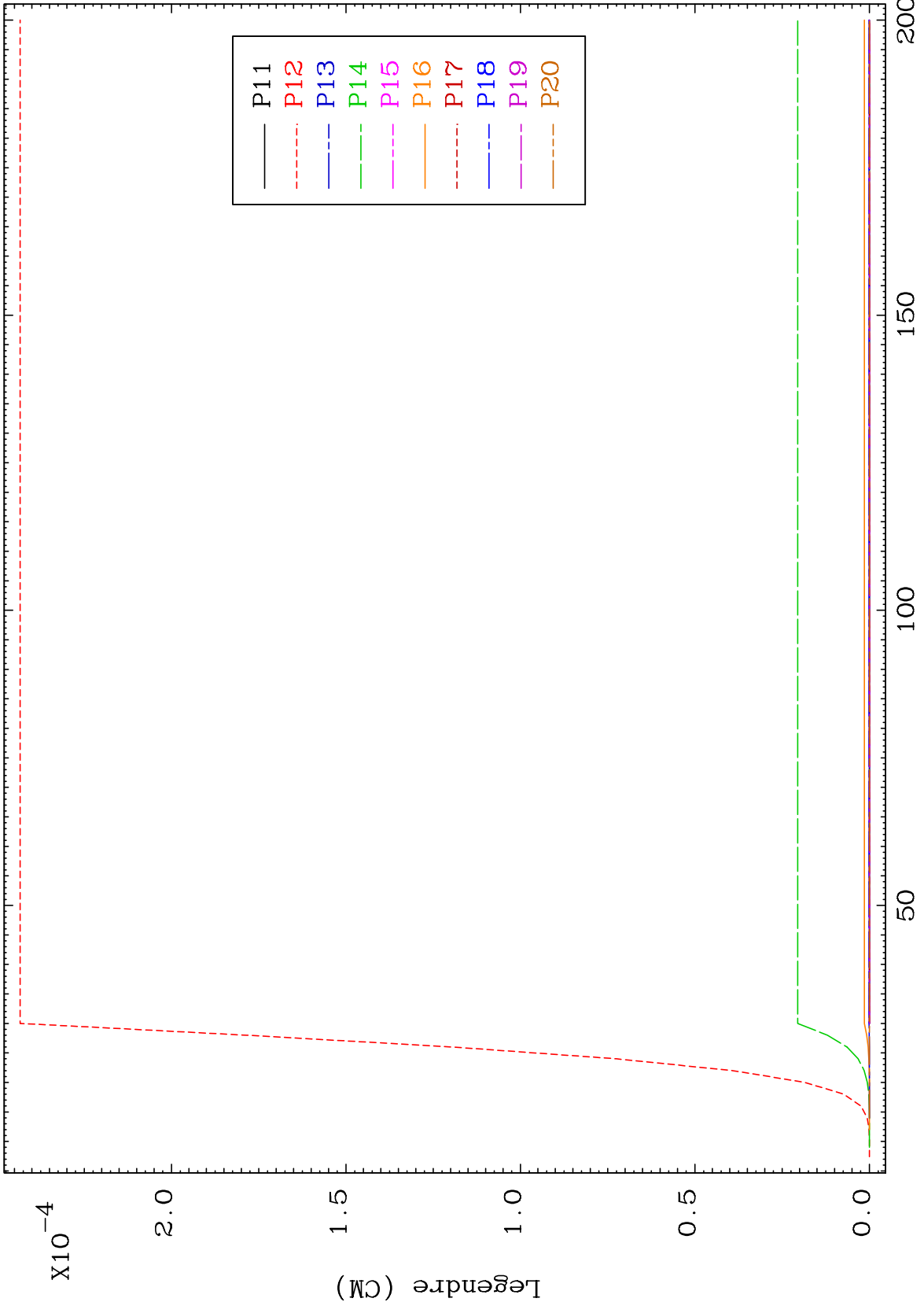


MAT 1649 MT= 63 (n,n') Level Legendre Coefficients 16-S -40



58 Incident Energy (MeV) 16-S -40

MAT 1649 MT= 63 (n,n') Level Legendre Coefficients 16-S -40

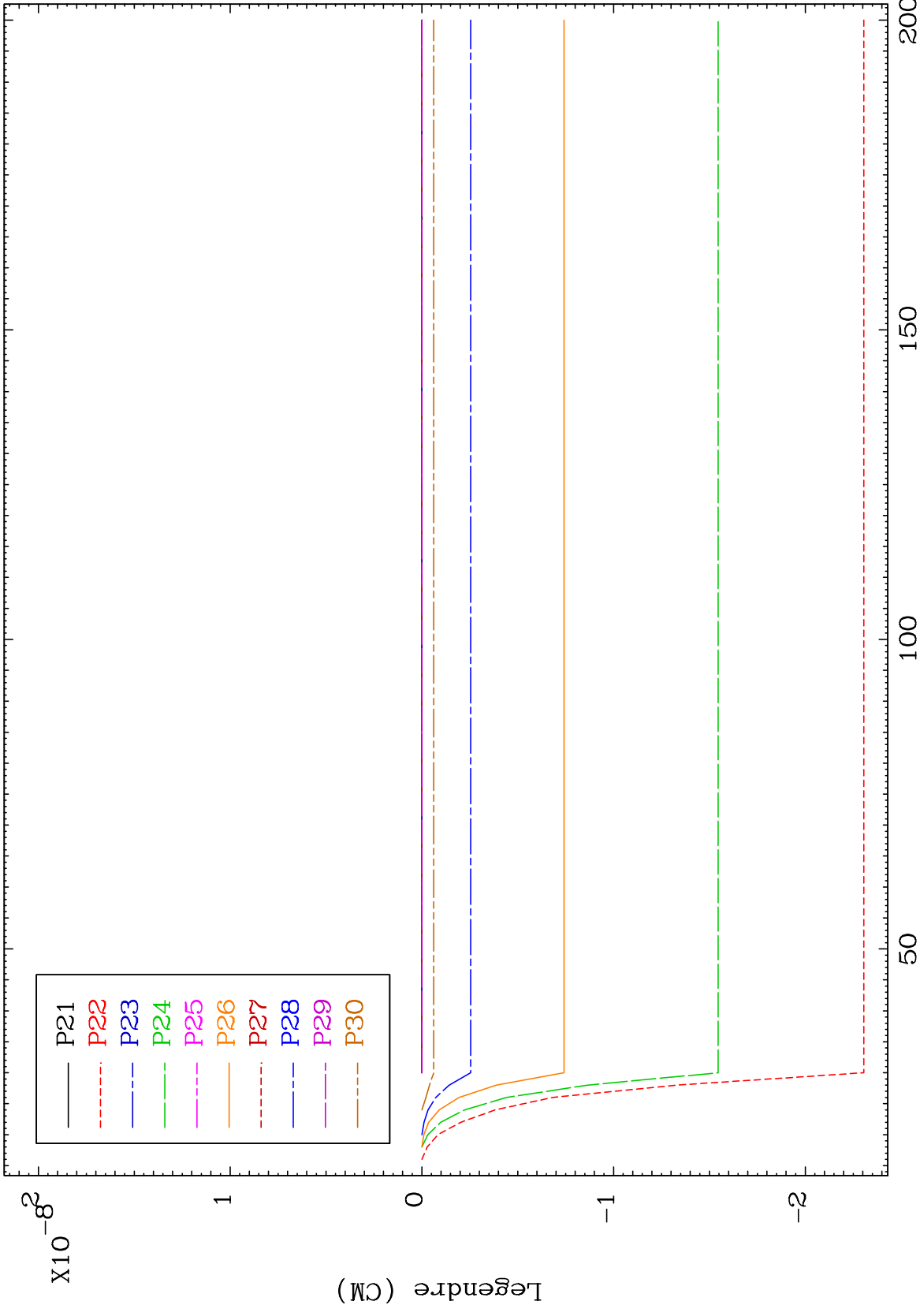


59 16-S -40

MAT 1649

MT= 63 (n,n') Level  
Legendre Coefficients

16-S -40

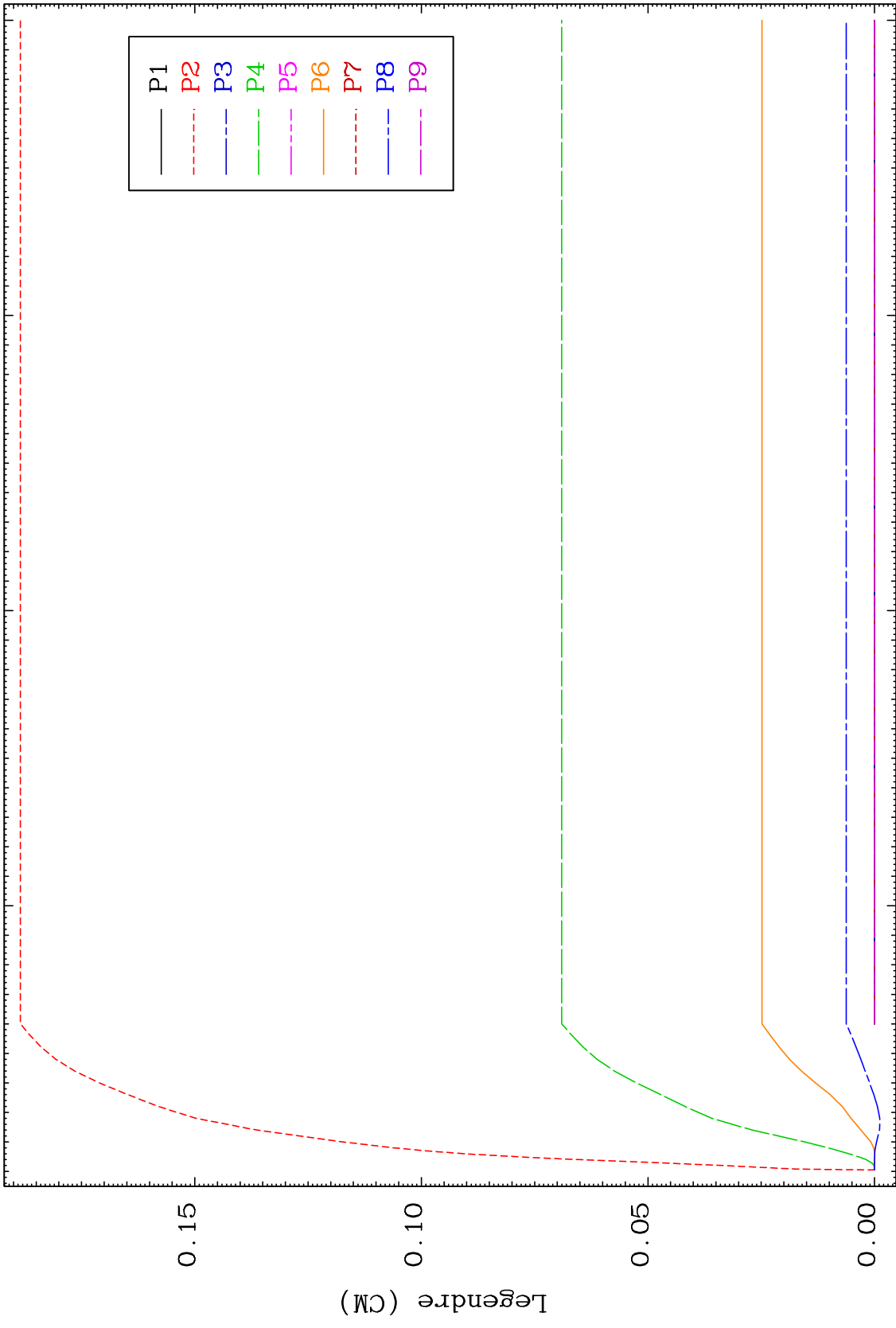


60

Incident Energy (MeV)

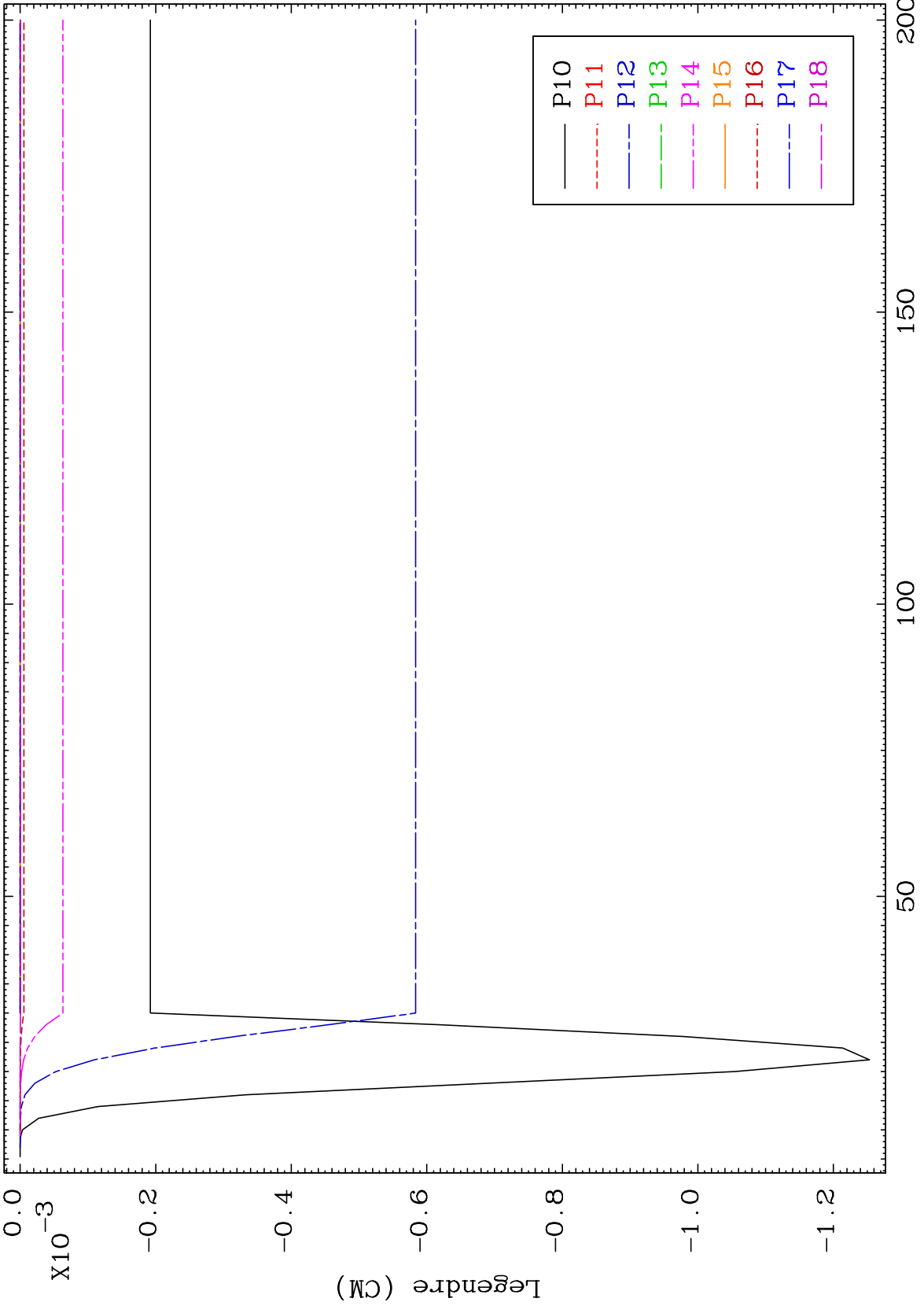
16-S -40

MAT 1649 MT= 64 (n,n') Level Legendre Coefficients 16-S -40

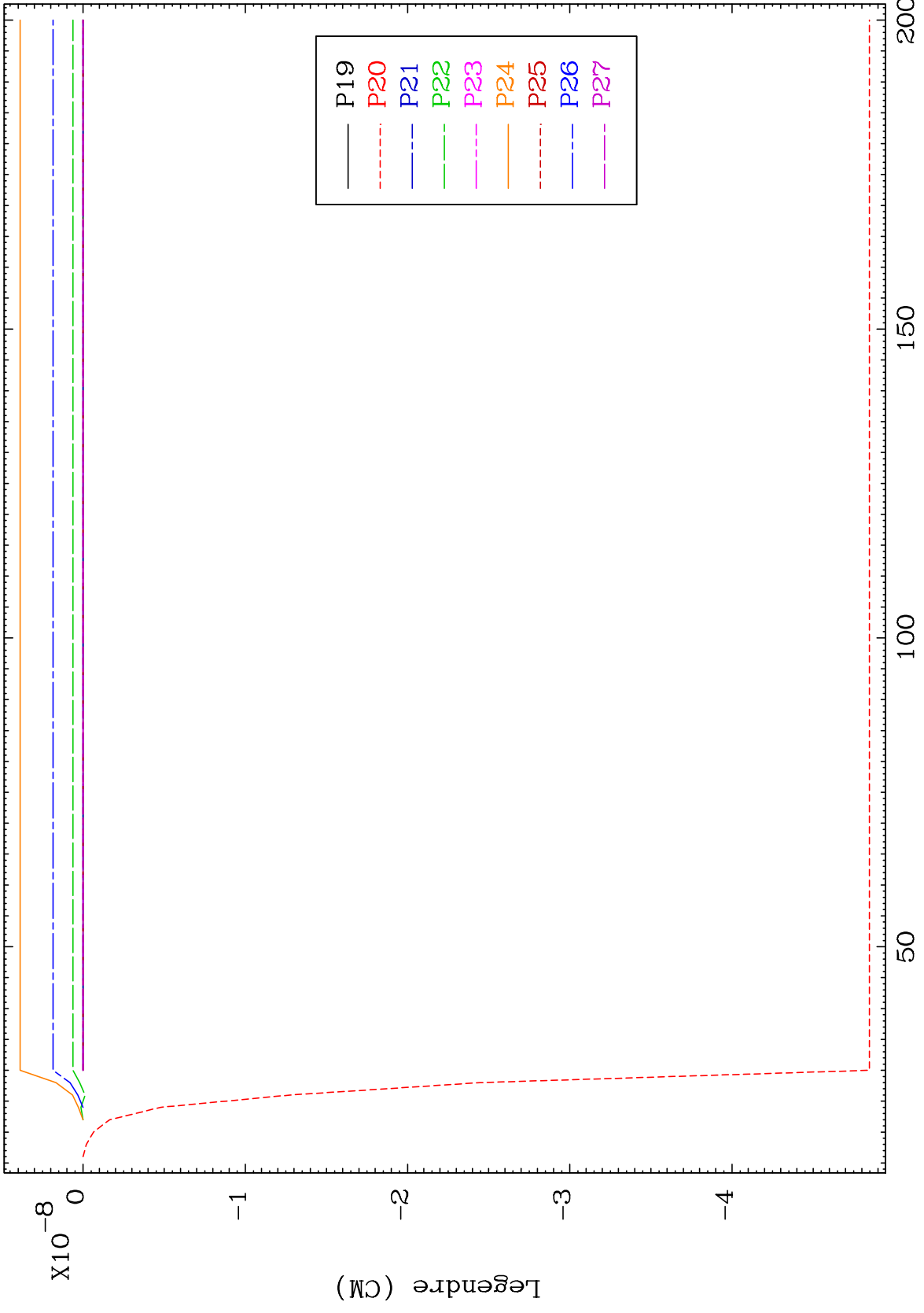


61 Incident Energy (MeV) 16-S -40

MAT 1649 MT= 64 (n,n') Level Legendre Coefficients 16-S -40



MAT 1649 MT= 64 (n,n') Level Legendre Coefficients 16-S -40



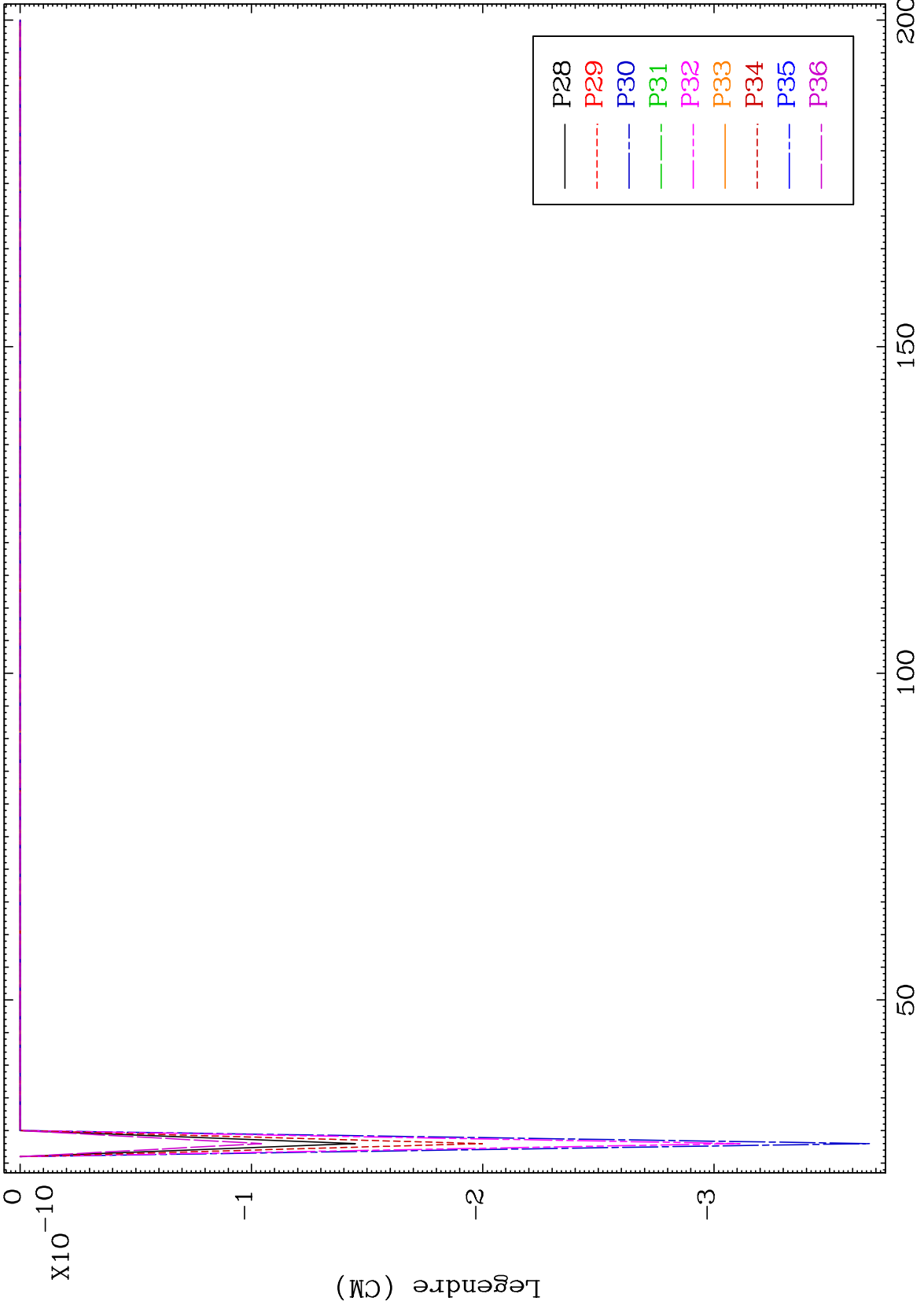
63 16-S -40



MAT 1649 MT= 64 (n,n') Level Legendre Coefficients

16-S -40

16-S -40



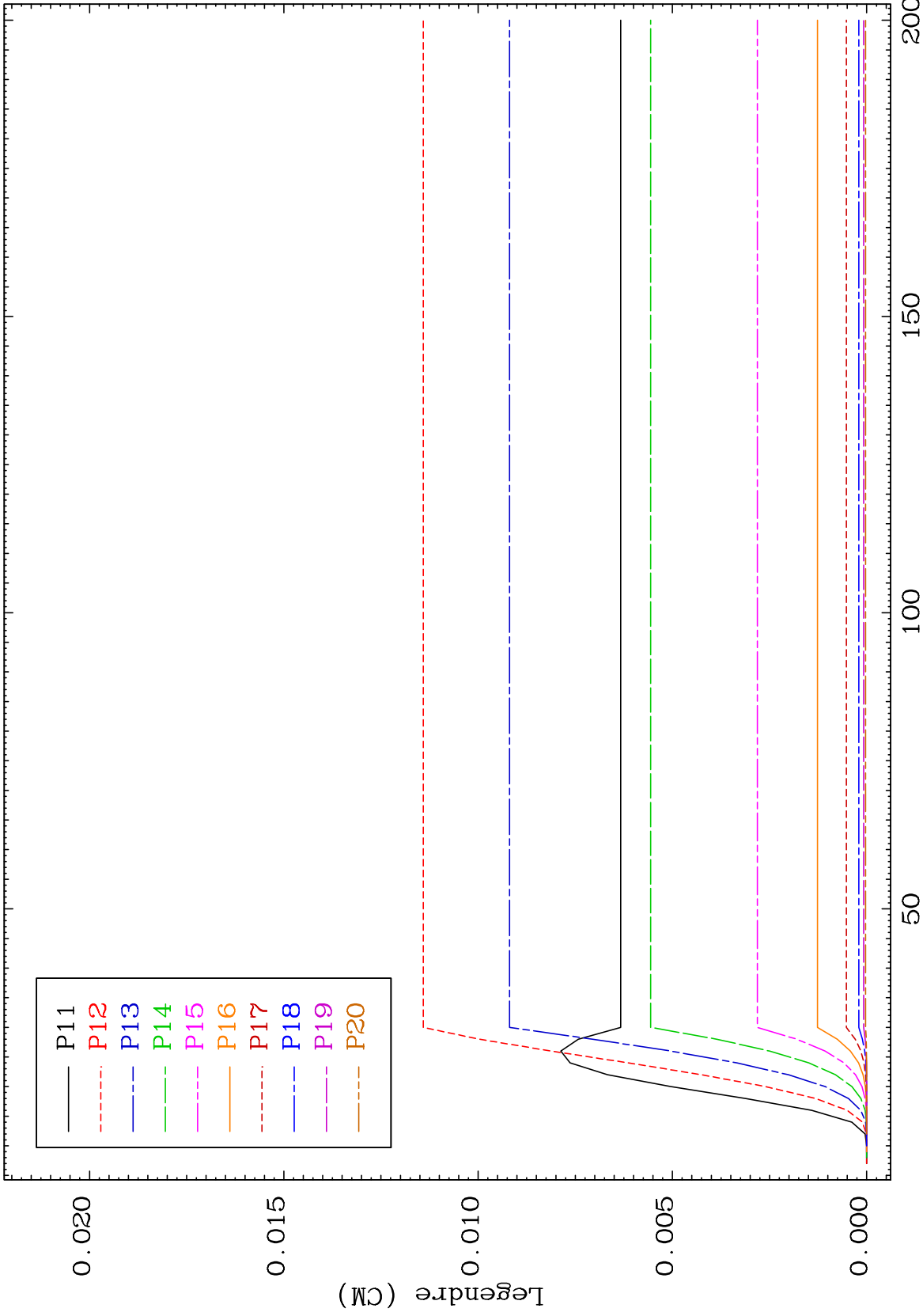
64



MAT 1649

MT= 65 (n,n') Level  
Legendre Coefficients

16-S -40



66

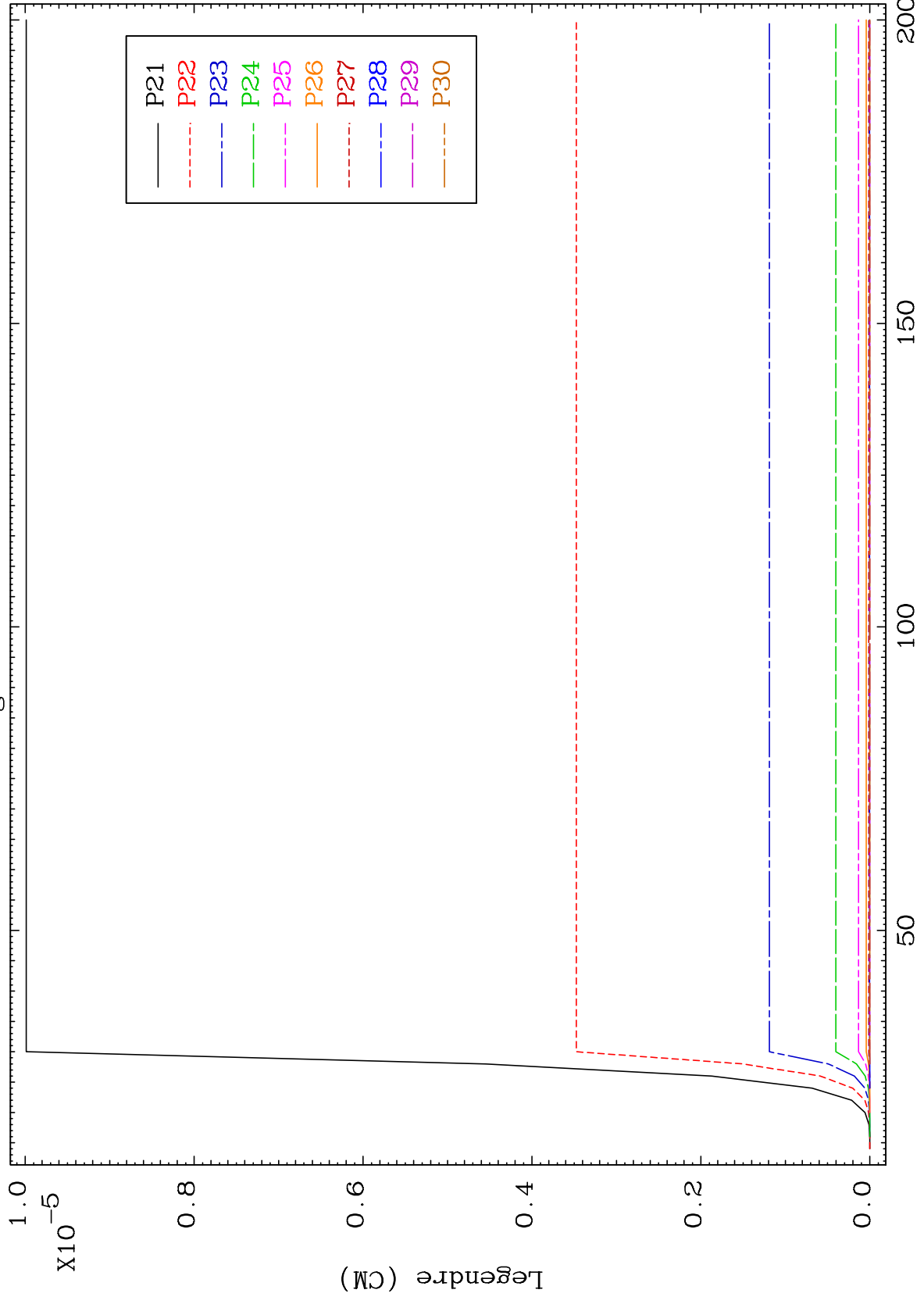
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 65 (n,n') Level  
Legendre Coefficients

16-S -40

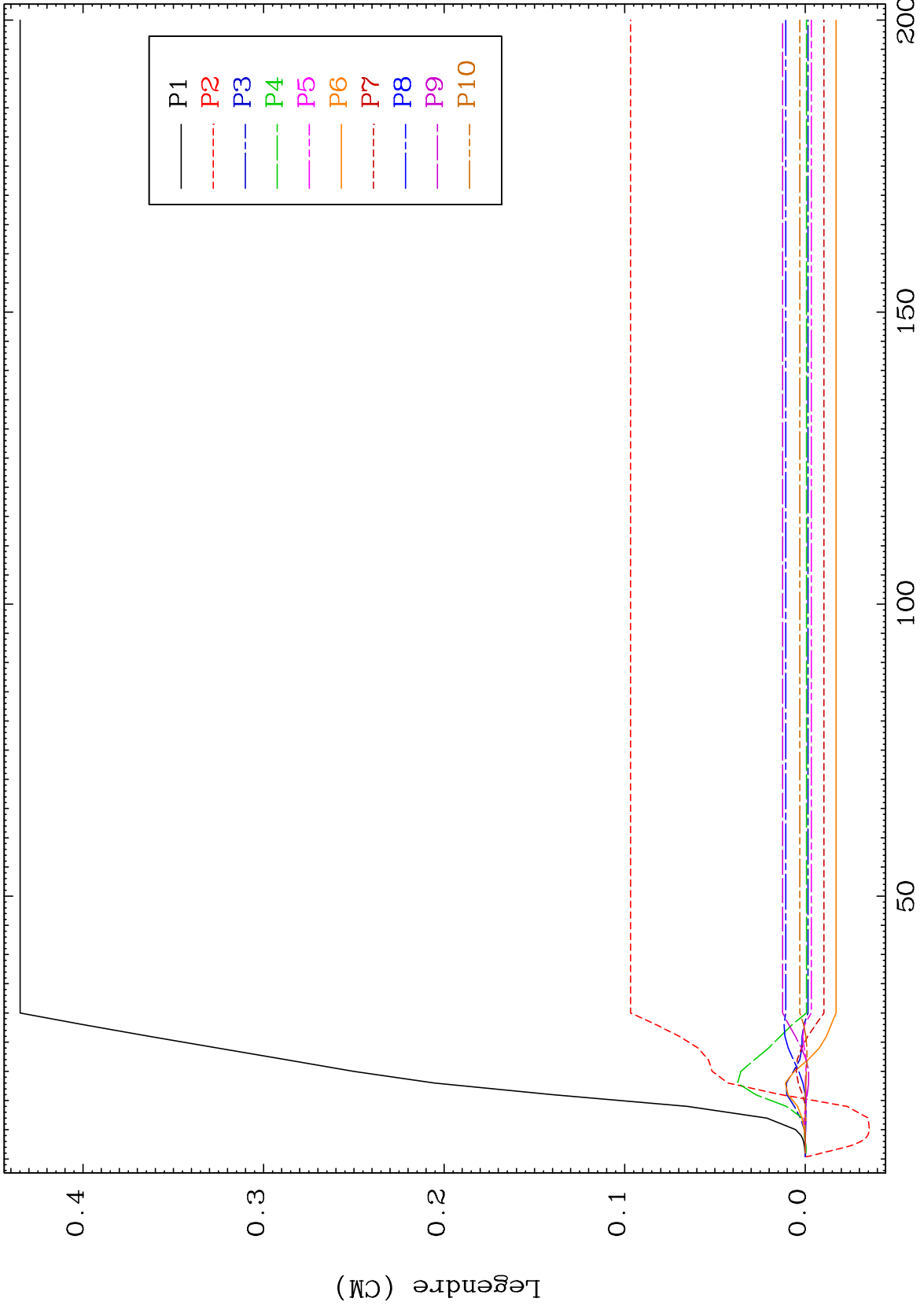


67

Incident Energy (MeV)

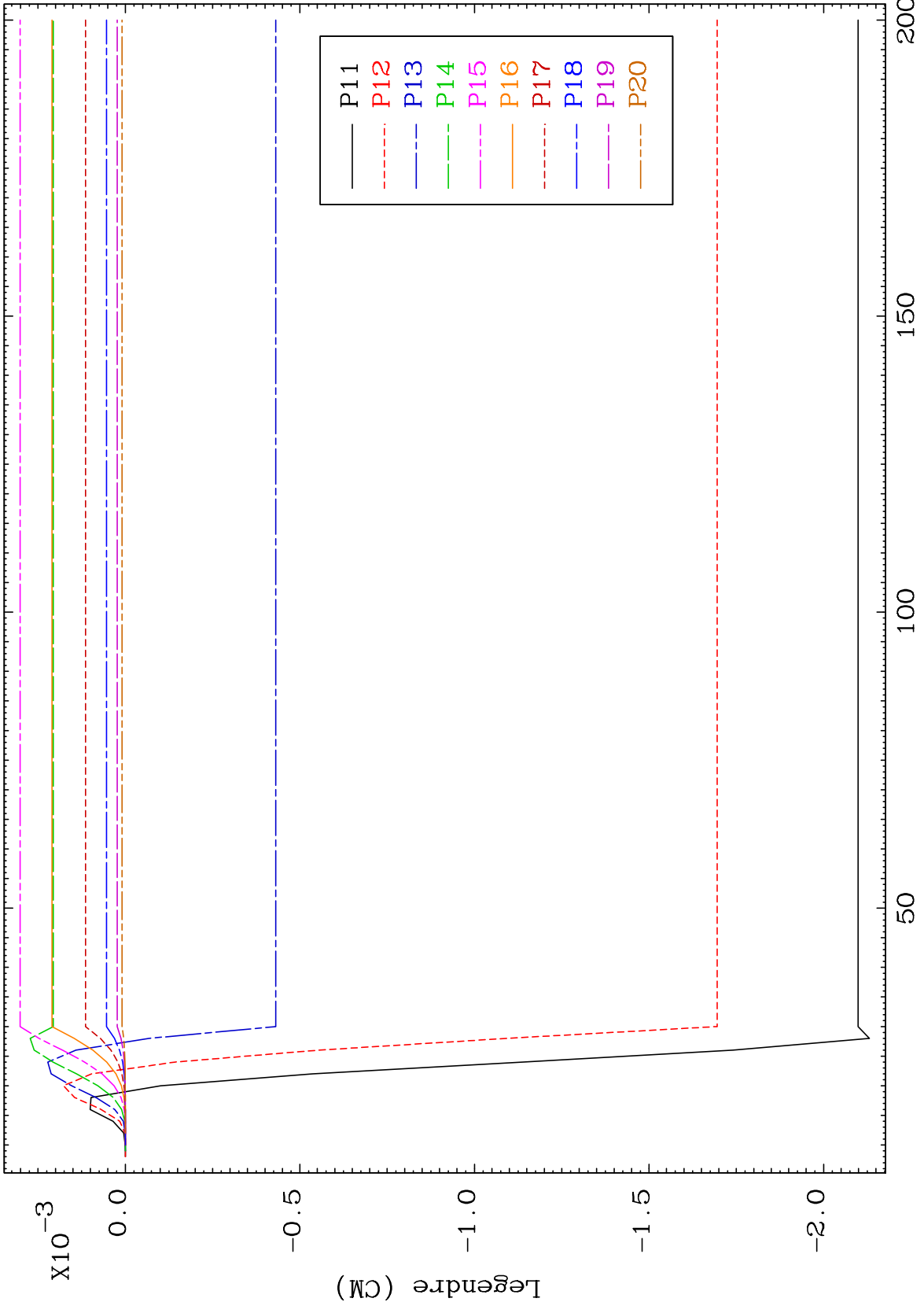
16-S -40

MAT 1649 MT= 66 (n,n') Level Legendre Coefficients 16-S -40



68 16-S -40

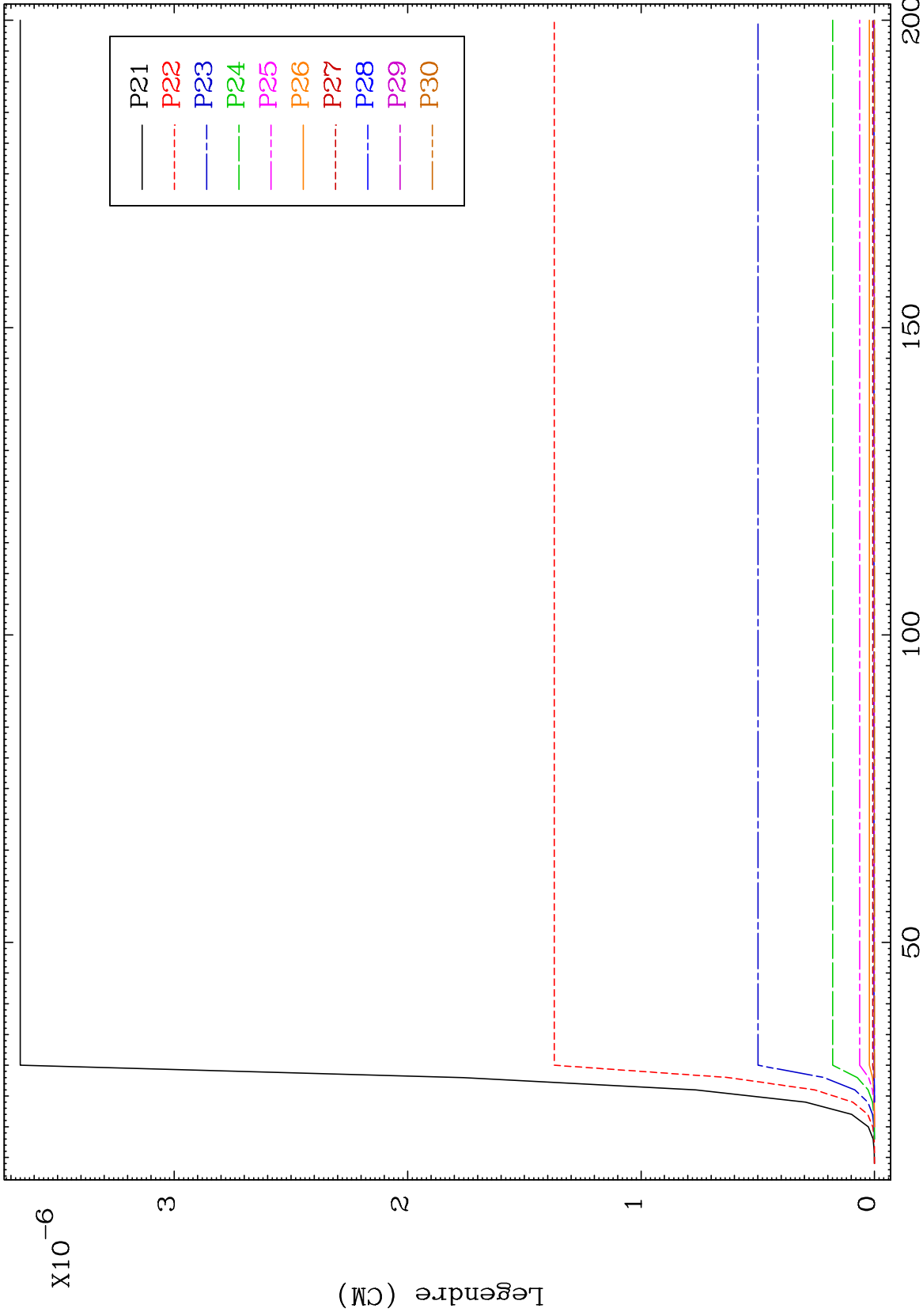
MAT 1649 MT= 66 (n,n') Level Legendre Coefficients 16-S -40



MAT 1649

MT= 66 (n,n') Level  
Legendre Coefficients

16-S -40



70

50

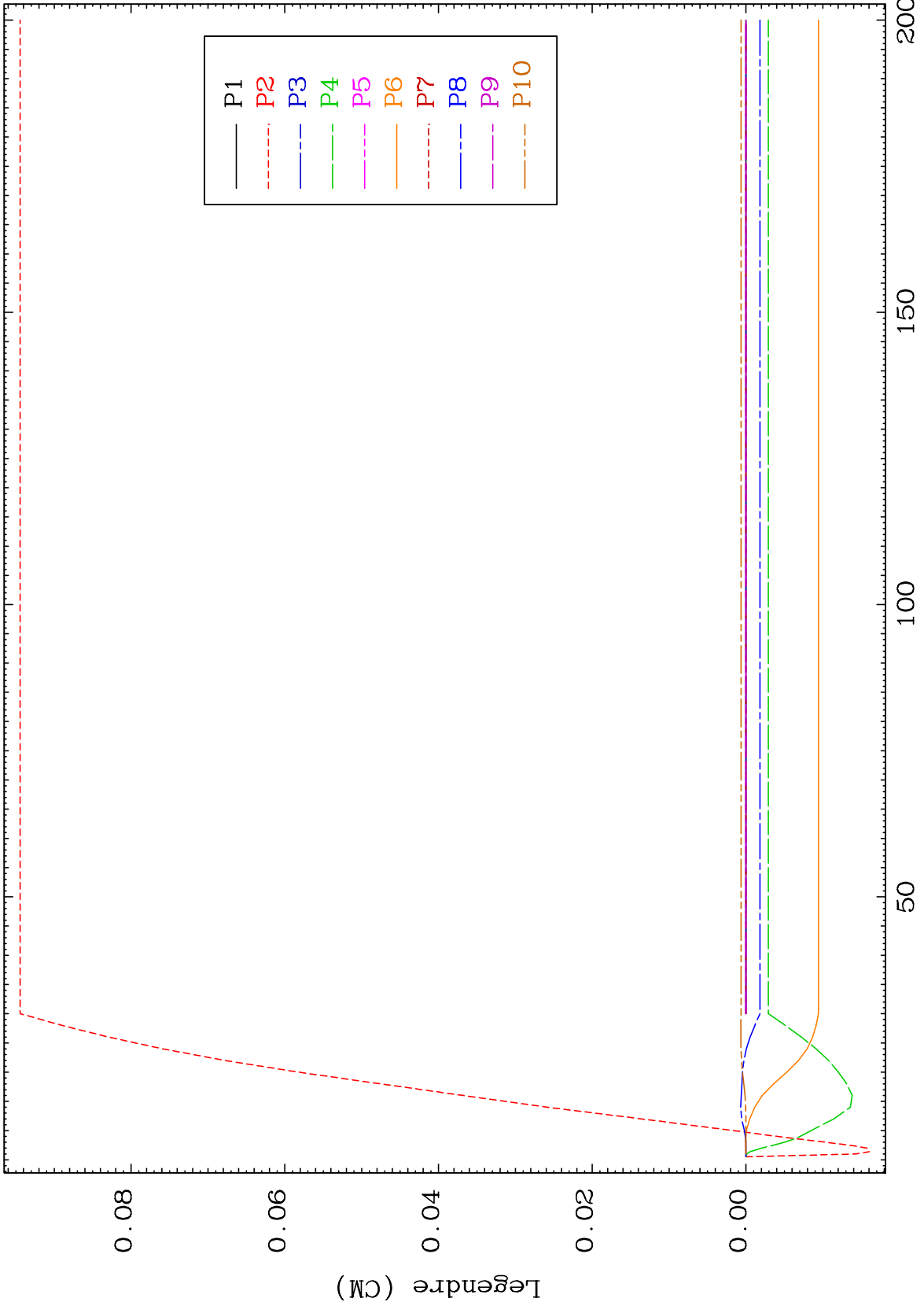
100

150

200

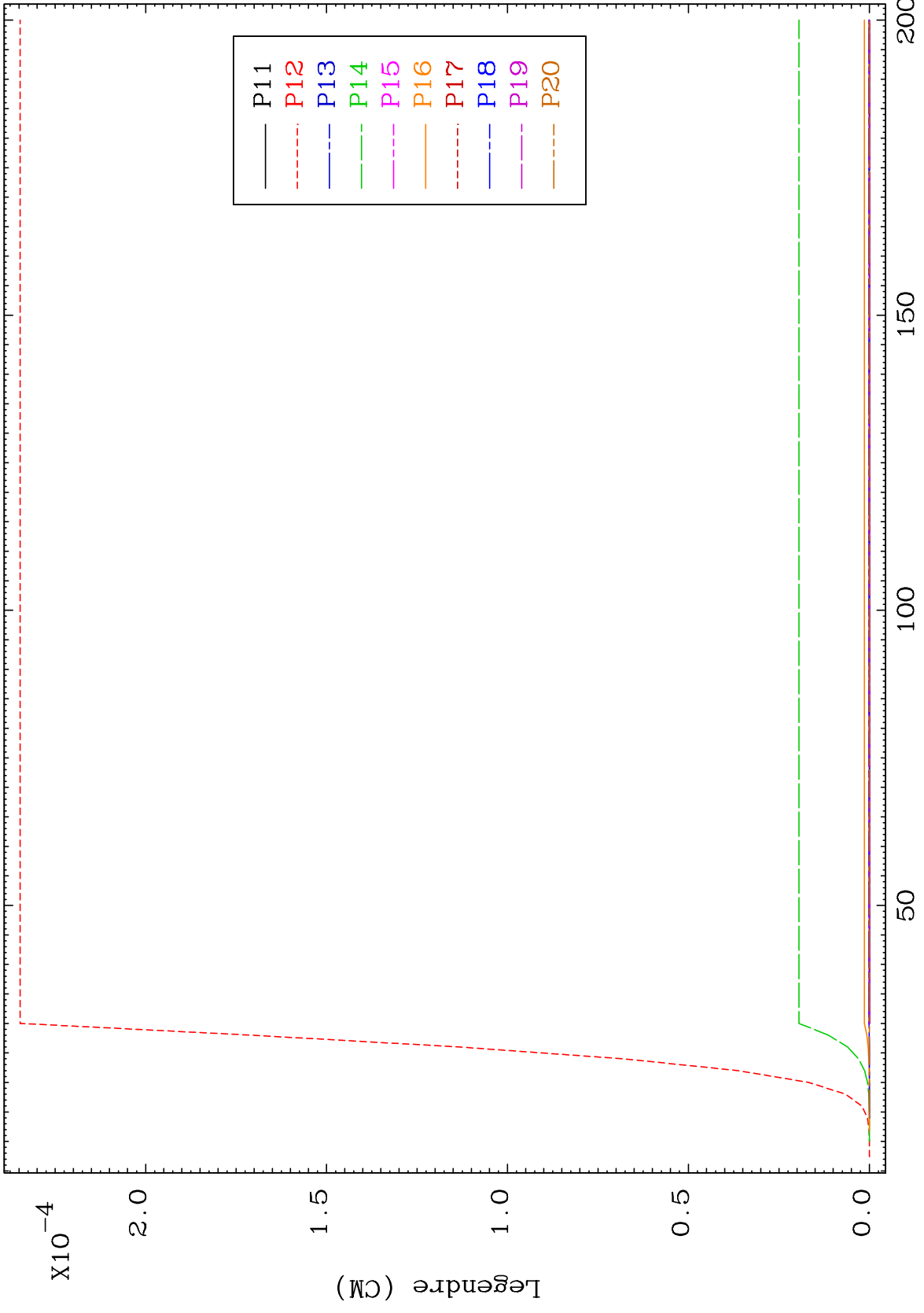
16-S -40

MAT 1649 MT= 67 (n,n') Level Legendre Coefficients 16-S -40





MAT 1649 MT= 67 (n,n') Level Legendre Coefficients 16-S -40

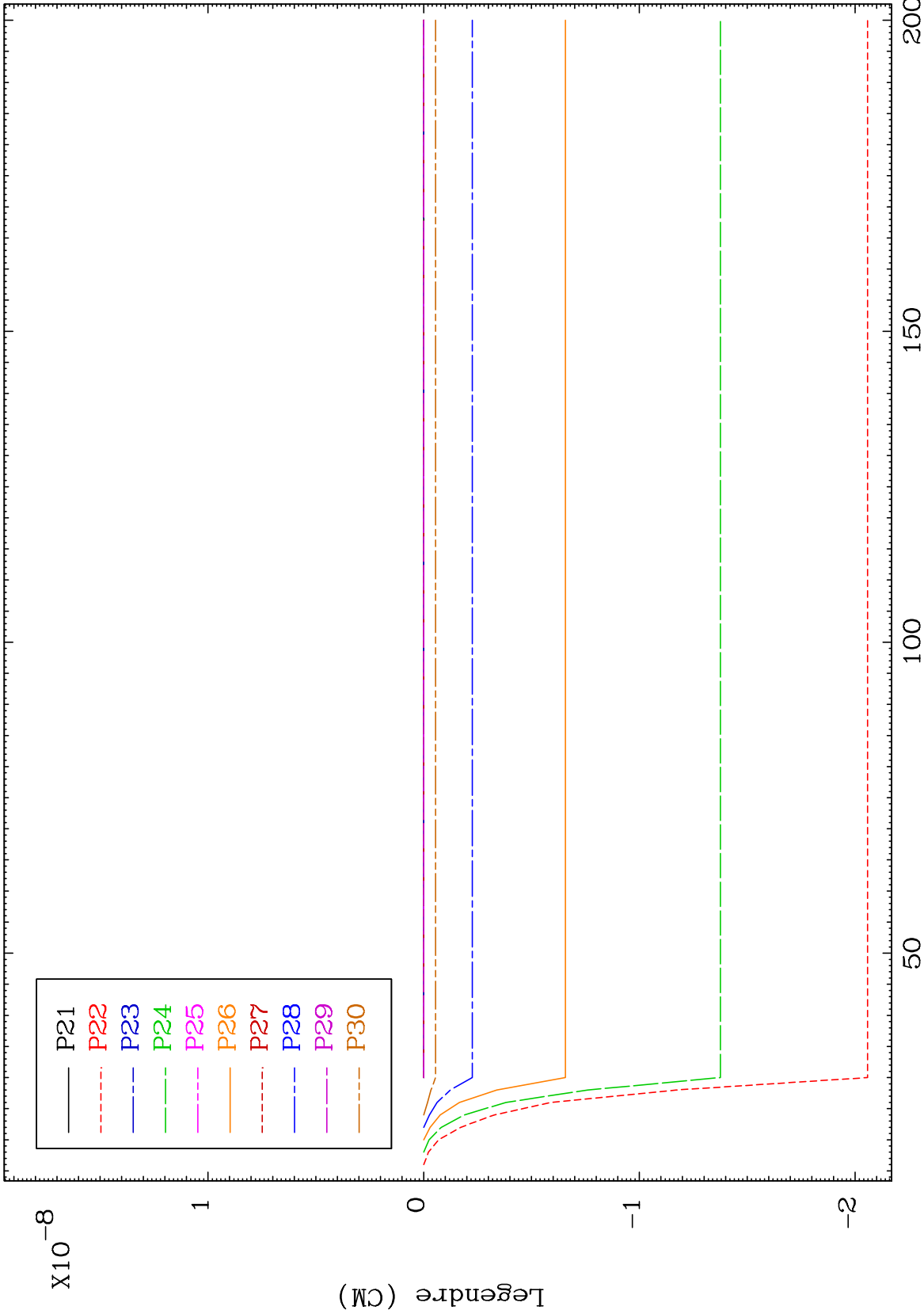


72 16-S -40

MAT 1649

MT= 67 (n,n') Level  
Legendre Coefficients

16-S -40



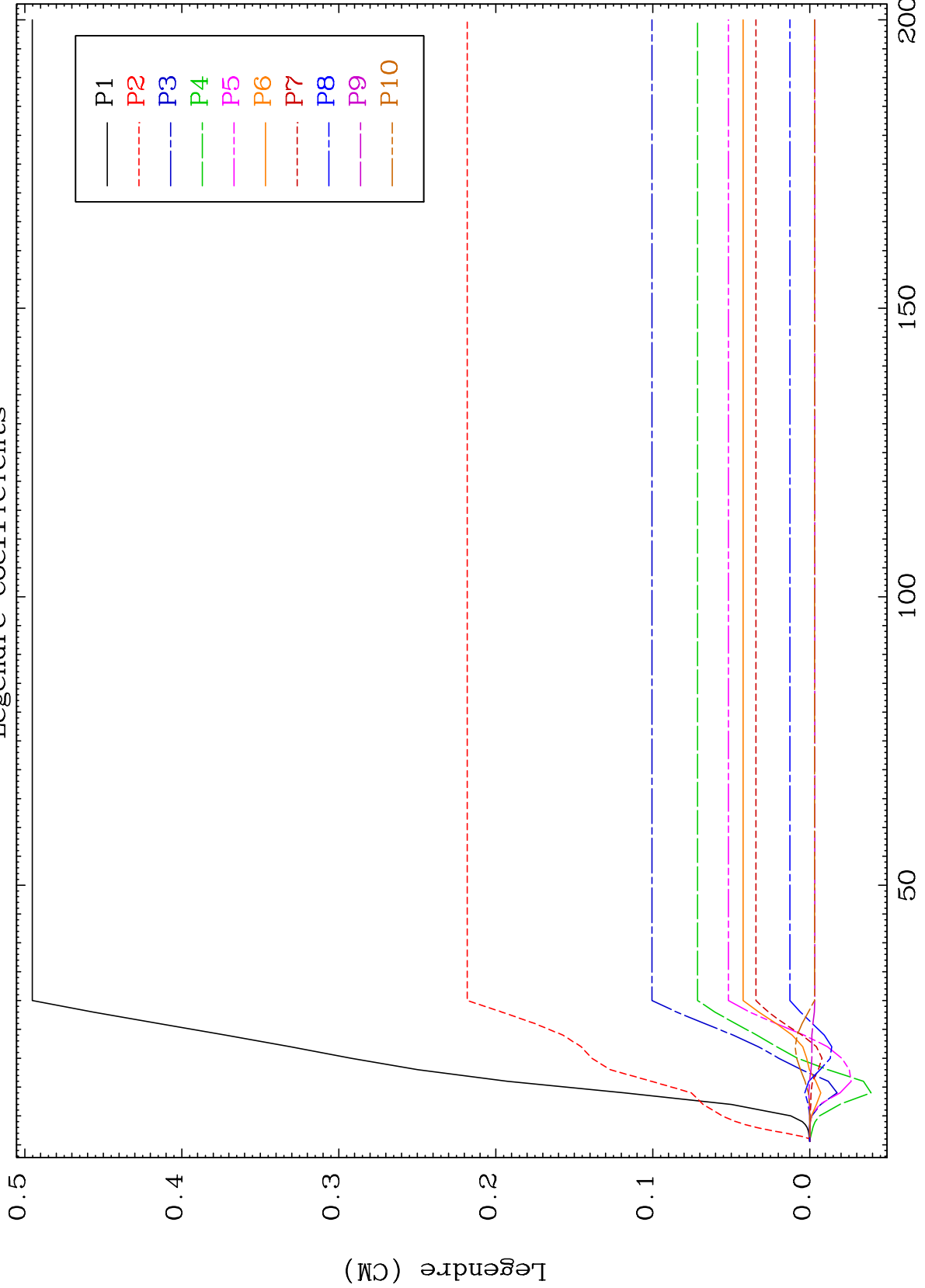
73

Incident Energy (MeV)

16-S -40

MAT 1649 MT= 68 (n,n') Level Legendre Coefficients

16-S -40



16-S -40

Incident Energy (MeV)

74

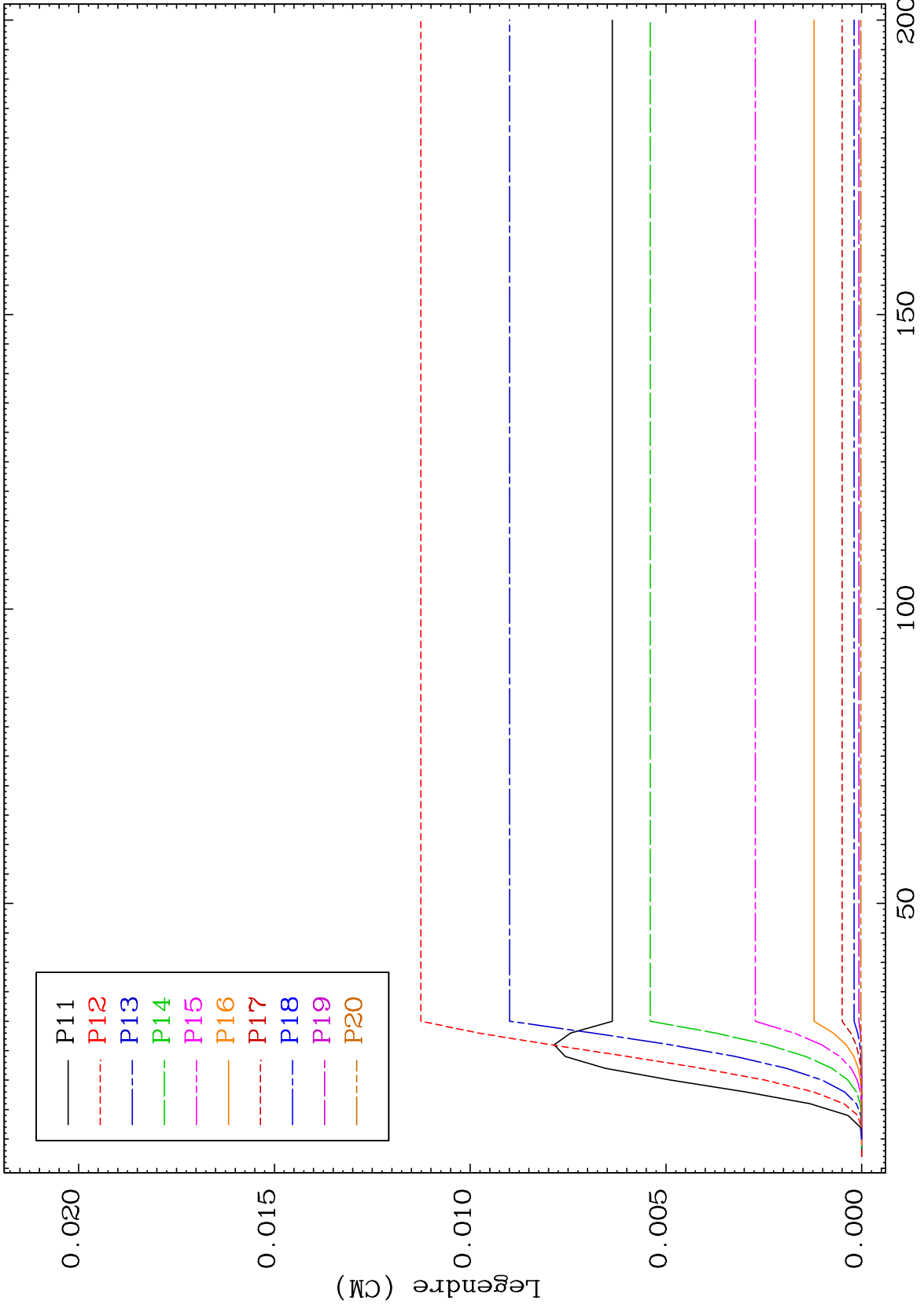
MAT 1649 MT= 68 (n,n') Level Legendre Coefficients

16-S -40

16-S -40

Incident Energy (MeV)

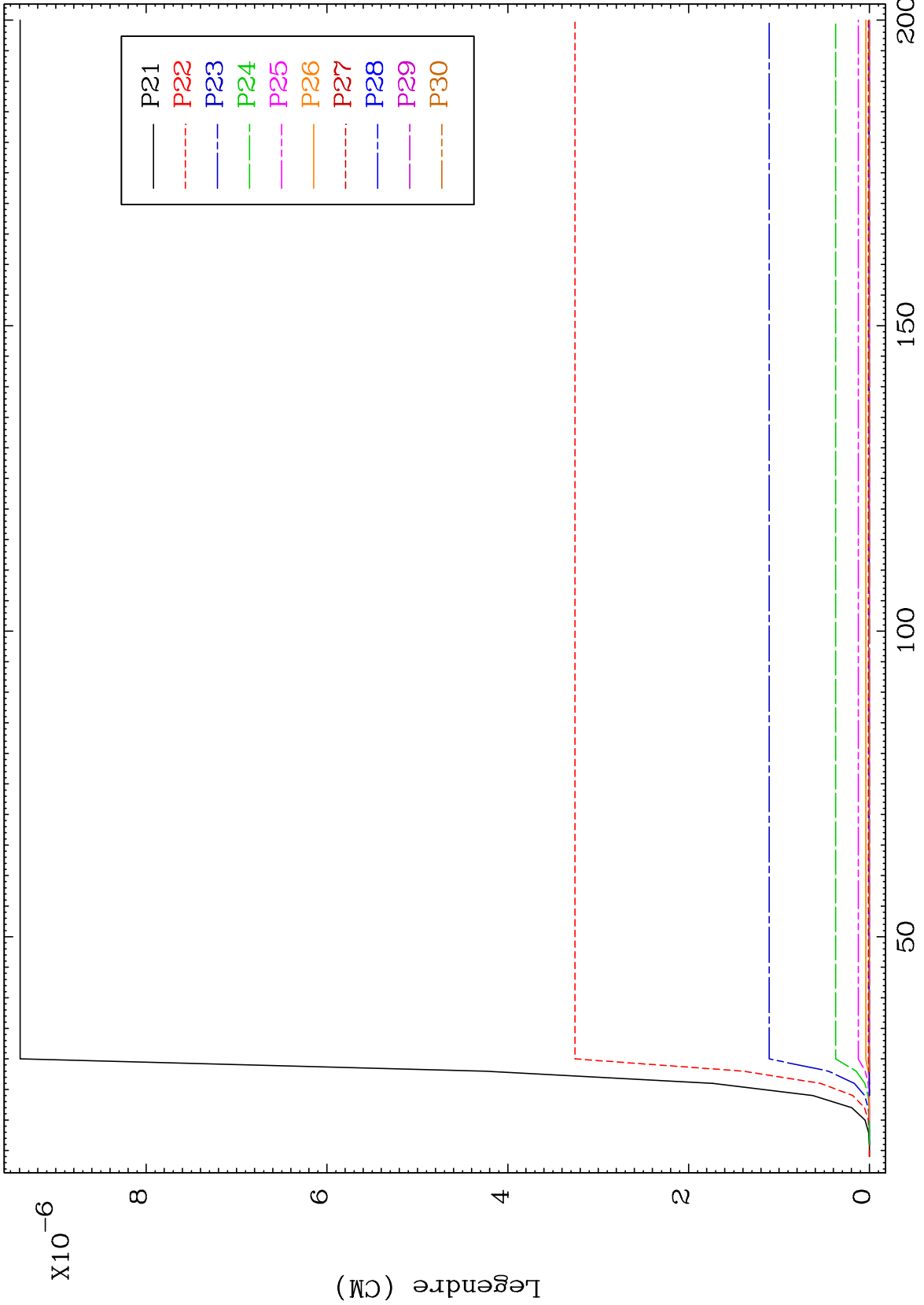
75



MAT 1649

MT= 68 (n,n') Level  
Legendre Coefficients

16-S -40

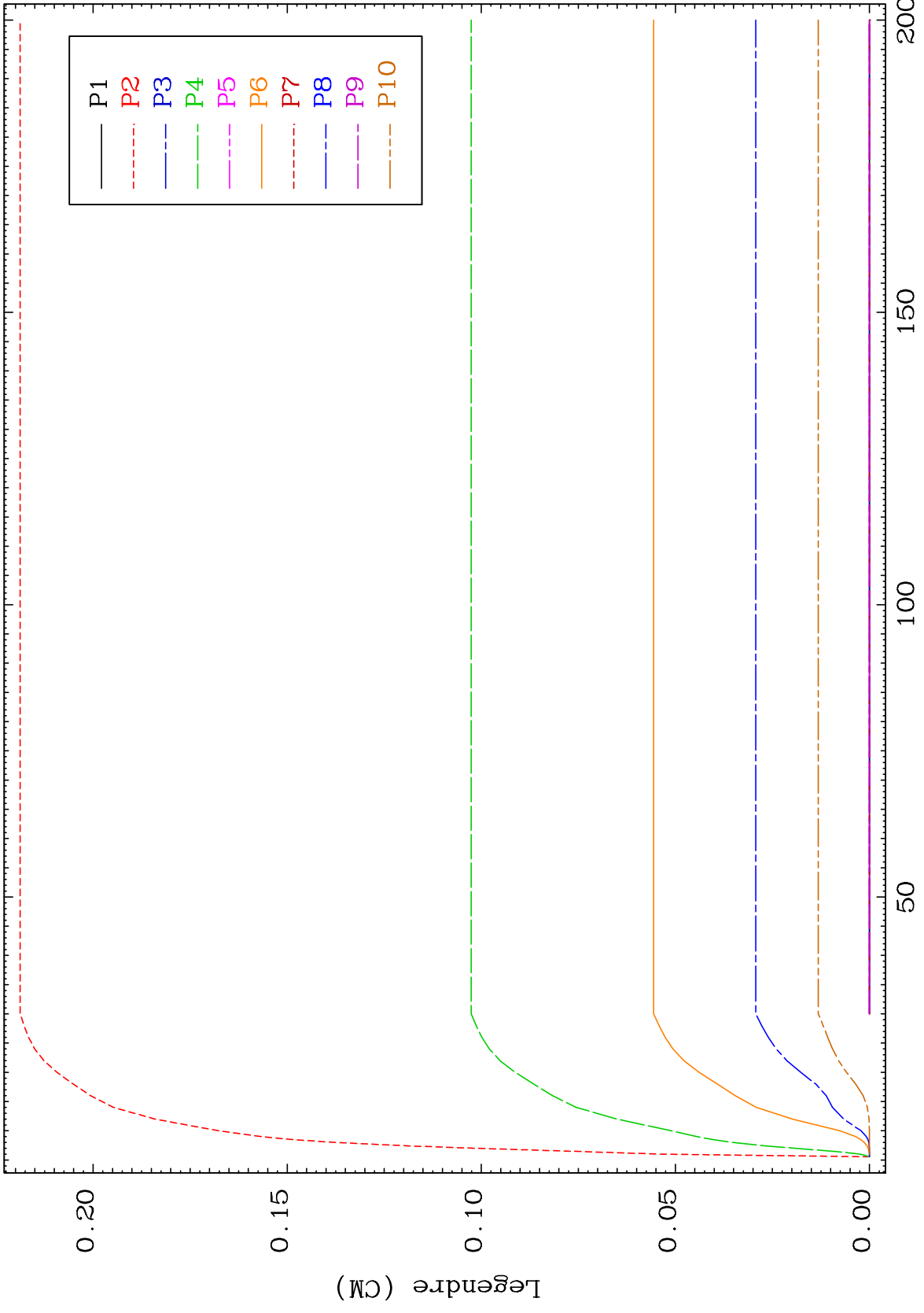


76

Incident Energy (MeV)

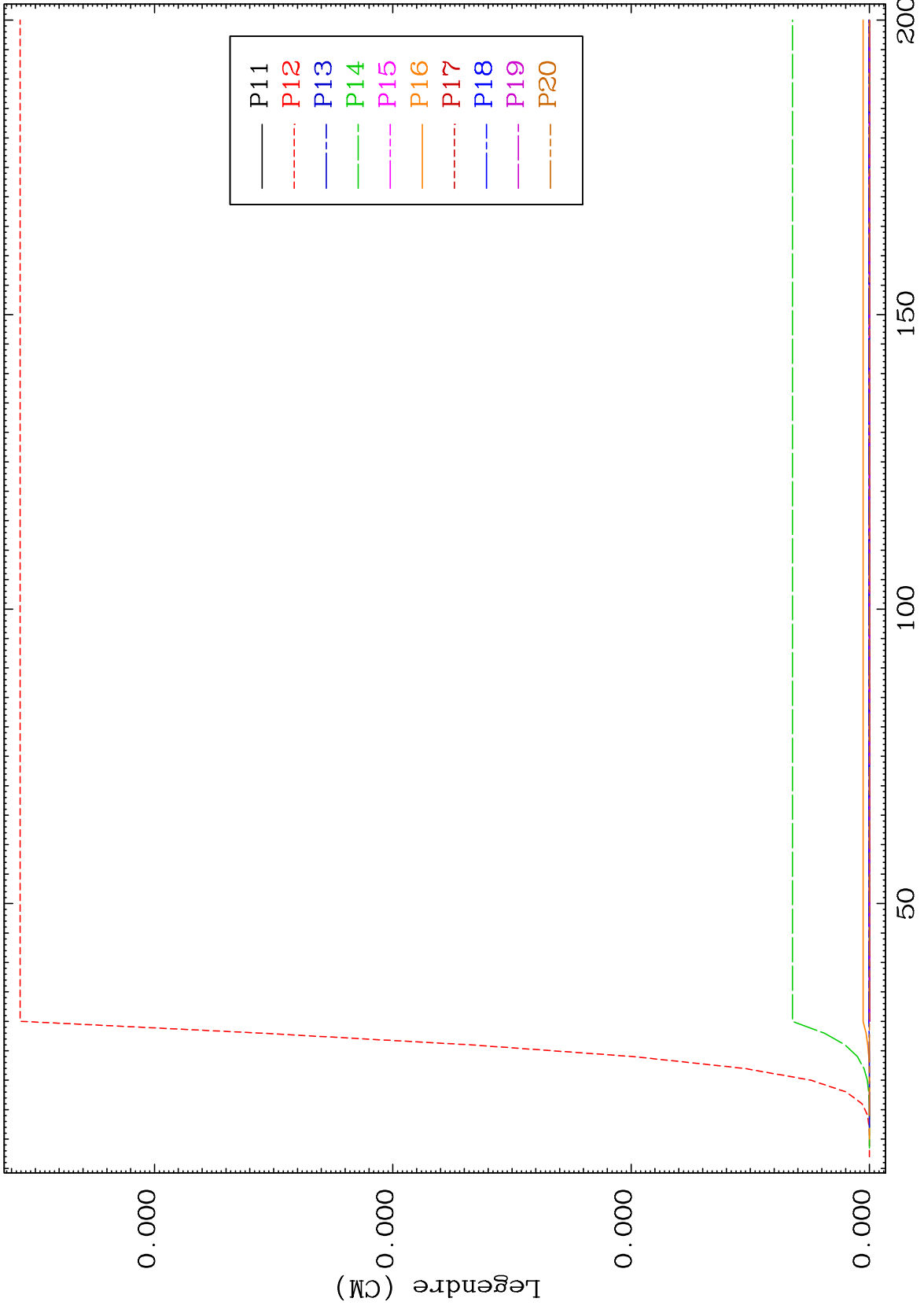
16-S -40

MAT 1649 MT= 69 (n,n') Level Legendre Coefficients 16-S -40



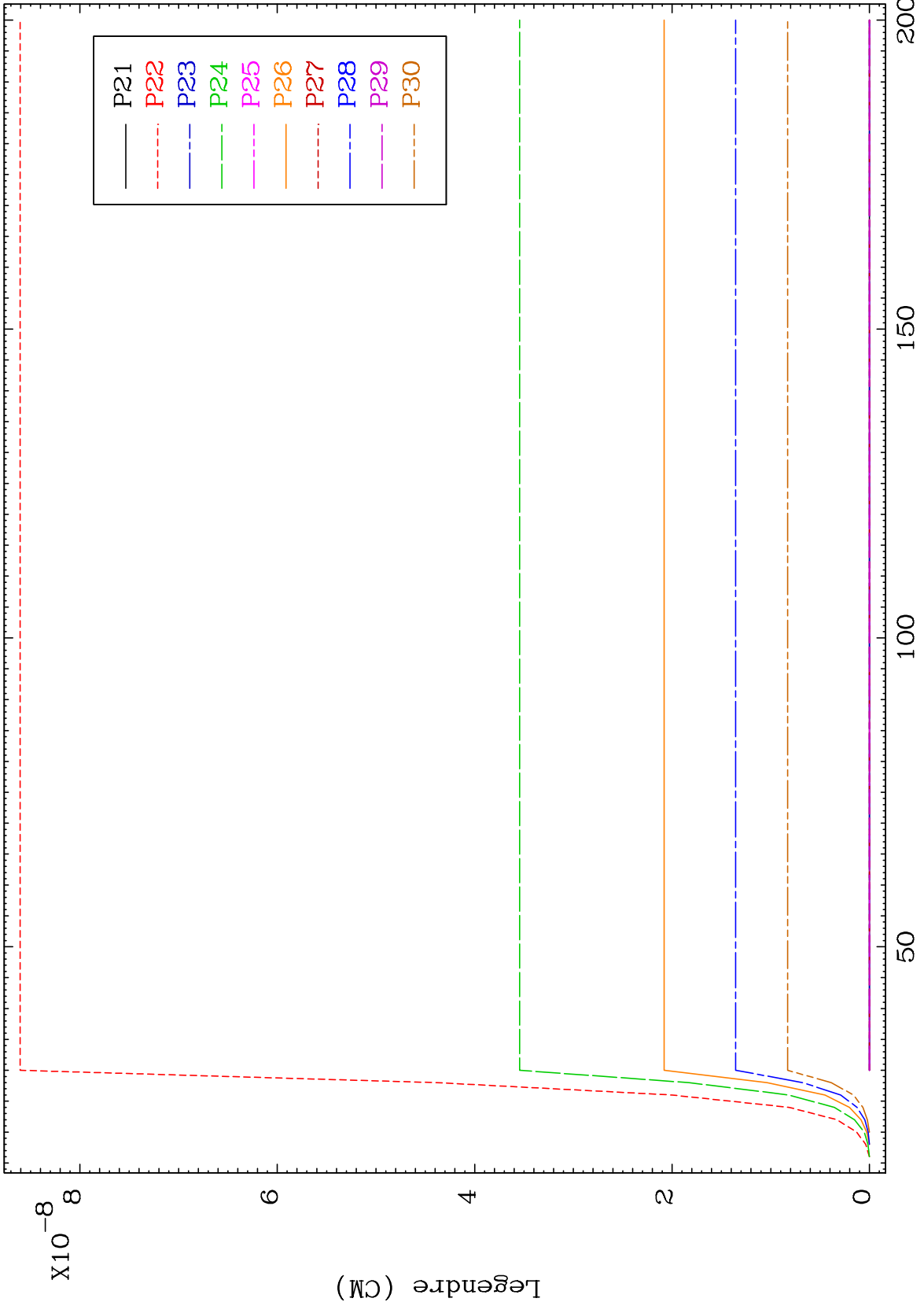
77 16-S -40

MAT 1649 MT= 69 (n,n') Level Legendre Coefficients 16-S -40



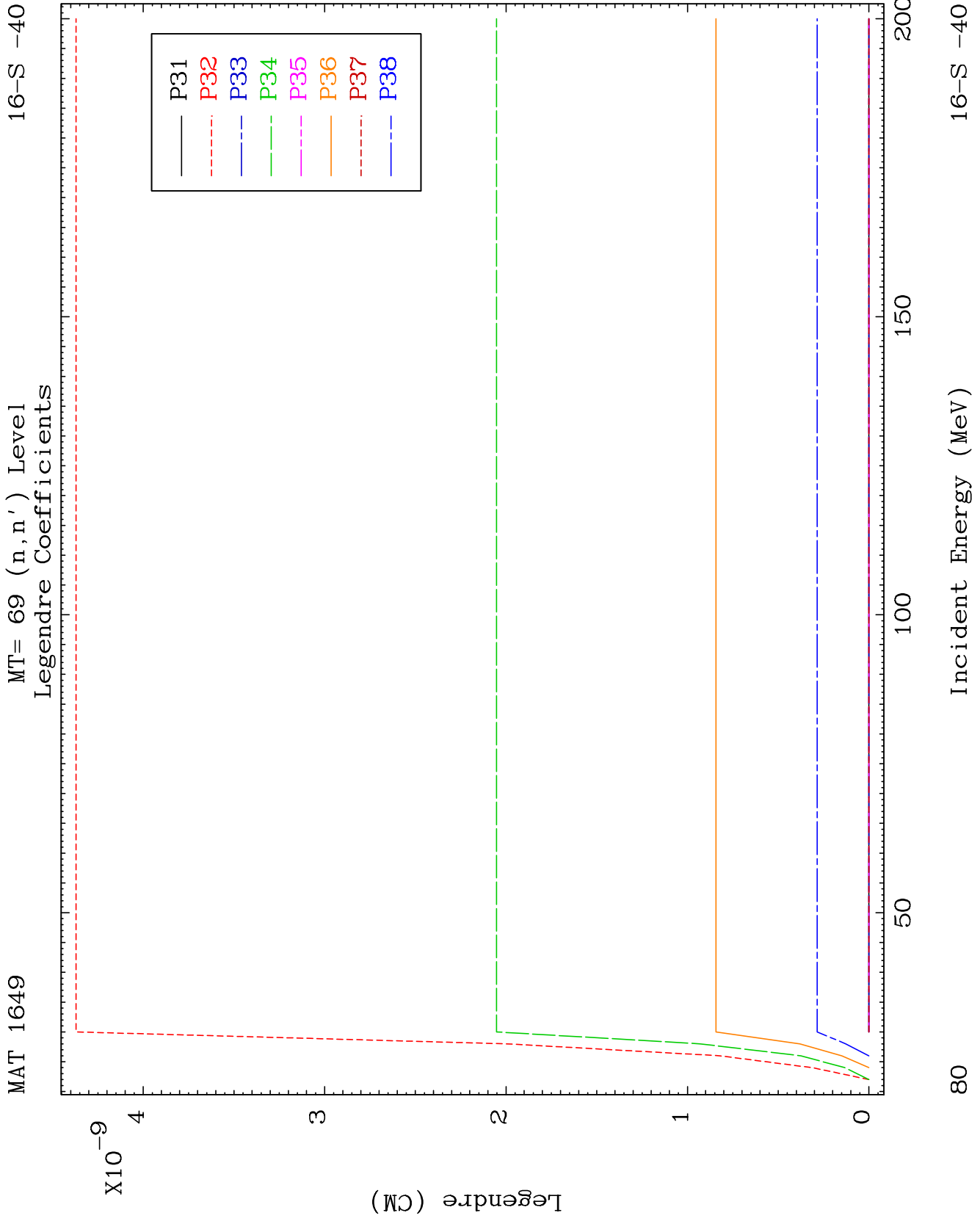
78 16-S -40

MAT 1649 MT= 69 (n,n') Level Legendre Coefficients 16-S -40

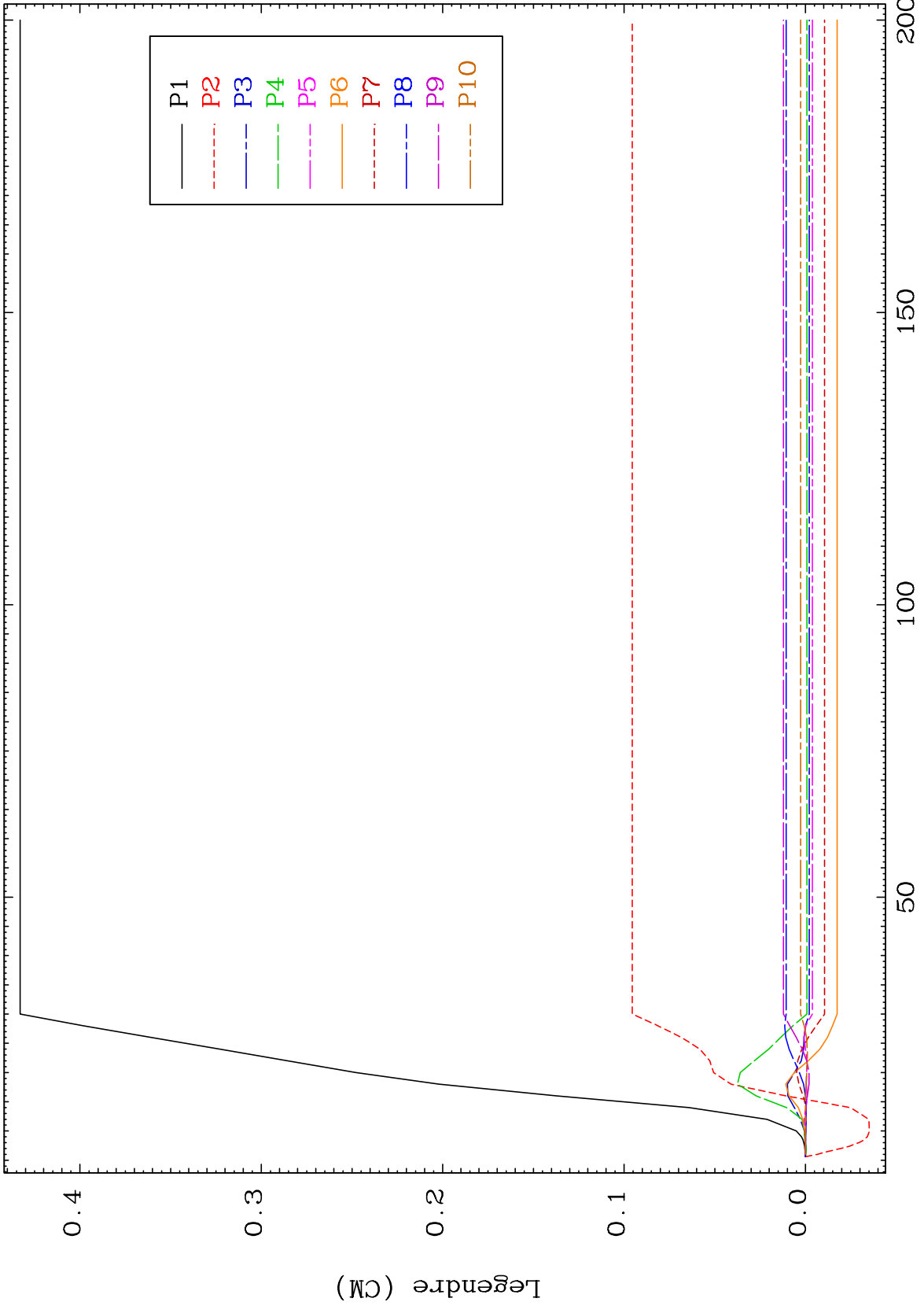


79 16-S -40



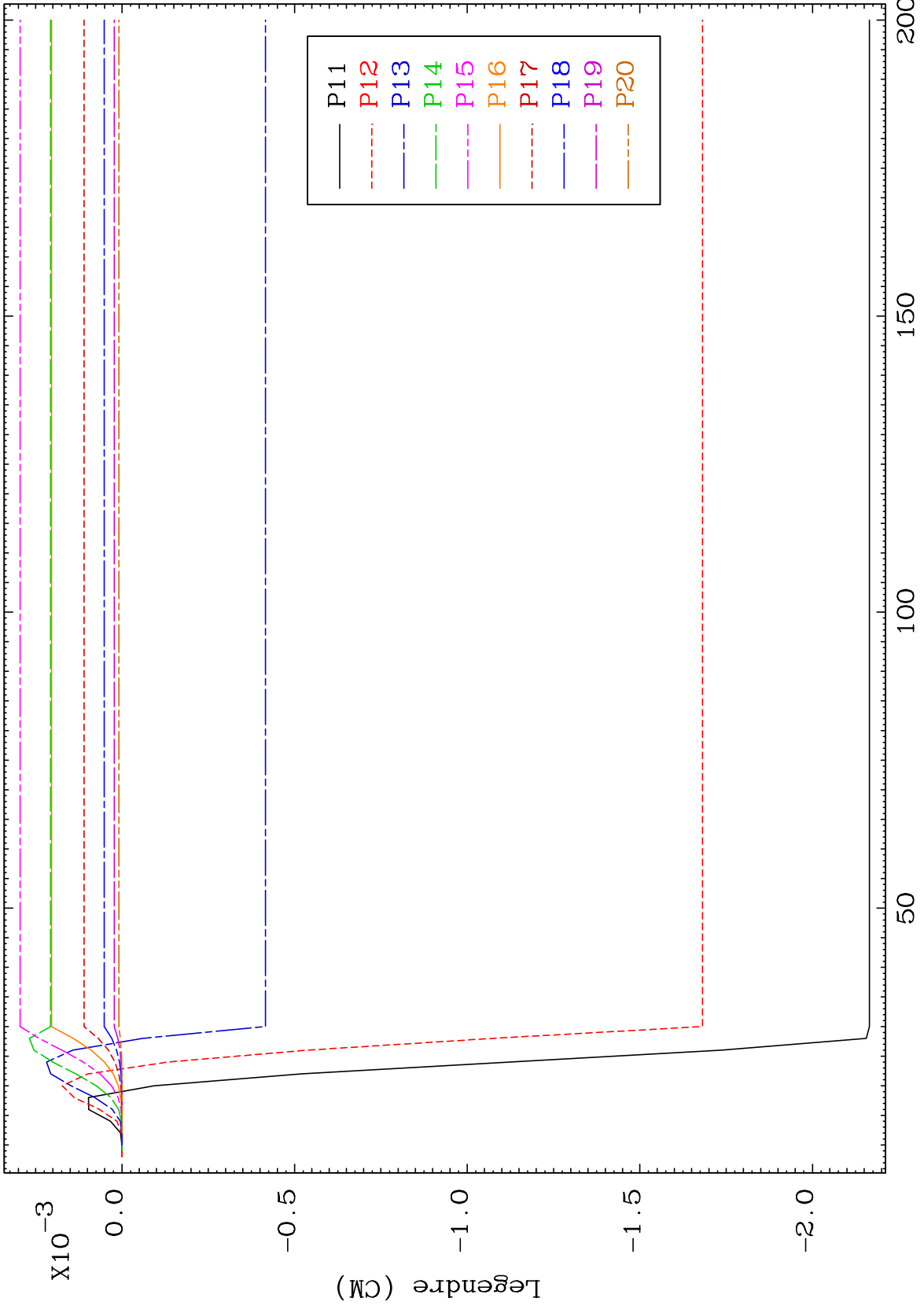


MAT 1649 MT= 70 (n,n') Level Legendre Coefficients 16-S -40



81 16-S -40

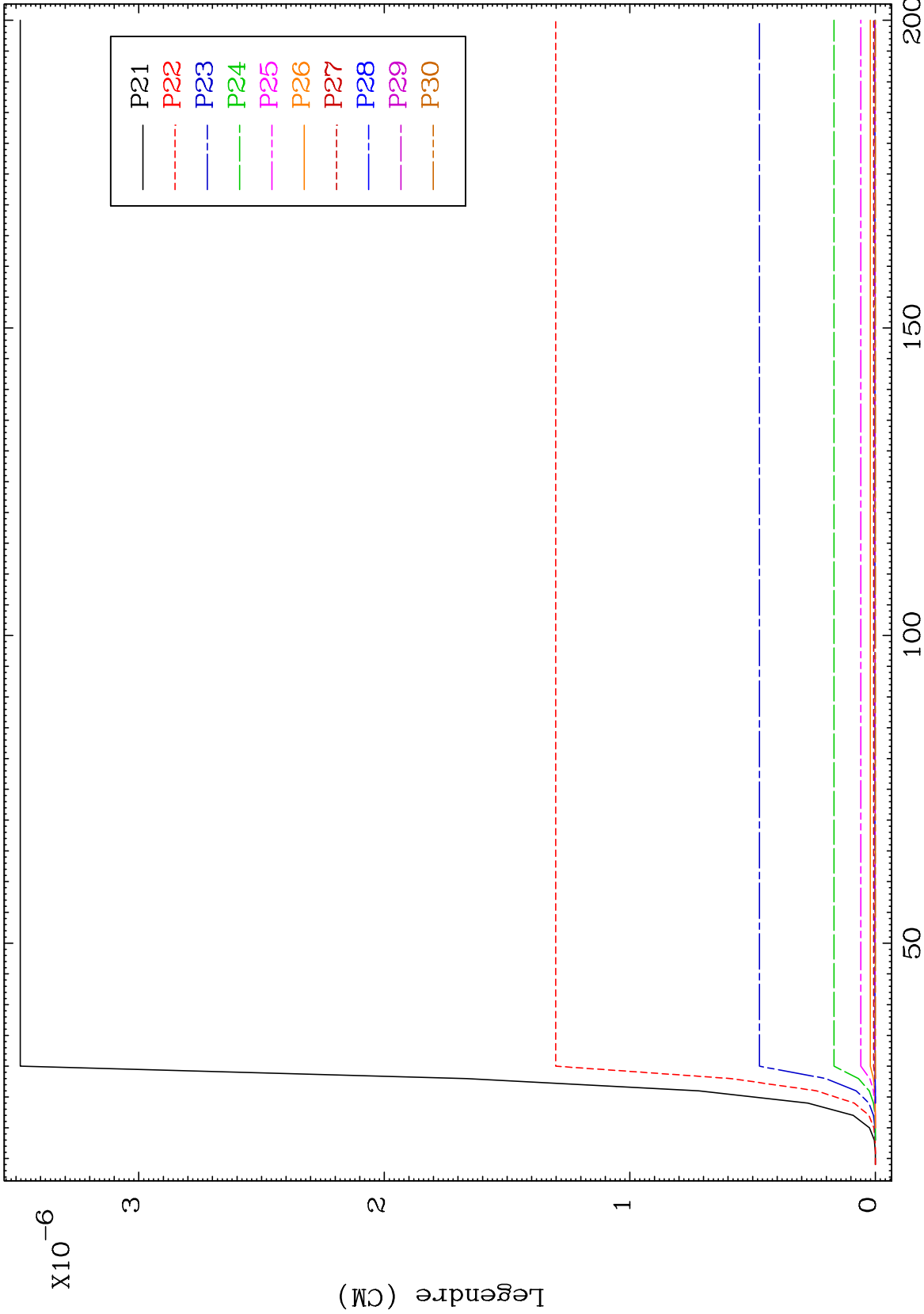
MAT 1649 MT= 70 (n,n') Level Legendre Coefficients 16-S -40



MAT 1649

MT= 70 (n,n') Level  
Legendre Coefficients

16-S -40

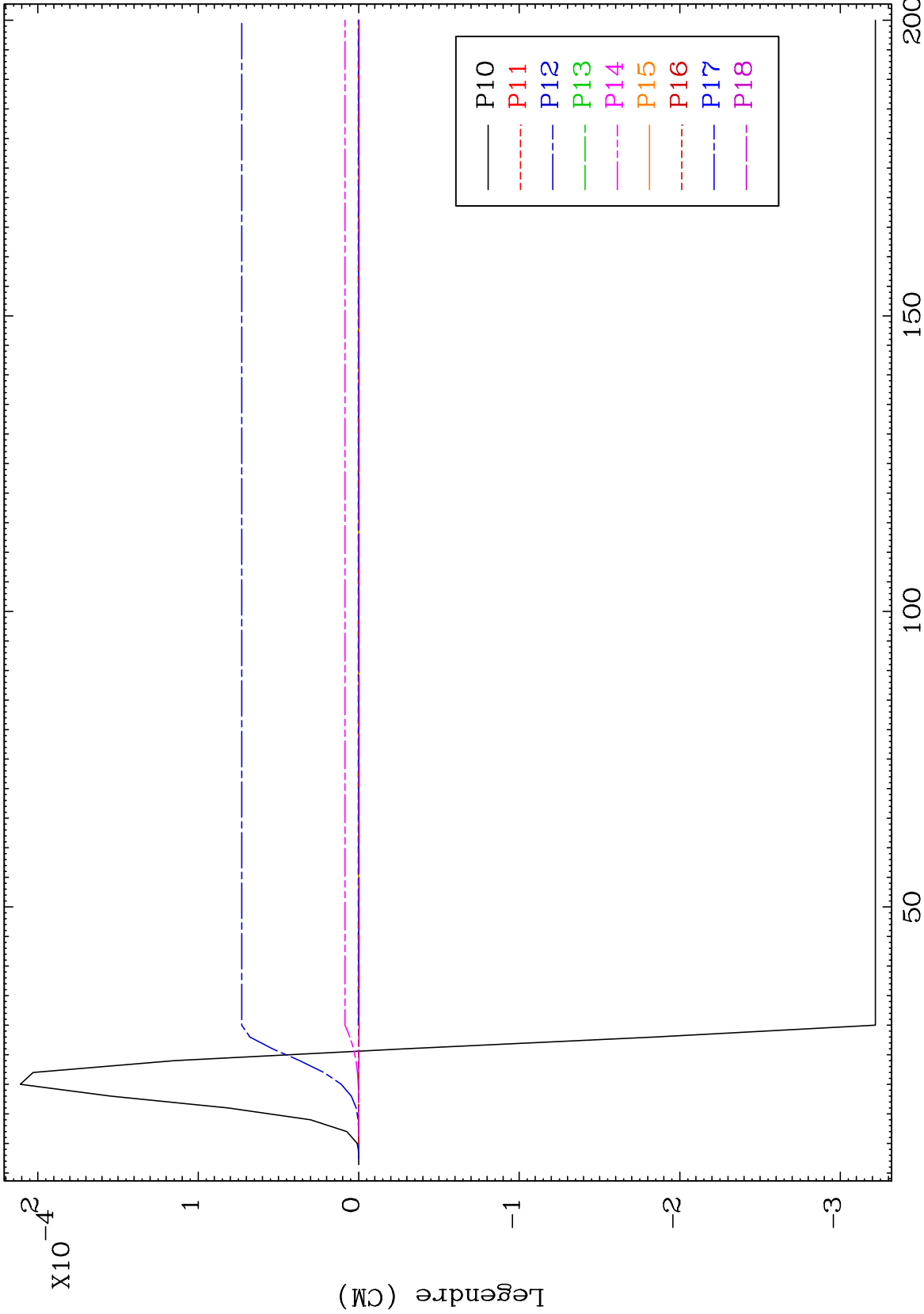




MAT 1649

MT= 71 (n,n') Level  
Legendre Coefficients

16-S -40



85

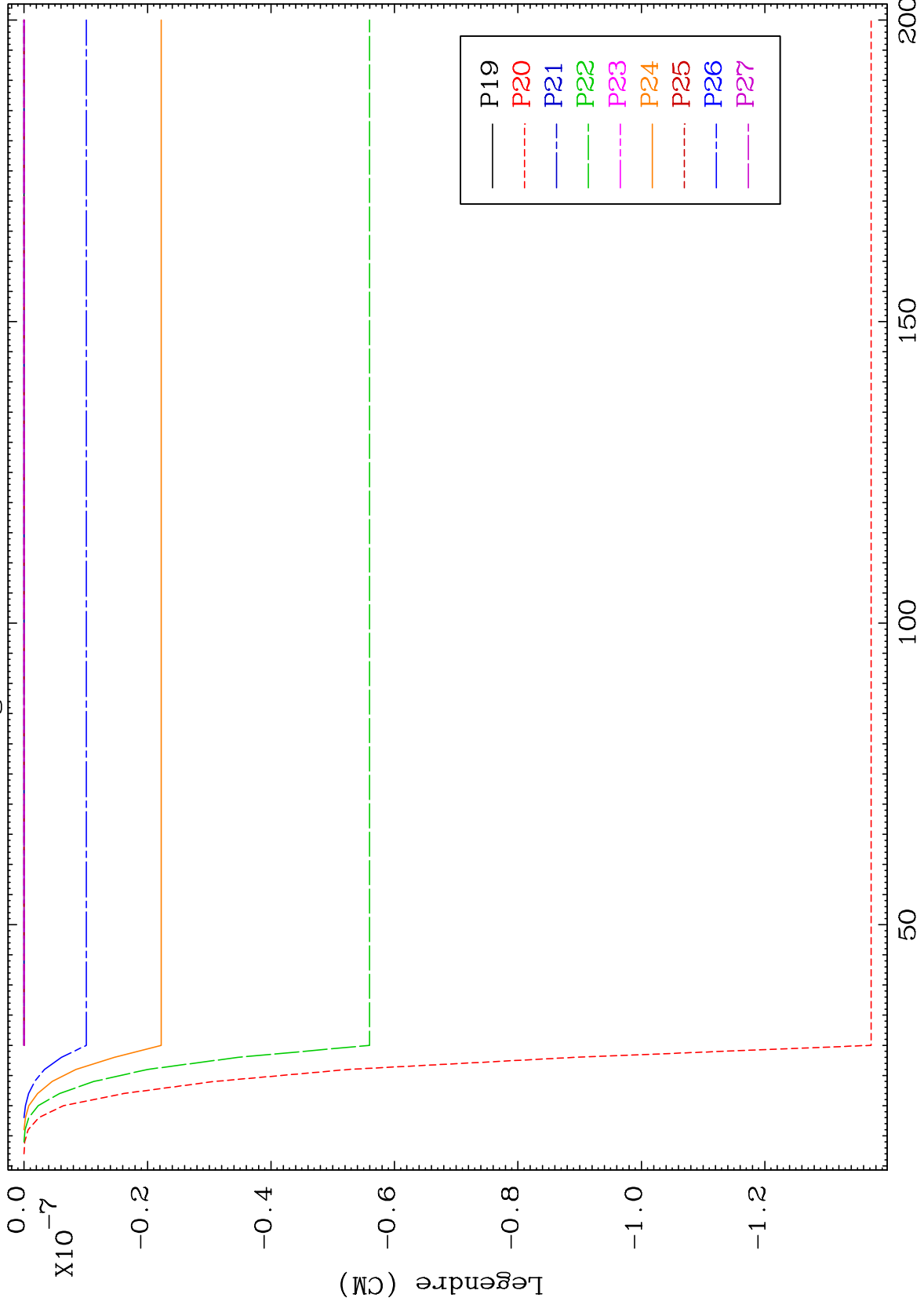
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 71 (n,n') Level  
Legendre Coefficients

16-S -40

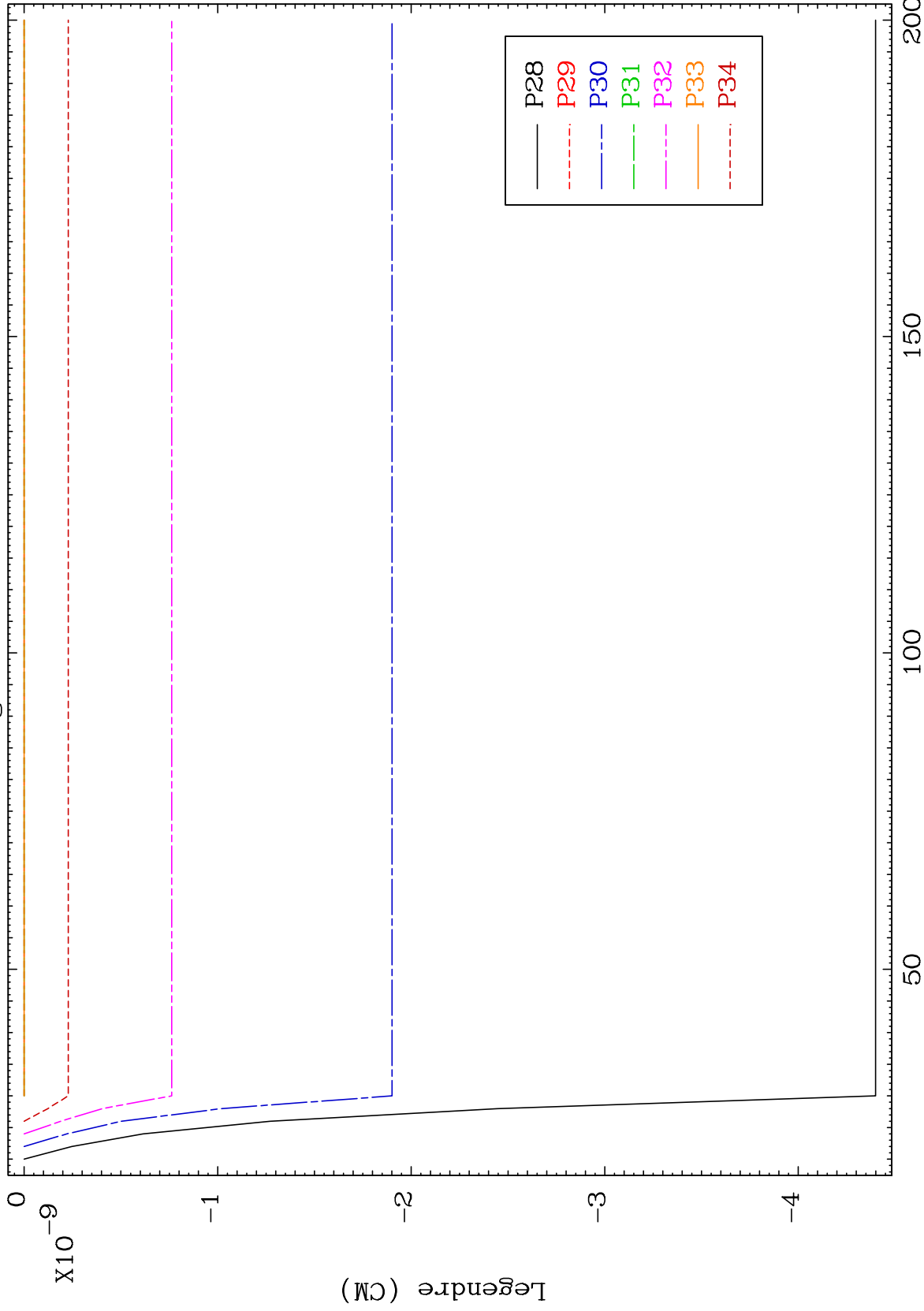


86

Incident Energy (MeV)

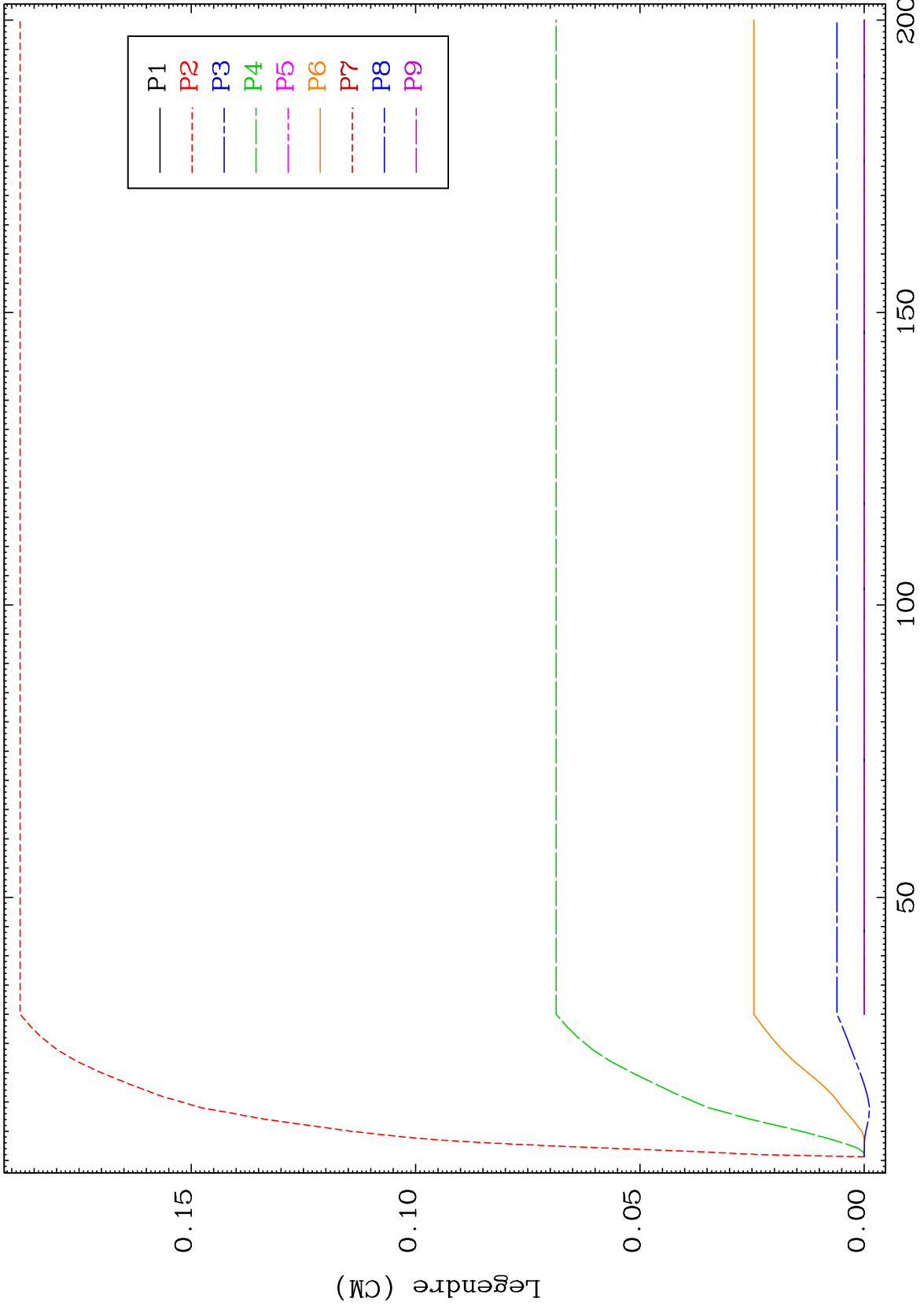
16-S -40

MAT 1649 MT= 71 (n,n') Level Legendre Coefficients 16-S -40





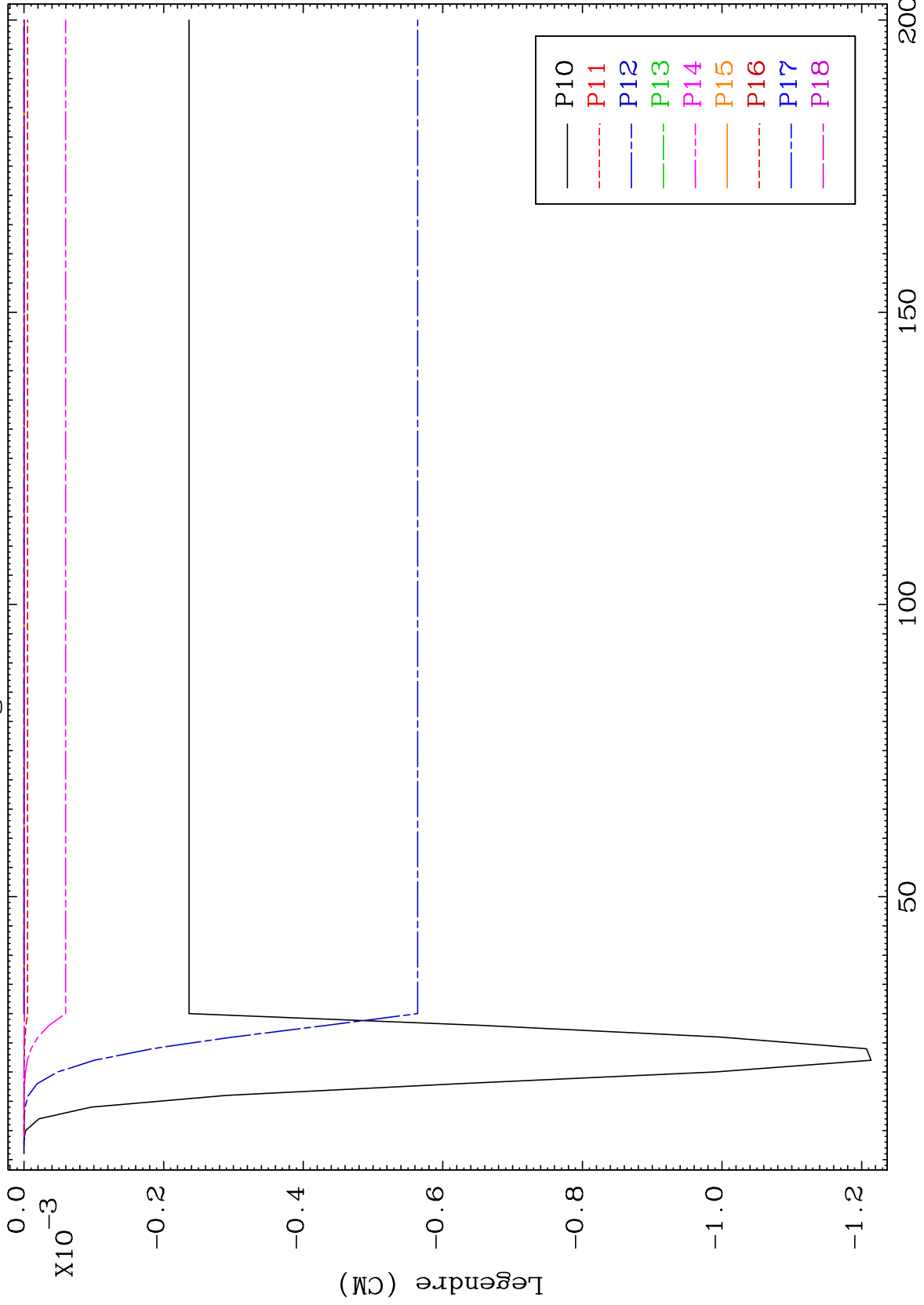
MAT 1649 MT= 72 (n,n') Level Legendre Coefficients 16-S -40



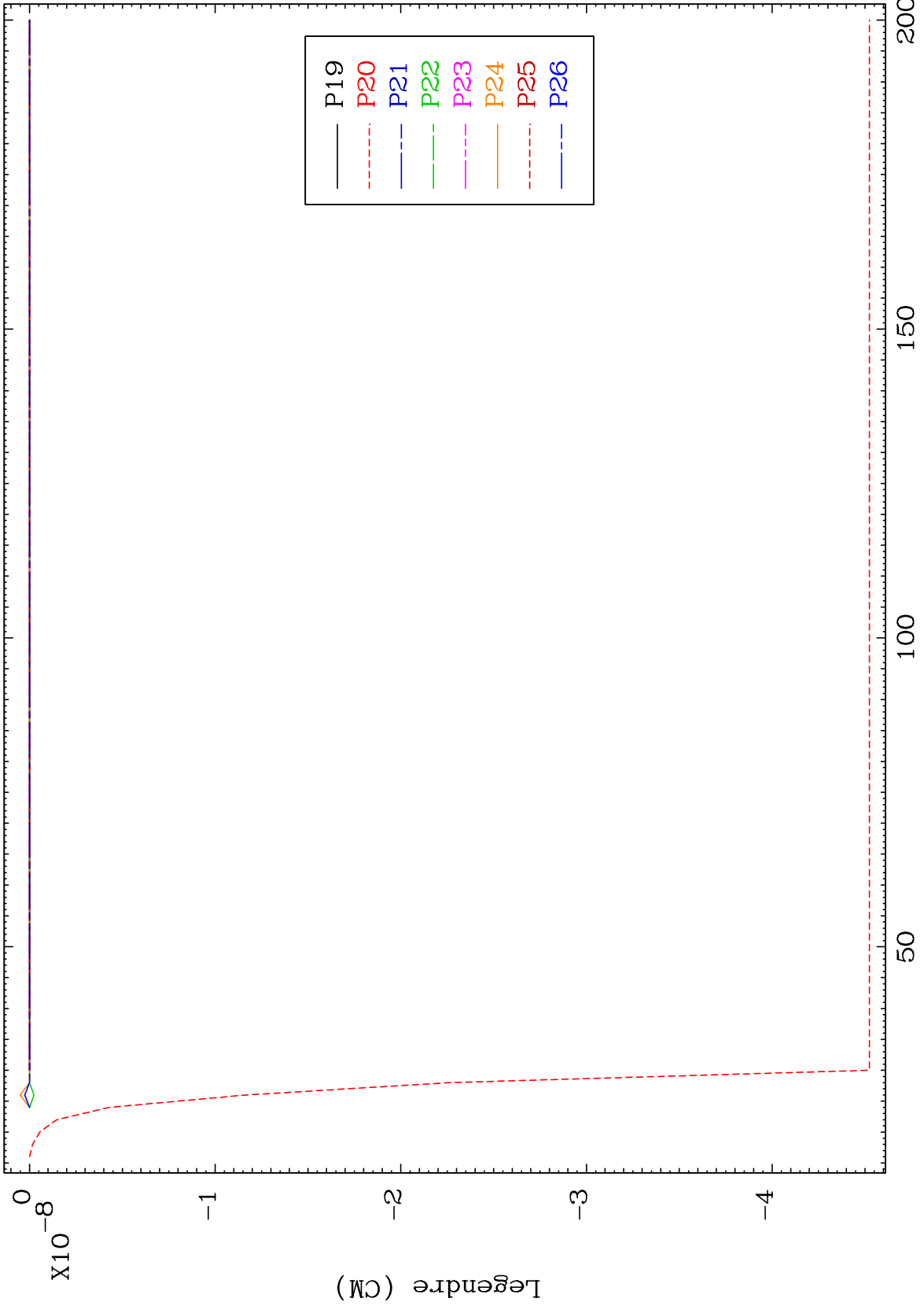
88 Incident Energy (MeV) 16-S -40

MAT 1649 MT= 72 (n,n') Level Legendre Coefficients

16-S -40

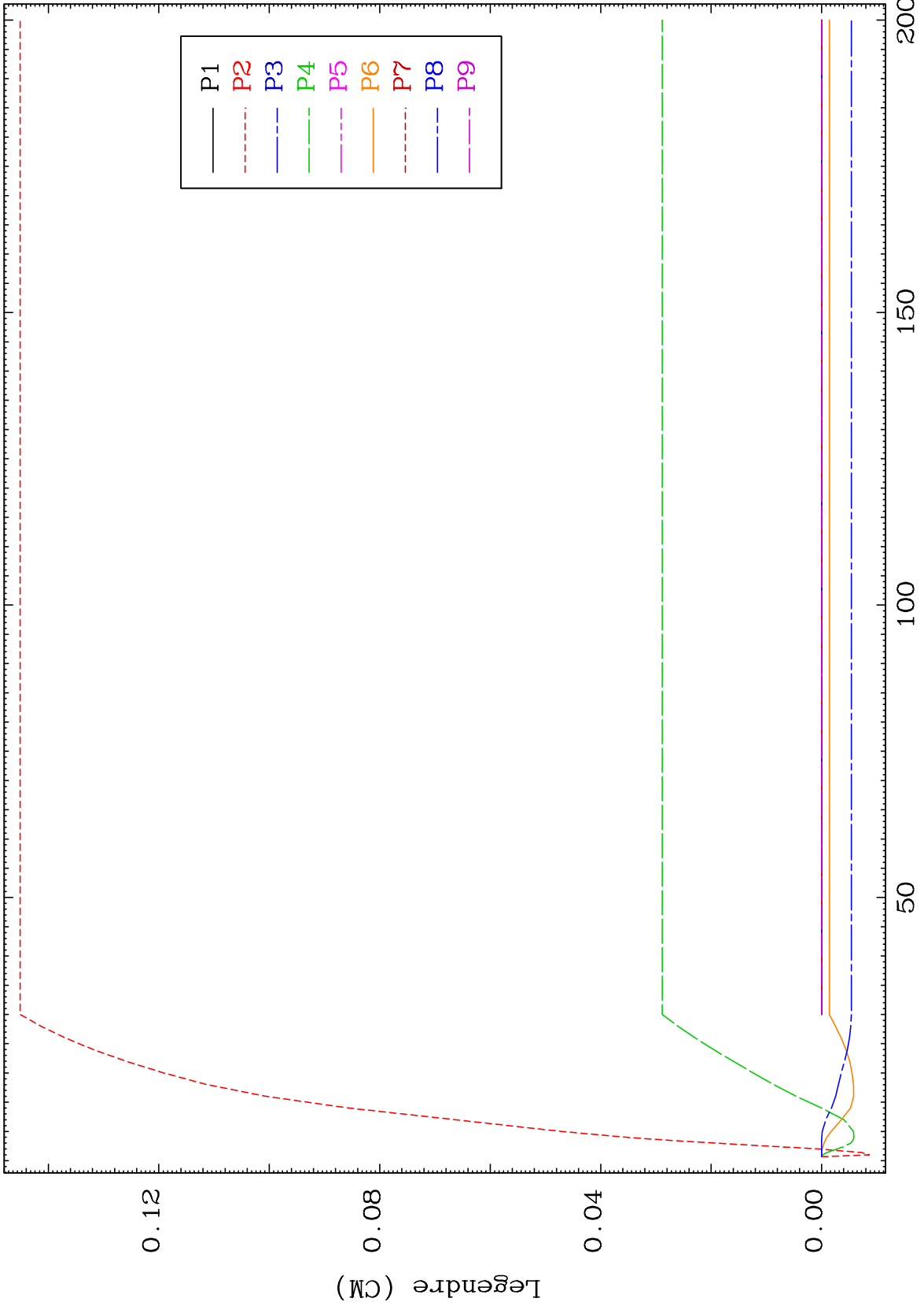


MAT 1649 MT= 72 (n,n') Level Legendre Coefficients 16-S -40



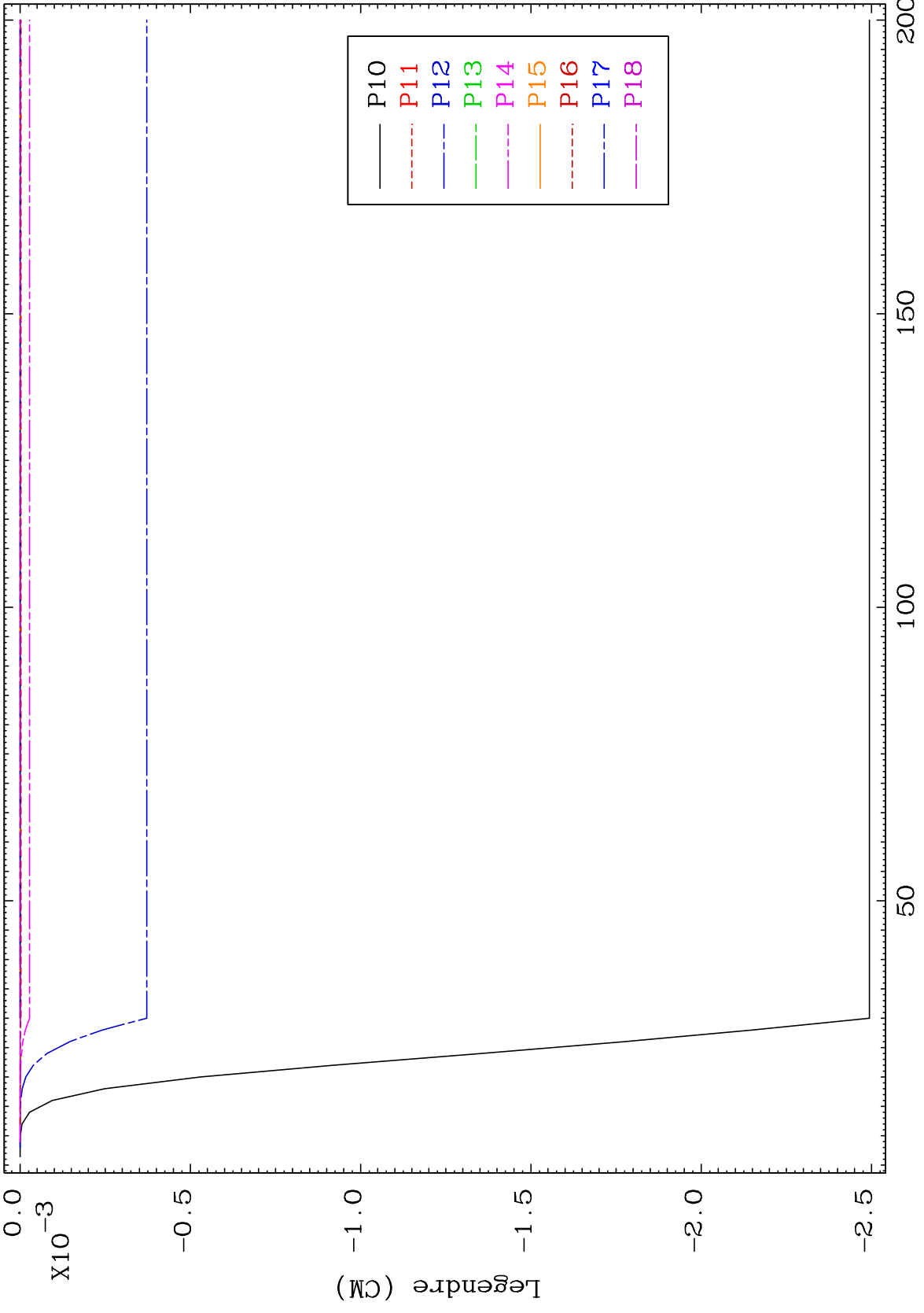
90 150 200 Incident Energy (MeV) 16-S -40

MAT 1649 MT= 73 (n,n') Level Legendre Coefficients 16-S -40

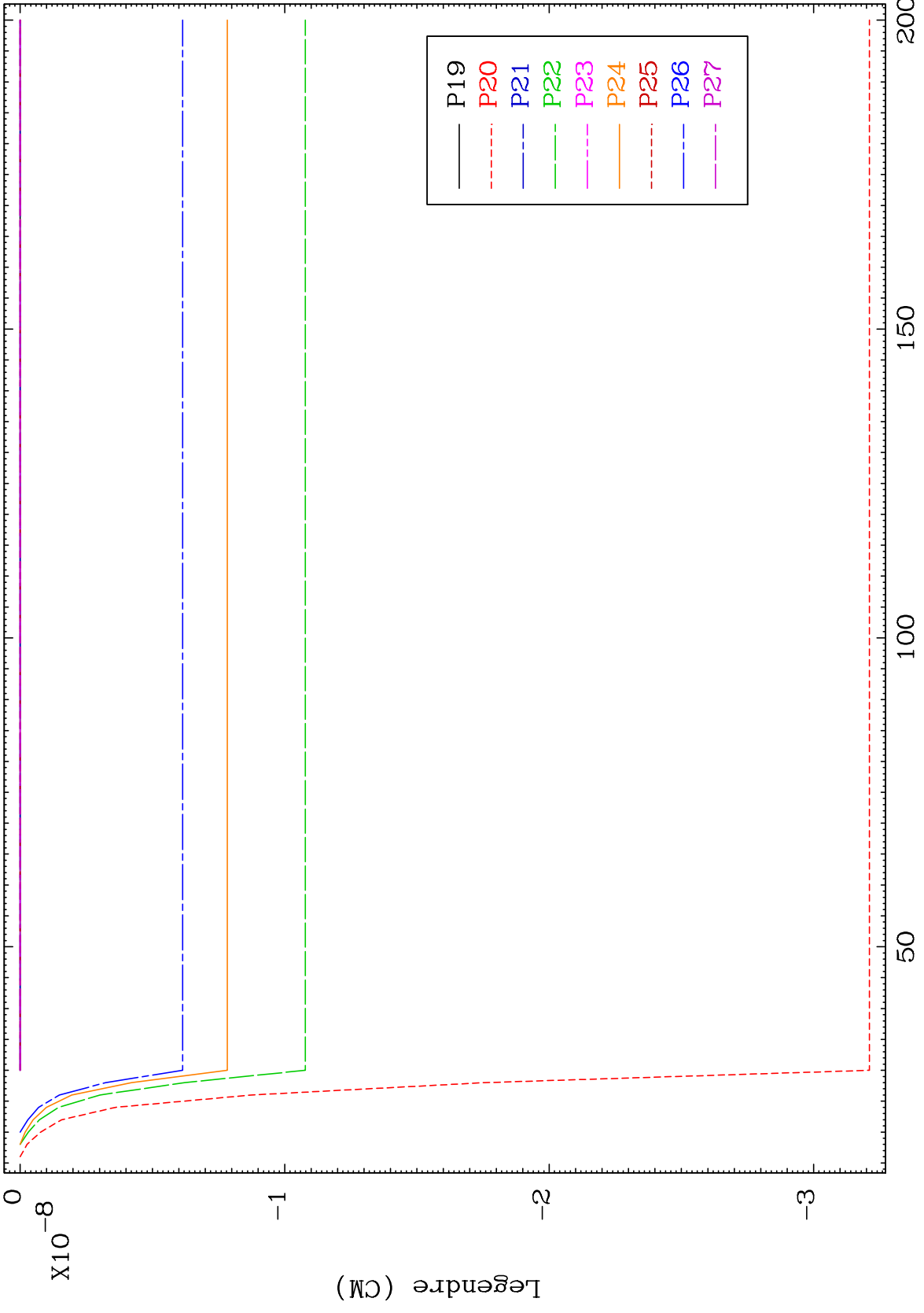


91 Incident Energy (MeV) 16-S -40

MAT 1649 MT= 73 (n,n') Level Legendre Coefficients 16-S -40

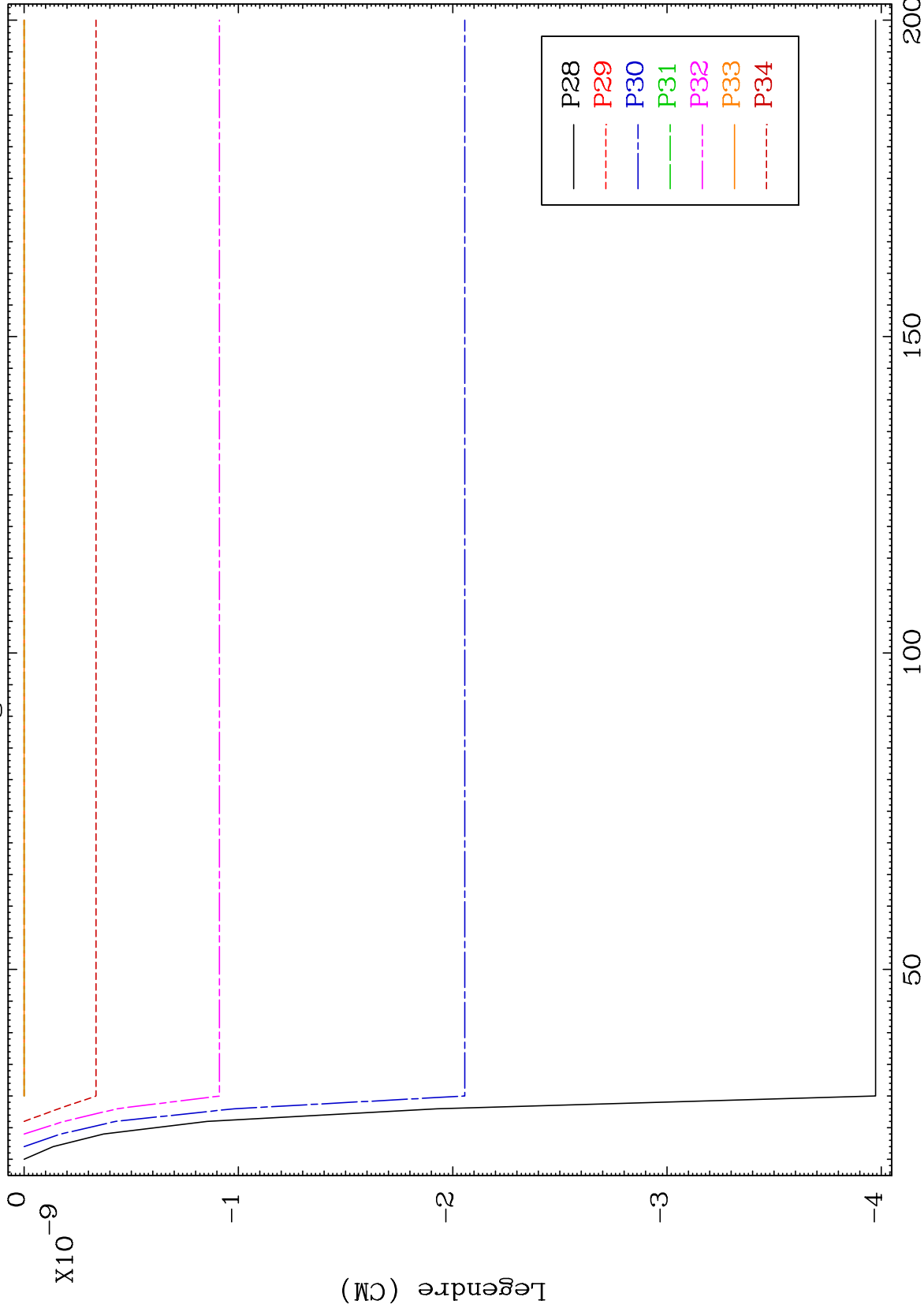


MAT 1649 MT= 73 (n,n') Level Legendre Coefficients 16-S -40



MAT 1649 MT= 73 (n,n') Level Legendre Coefficients

16-S -40

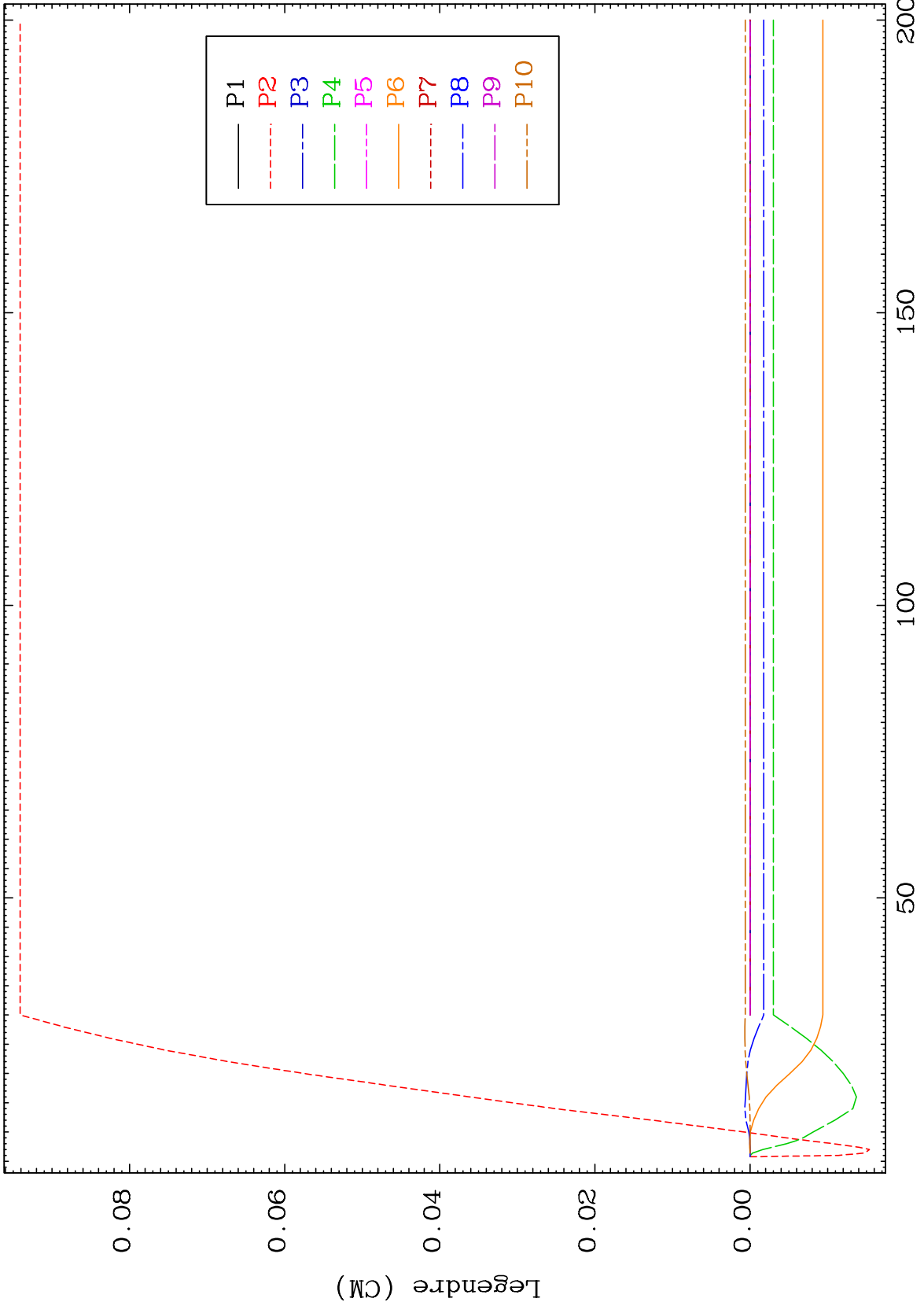


16-S -40

Incident Energy (MeV)

94

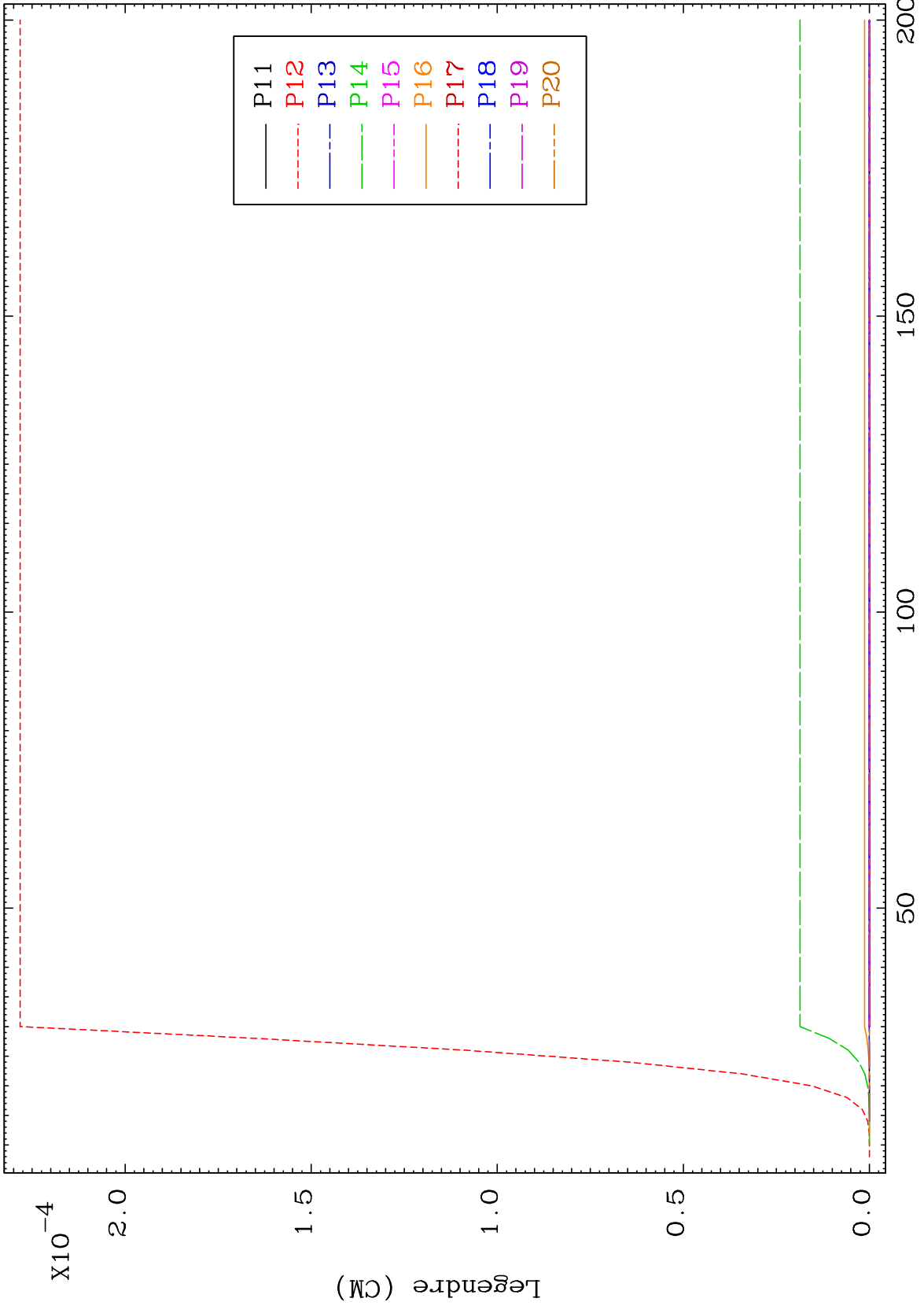
MAT 1649 MT= 74 (n,n') Level Legendre Coefficients 16-S -40



95 Incident Energy (MeV) 16-S -40



MAT 1649 MT= 74 (n,n') Level Legendre Coefficients 16-S -40

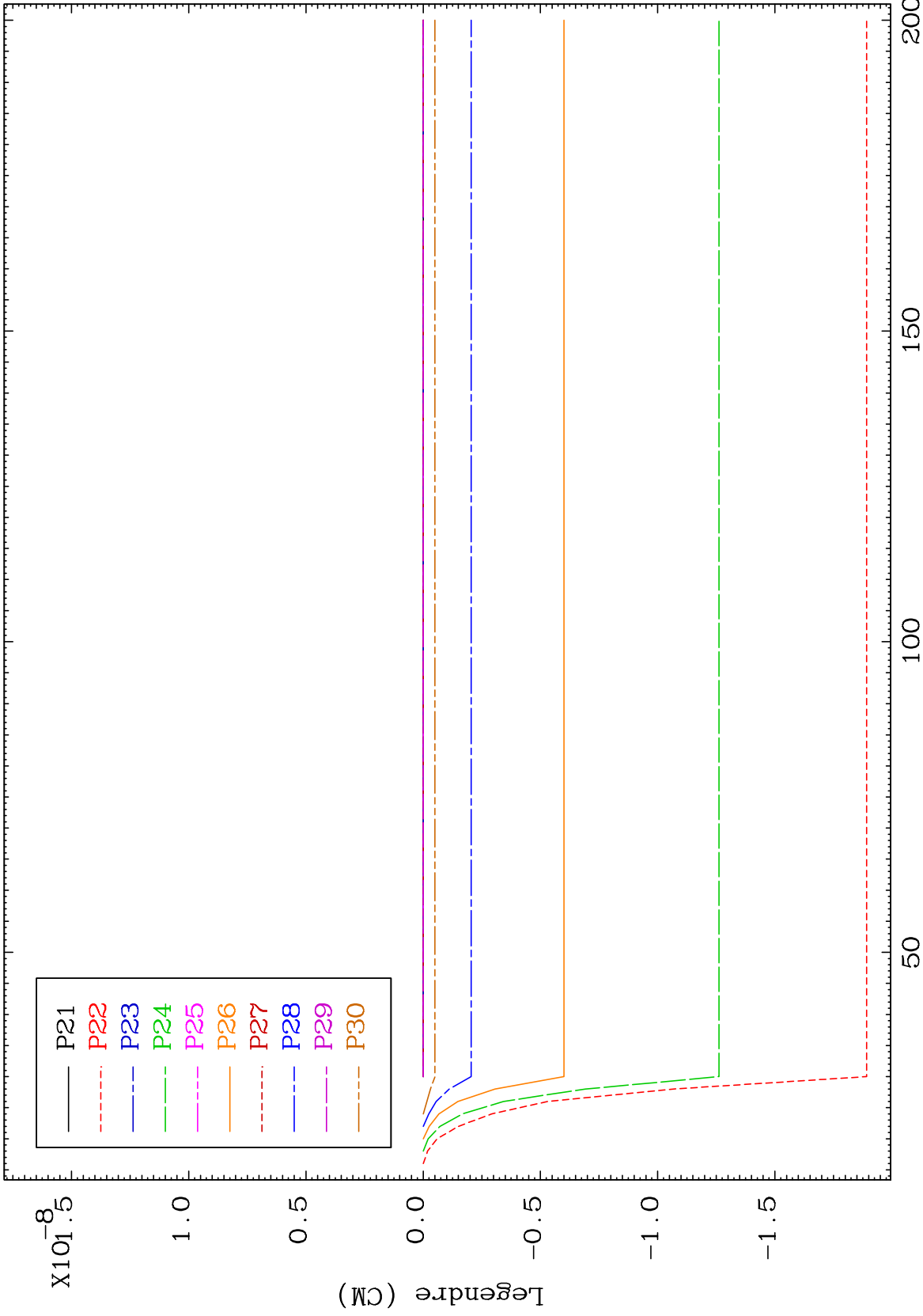


96 Incident Energy (MeV) 16-S -40

MAT 1649

MT= 74 (n,n') Level  
Legendre Coefficients

16-S -40



97

Incident Energy (MeV)

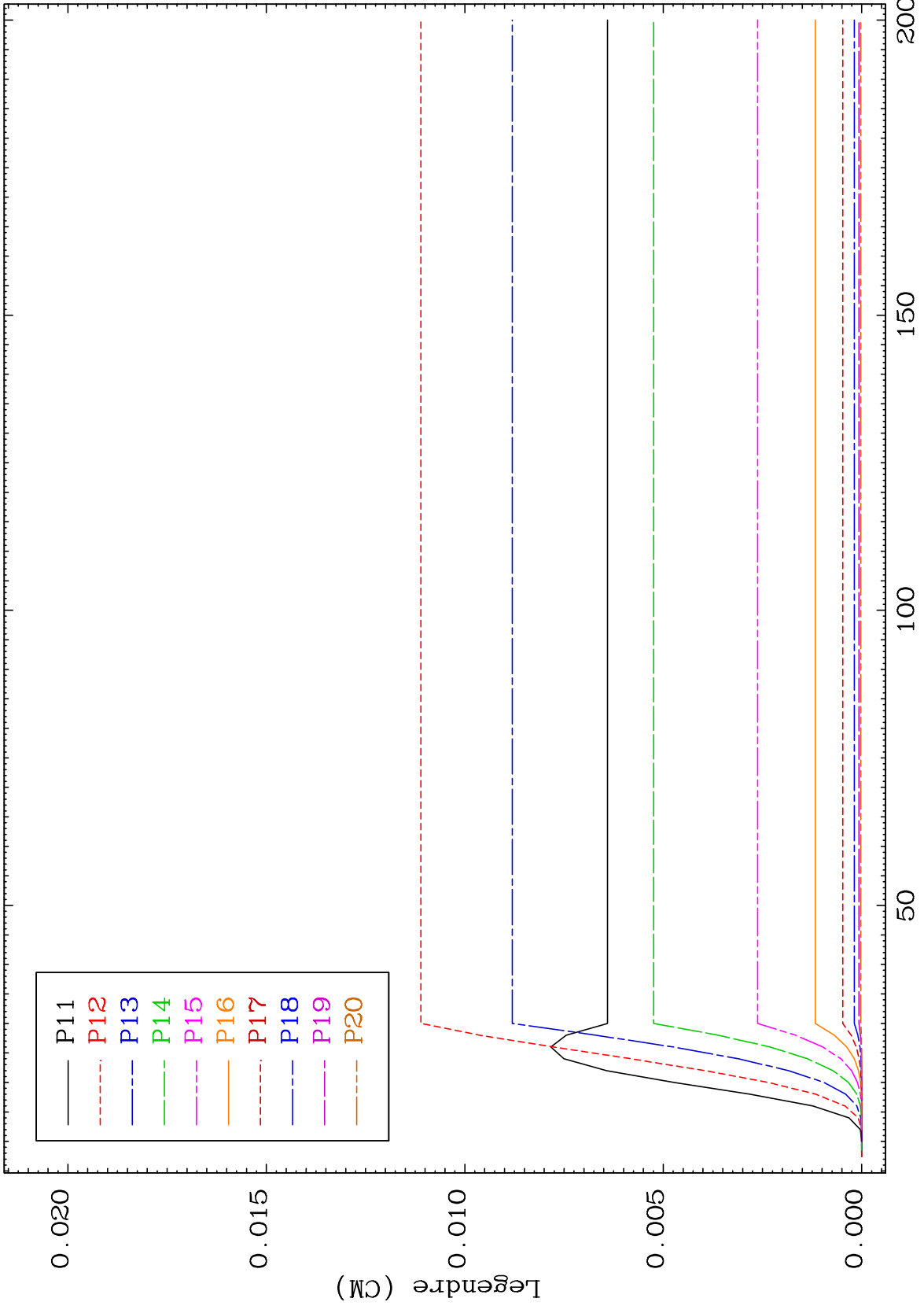
16-S -40



MAT 1649

MT= 75 (n,n') Level  
Legendre Coefficients

16-S -40



99

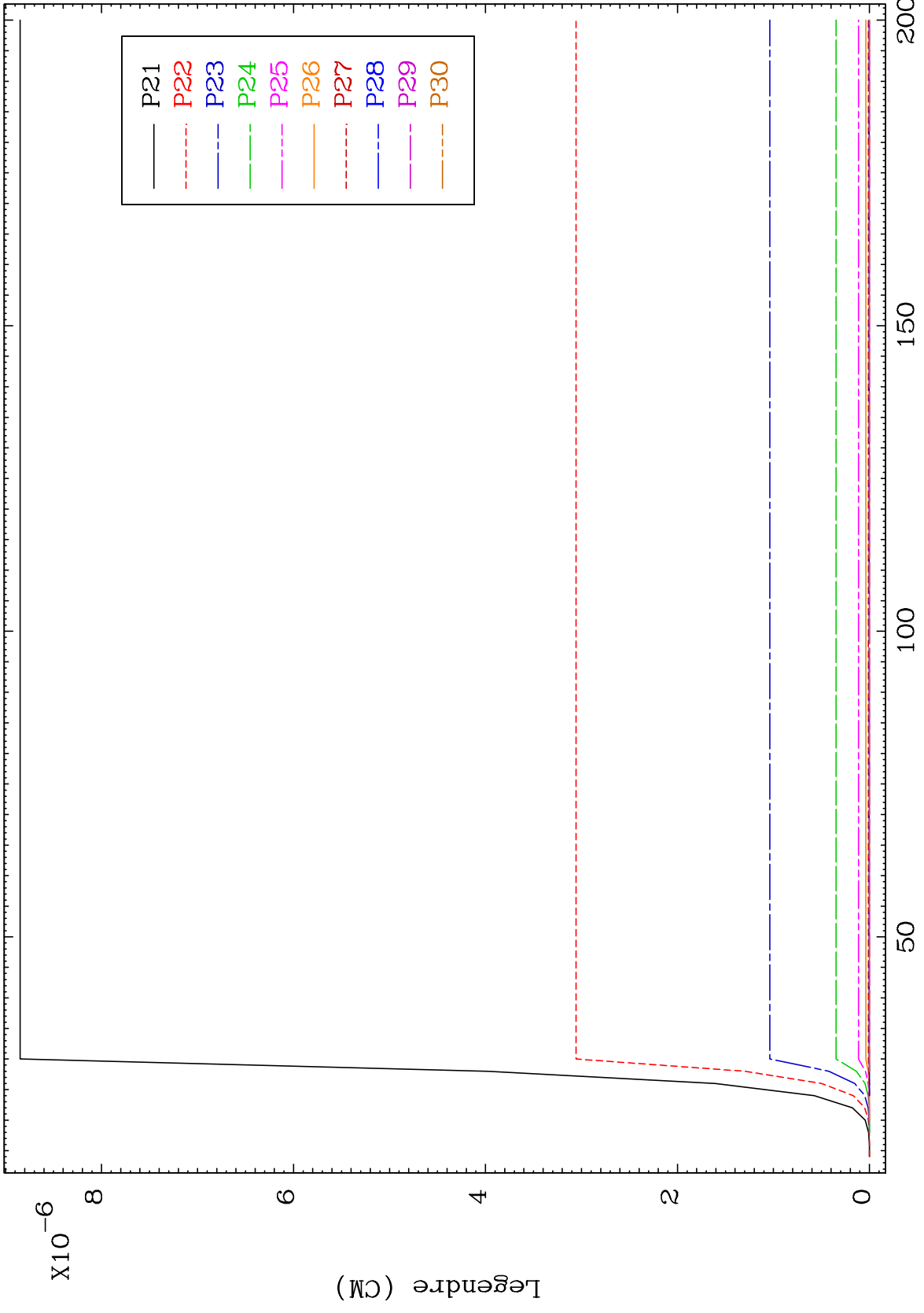
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 75 (n,n') Level  
Legendre Coefficients

16-S -40



100

50

100

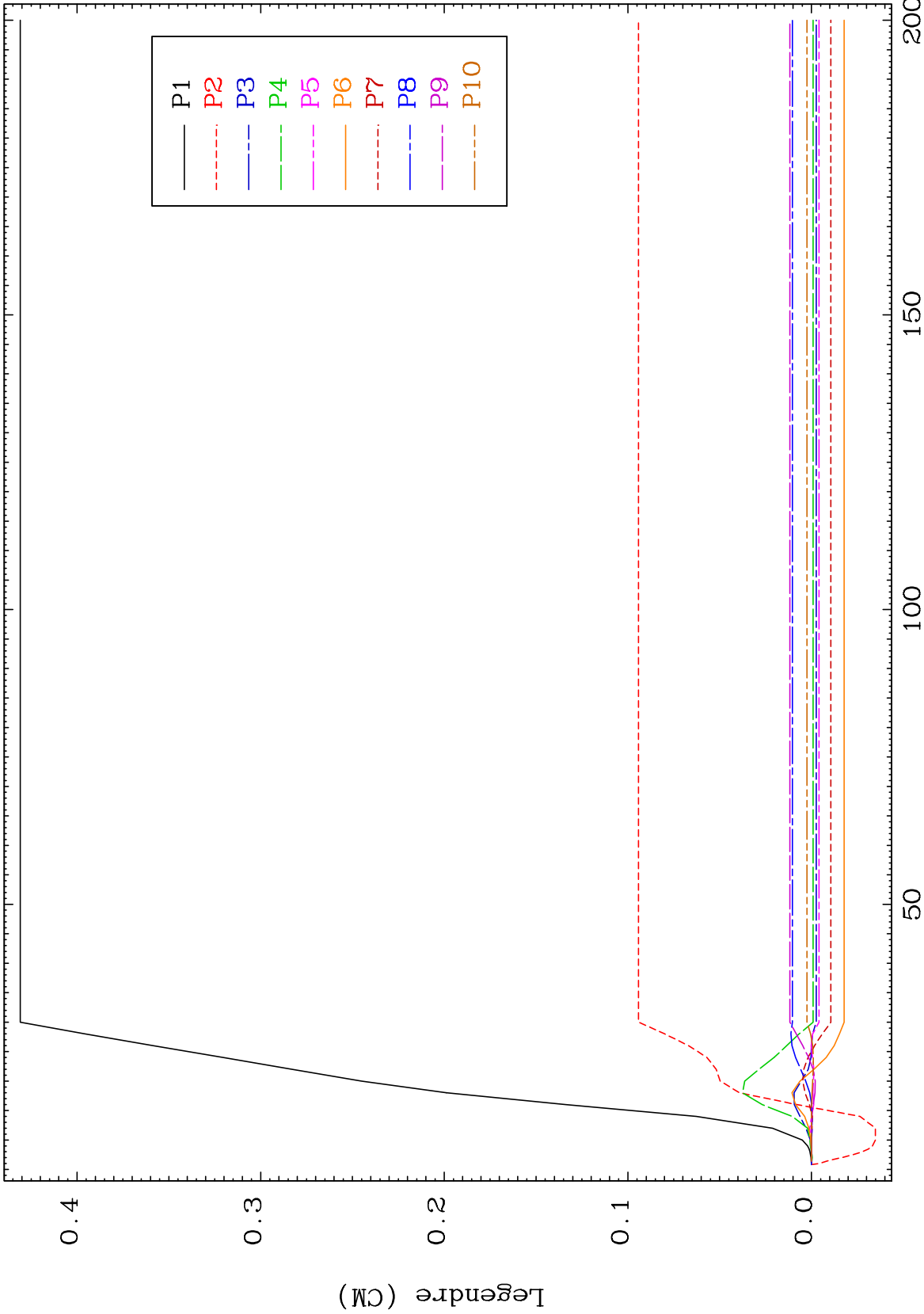
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 76 (n,n') Level  
Legendre Coefficients

16-S -40

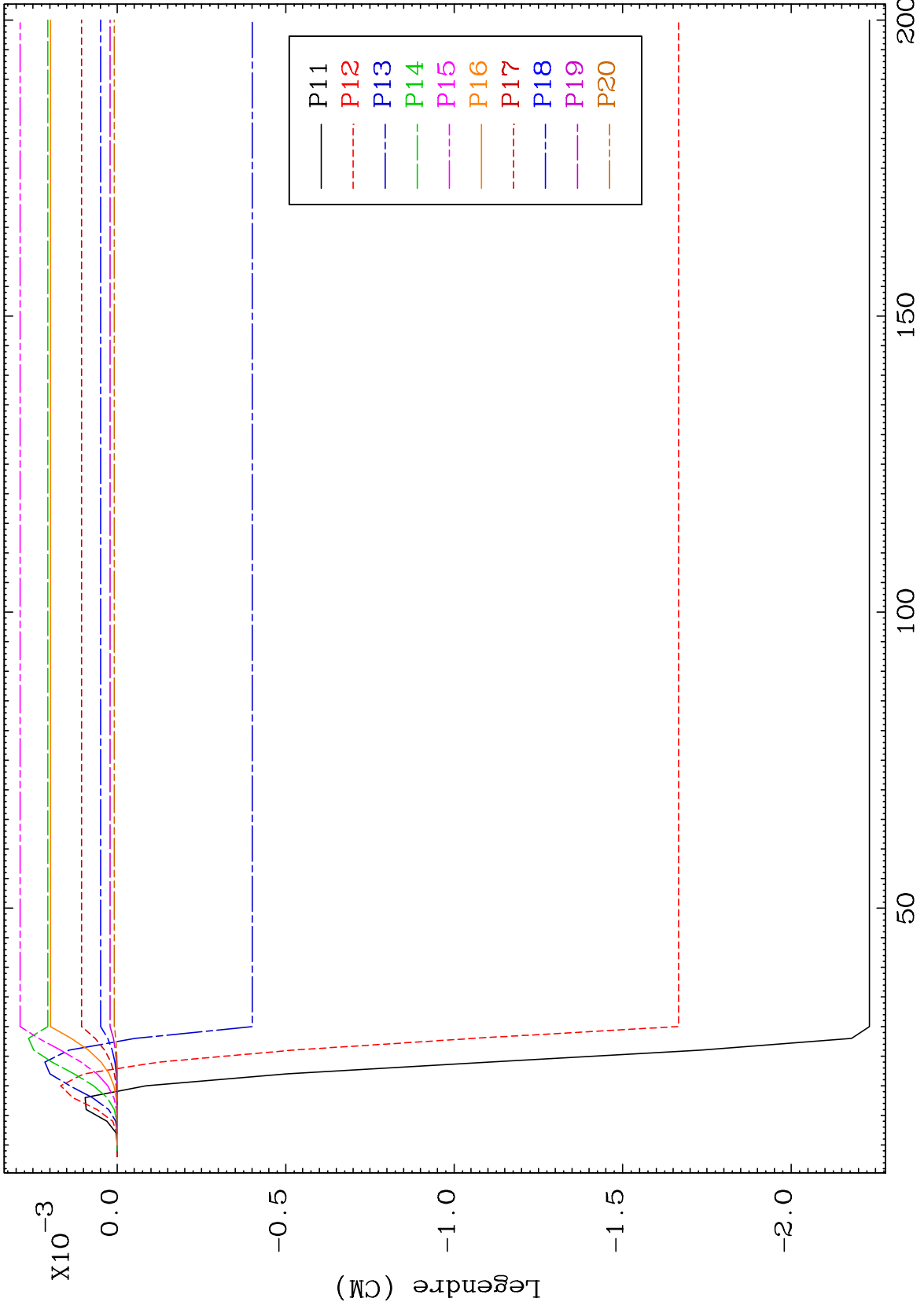


101

Incident Energy (MeV)

16-S -40

MAT 1649 MT= 76 (n,n') Level Legendre Coefficients 16-S -40

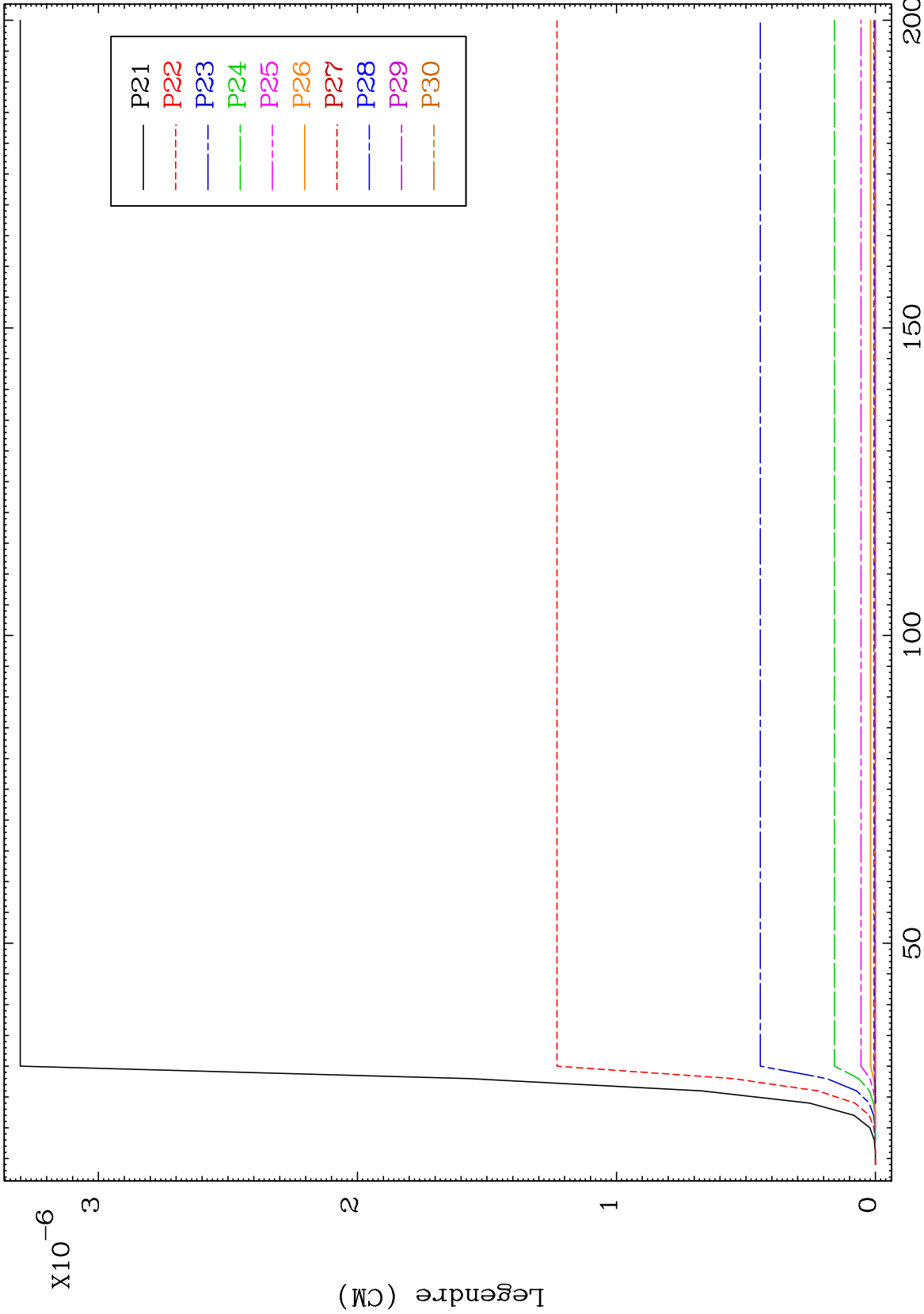


102 16-S -40

MAT 1649

MT= 76 (n,n') Level  
Legendre Coefficients

16-S -40



103

50

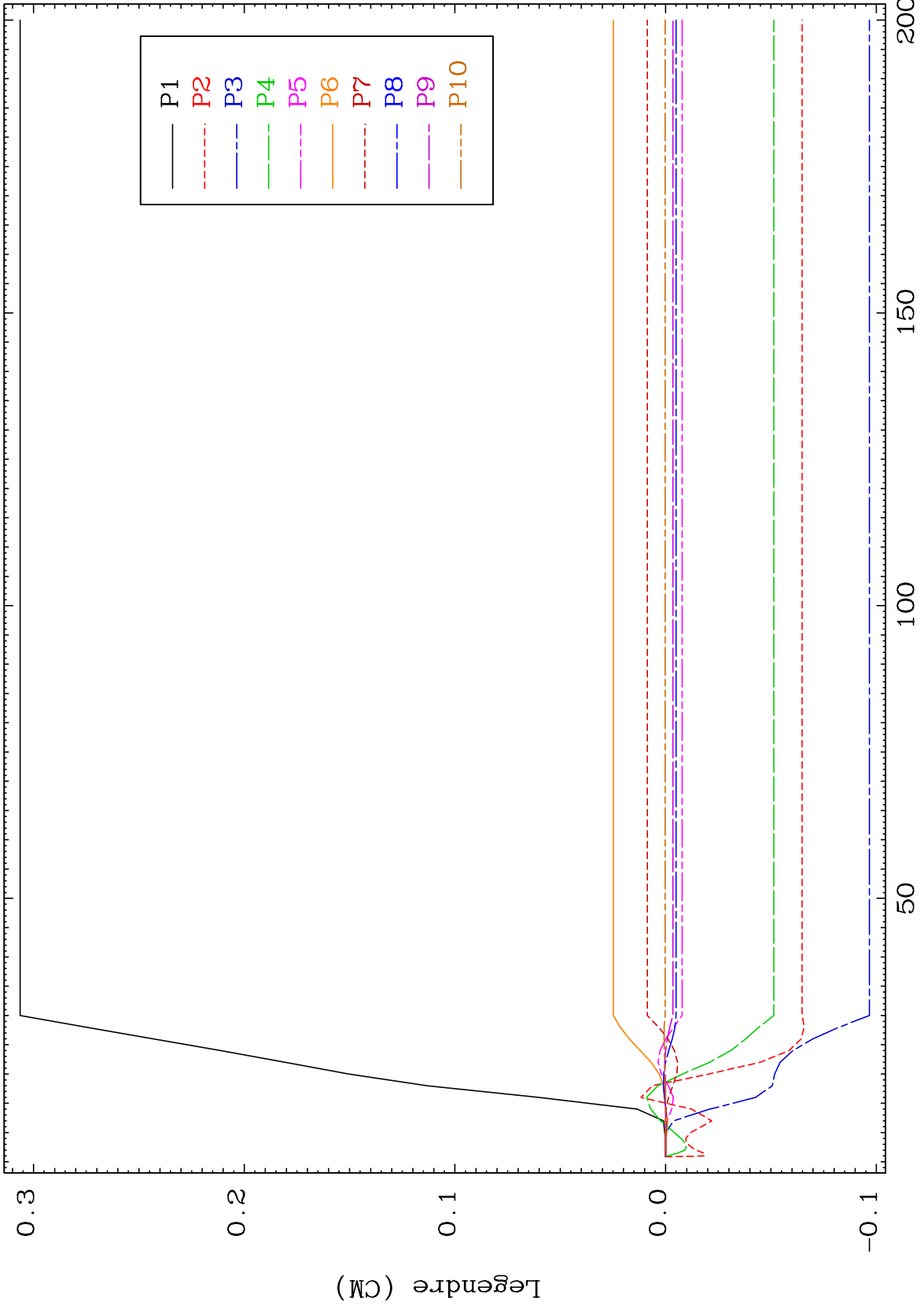
150

Incident Energy (MeV)

16-S -40



MAT 1649 MT= 77 (n,n') Level Legendre Coefficients 16-S -40

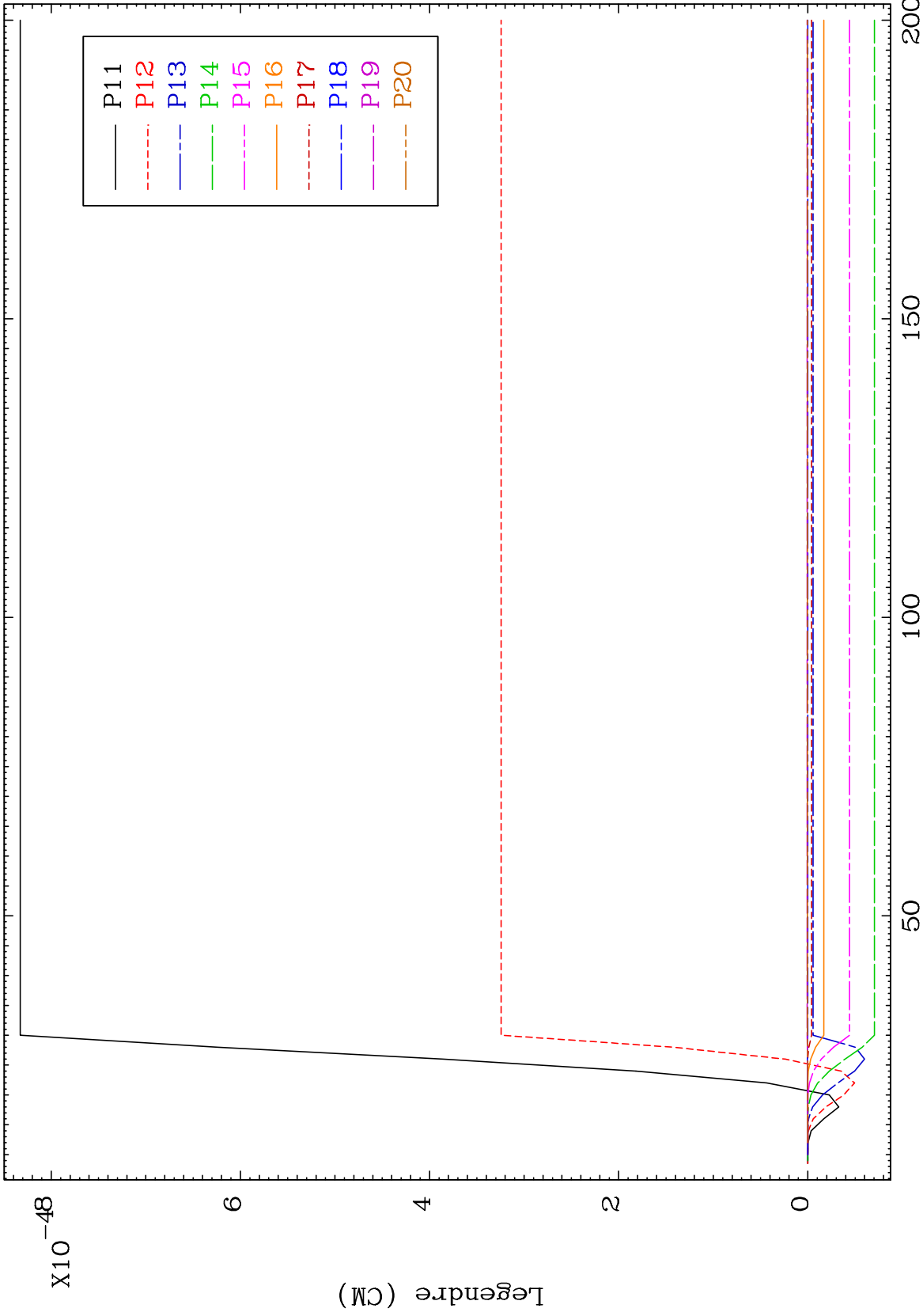


104 16-S -40

MAT 1649

MT= 77 (n,n') Level  
Legendre Coefficients

16-S -40



105

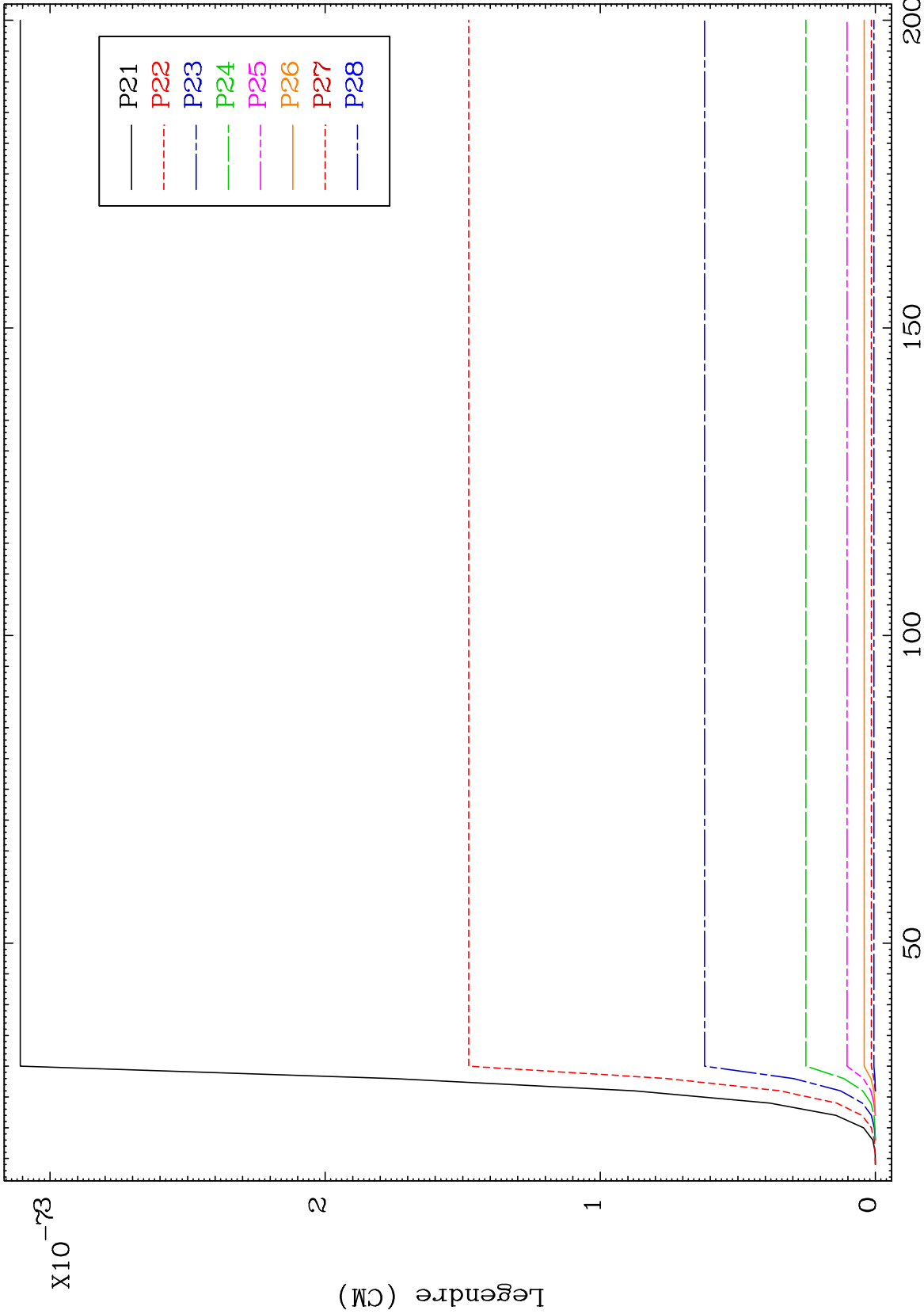
Incident Energy (MeV)

16-S -40

MAT 1649

MT= 77 (n,n') Level  
Legendre Coefficients

16-S -40



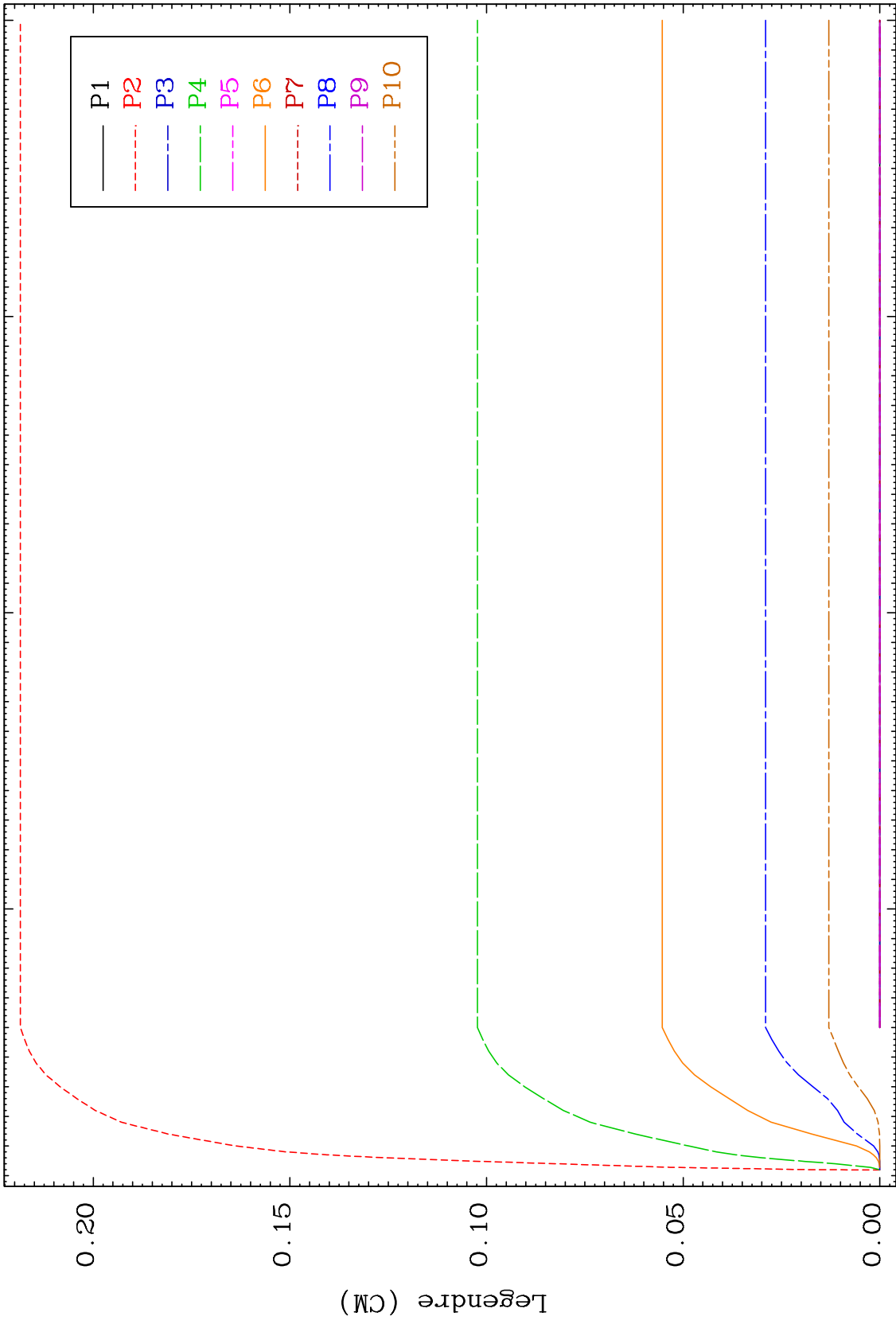
106

150

200

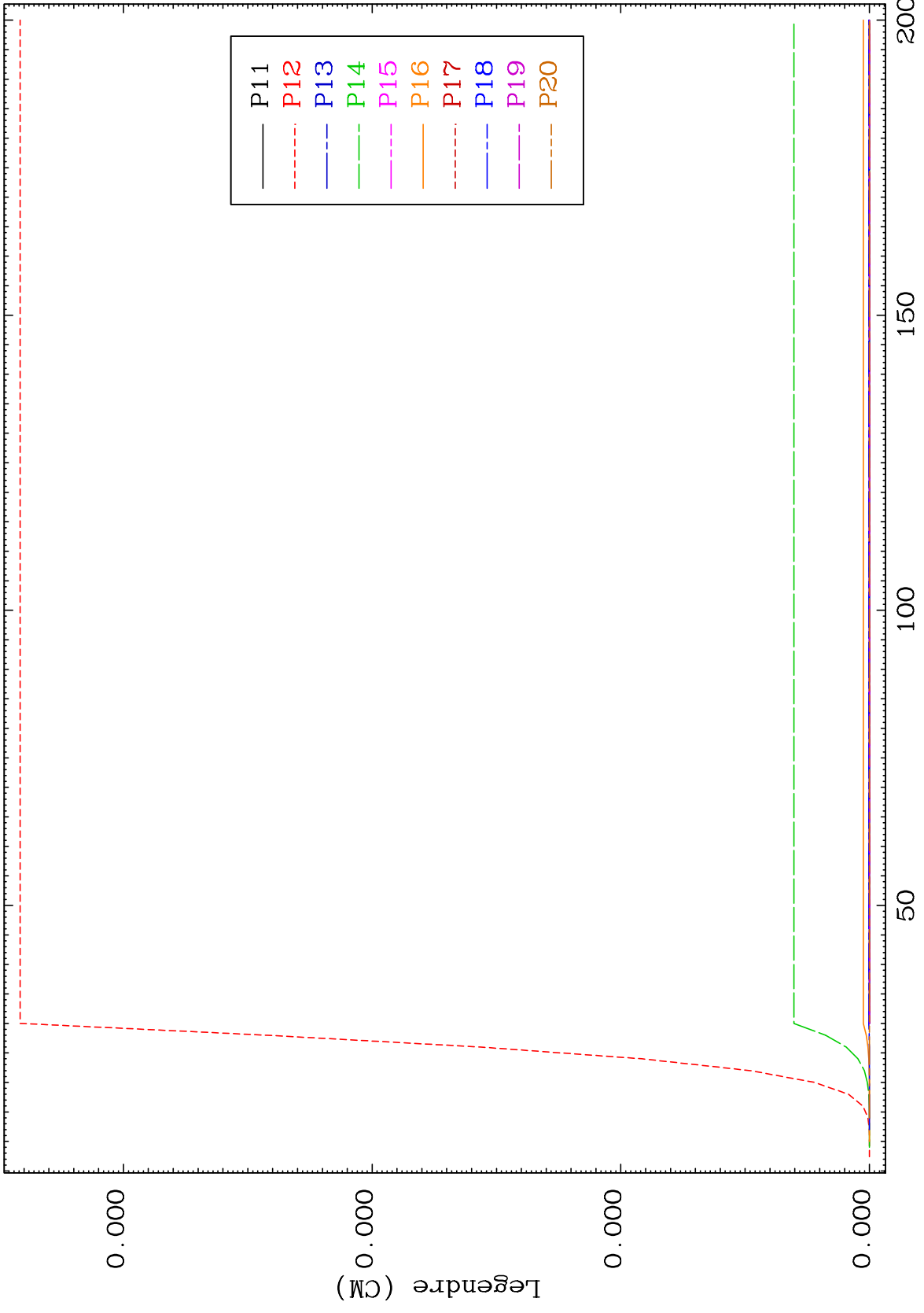
16-S -40

MAT 1649 MT= 78 (n,n') Level Legendre Coefficients 16-S -40



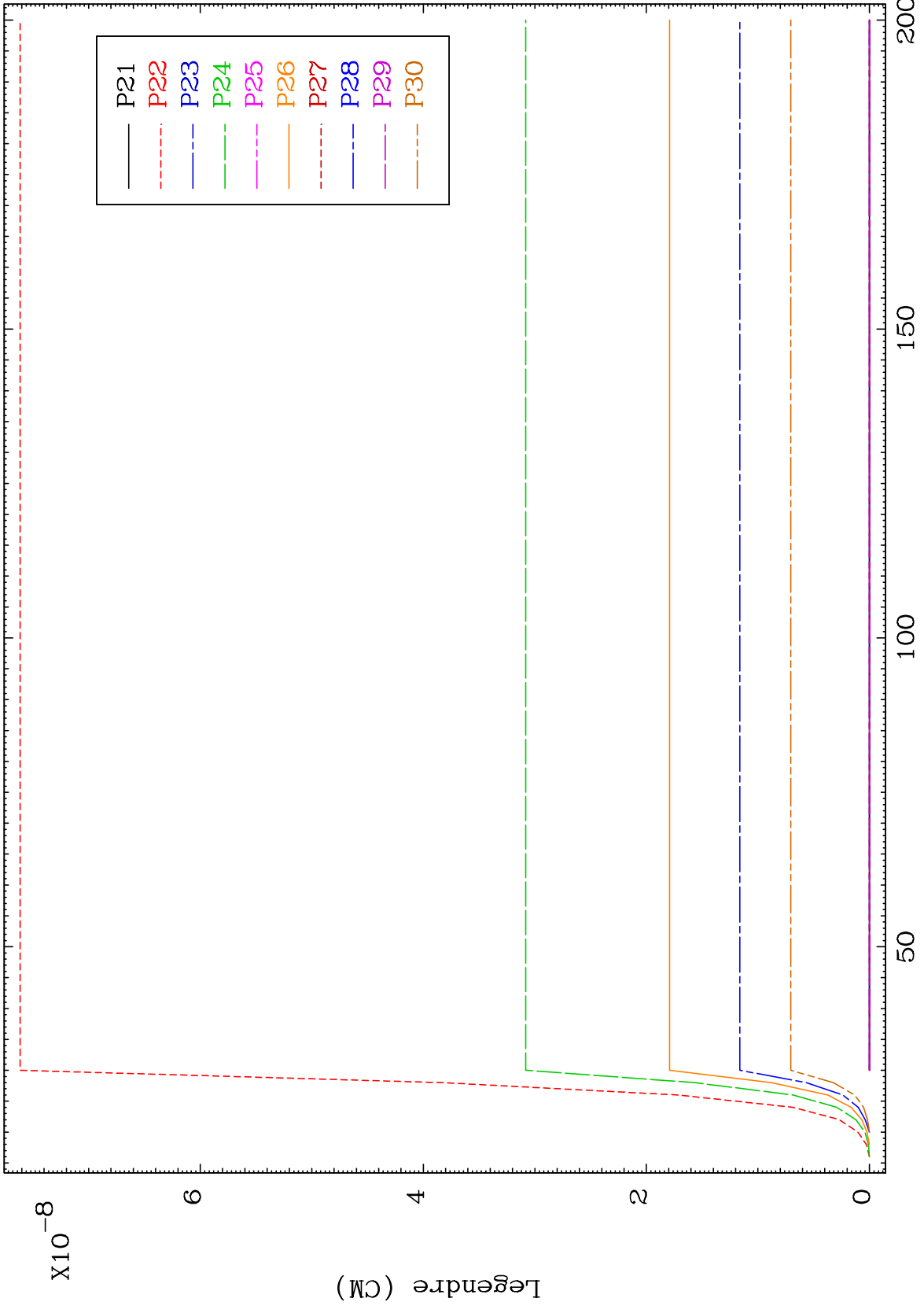
107 Incident Energy (MeV) 16-S -40

MAT 1649 MT= 78 (n,n') Level Legendre Coefficients 16-S -40

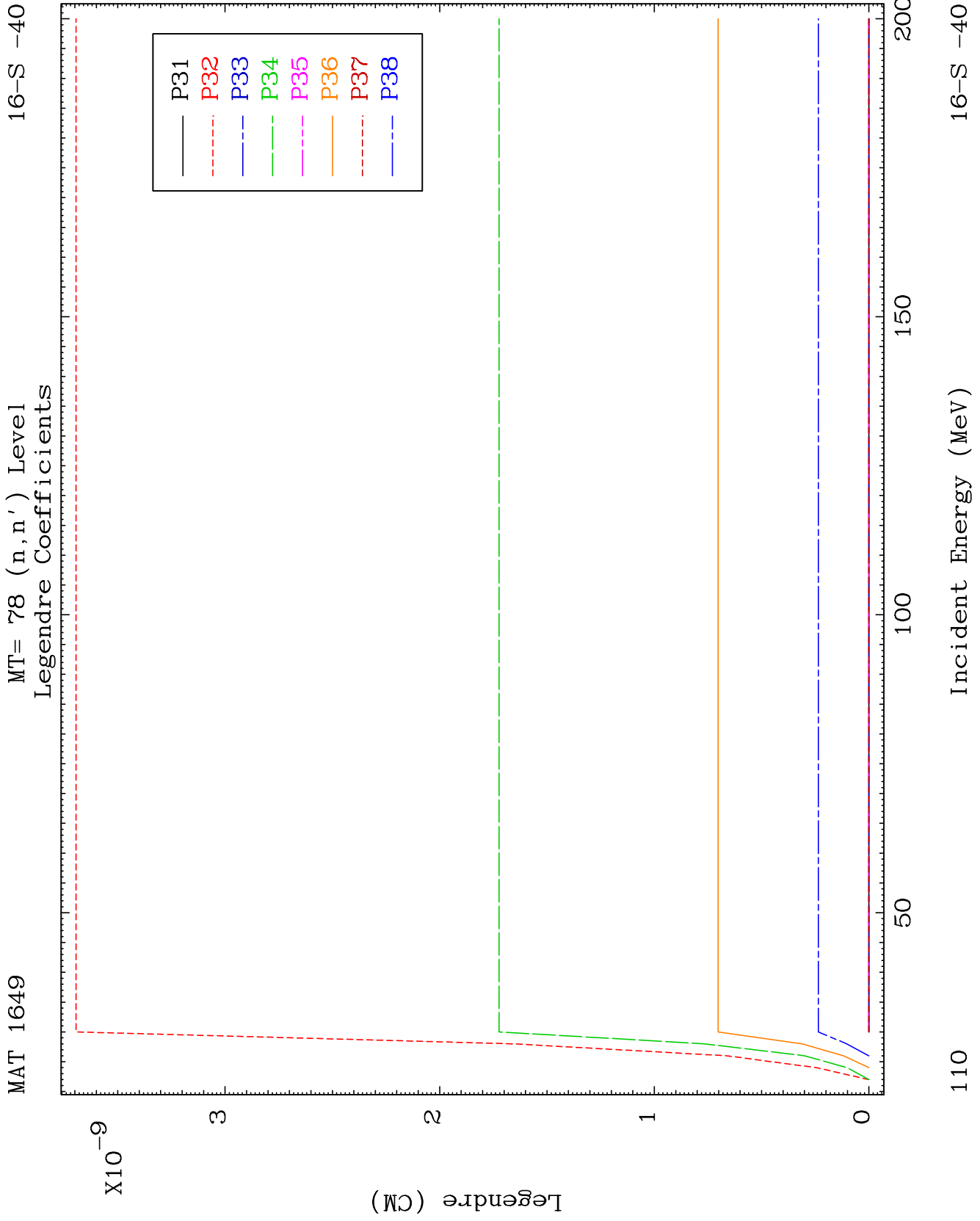


108 50 100 150 200 16-S -40

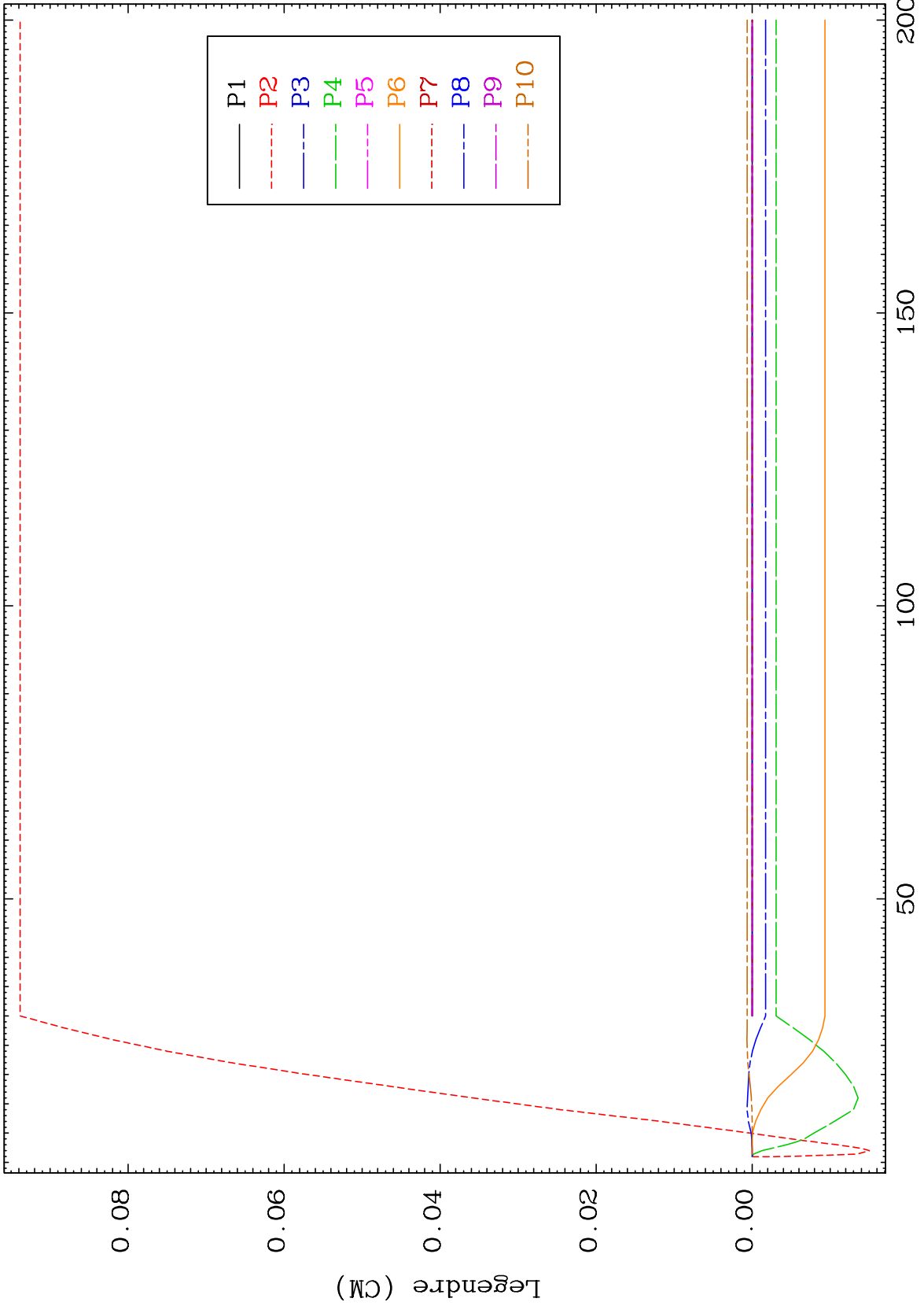
MAT 1649 MT= 78 (n,n') Level Legendre Coefficients 16-S -40



109 150 200 16-S -40



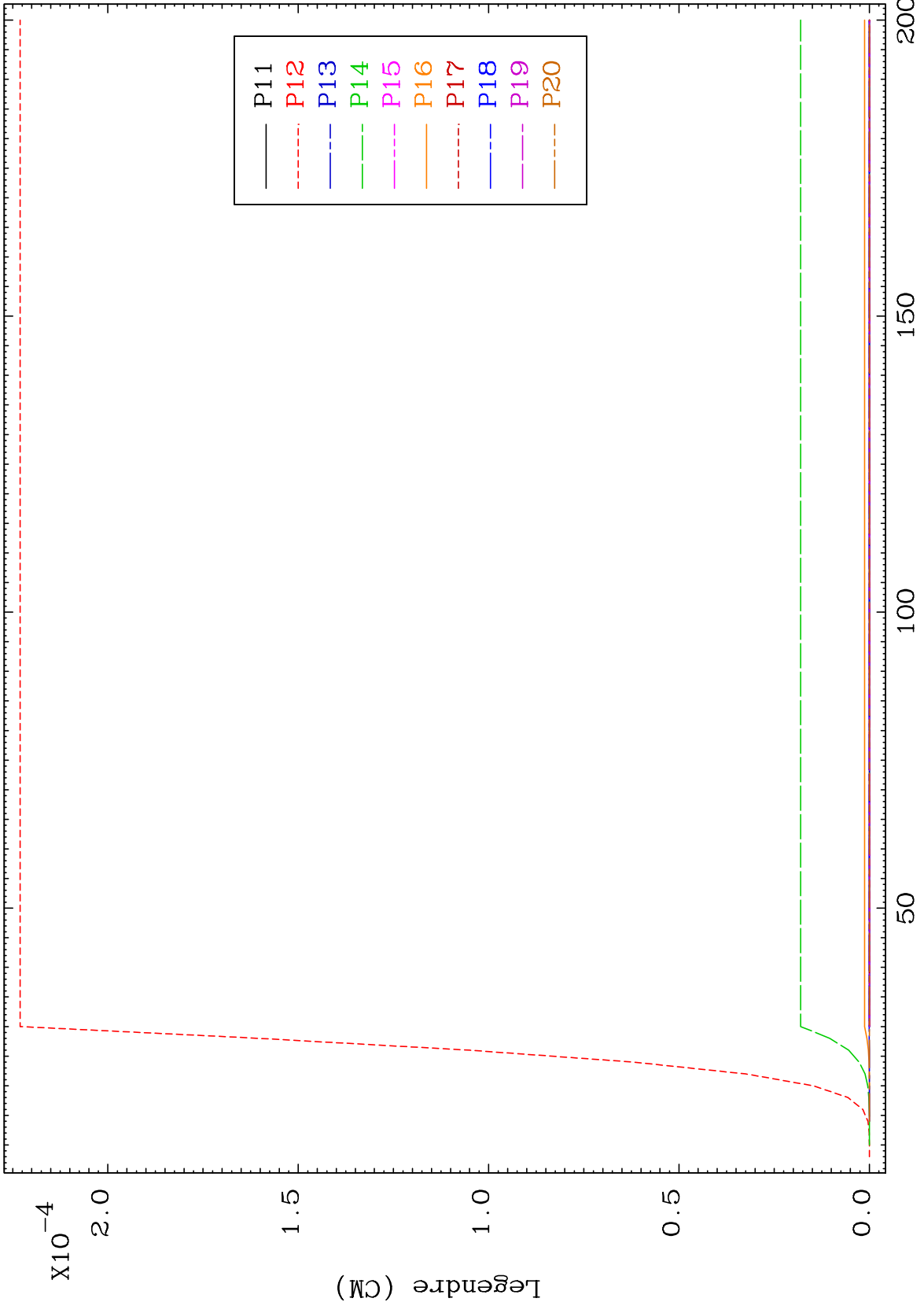
MAT 1649 MT= 79 (n,n') Level Legendre Coefficients 16-S -40



111 16-S -40



MAT 1649 MT= 79 (n,n') Level Legendre Coefficients 16-S -40

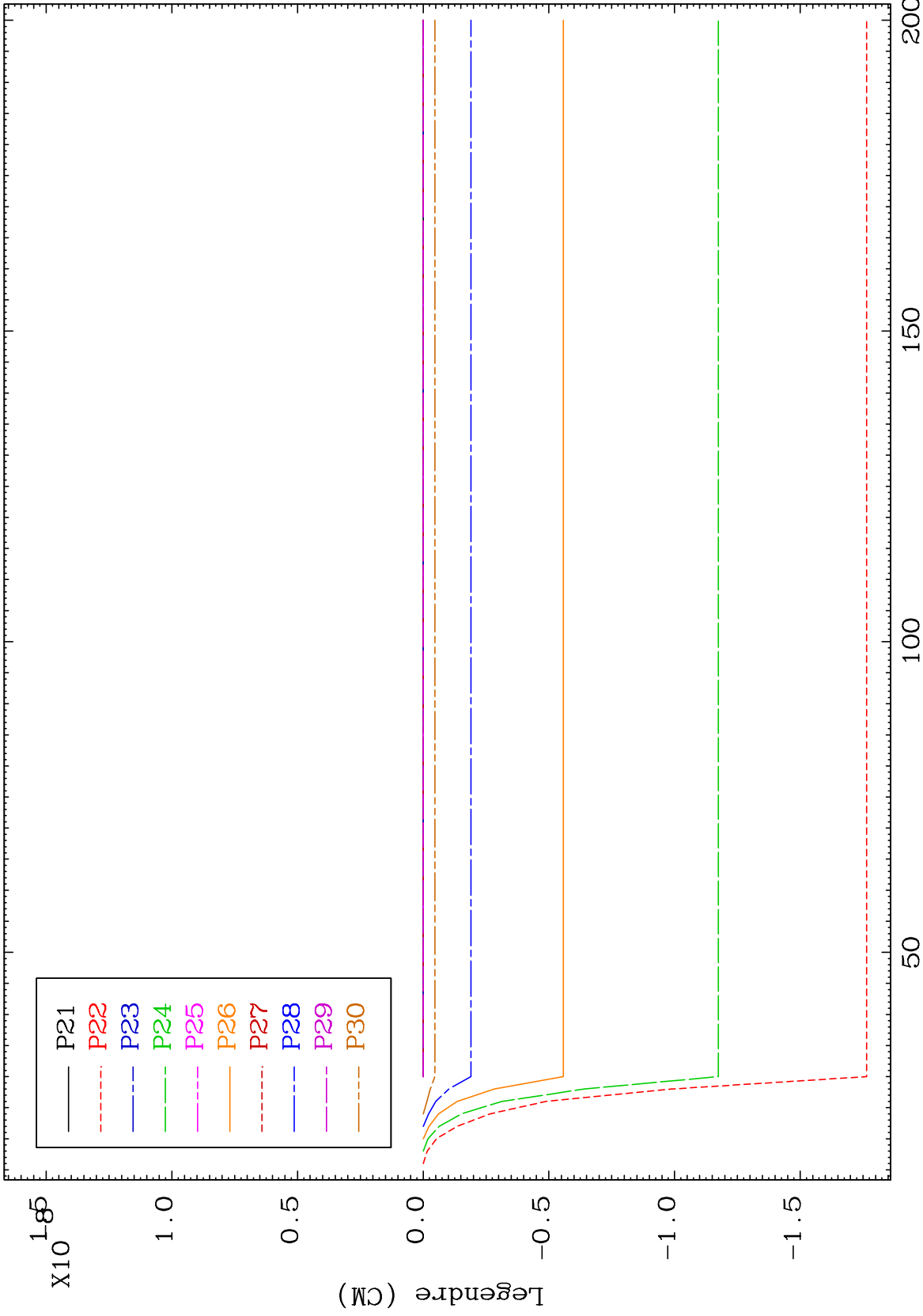


112 16-S -40

MAT 1649

MT= 79 (n,n') Level  
Legendre Coefficients

16-S -40



113

Incident Energy (MeV)

16-S -40