

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

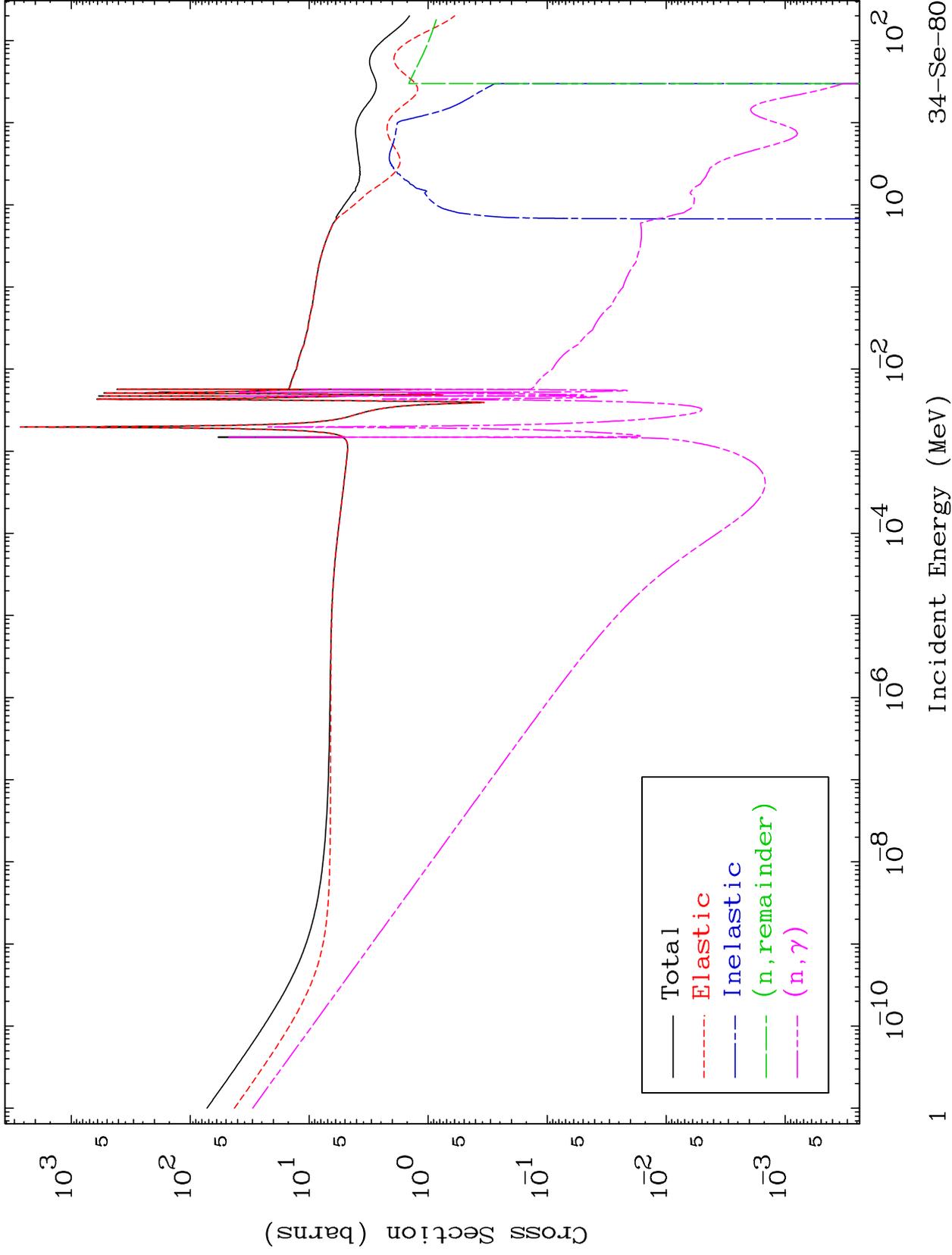
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Press Mouse Button to Start

MAT 3443

Major
293 Kelvin Cross Sections

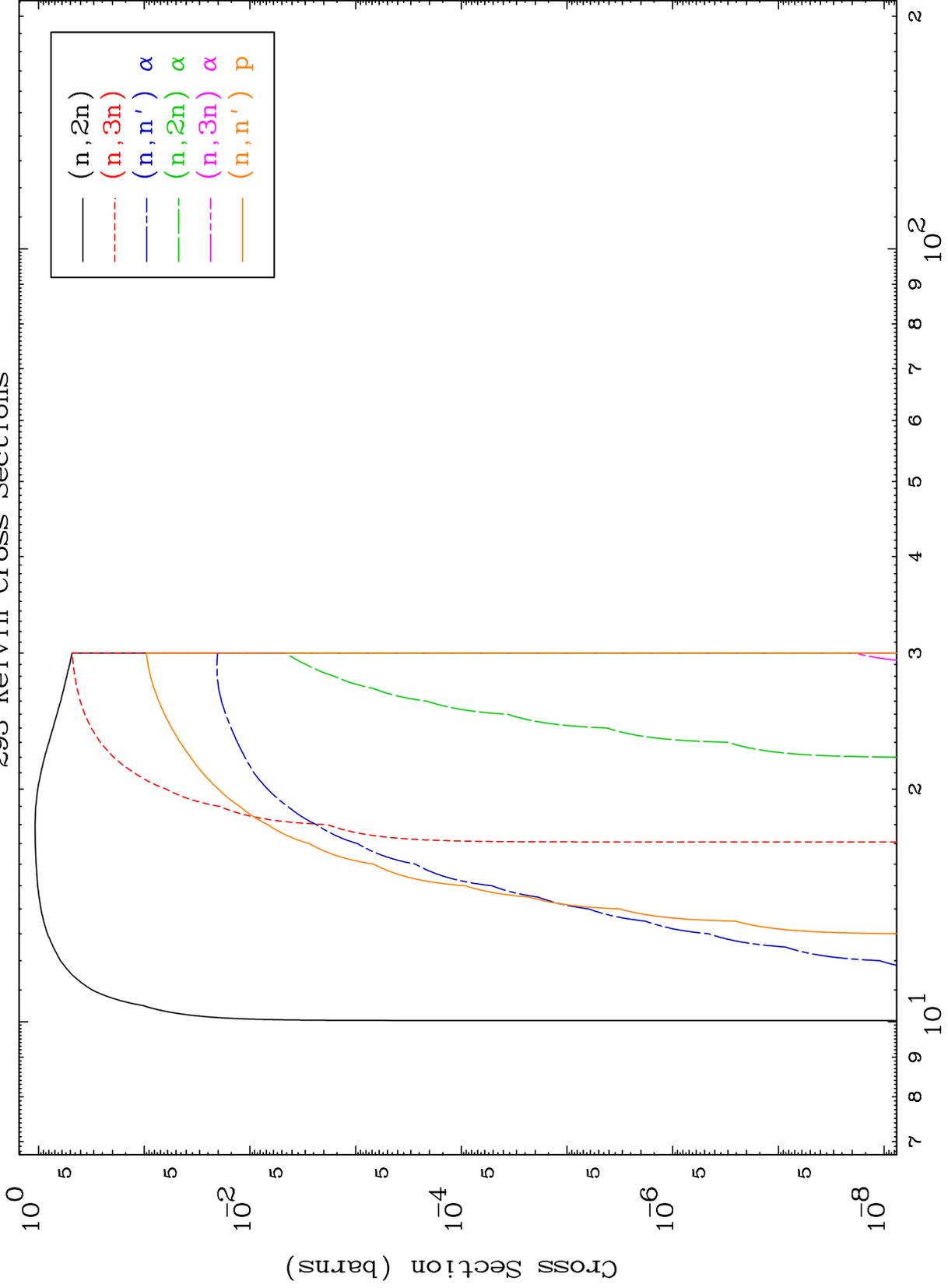
³⁴Se-80



MAT 3443

Neutron Production
293 Kelvin Cross Sections

34-Se-80



2

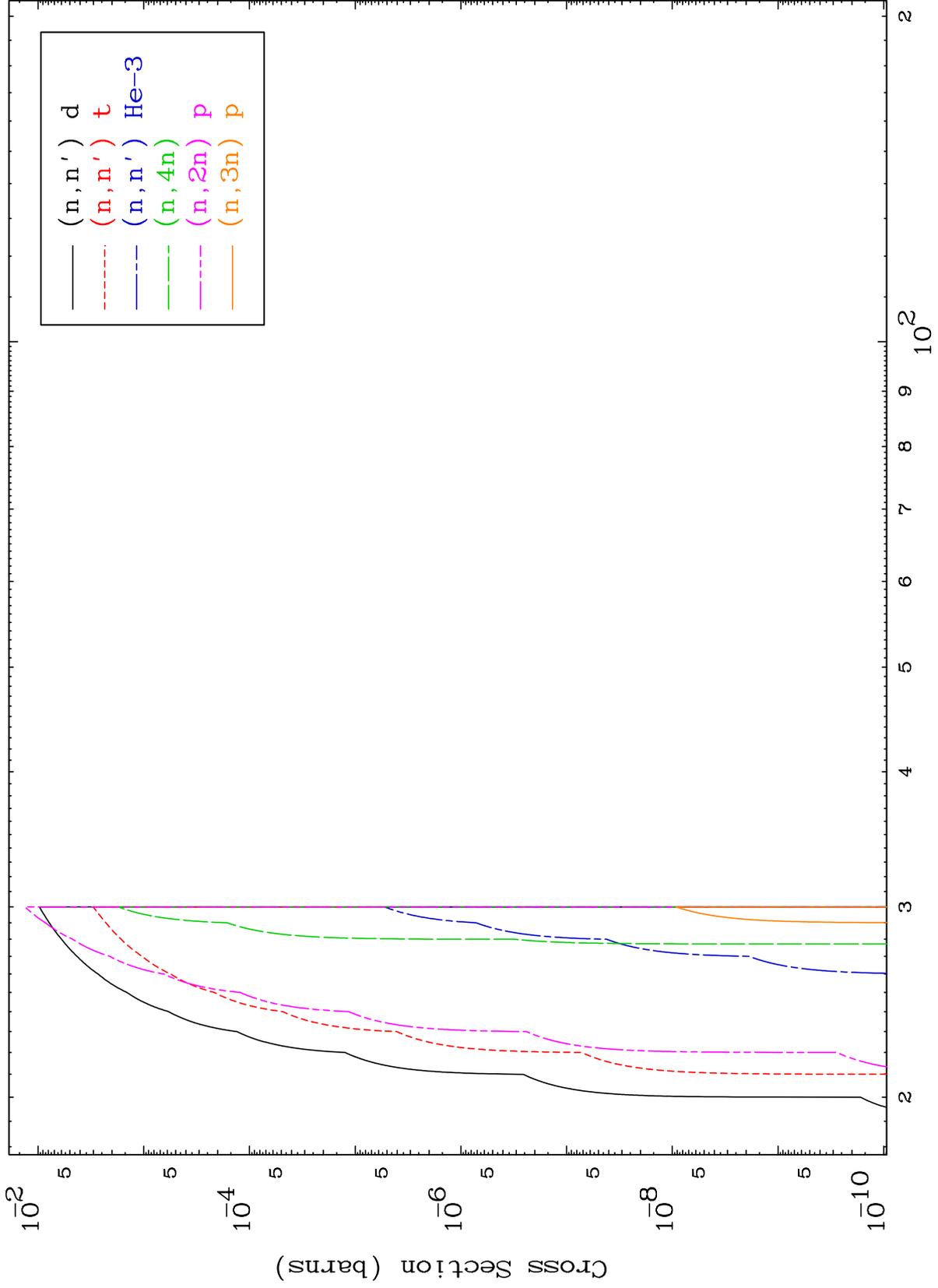
Incident Energy (MeV)

34-Se-80

MAT 3443

Neutron Production
293 Kelvin Cross Sections

34-Se-80



3

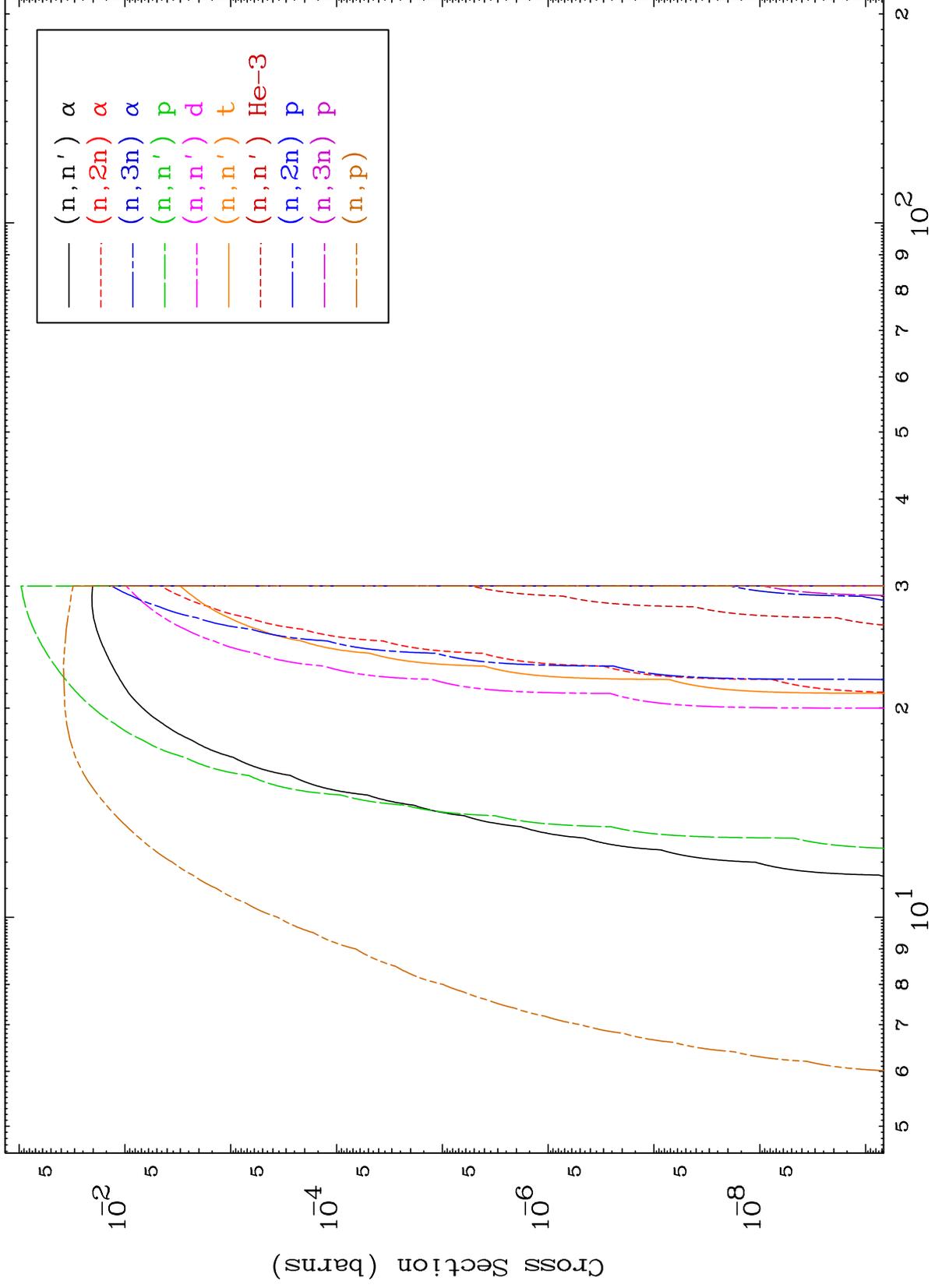
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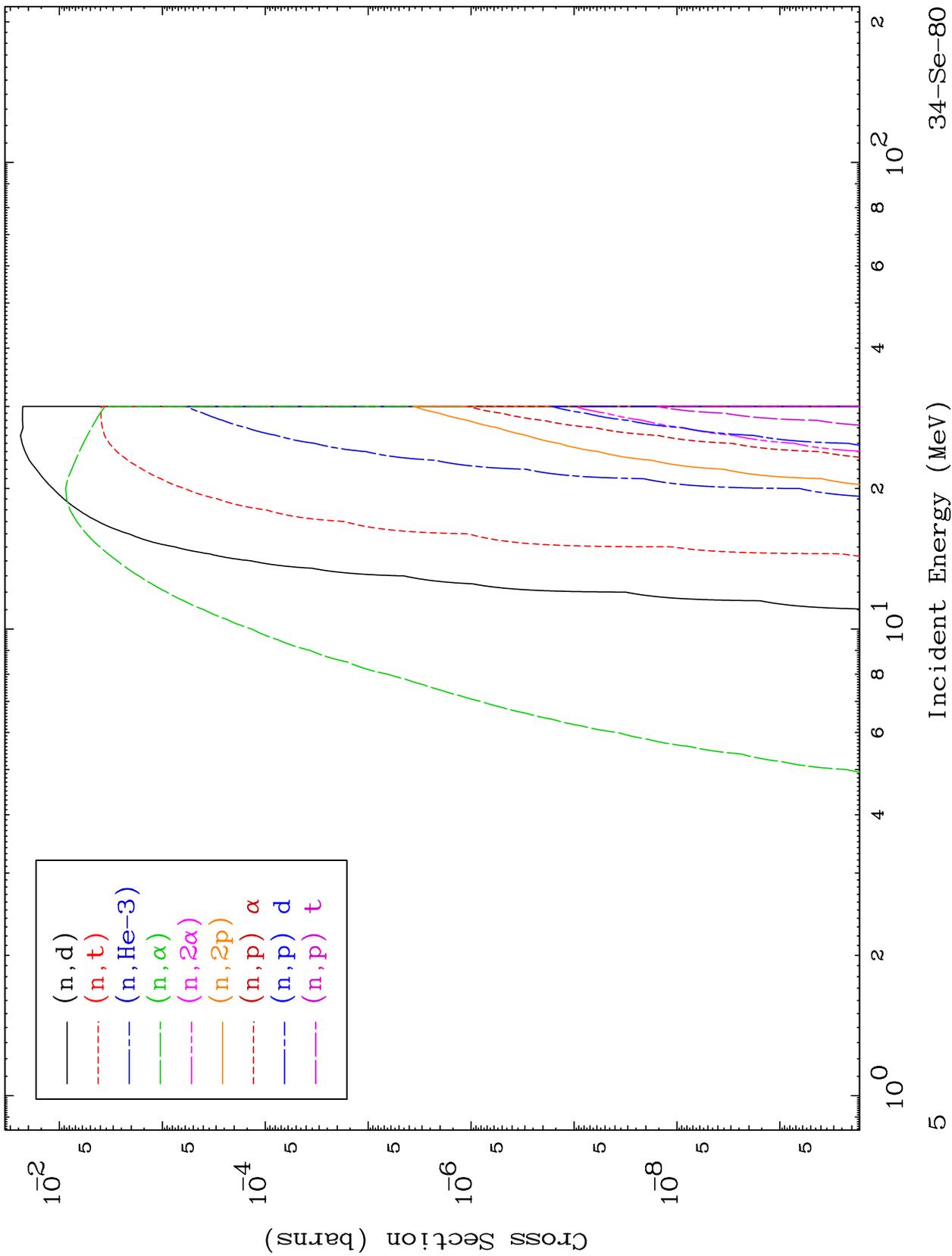
34-Se-80

MAT 3443

Charged Particle
293 Kelvin Cross Sections

34-Se-80

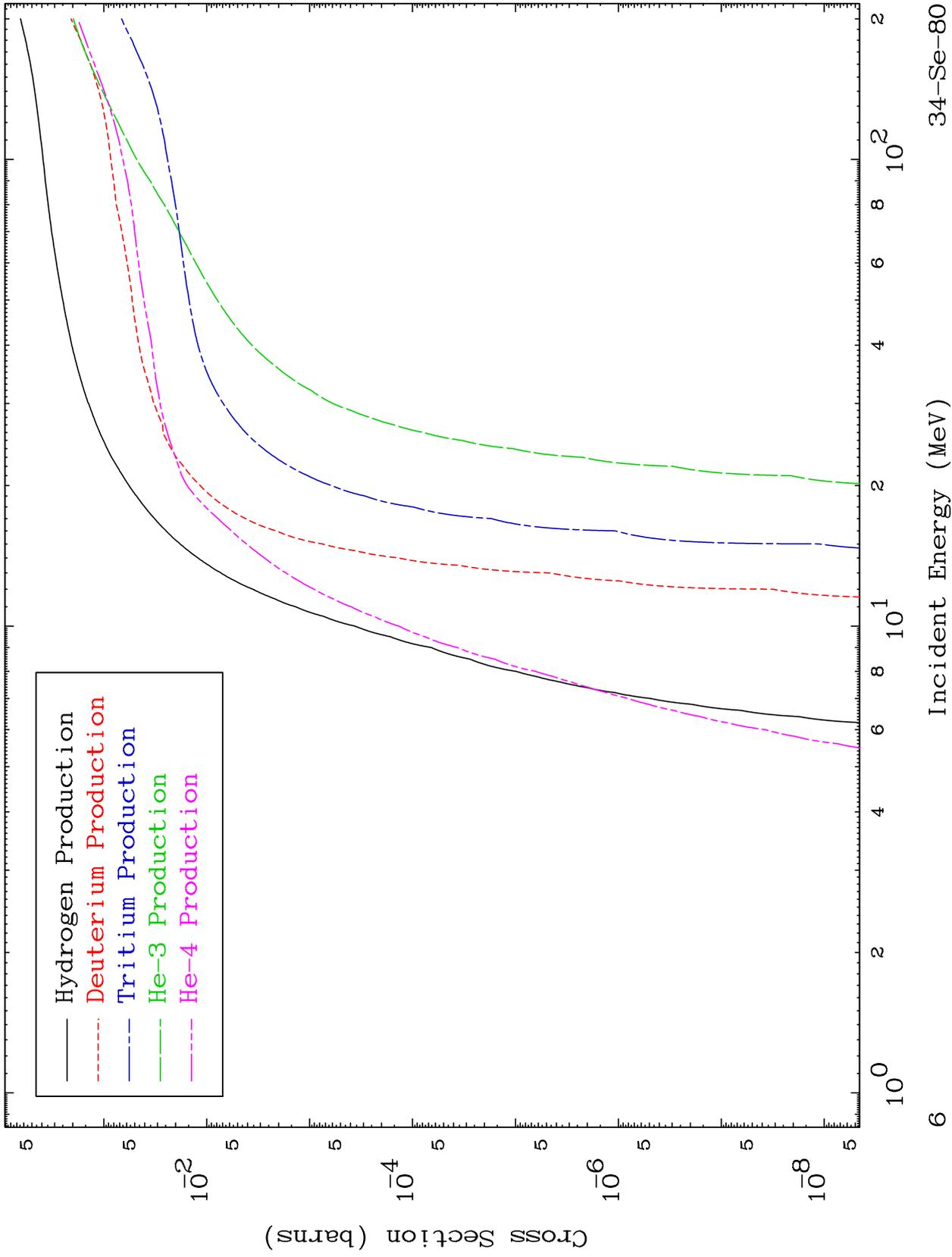




MAT 3443

Particle Production
293 Kelvin Cross Sections

³⁴Se-80



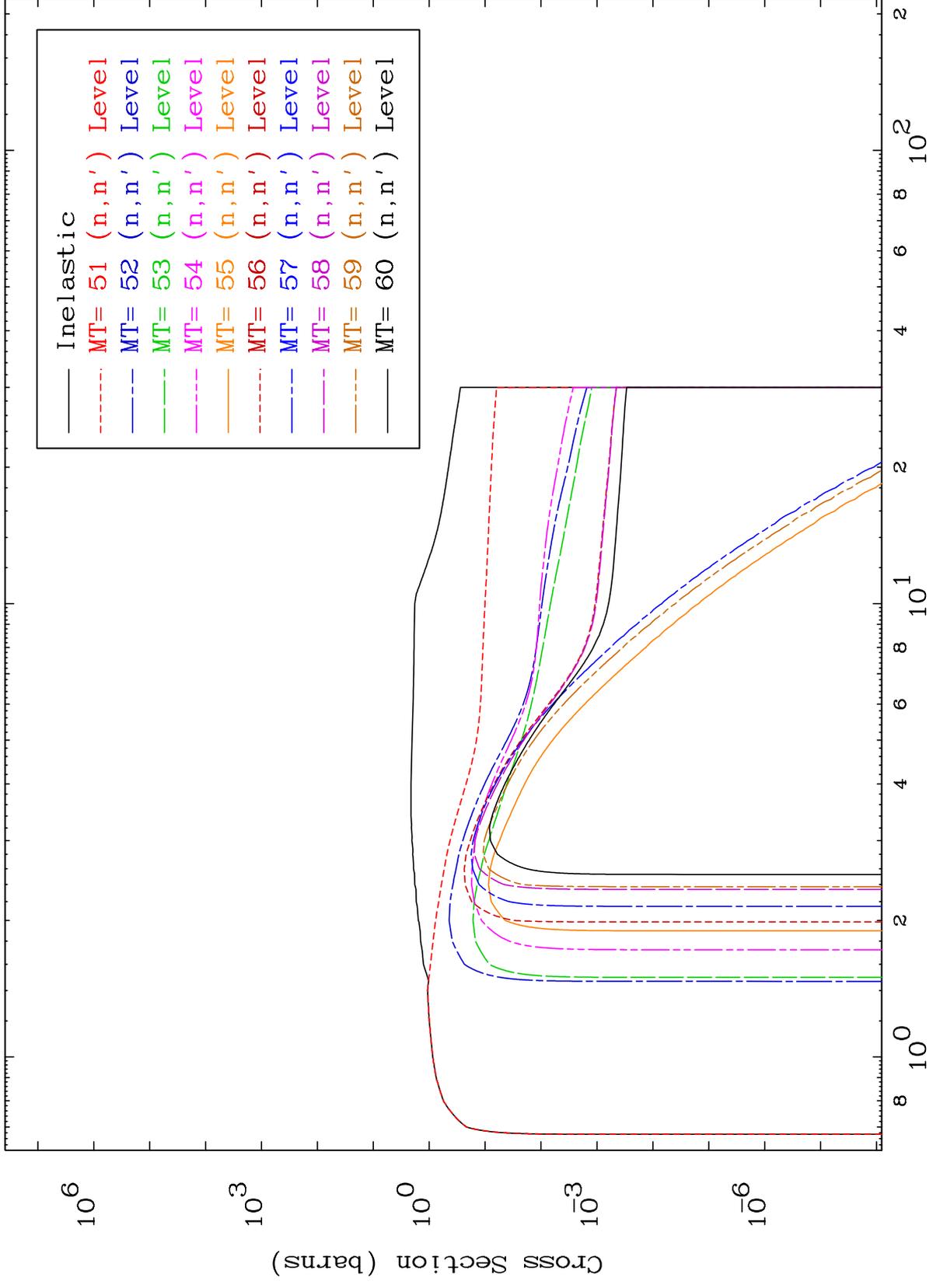
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MAT 3443

(n,n') Level

34-Se-80

293 Kelvin Cross Sections

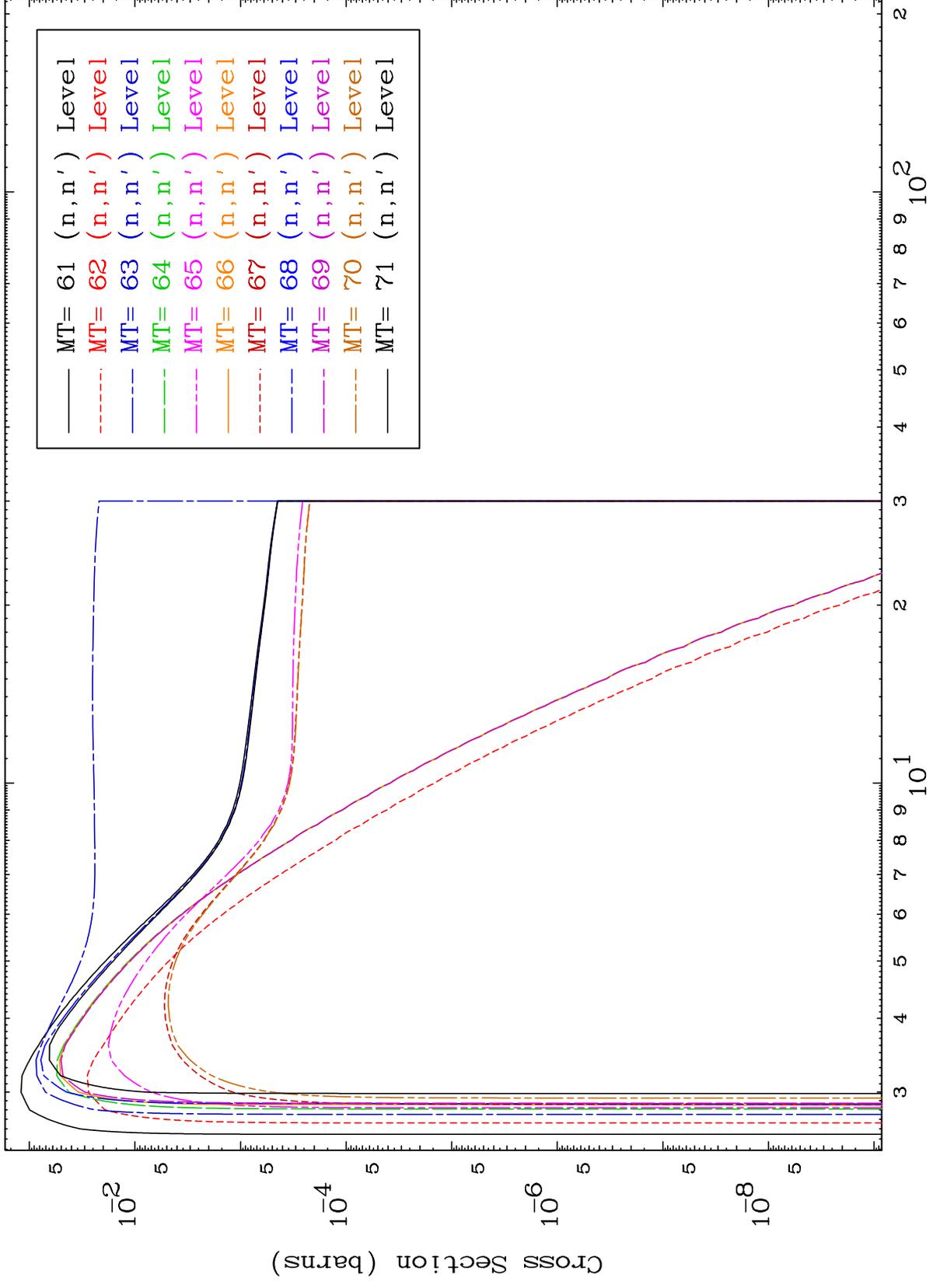


MAT 3443

(n,n') Level

34-Se-80

293 Kelvins Cross Sections



8

Incident Energy (MeV)

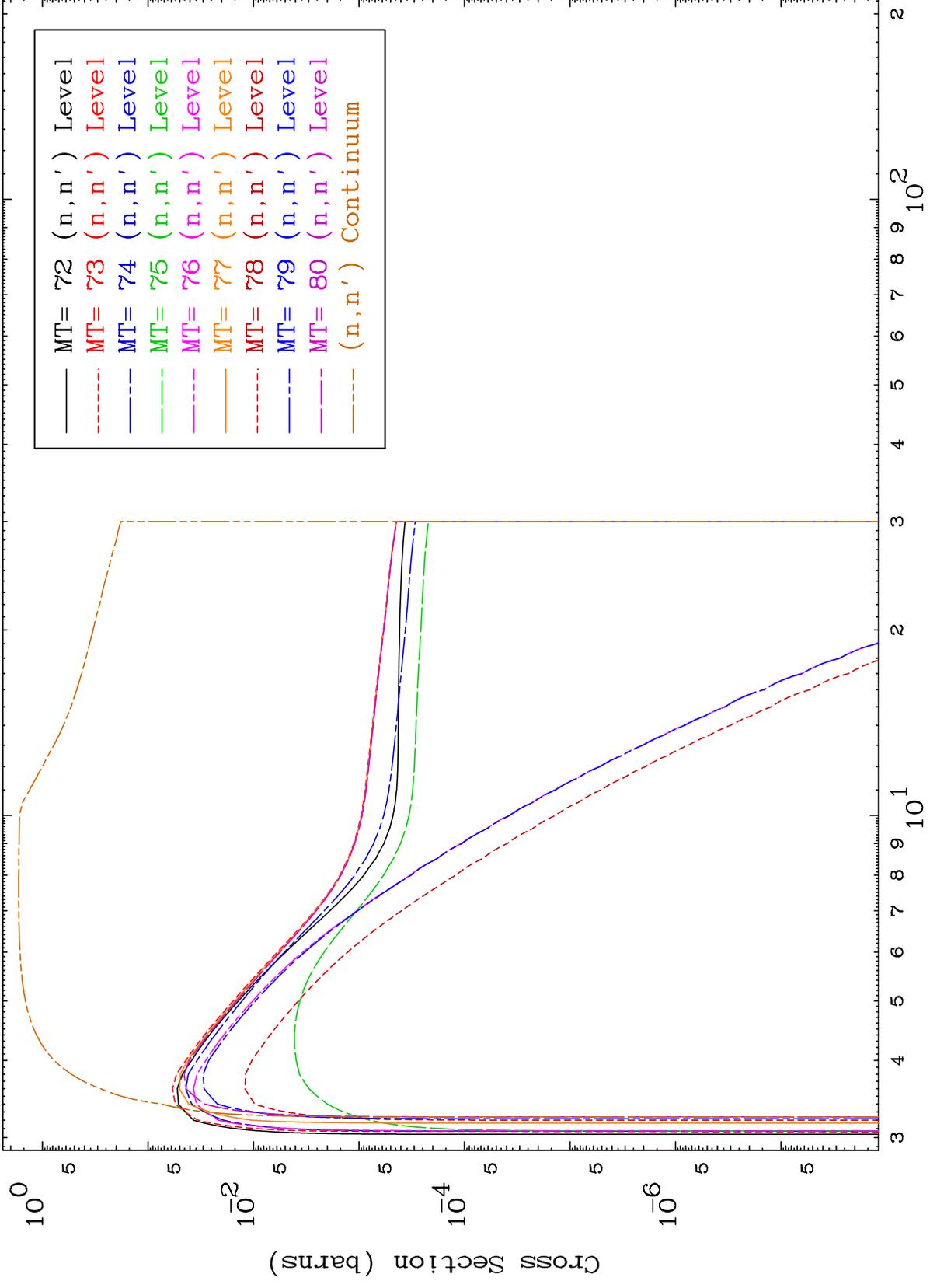
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MAT 3443

(n,n') Level

34-Se-80

293 Kelvin Cross Sections



Incident Energy (MeV)

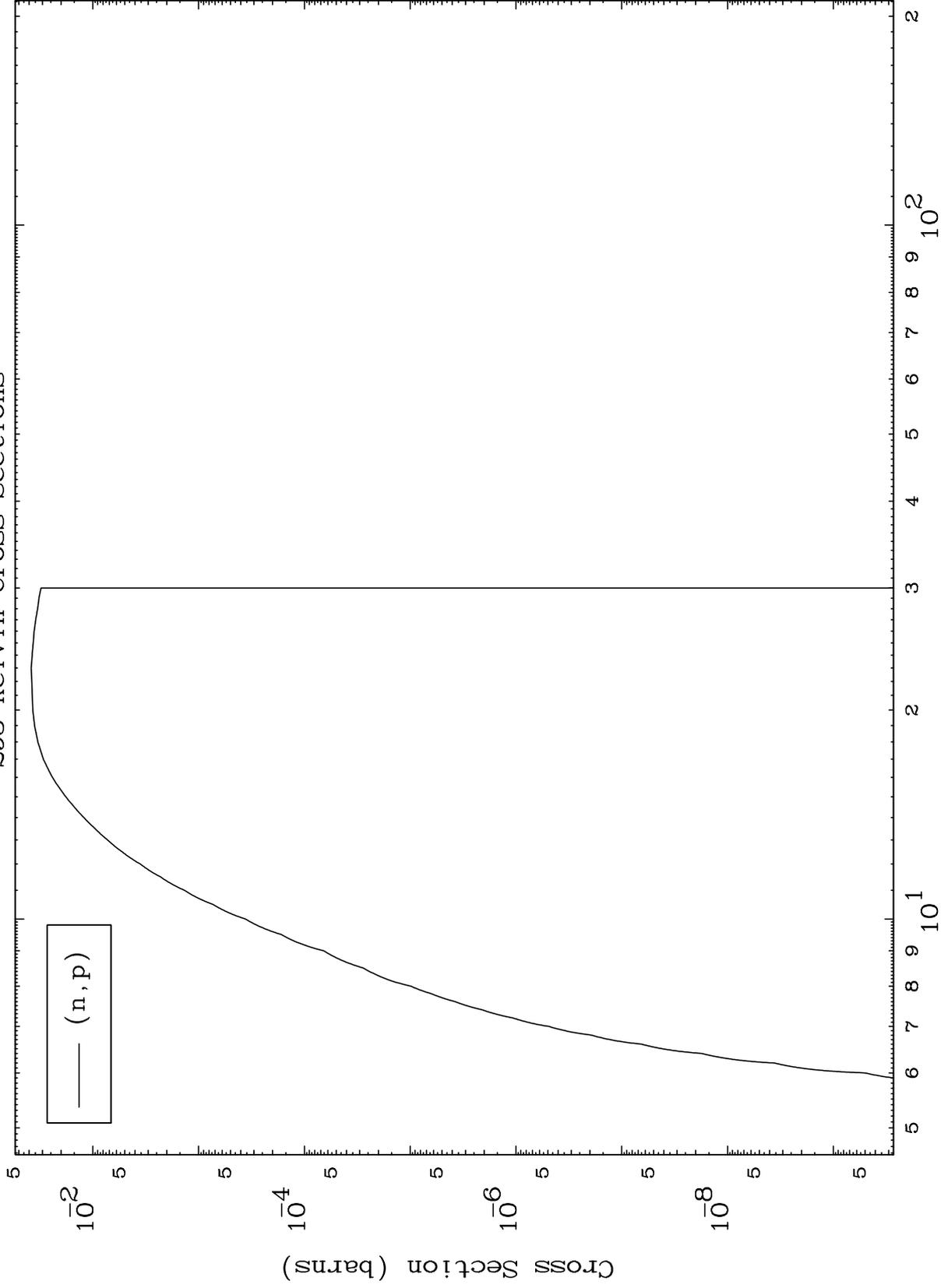
34-Se-80

9

MAT 3443

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-80



10

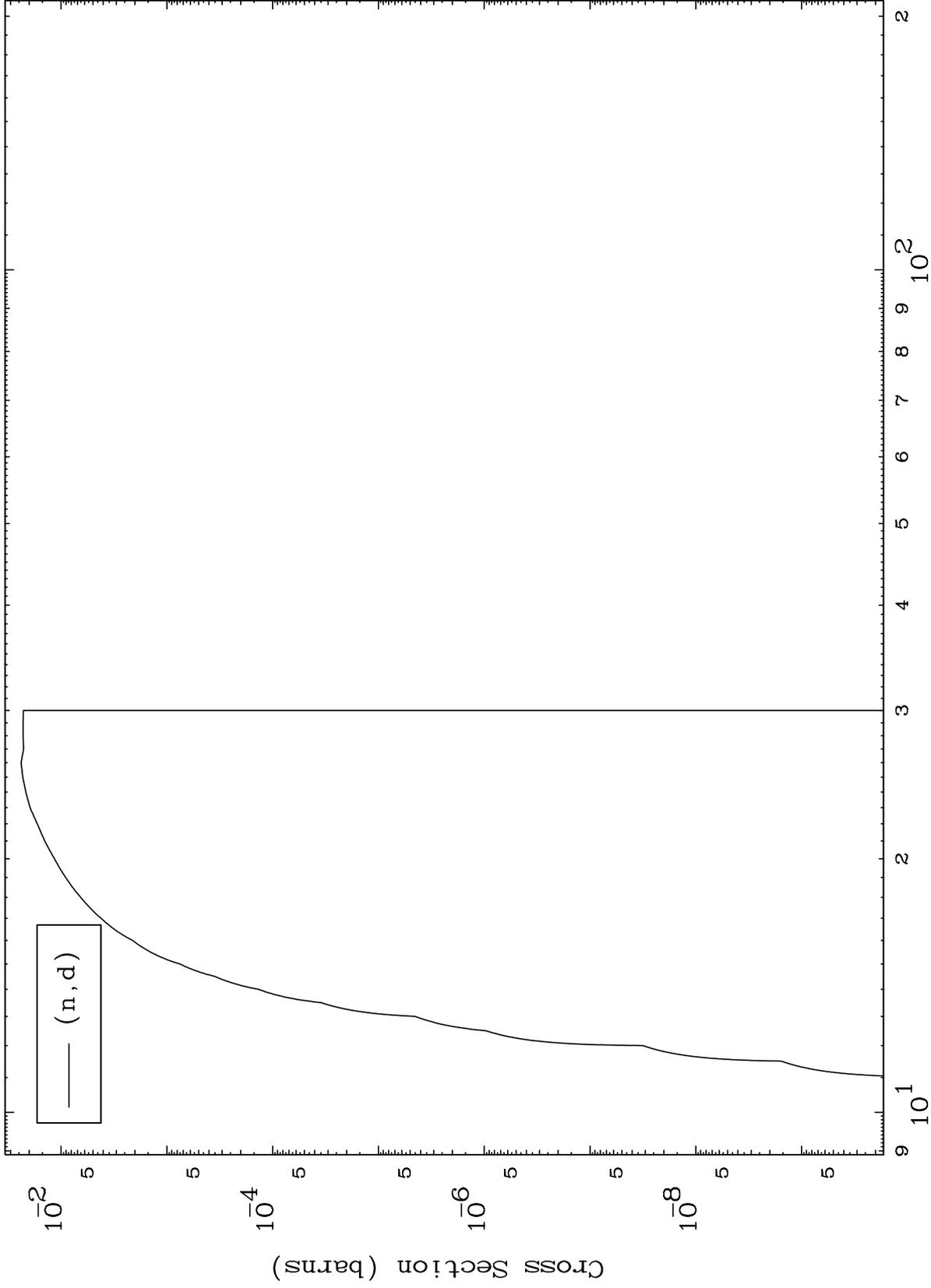
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³⁴Se-80

MAT 3443

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-80



11

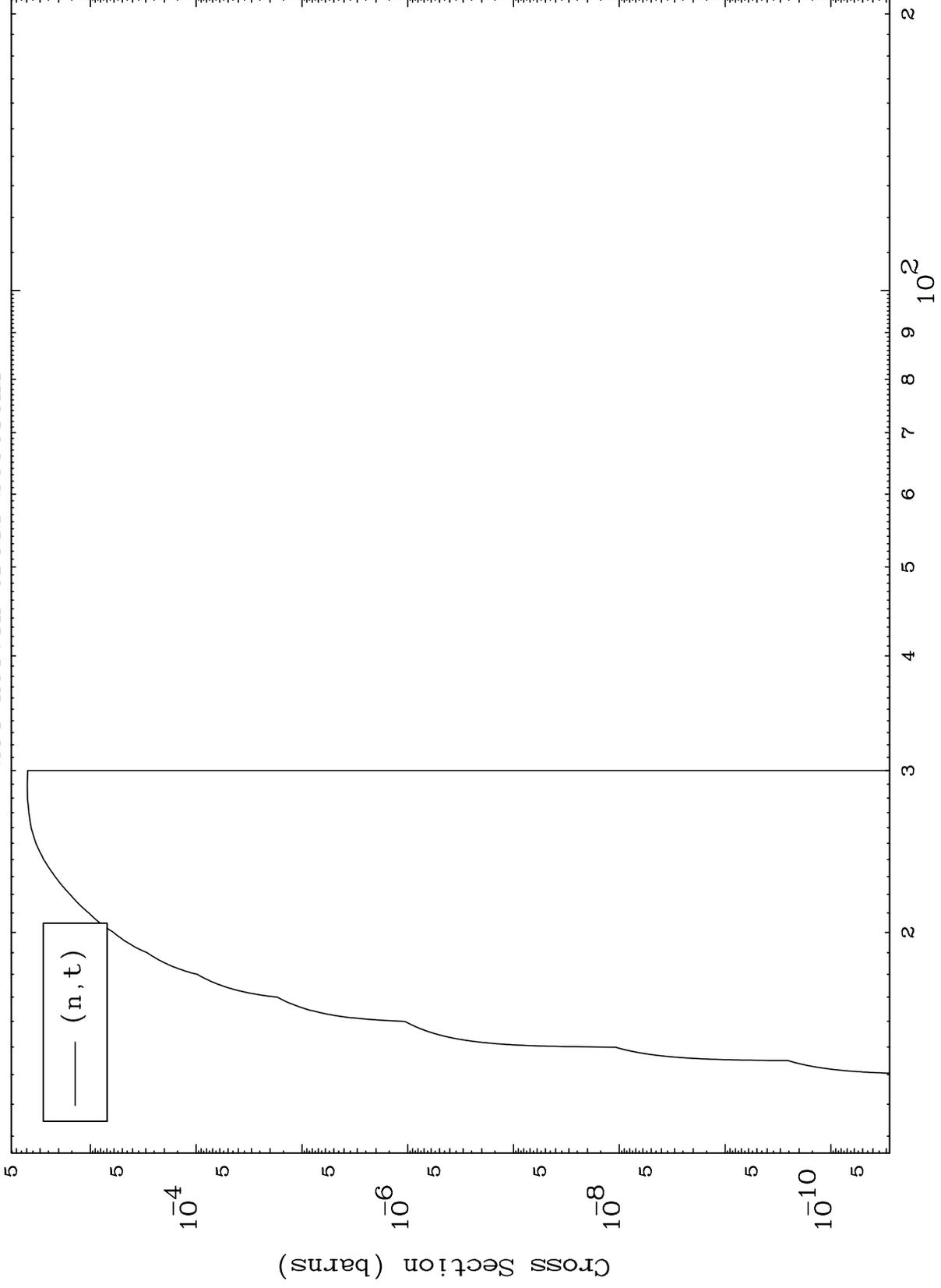
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³⁴Se-80

MAT 3443

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-80



12

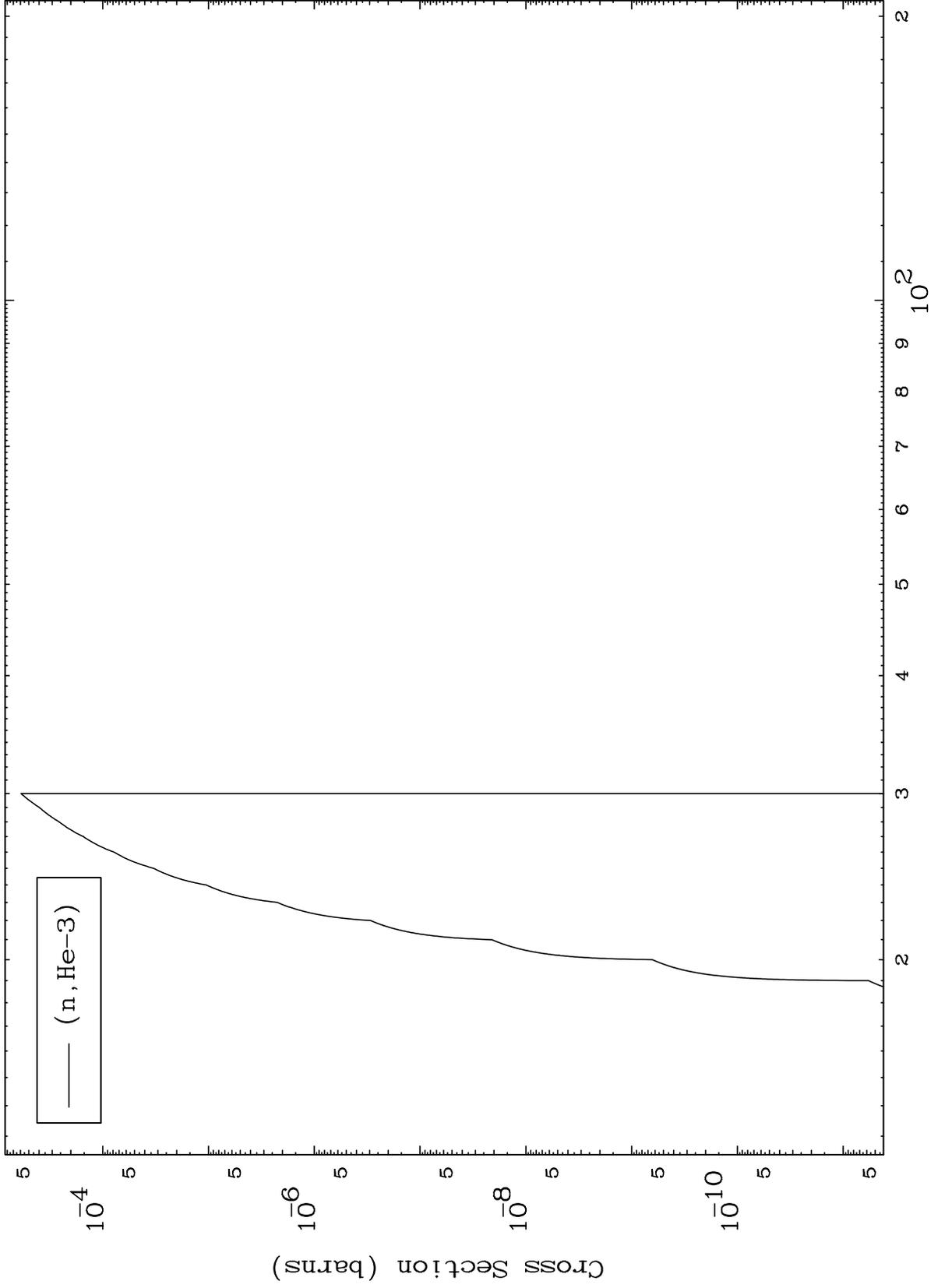
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MAT 3443

(n,He3) Levels
293 Kelvin Cross Sections

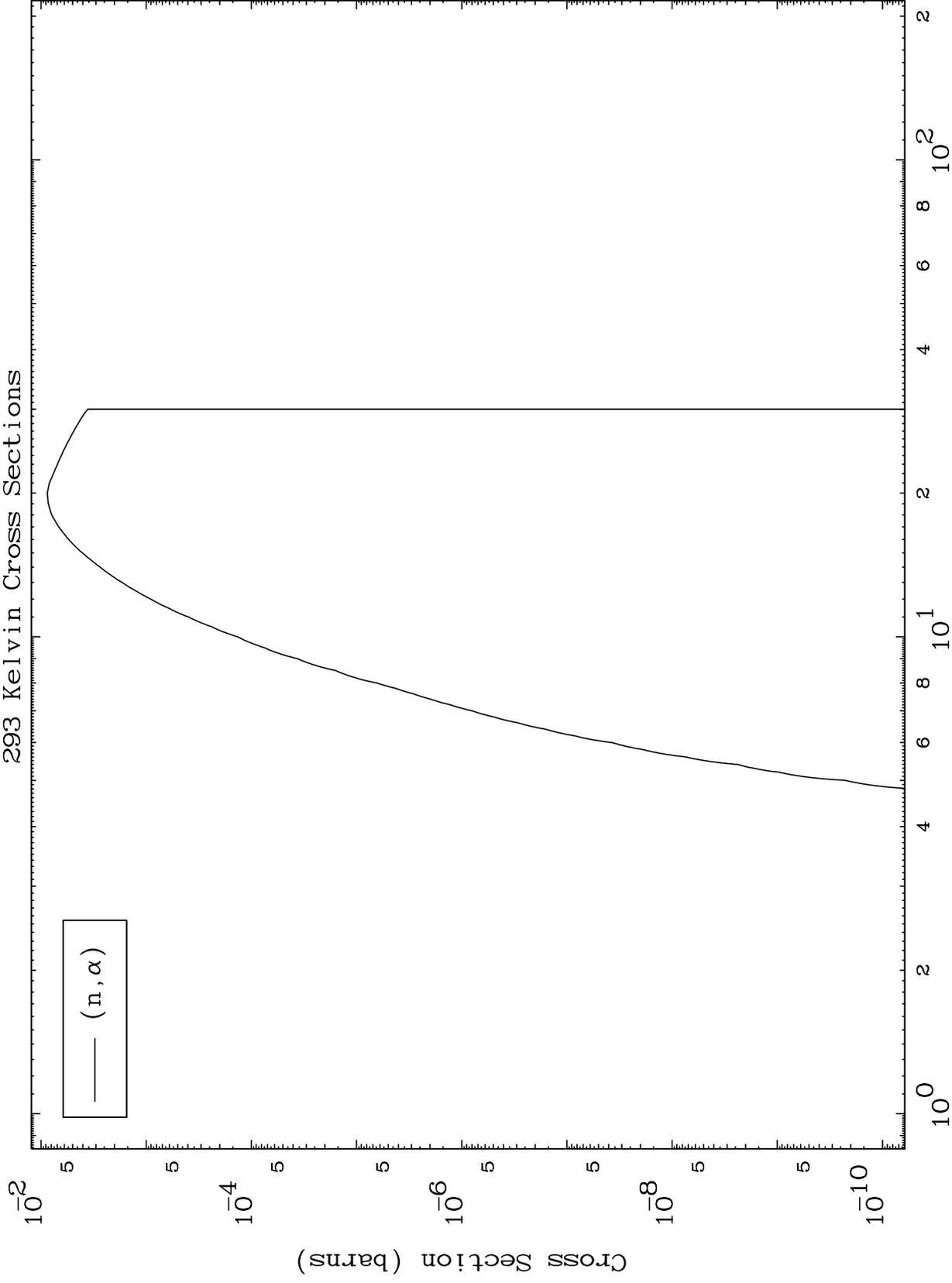
34-Se-80



MAT 3443

(n, α) Levels
293 Kelvin Cross Sections

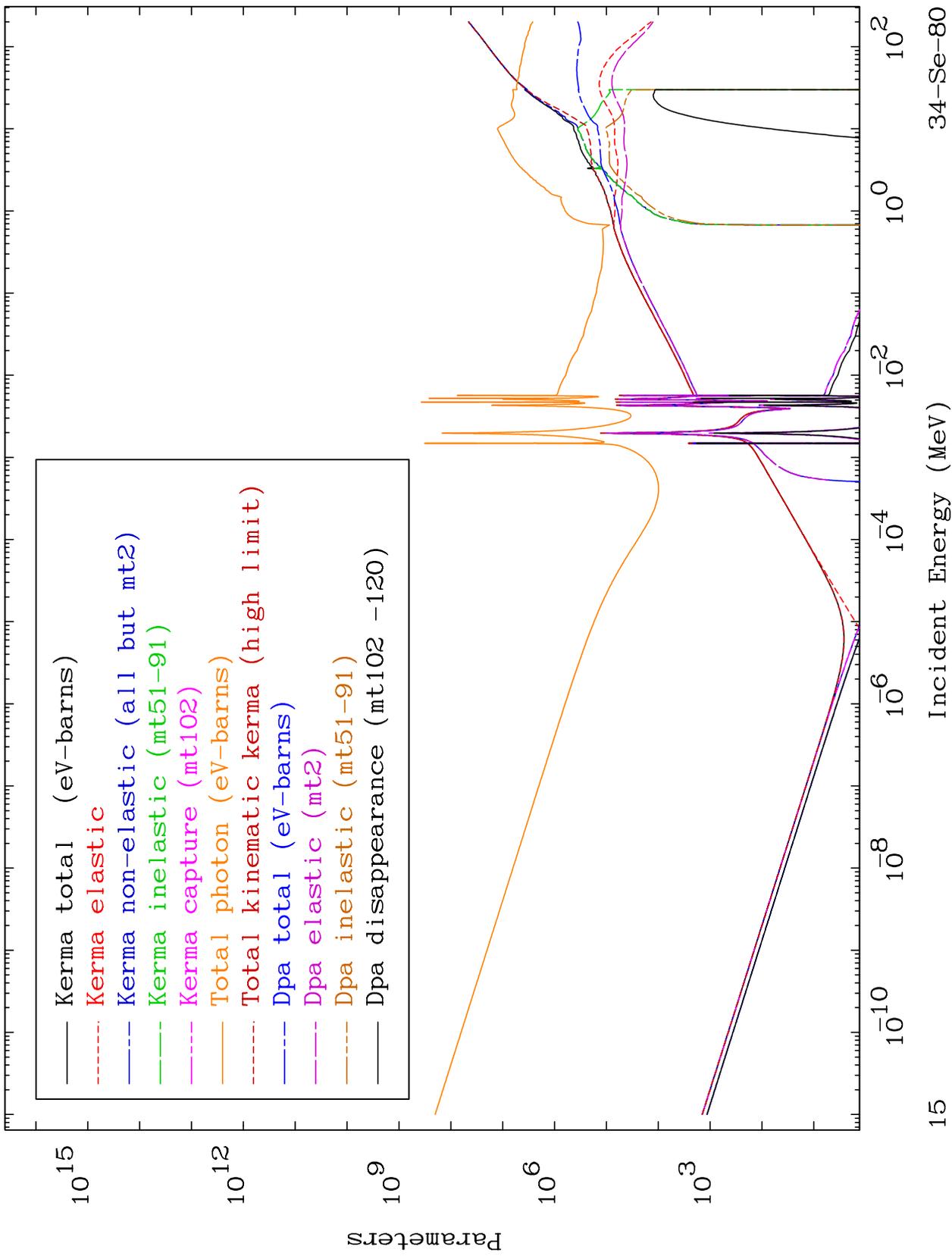
34-Se-80



Incident Energy (MeV)

34-Se-80

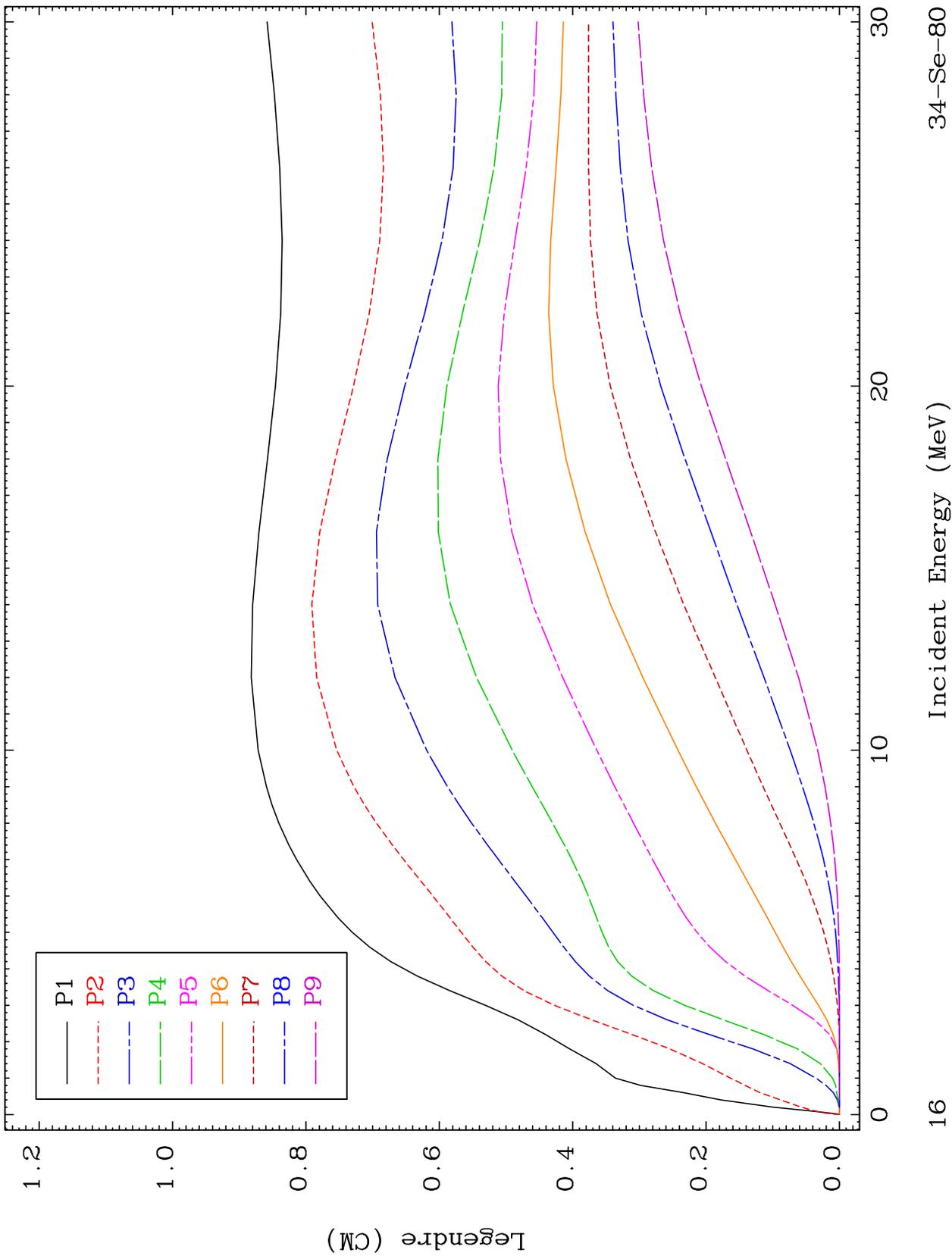
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MAT 3443

Elastic Legendre Coefficients

³⁴Se-80



16

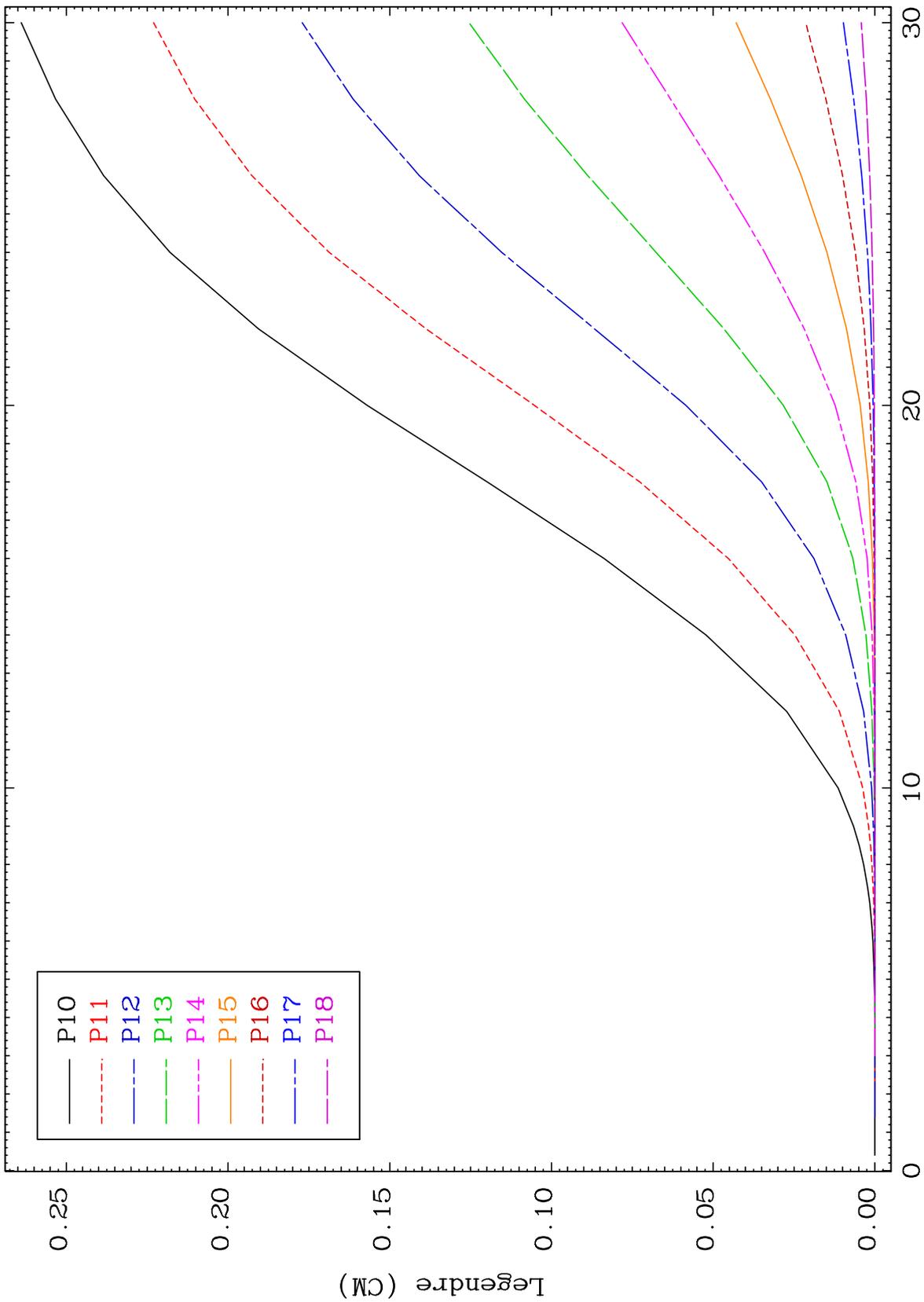
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³⁴Se-80

MAT 3443

Elastic Legendre Coefficients

³⁴Se-80



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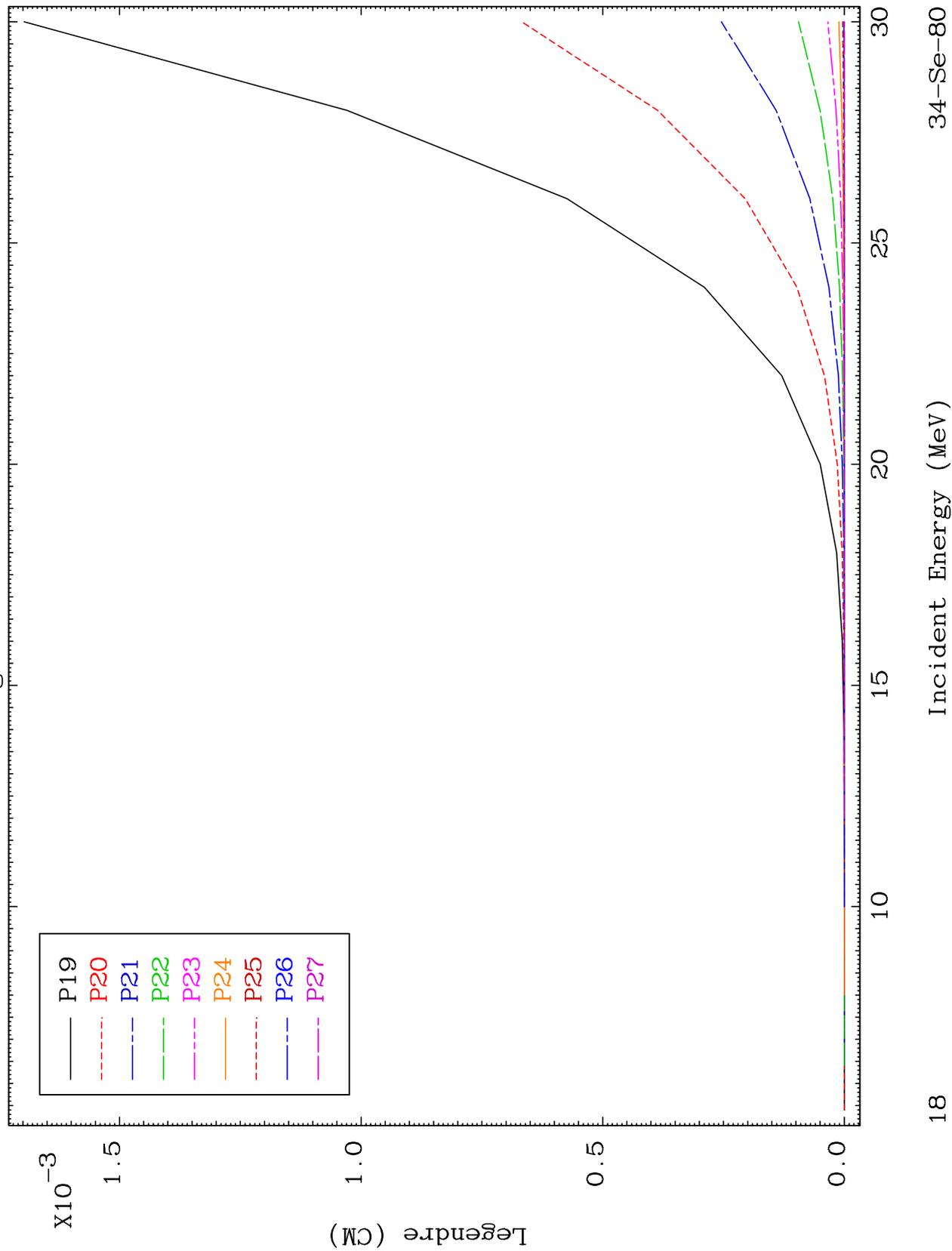
Incident Energy (MeV)

³⁴Se-80

MAT 3443

Elastic Legendre Coefficients

³⁴Se-80



18

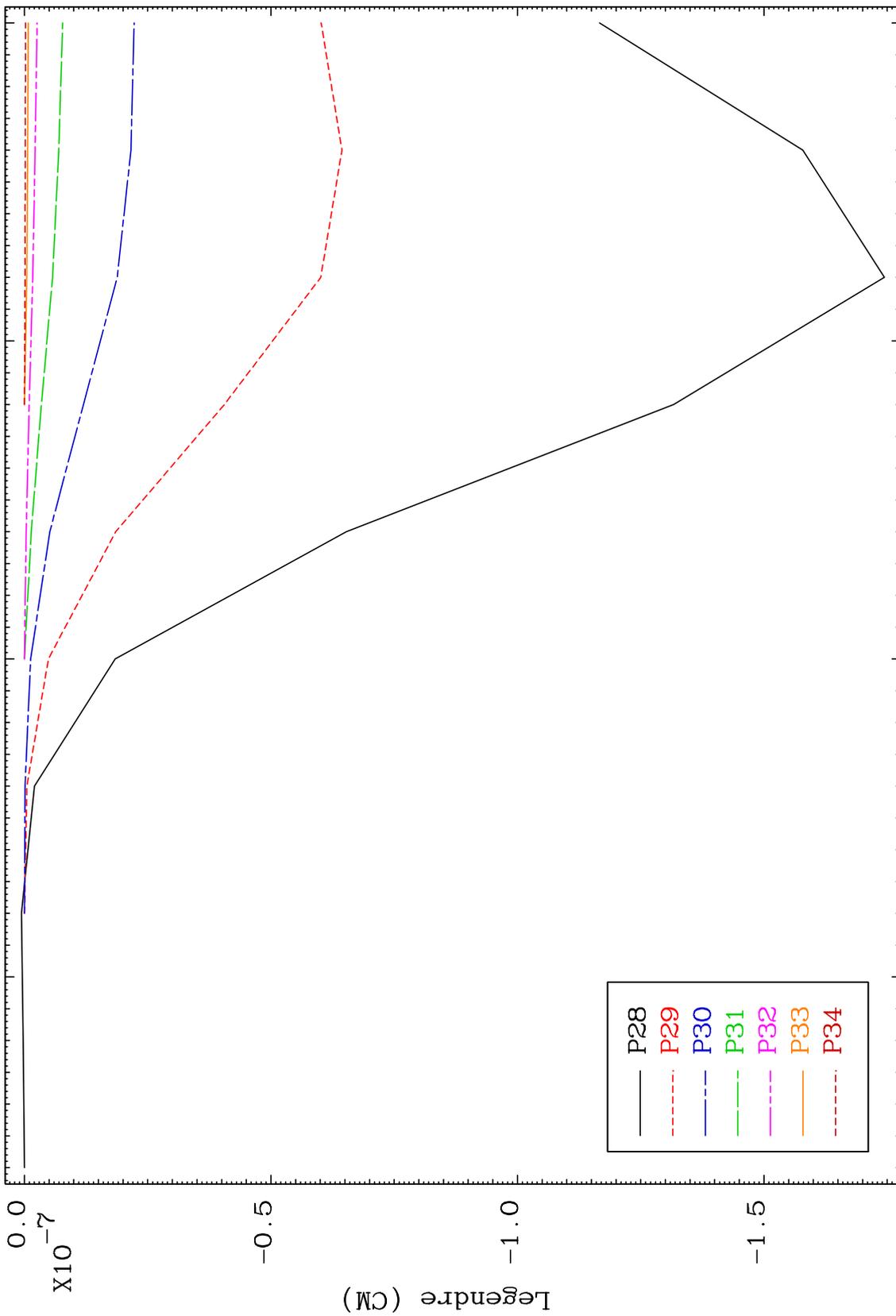
Incident Energy (MeV)

³⁴Se-80

MAT 3443

³⁴Se-80

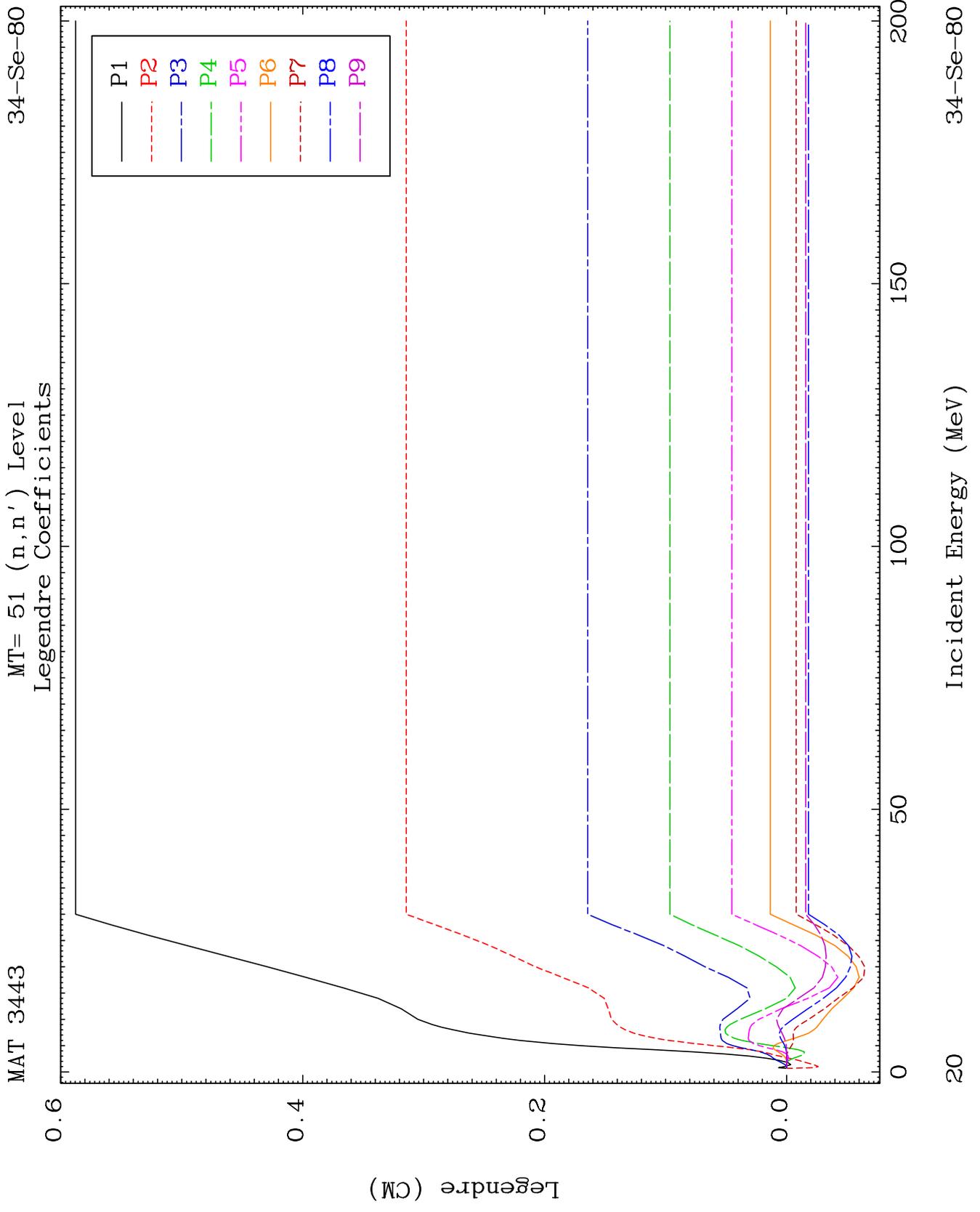
Elastic Legendre Coefficients



19

Incident Energy (MeV)

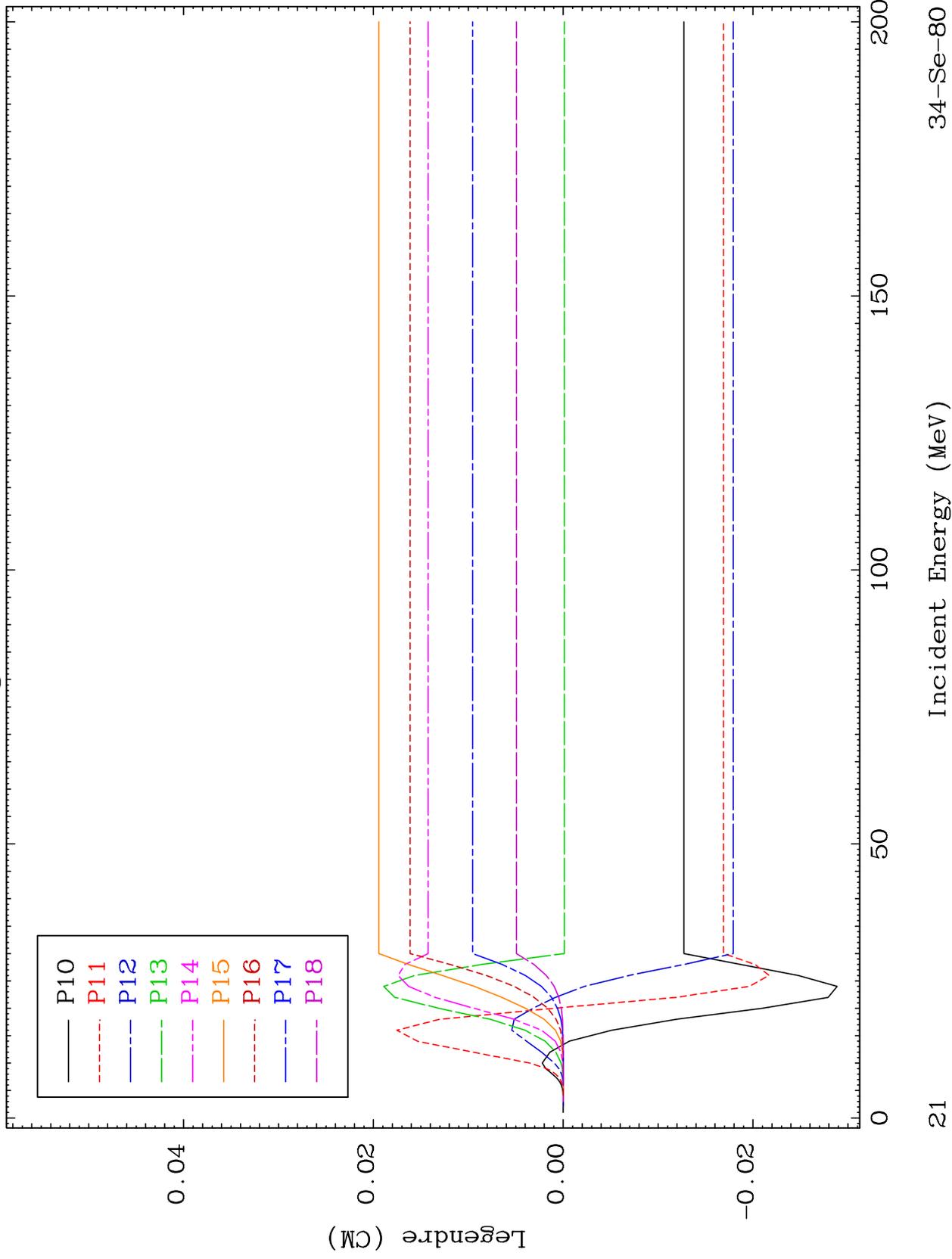
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MAT 3443

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

³⁴Se-80



21

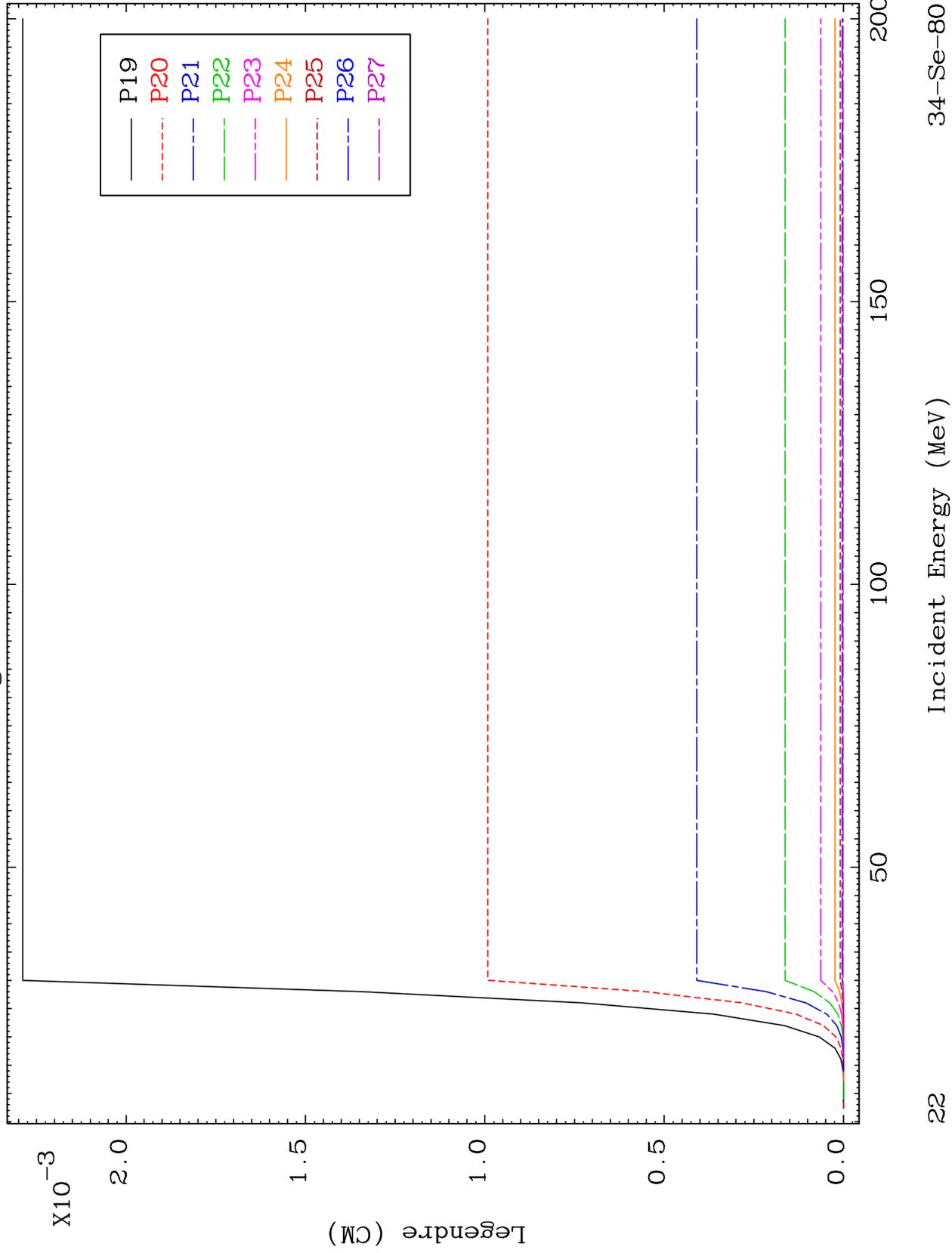
Incident Energy (MeV)

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MAT 3443

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

34-Se-80

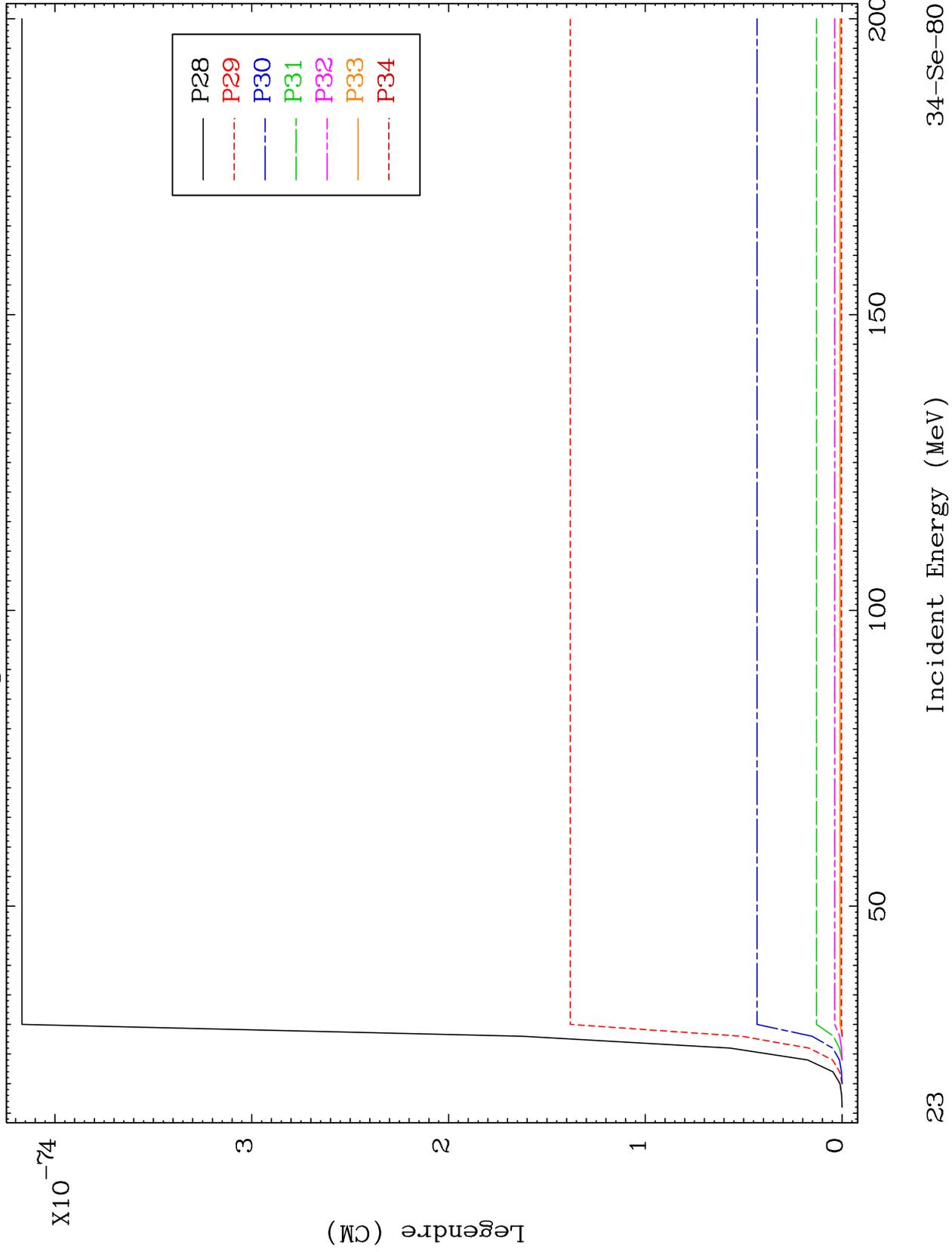


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MAT 3443

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

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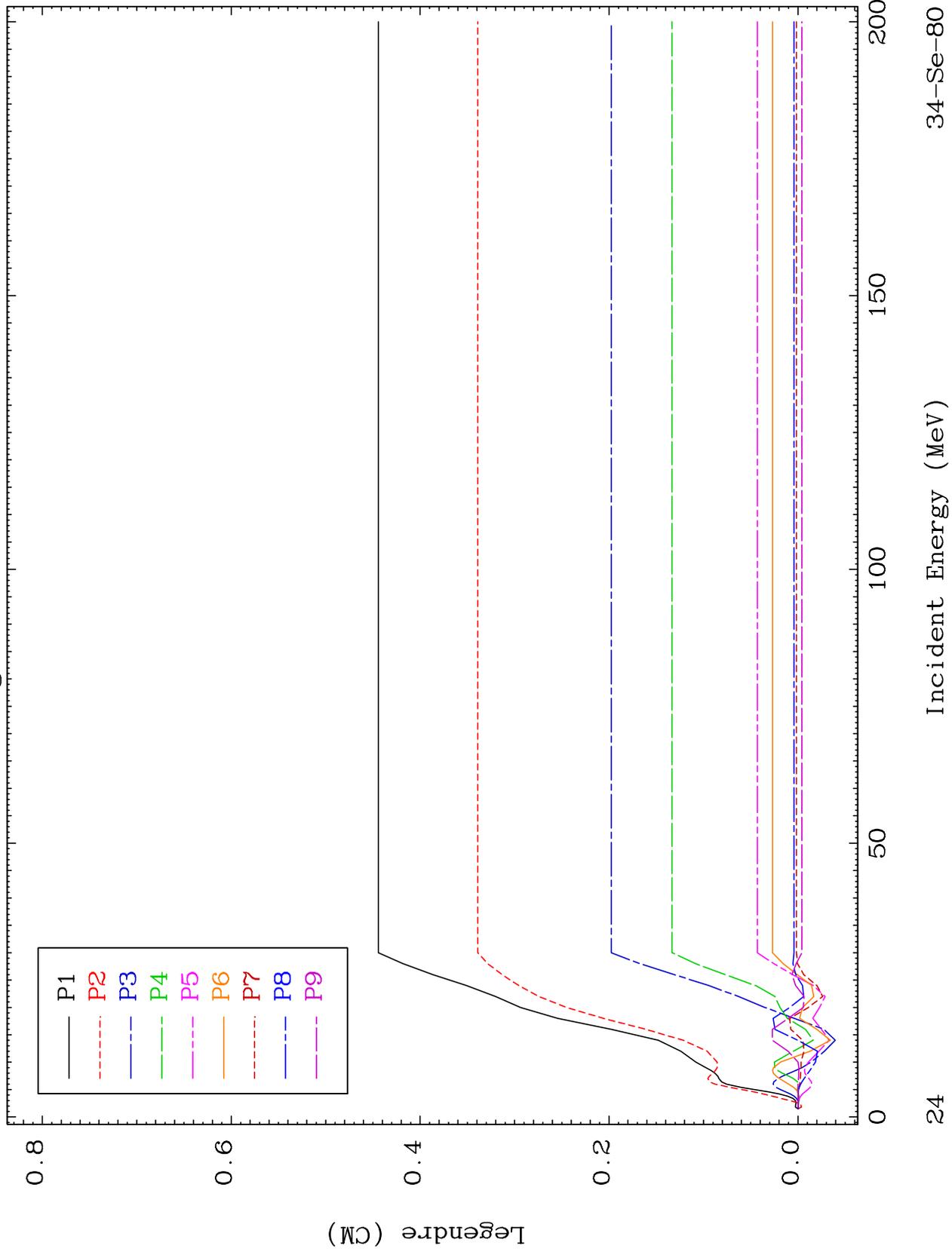
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MAT 3443

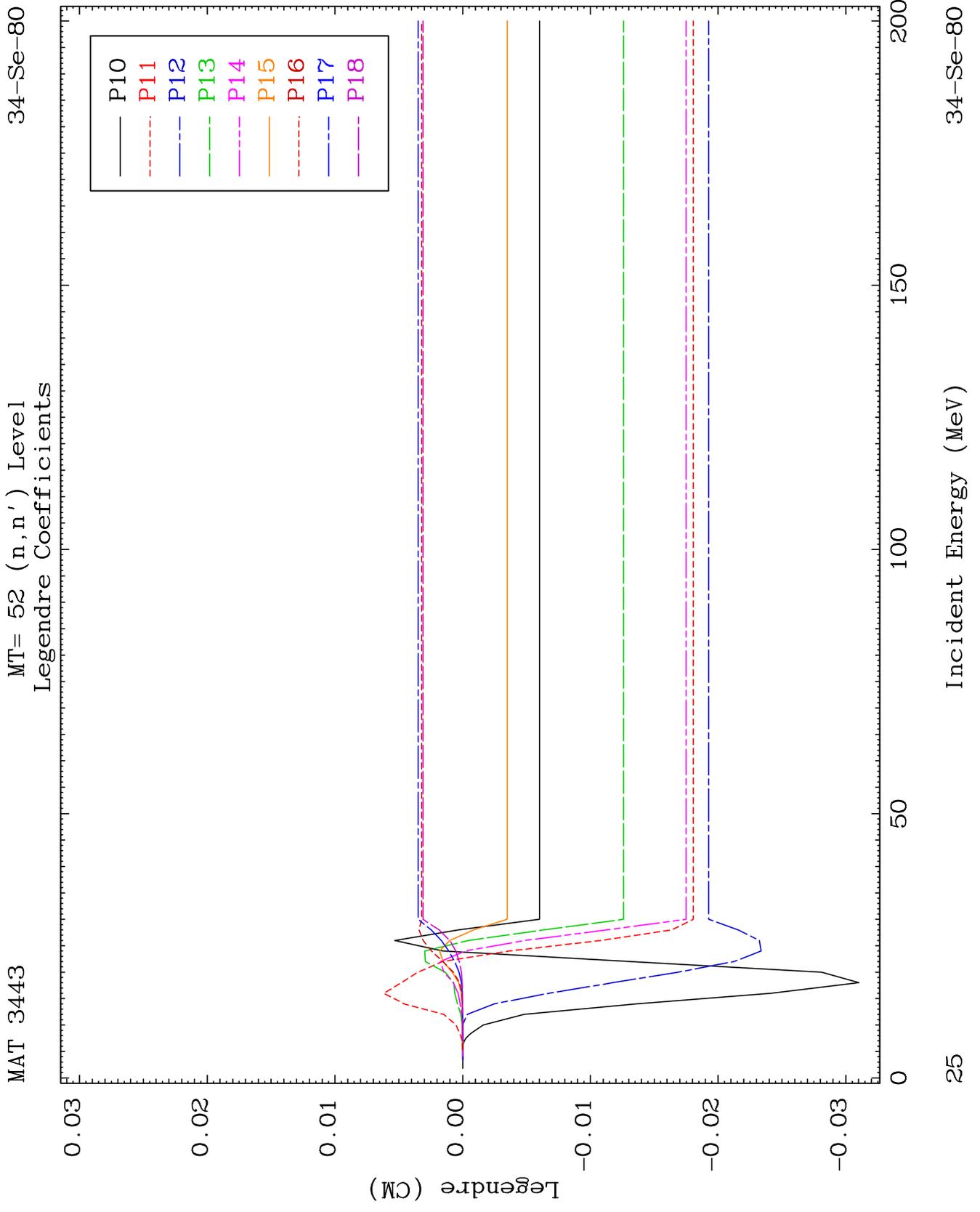
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Legendre Coefficients

³⁴Se-80



24

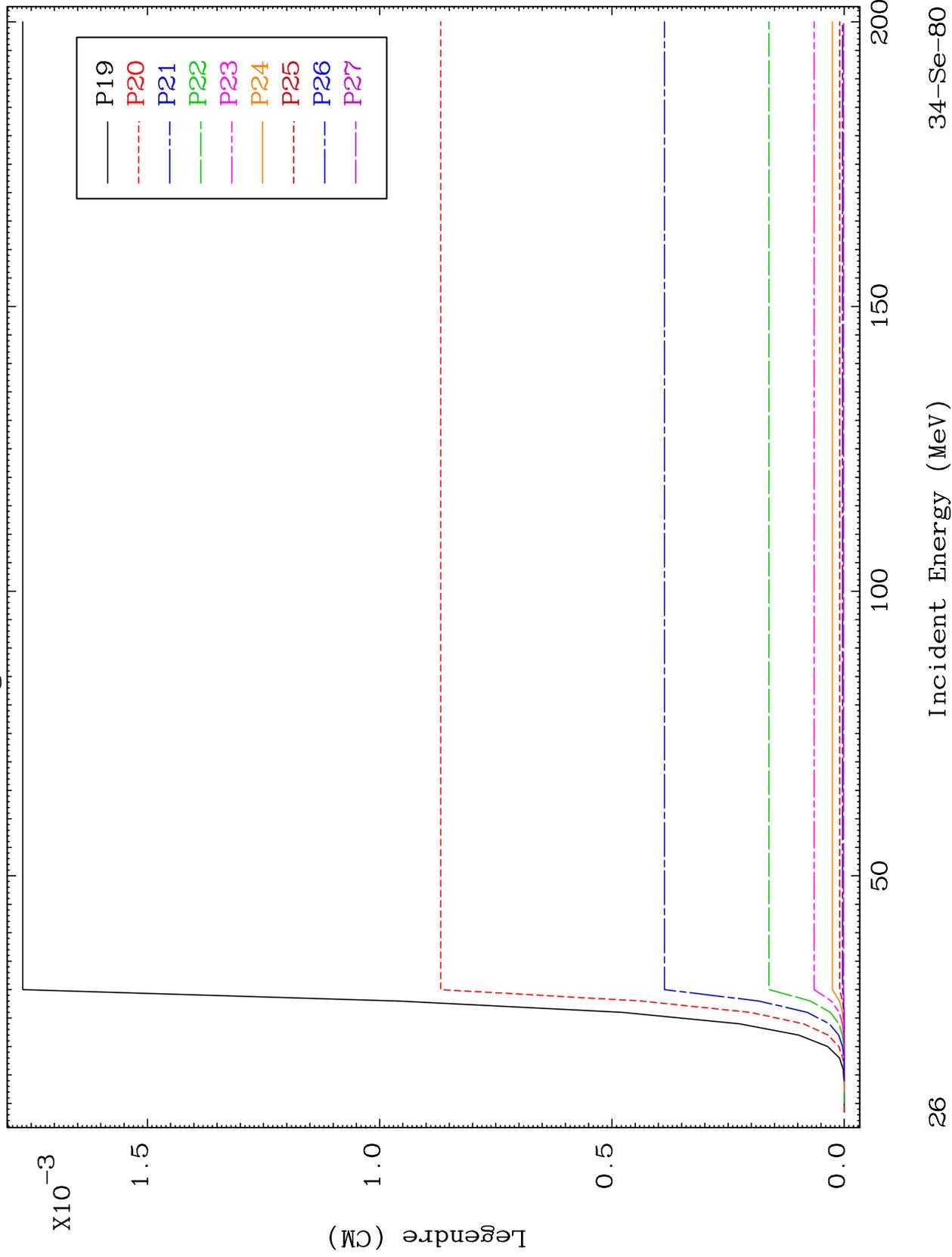
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MAT 3443

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

³⁴Se-80



26

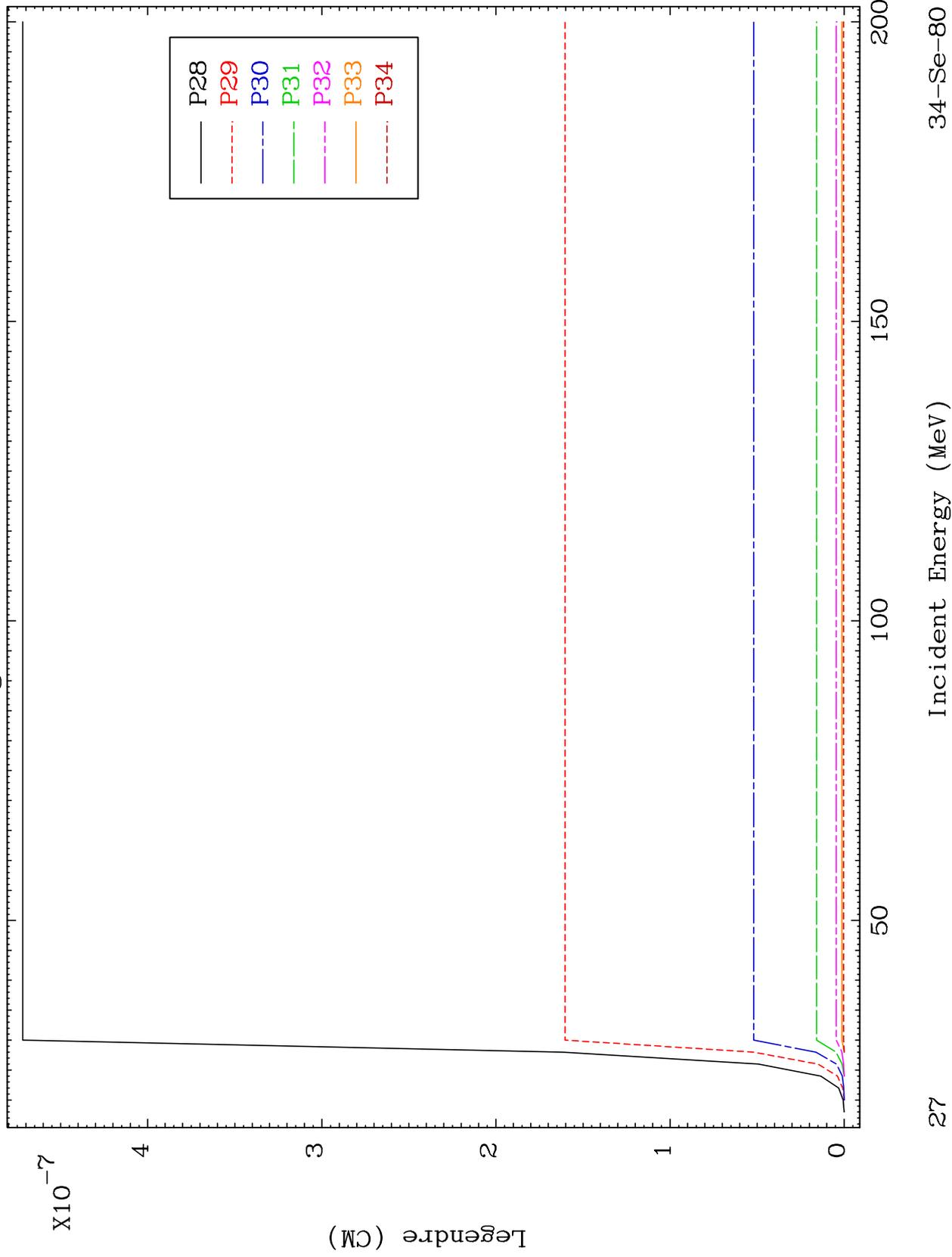
Incident Energy (MeV)

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MAT 3443

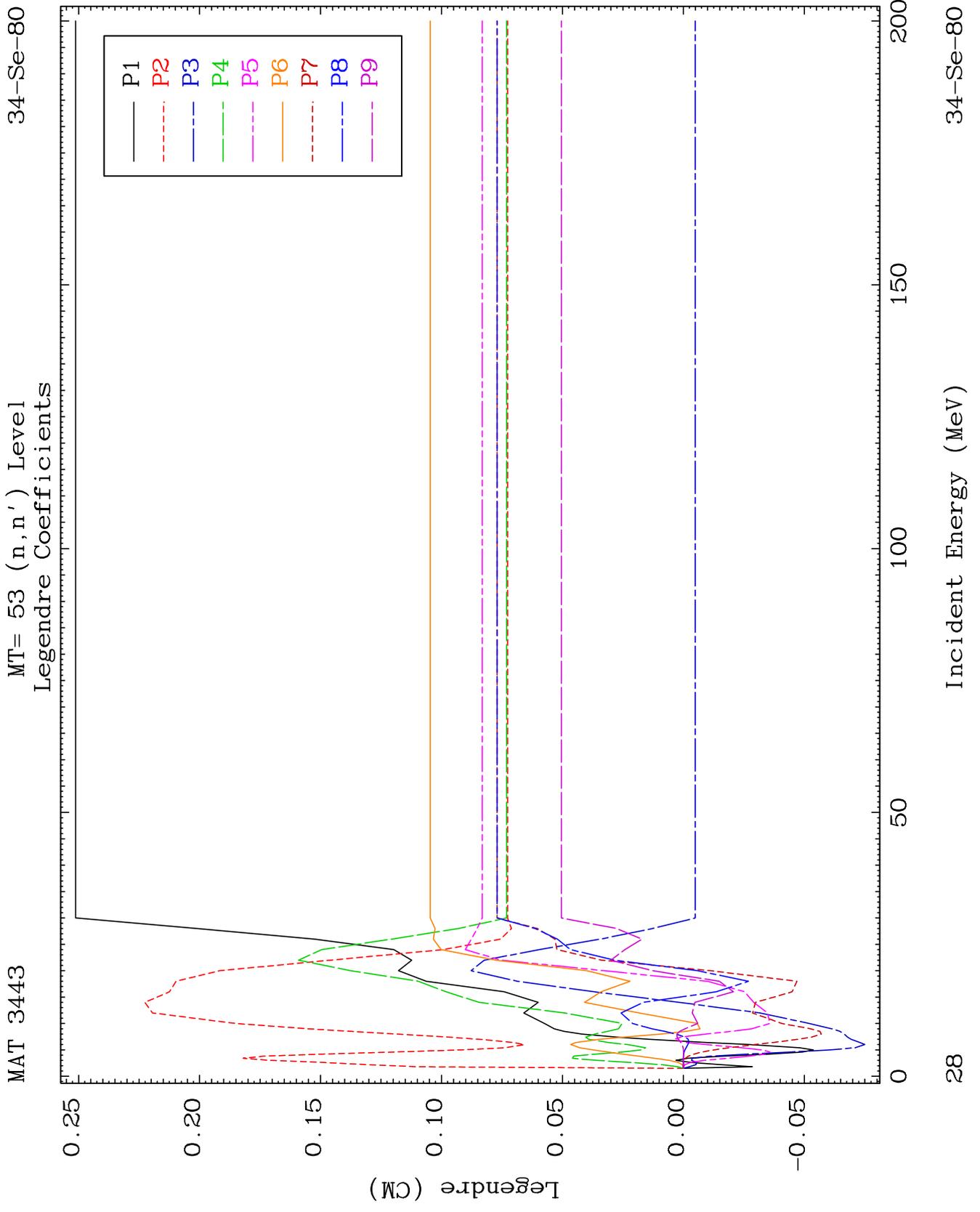
MT= 52 (n,n') Level
Legendre Coefficients

34-Se-80



27

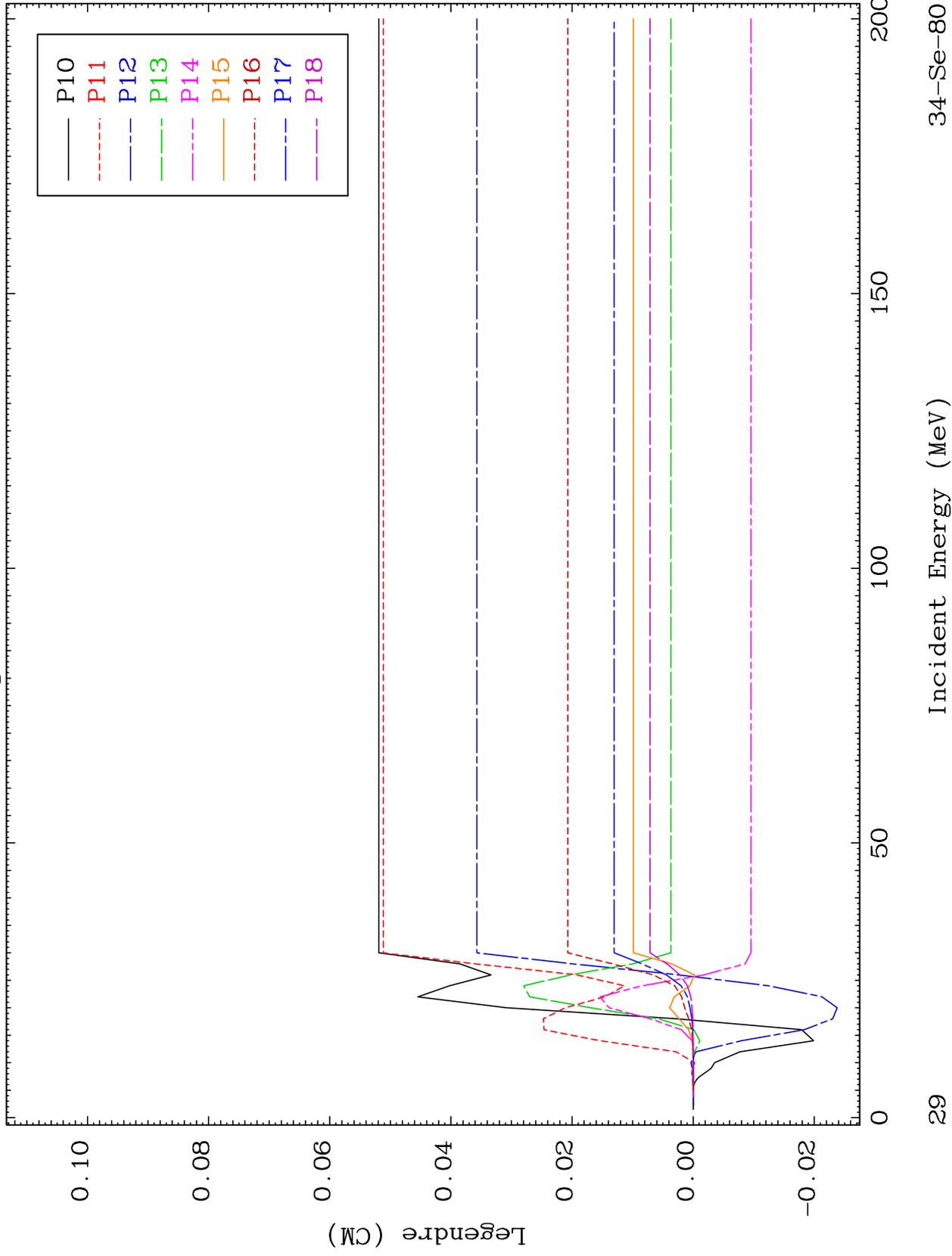
34-Se-80



MAT 3443

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

34-Se-80



34-Se-80

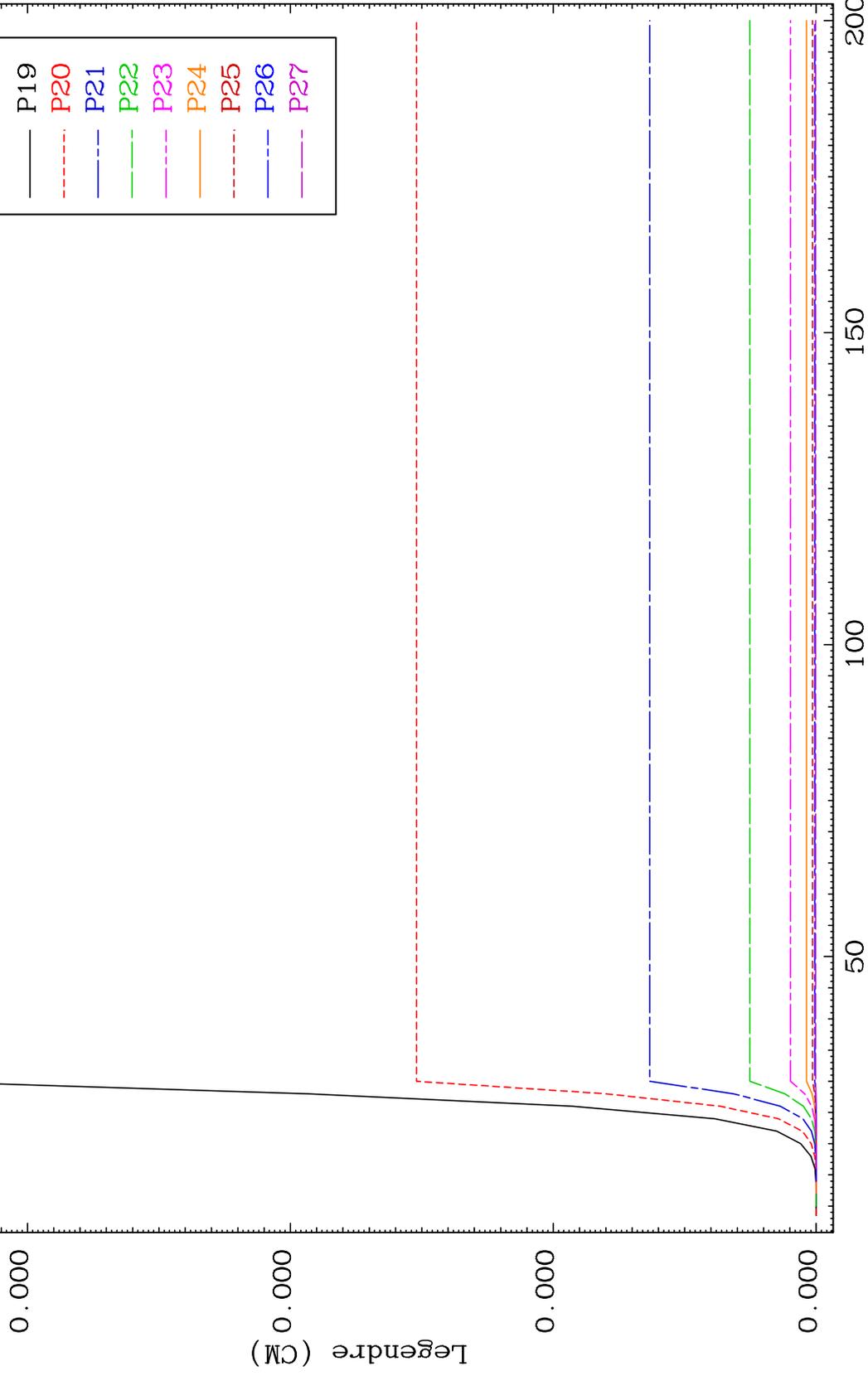
Incident Energy (MeV)

29

MAT 3443

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

34-Se-80



30

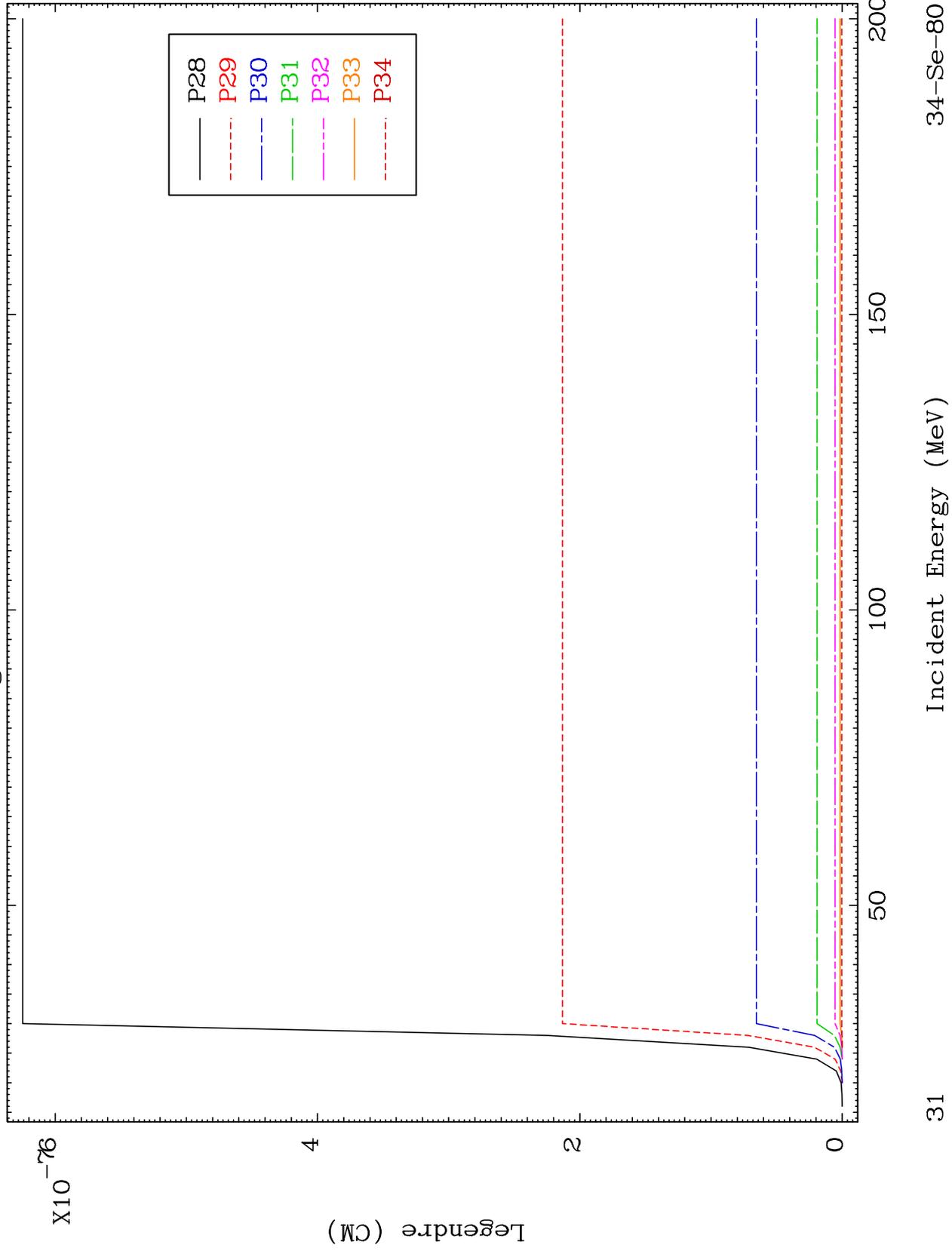
Incident Energy (MeV)

34-Se-80

MAT 3443

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

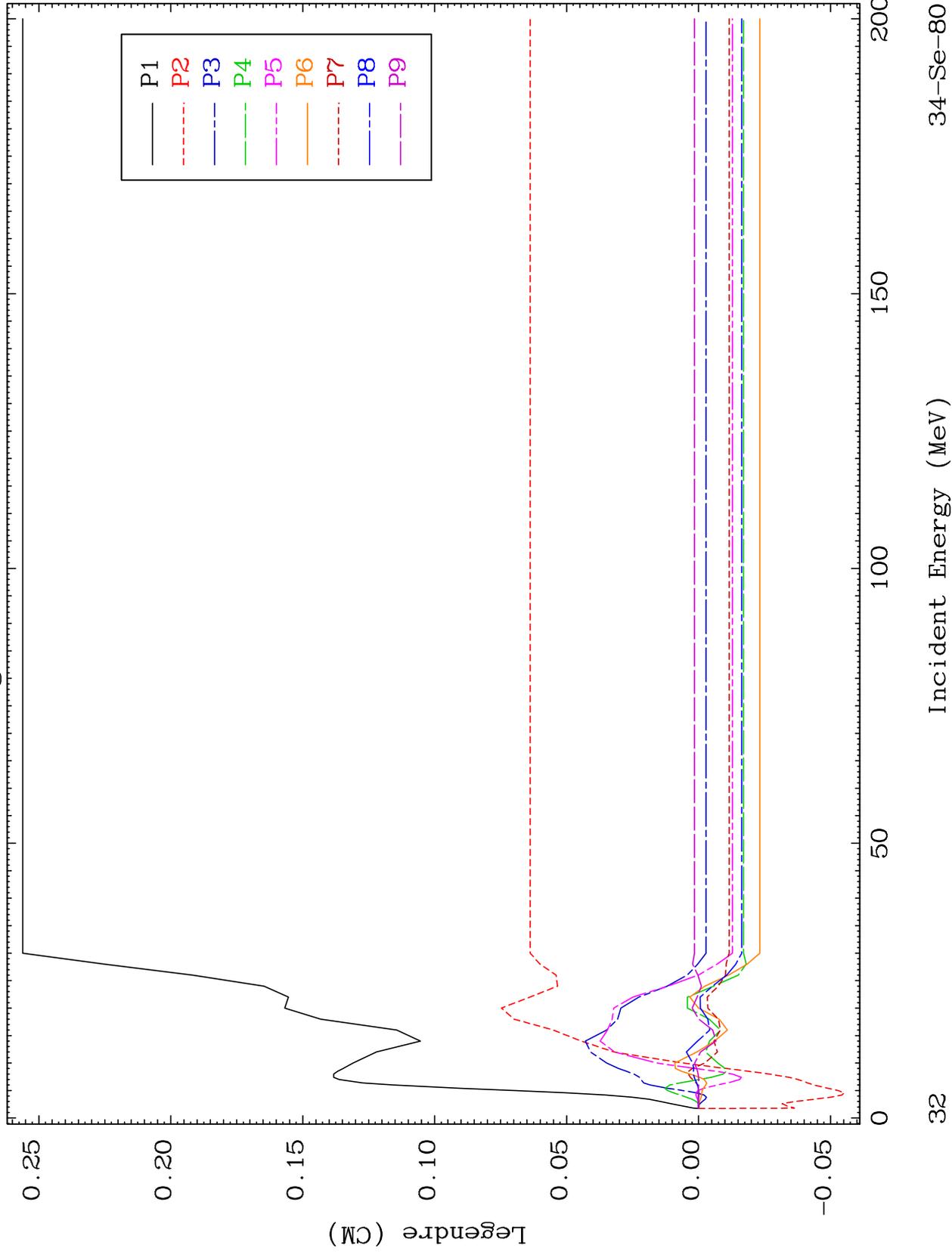
34-Se-80



MAT 3443

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

³⁴Se-80



³⁴Se-80

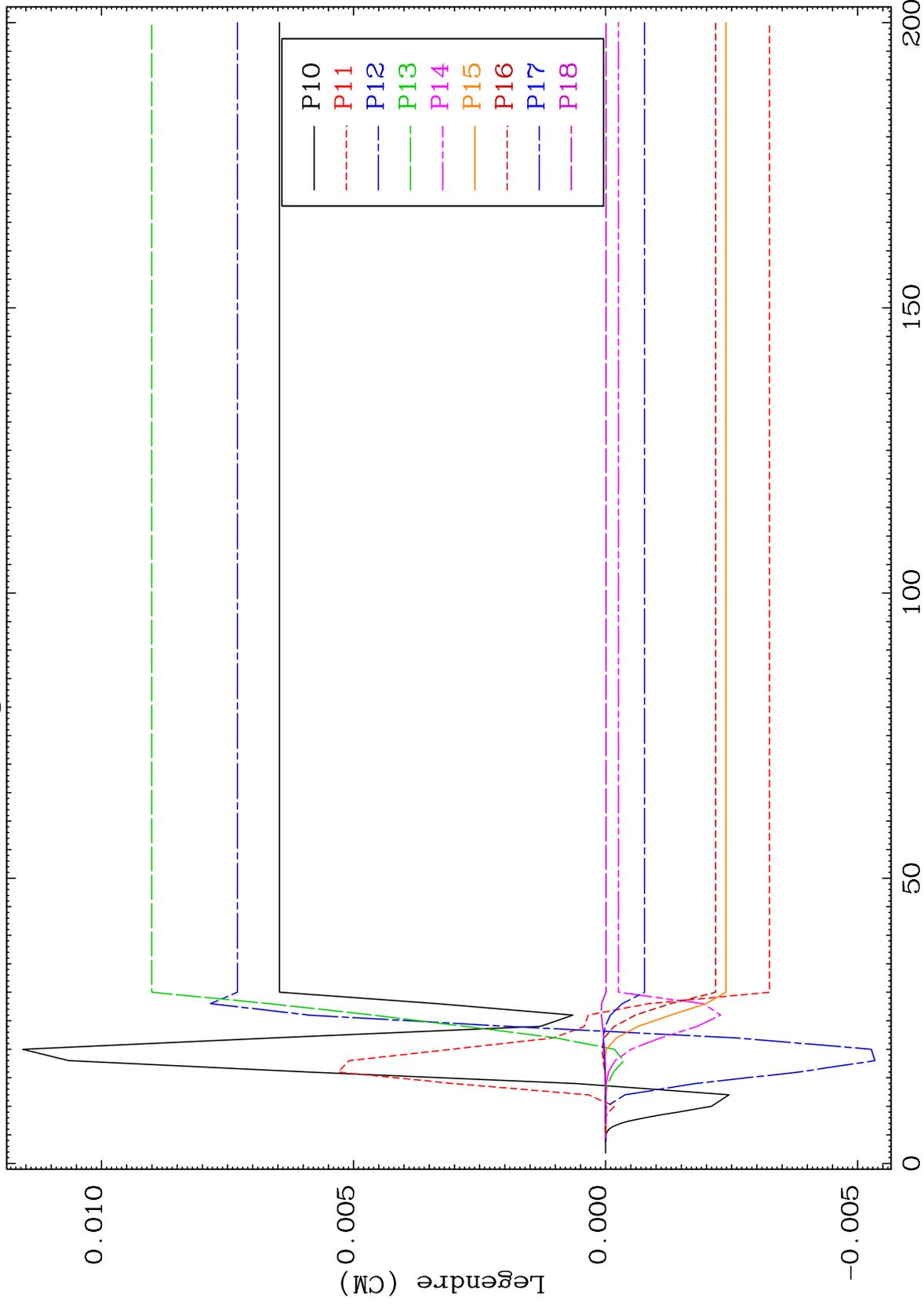
Incident Energy (MeV)

32

MAT 3443

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

34-Se-80



33

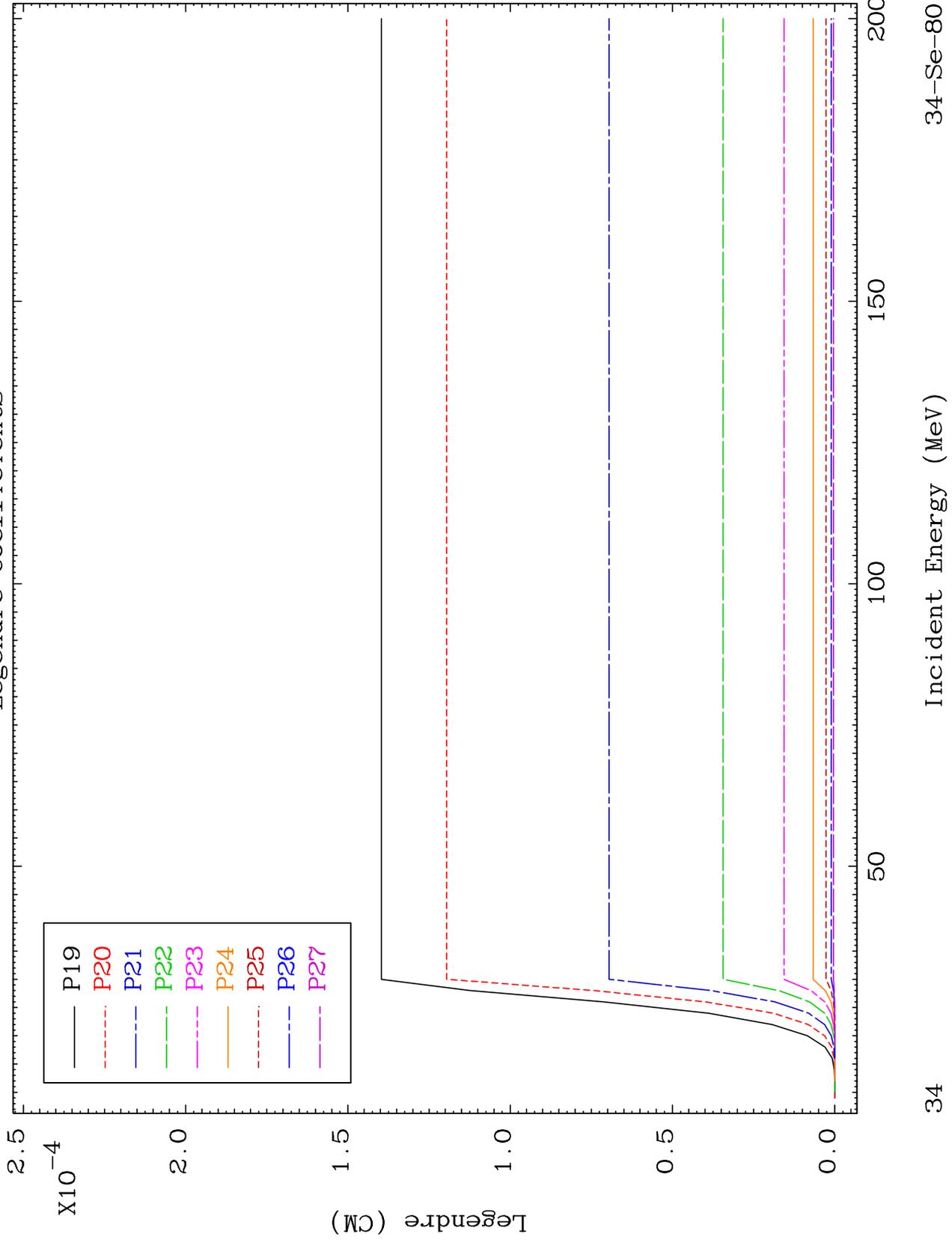
Incident Energy (MeV)

34-Se-80

MAT 3443

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

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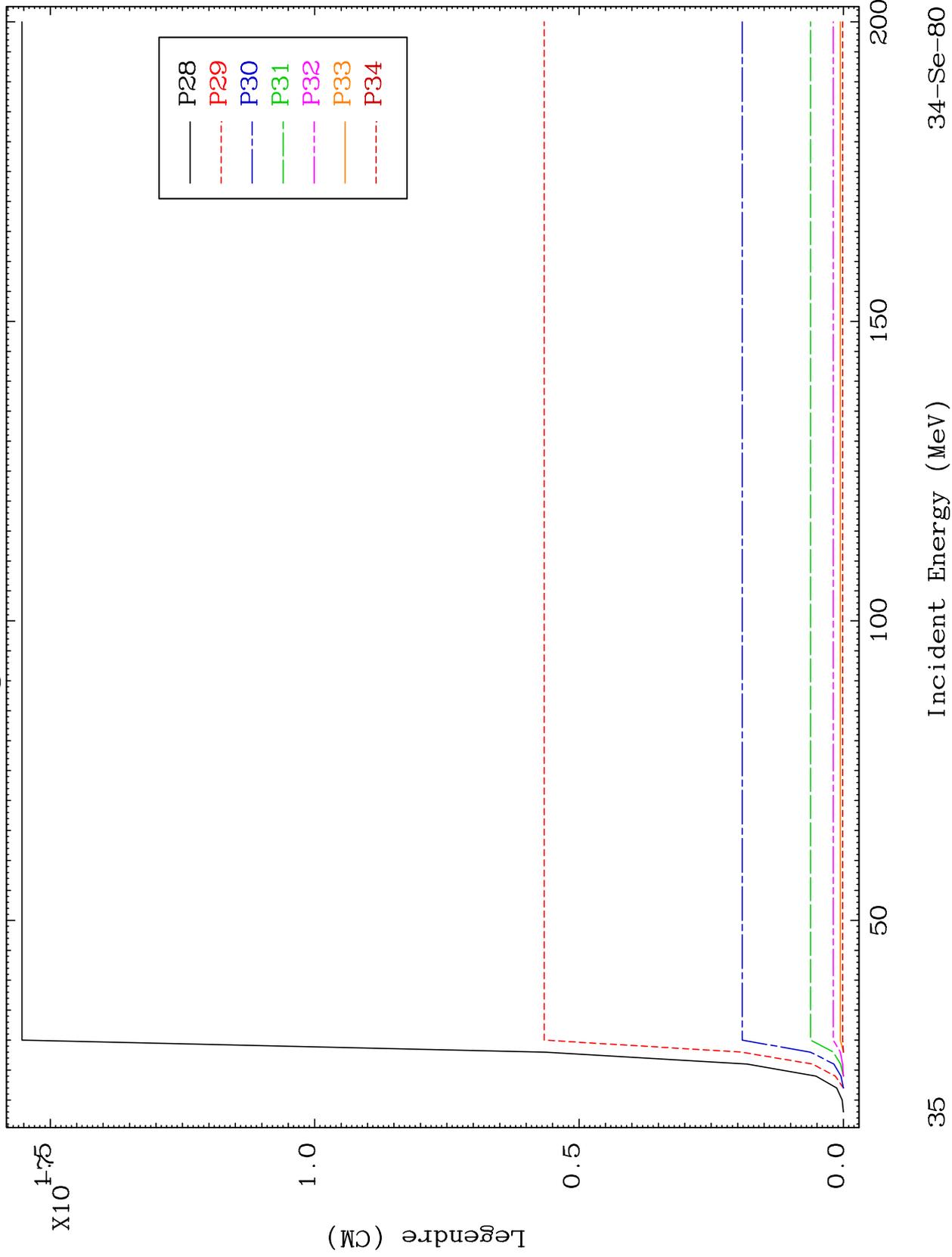


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MAT 3443

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

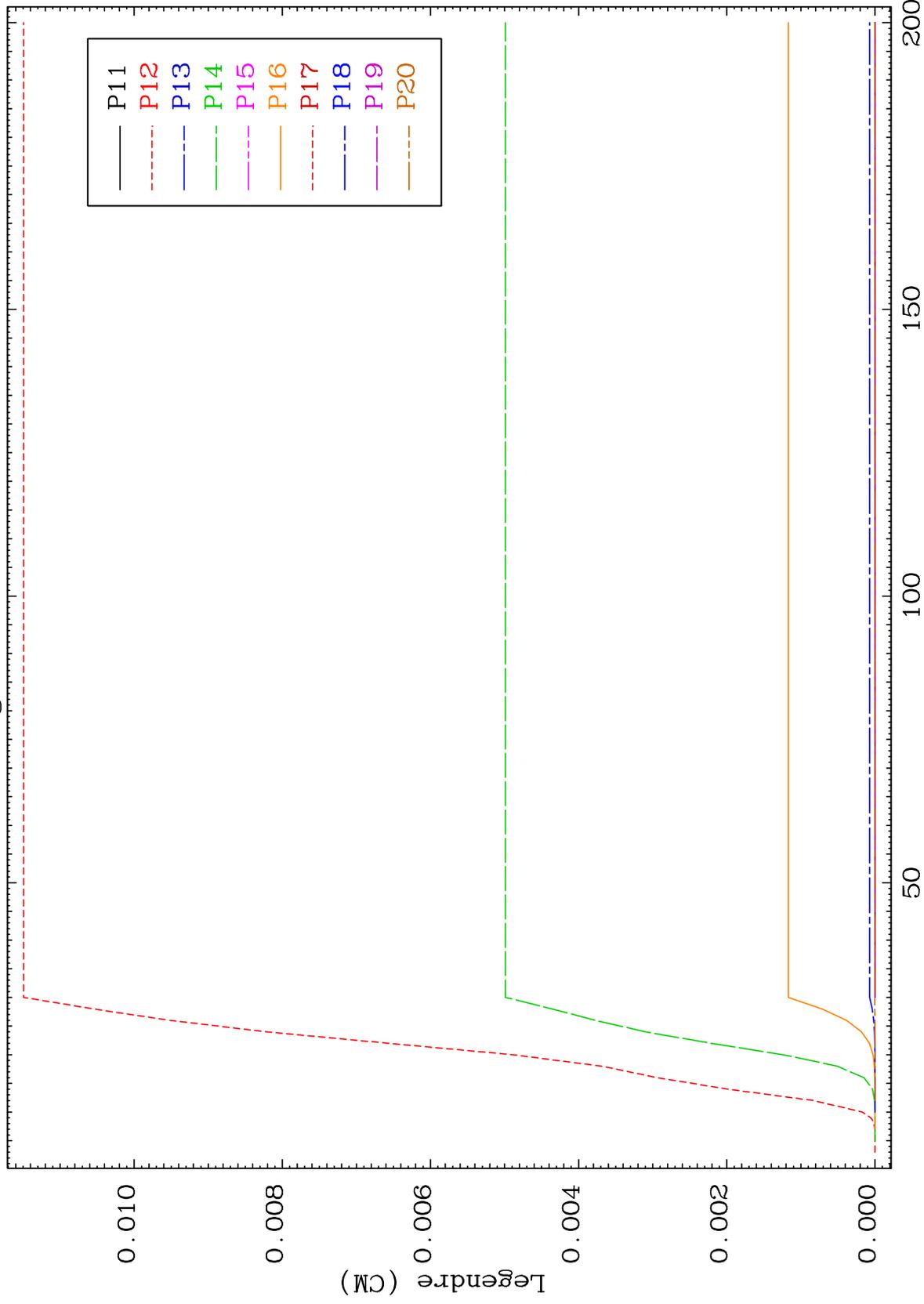
34-Se-80



MAT 3443

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

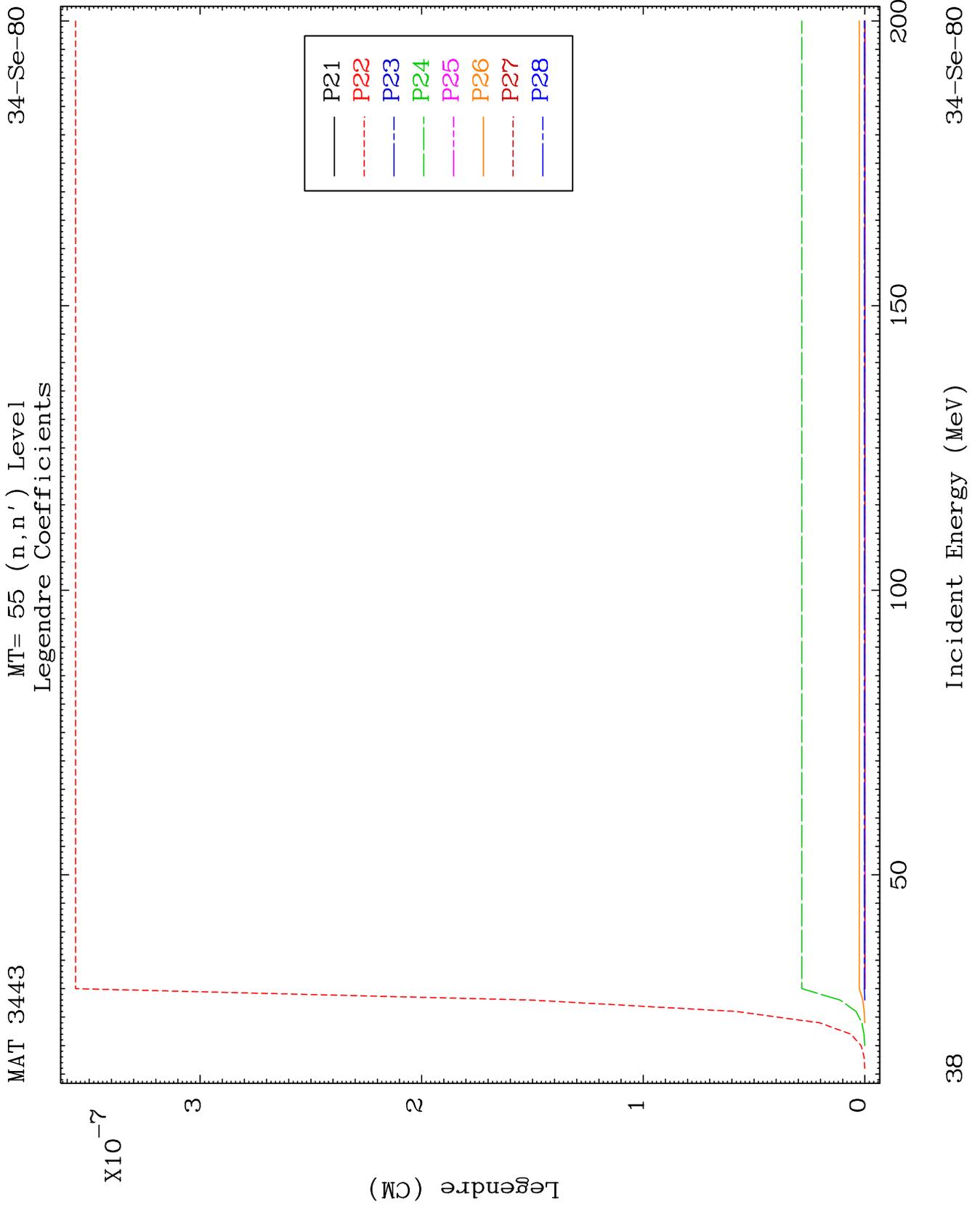
³⁴Se-80



37

Incident Energy (MeV)

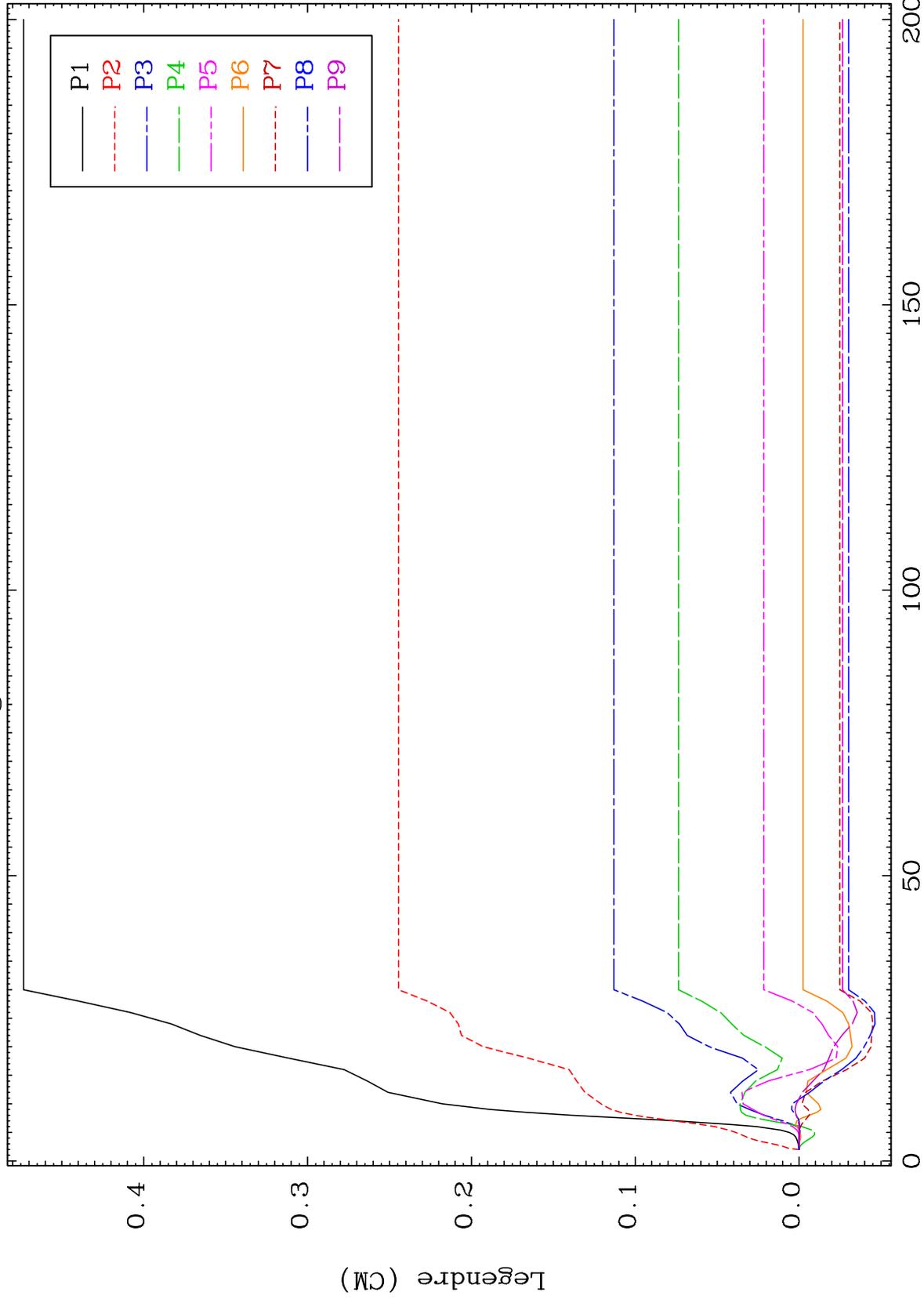
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MAT 3443

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

³⁴Se-80



39

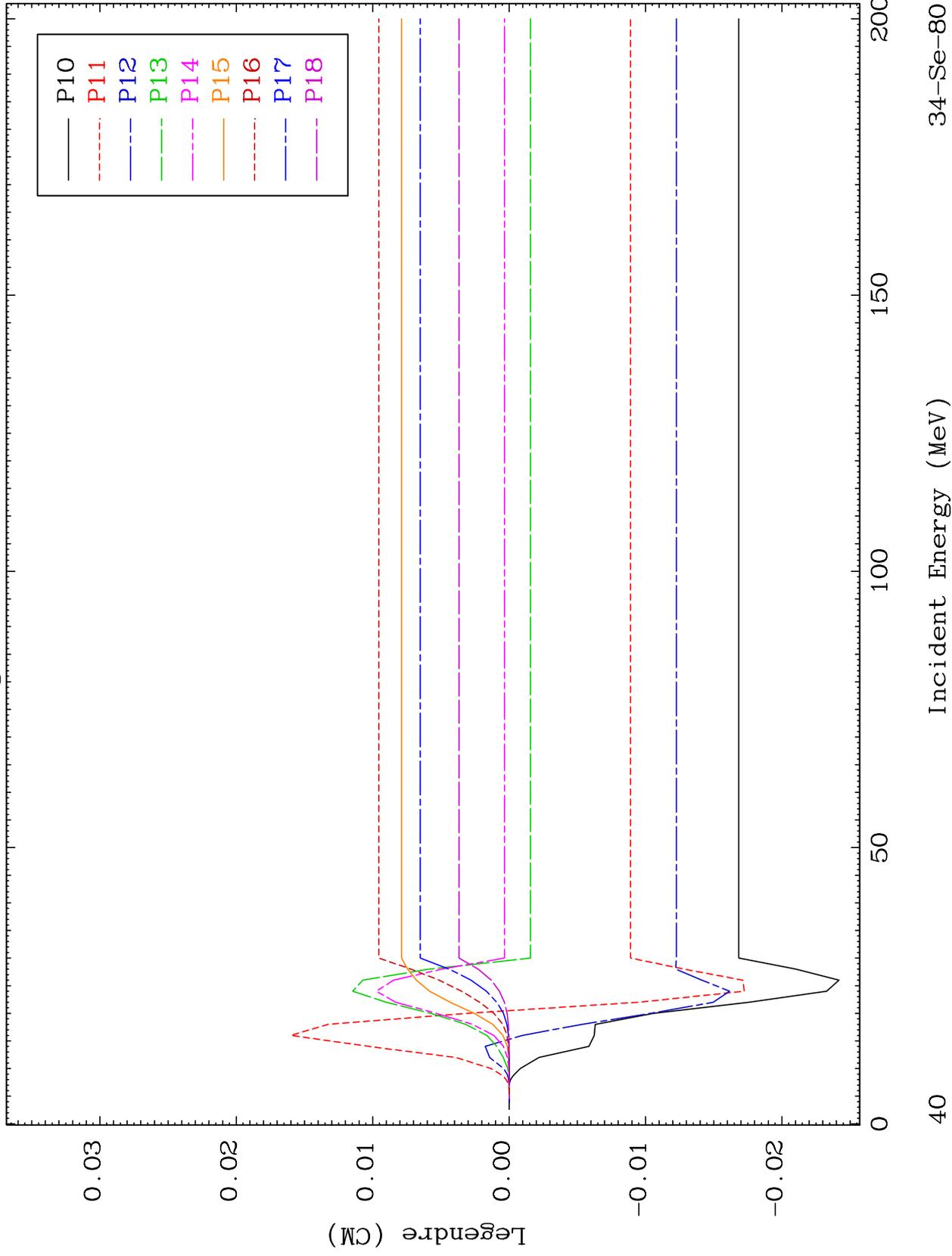
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



³⁴Se-80

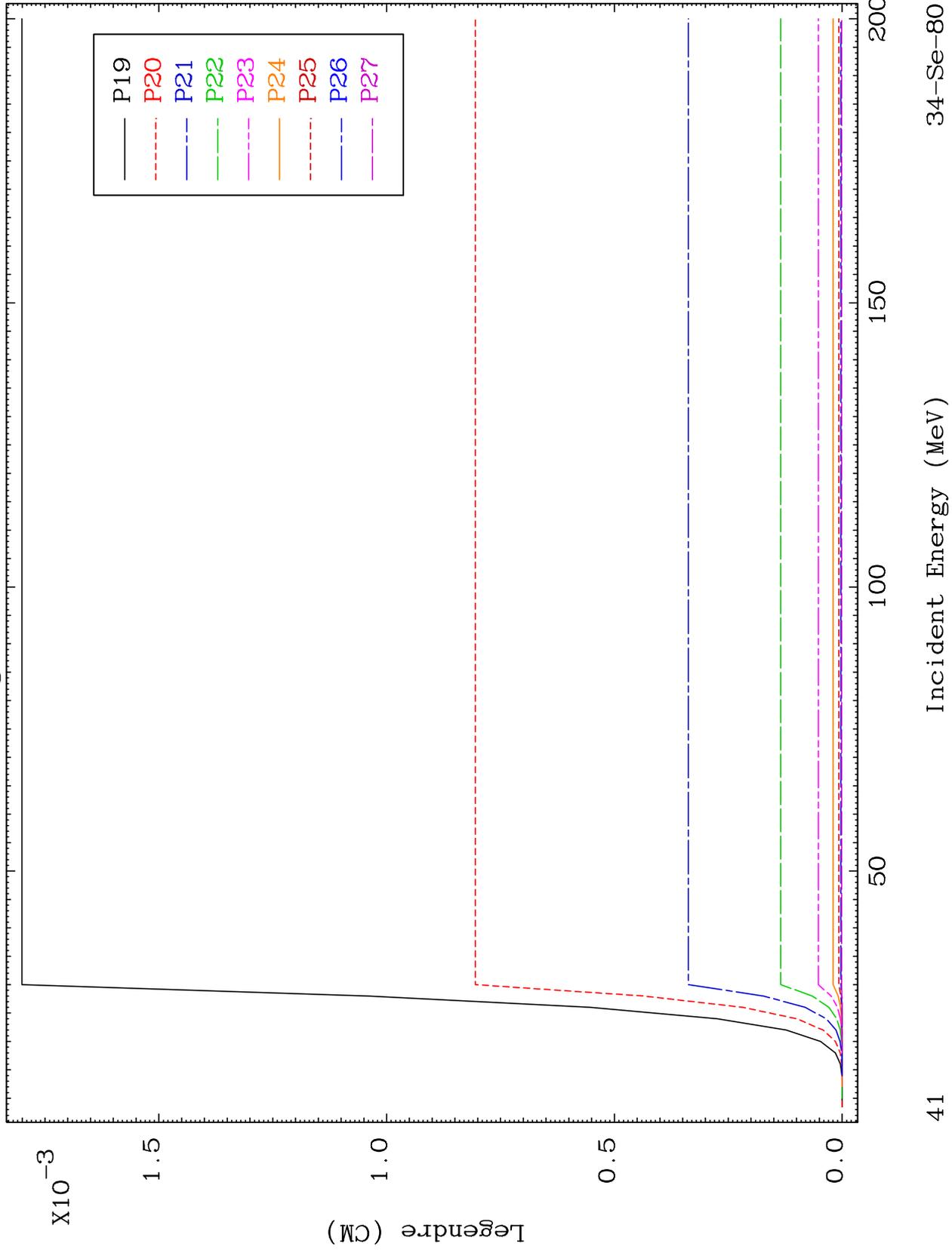
Incident Energy (MeV)

40

MAT 3443

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

³⁴Se-80



41

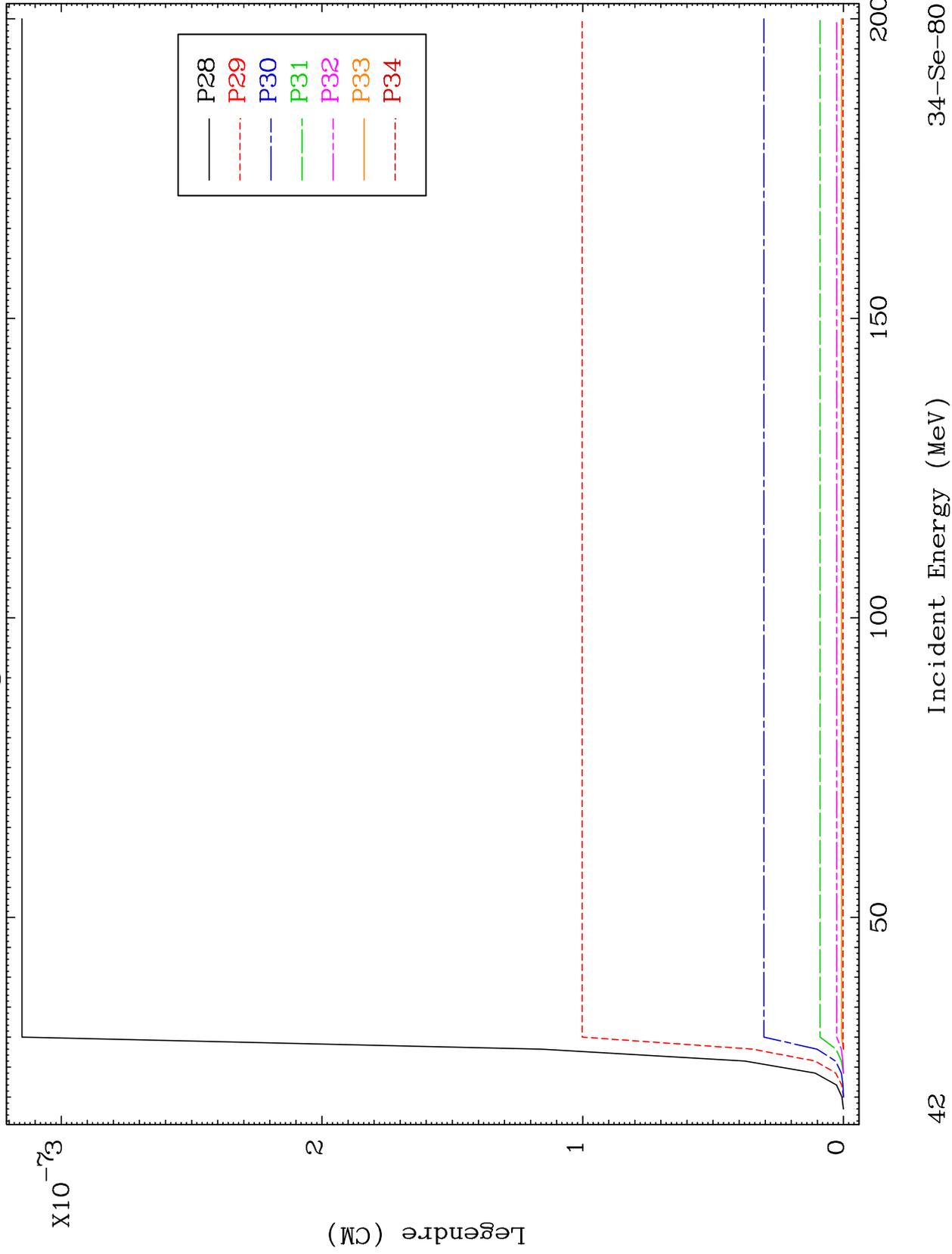
Incident Energy (MeV)

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MAT 3443

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

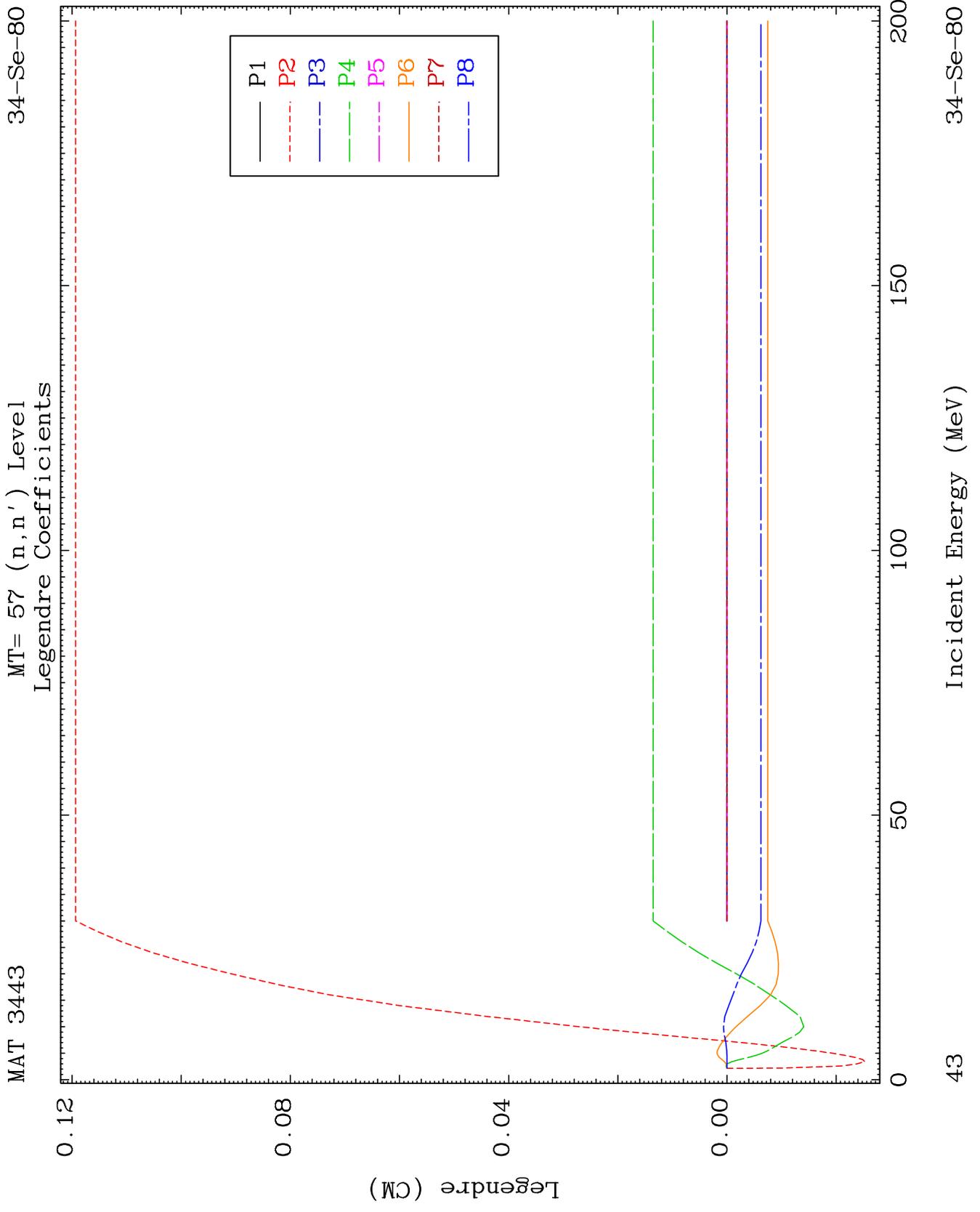
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42

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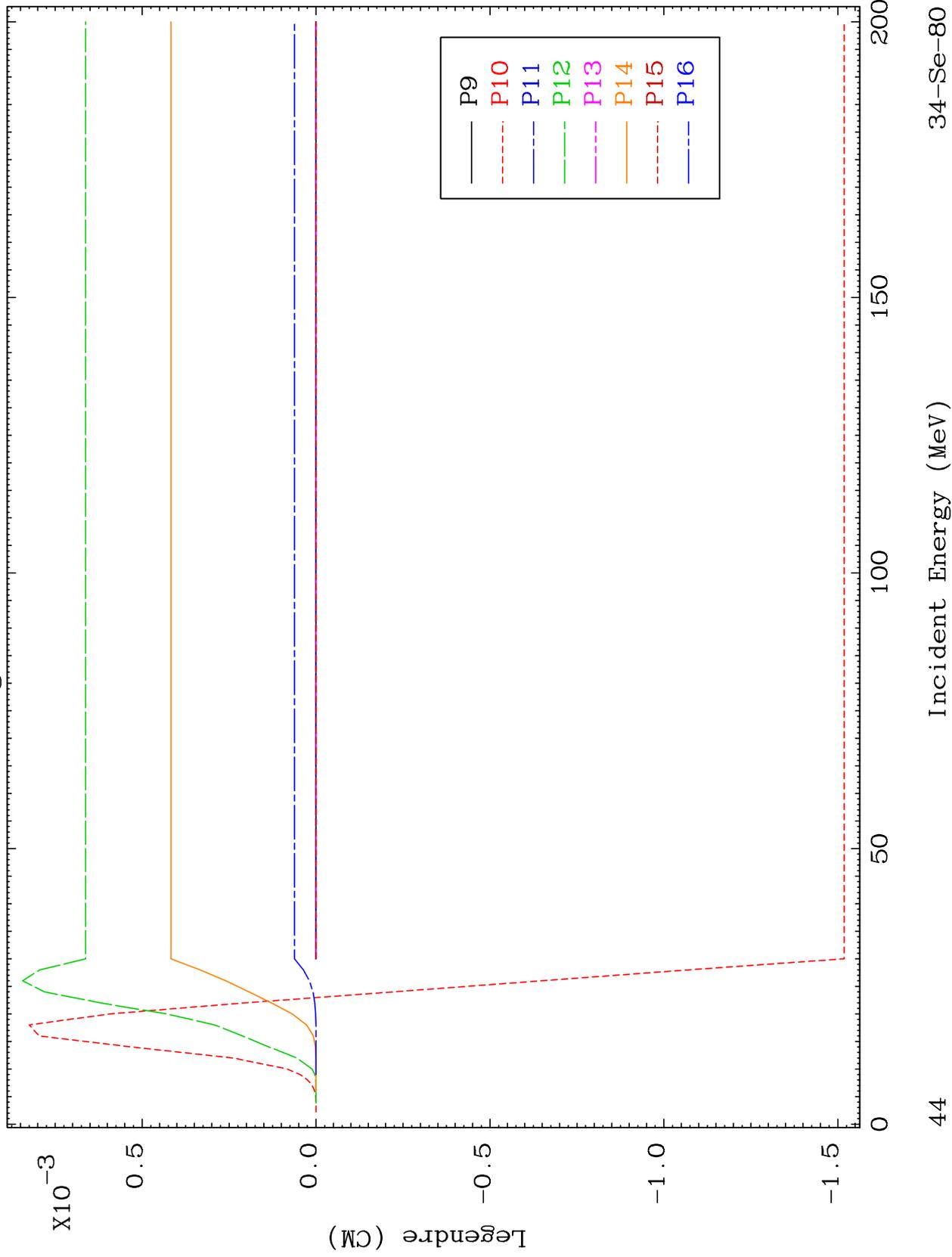
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MAT 3443

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

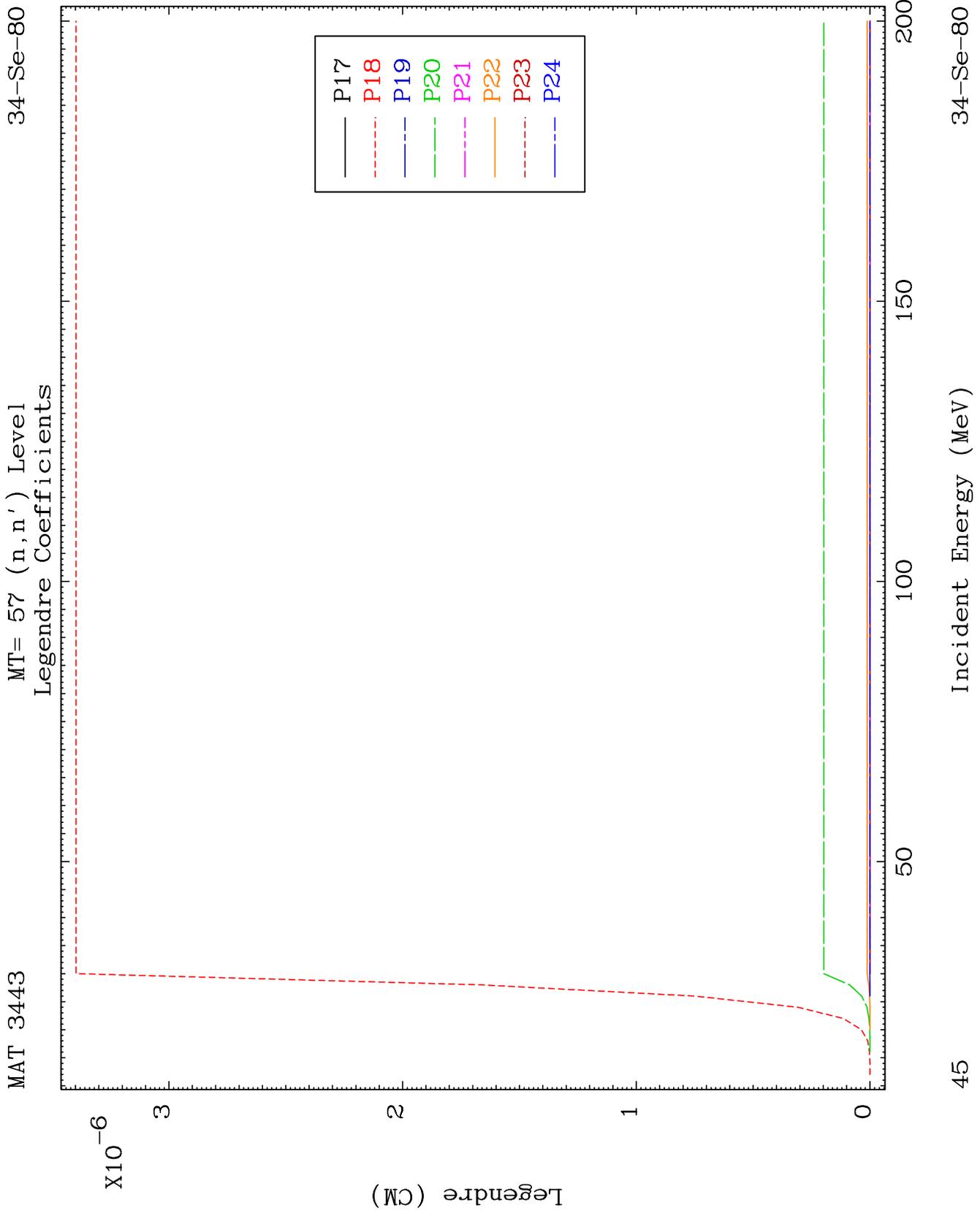
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44

Incident Energy (MeV)

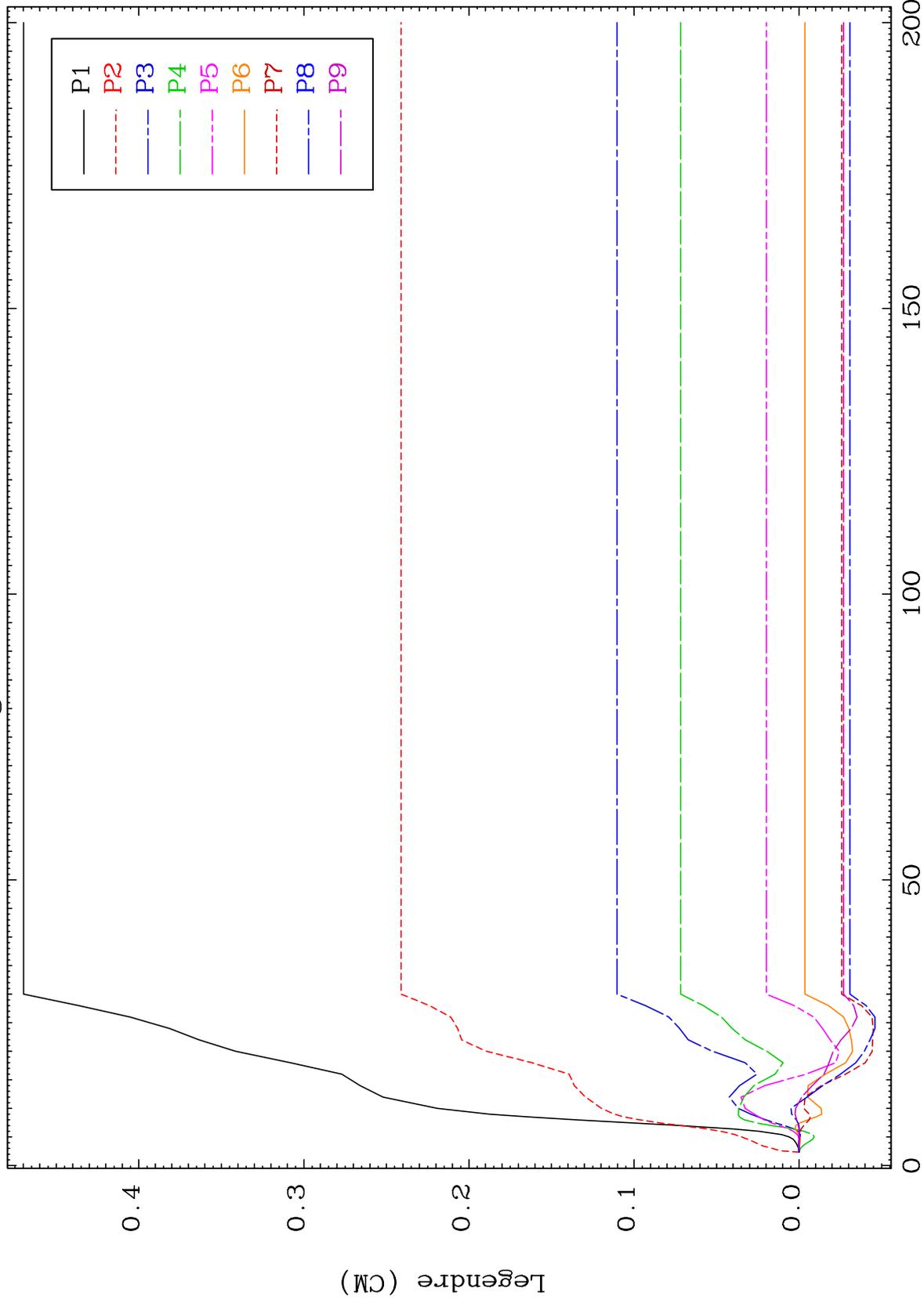
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MAT 3443

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

34-Se-80



46

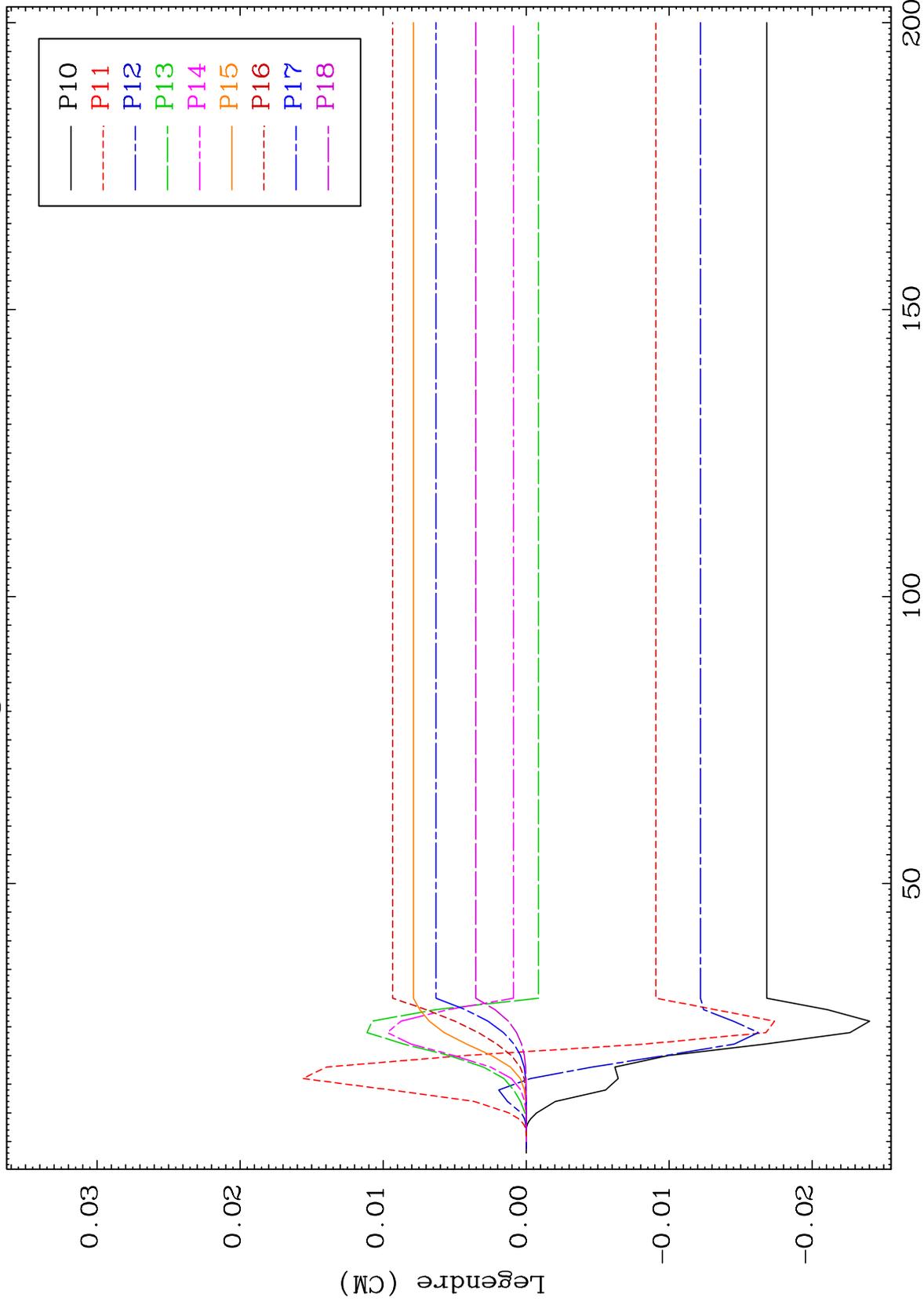
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



47

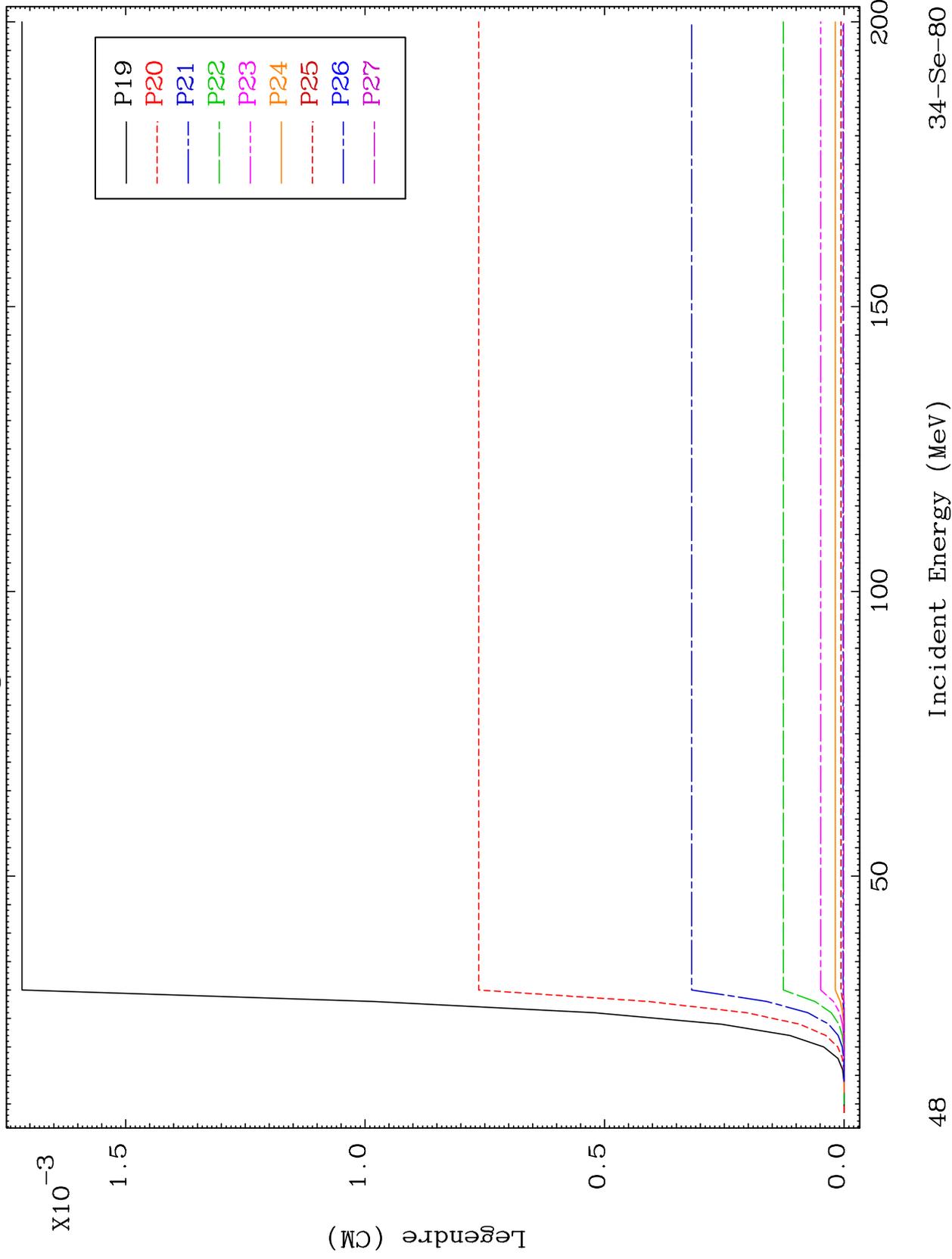
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



48

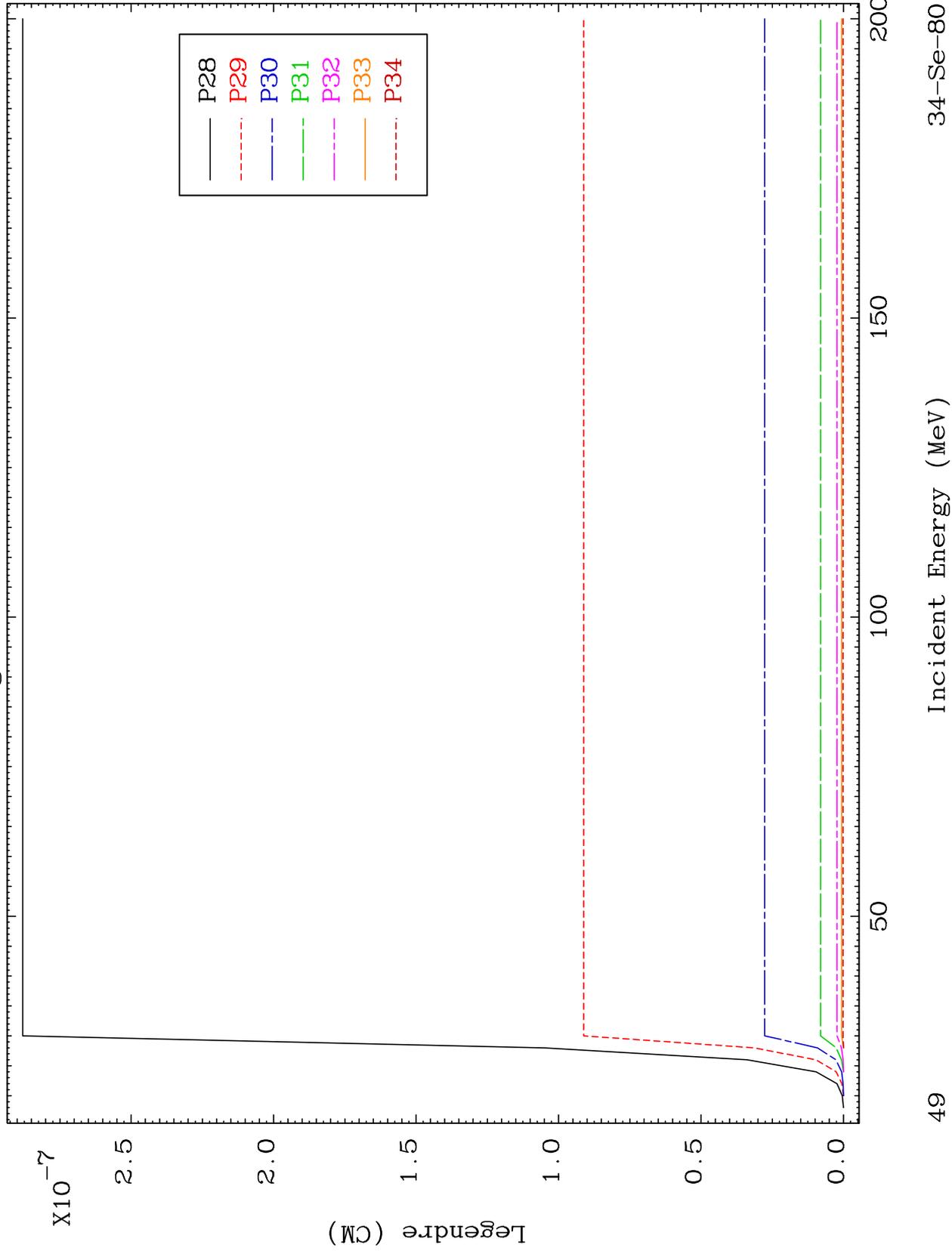
Incident Energy (MeV)

34-Se-80

MAT 3443

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

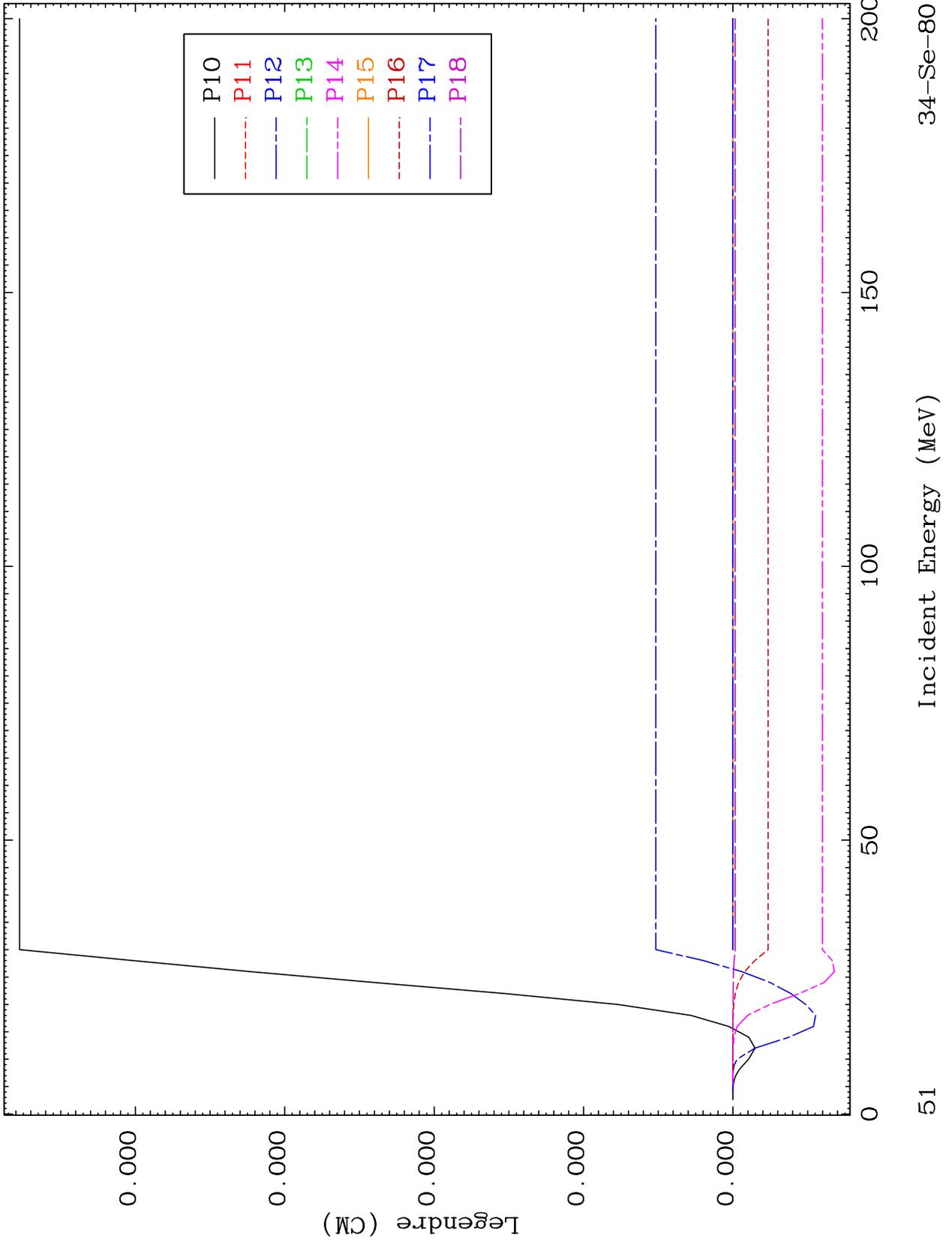
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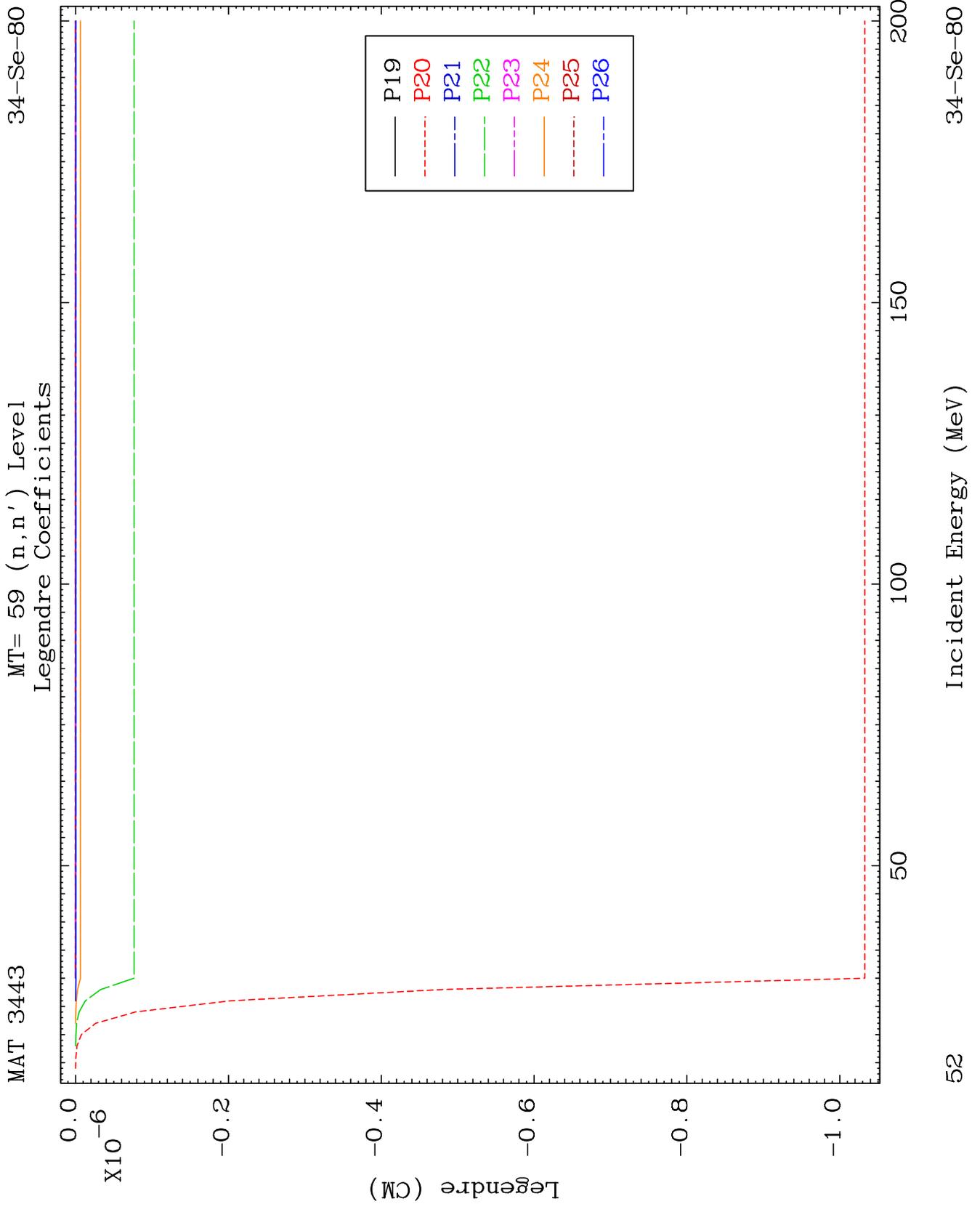


MAT 3443

MT= 59 (n,n') Level
Legendre Coefficients

34-Se-80

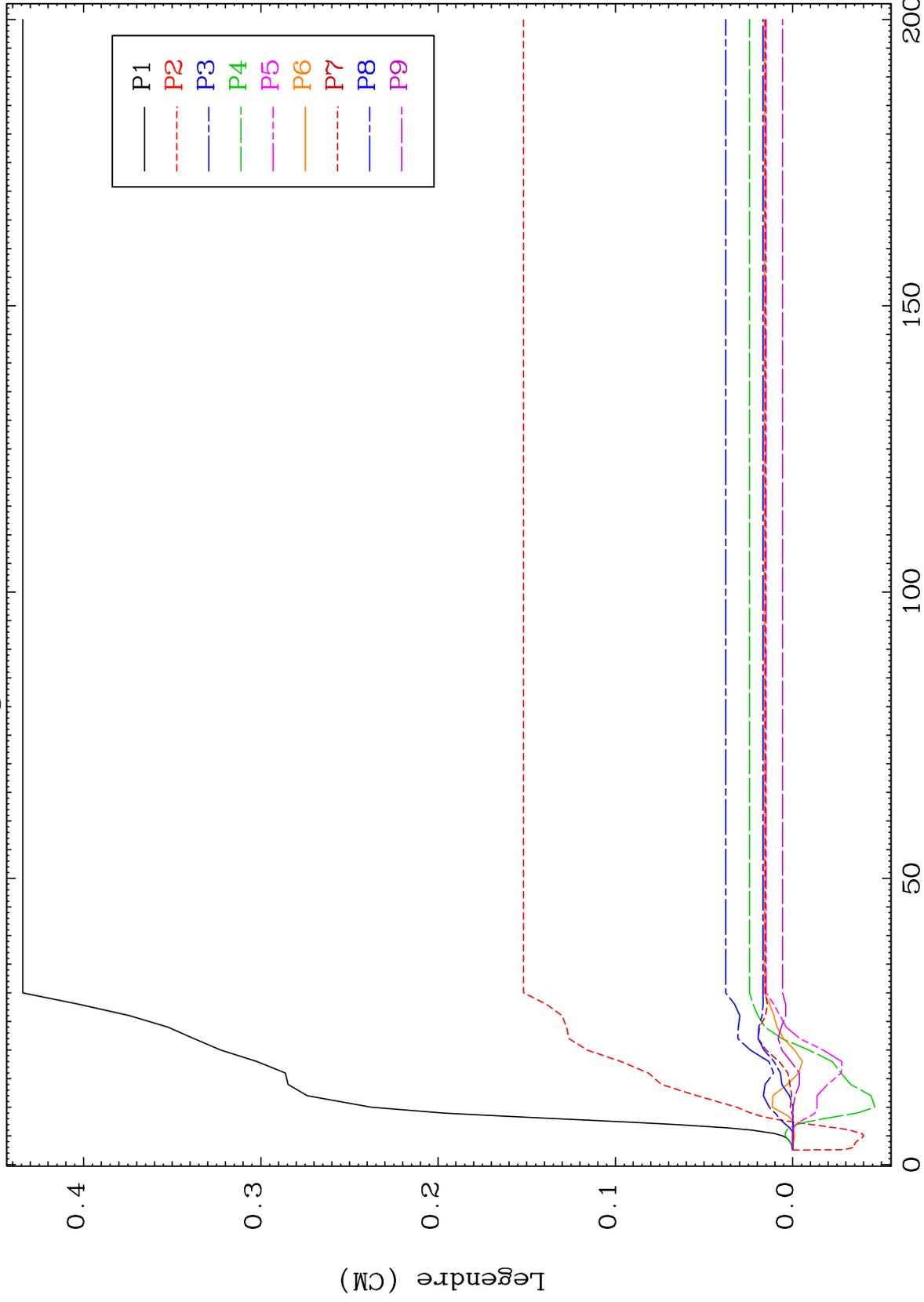




MAT 3443

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

³⁴Se-80



53

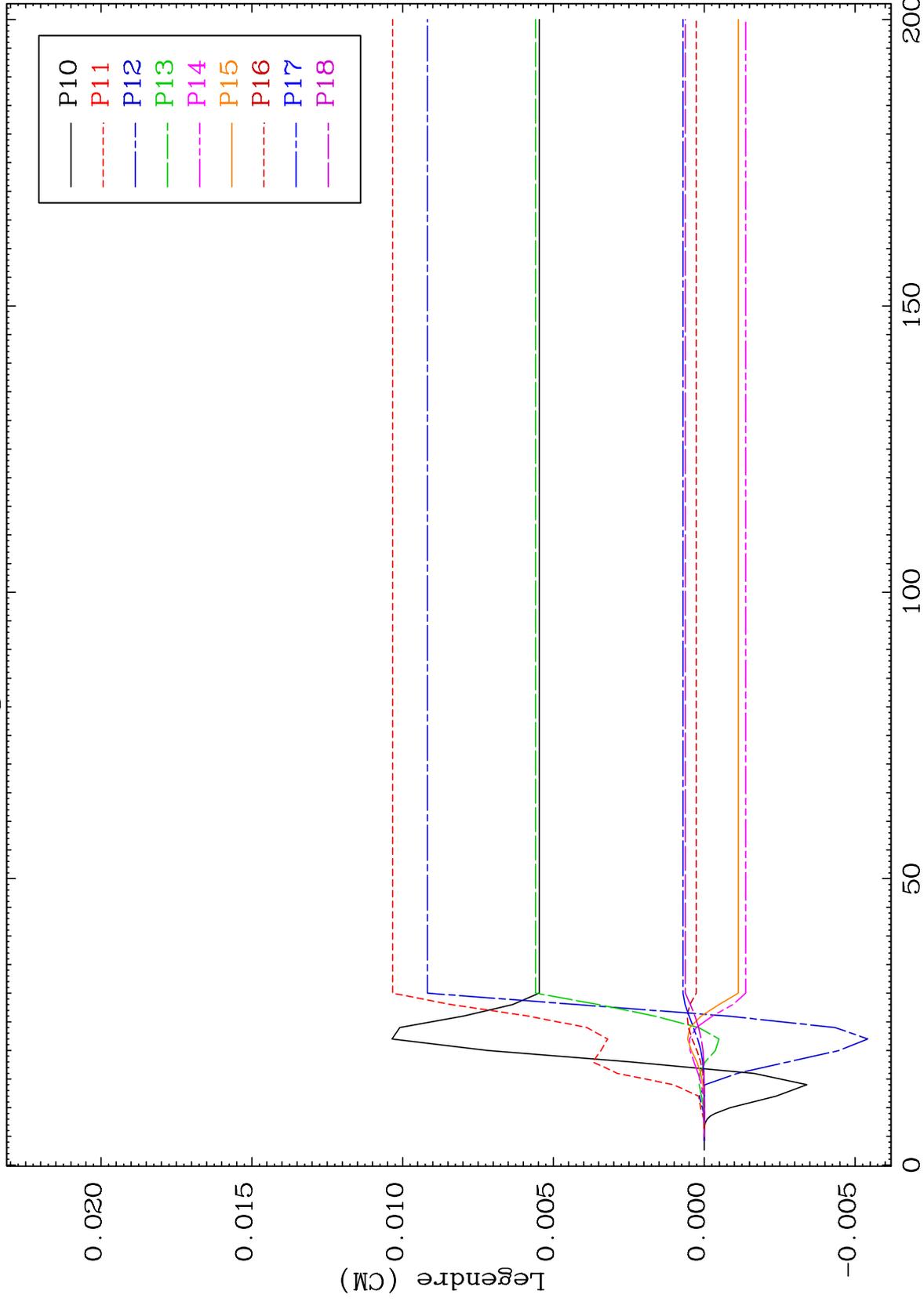
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



54

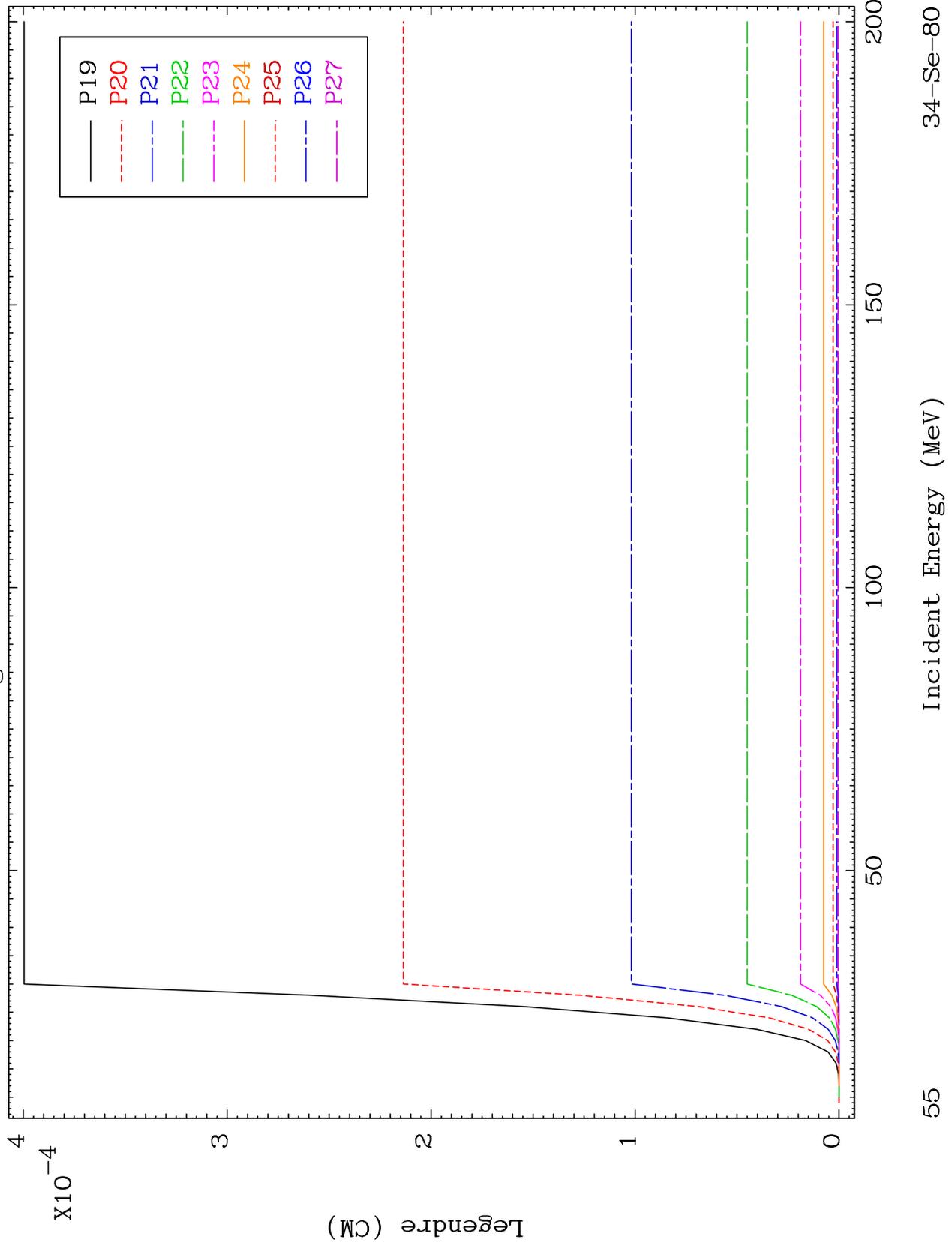
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34-Se-80

MAT 3443

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

34-Se-80



55

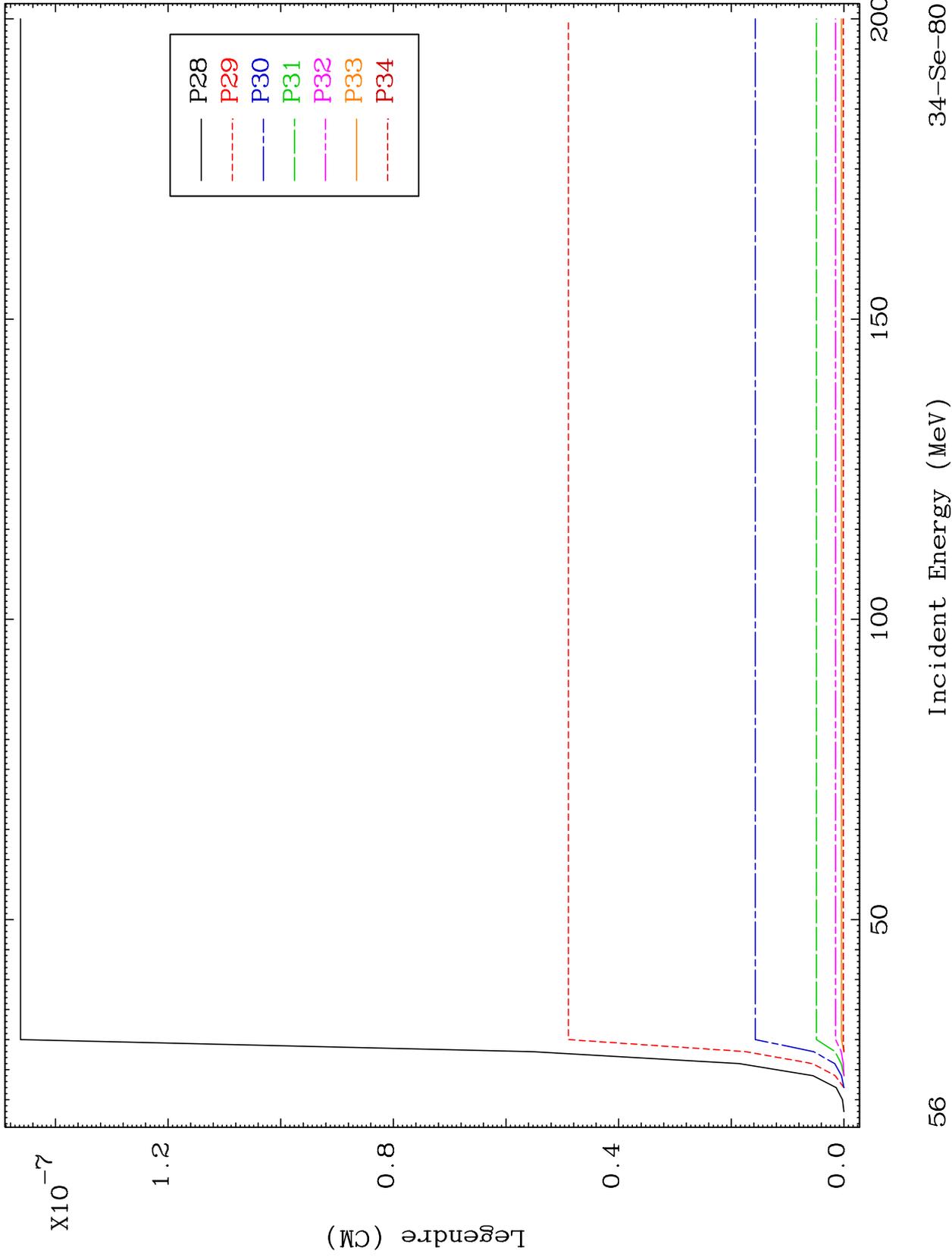
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34-Se-80

MAT 3443

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

34-Se-80



56

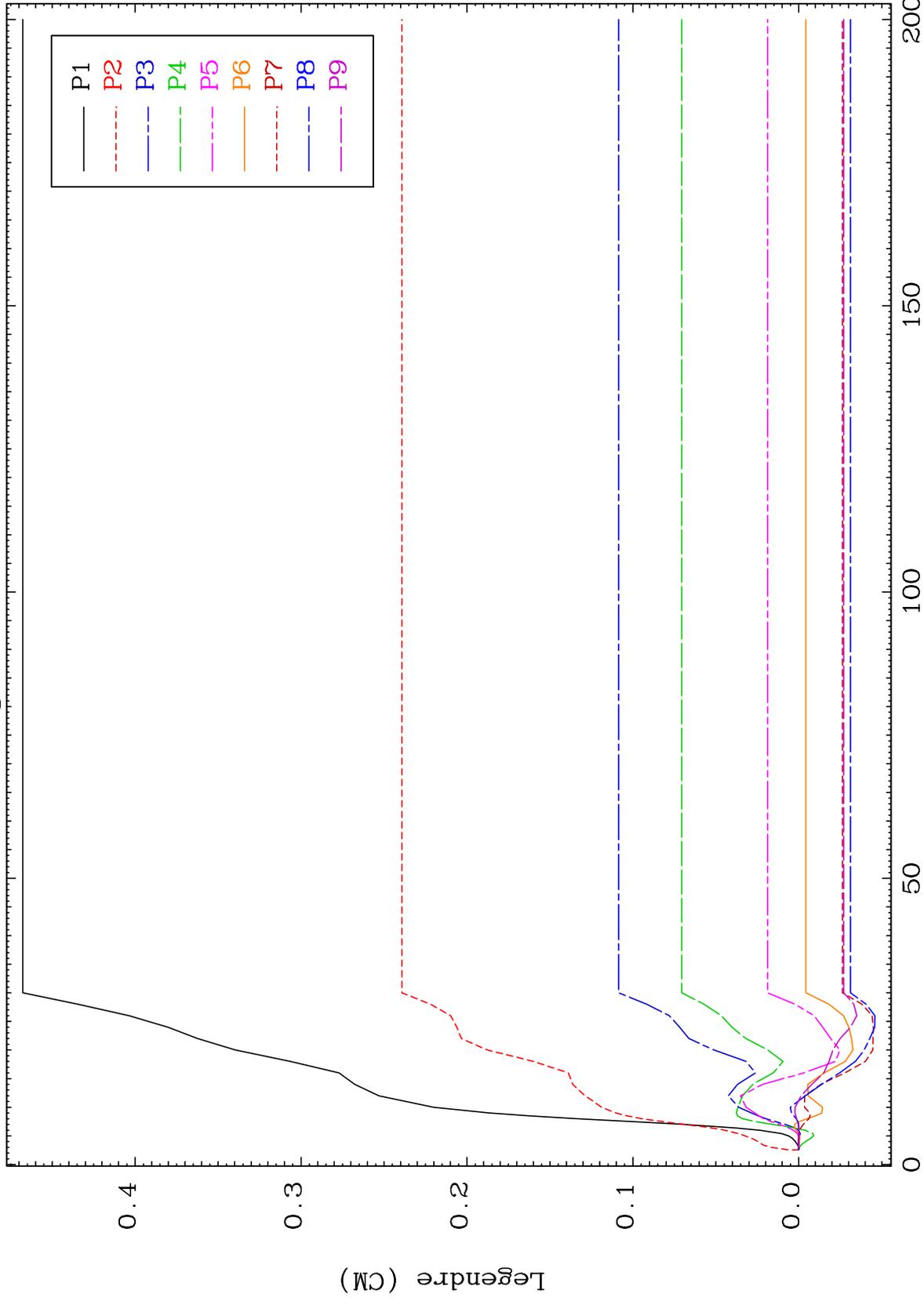
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34-Se-80

MAT 3443

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

³⁴Se-80



57

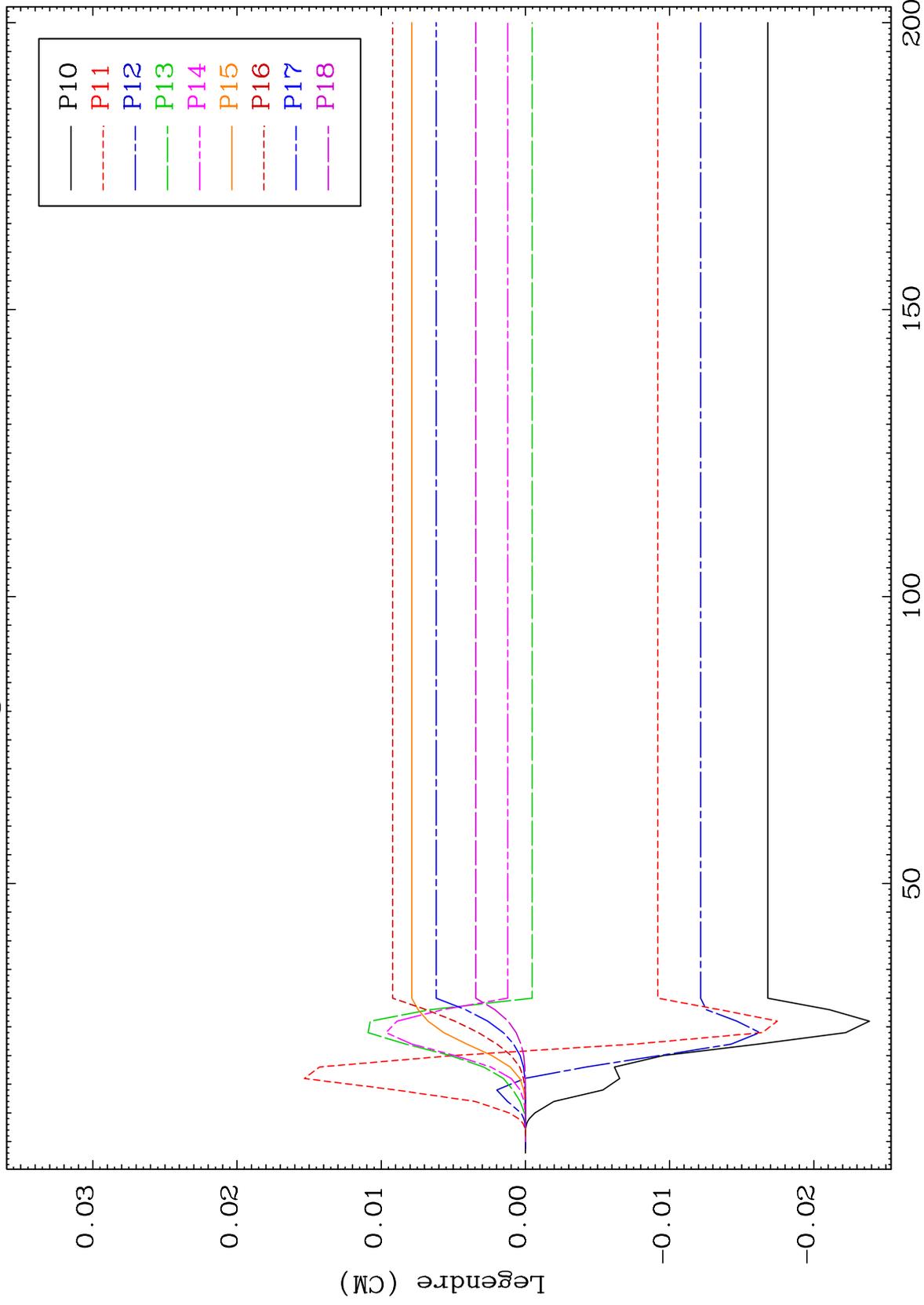
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



58

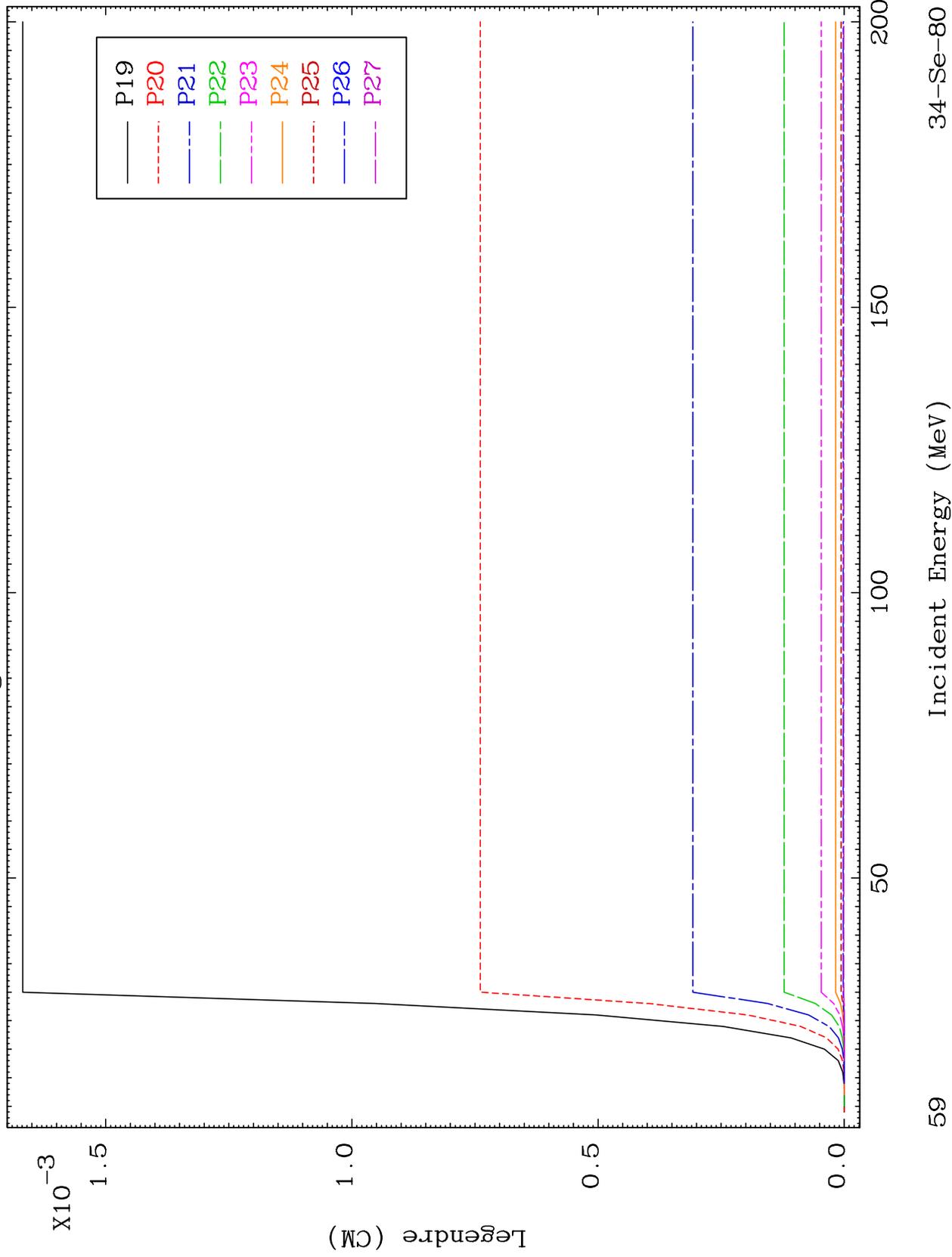
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



59

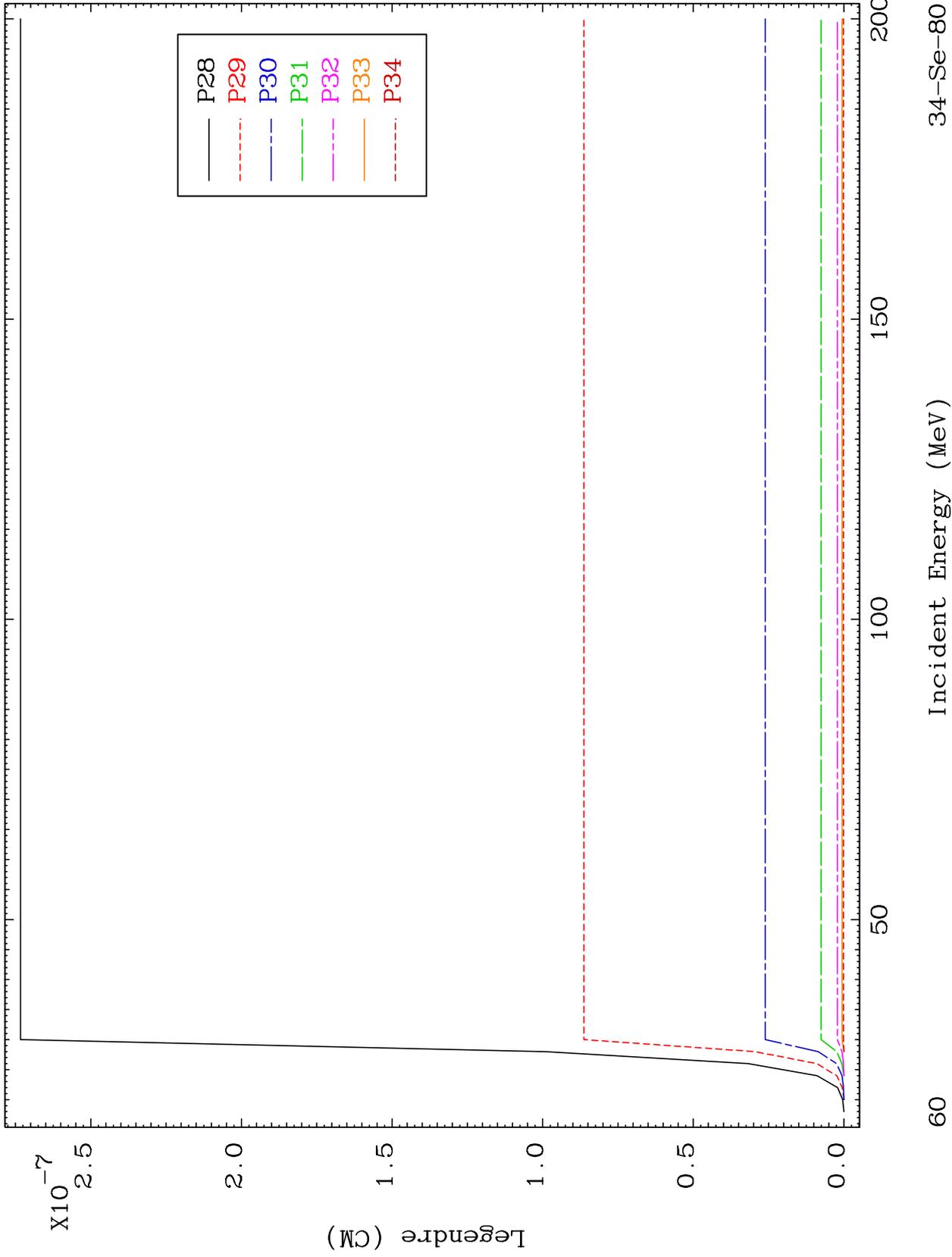
Incident Energy (MeV)

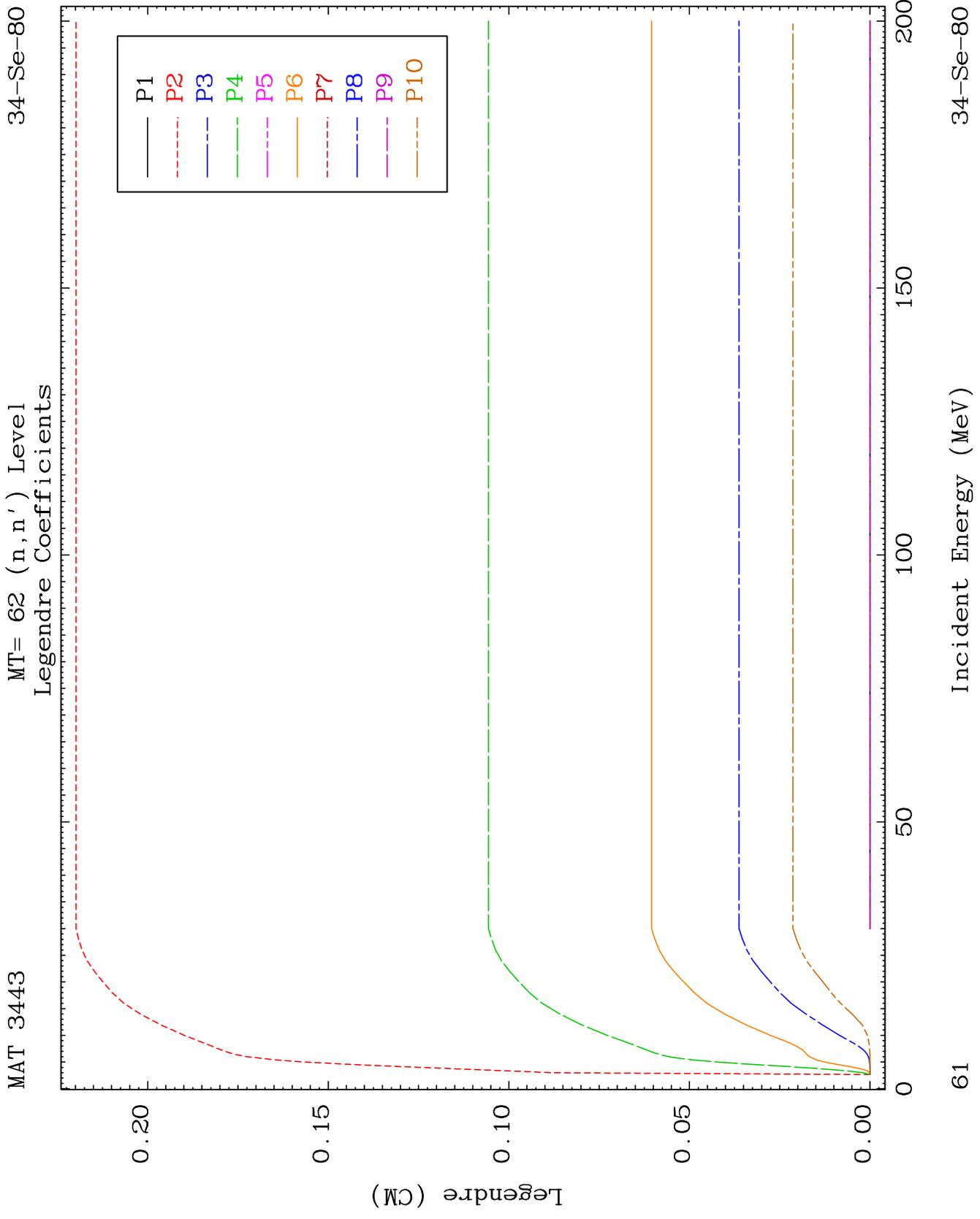
³⁴Se-80

MAT 3443

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

34-Se-80

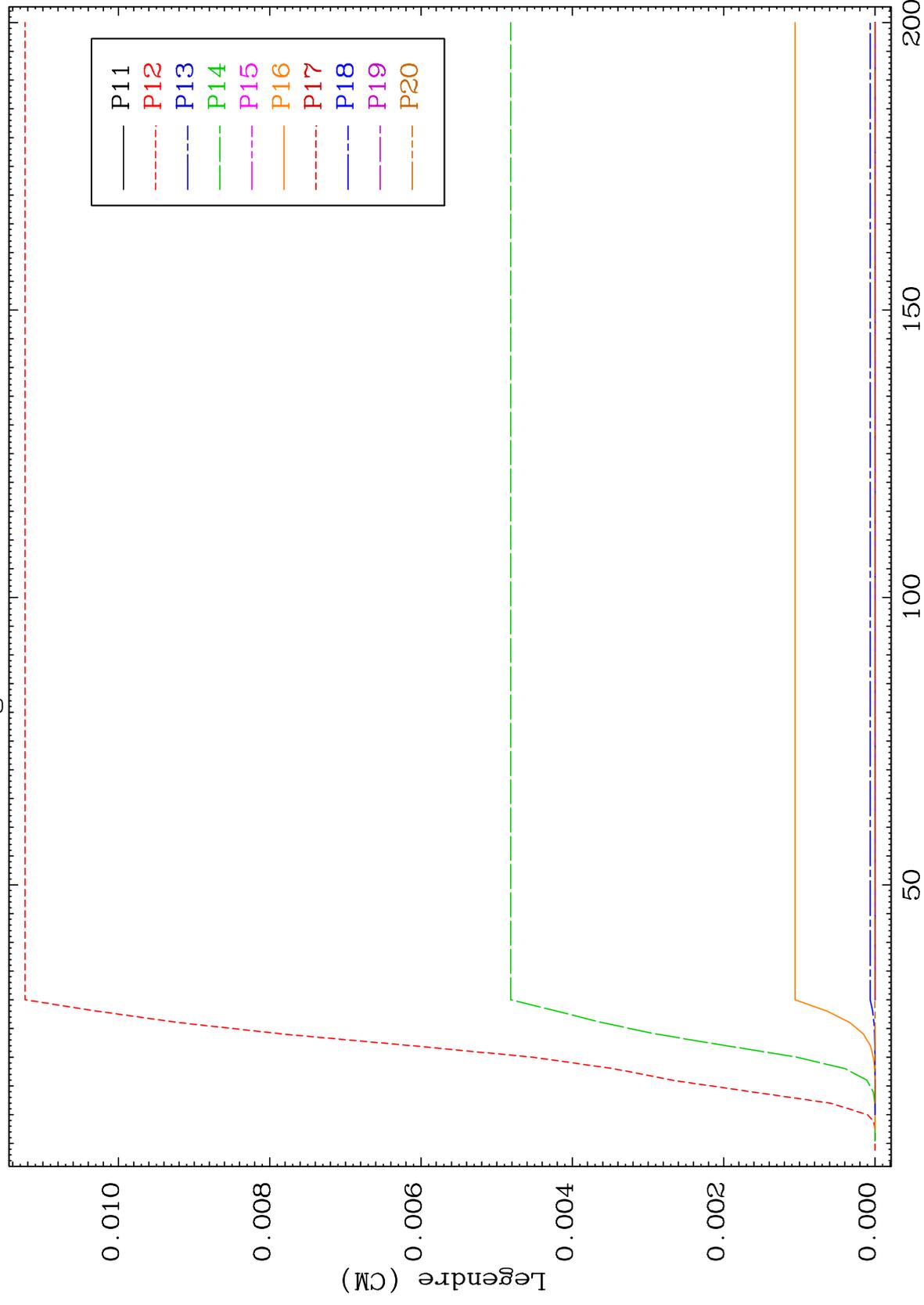




MAT 3443

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

34-Se-80



62

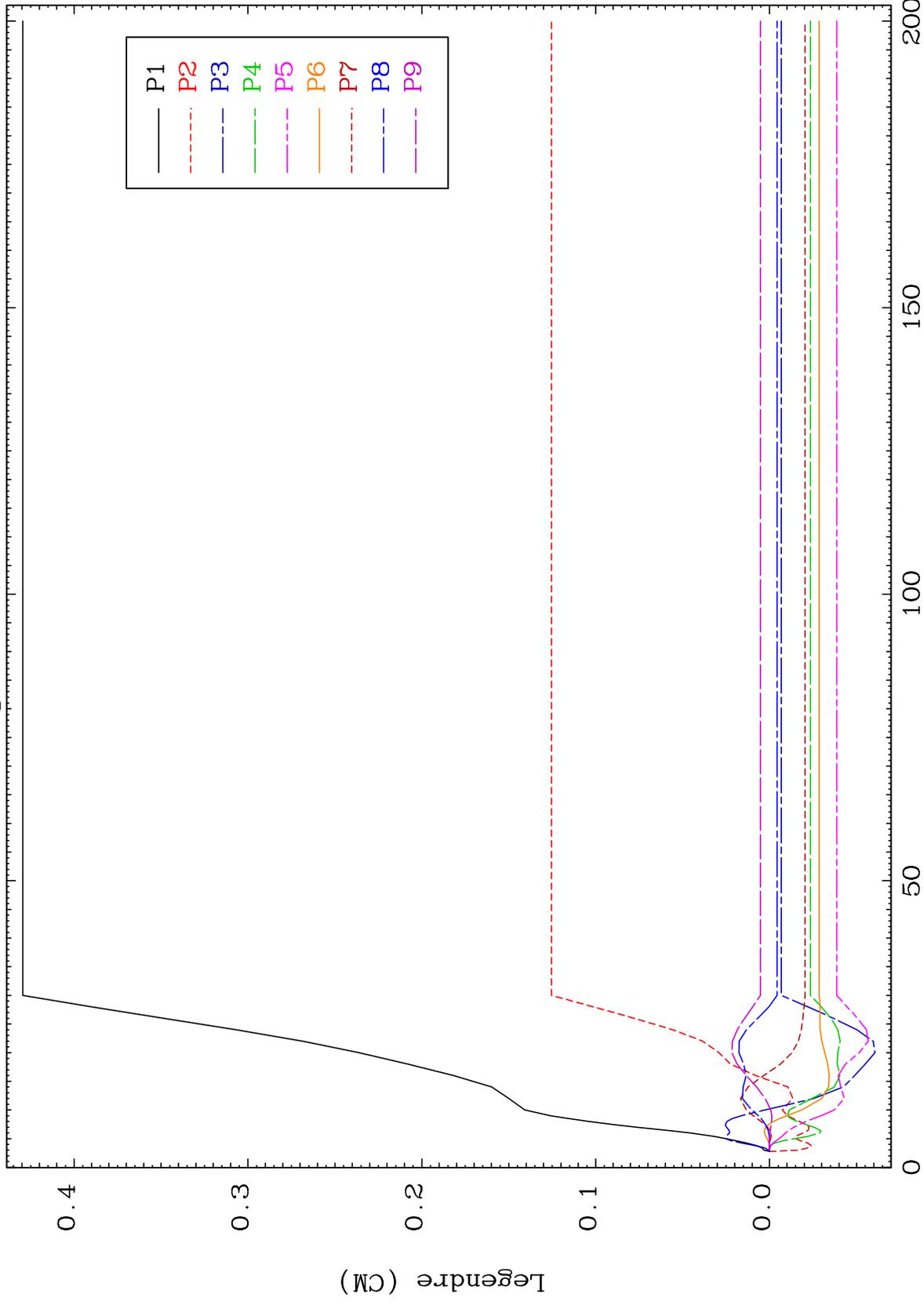
Incident Energy (MeV)

34-Se-80

MAT 3443

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

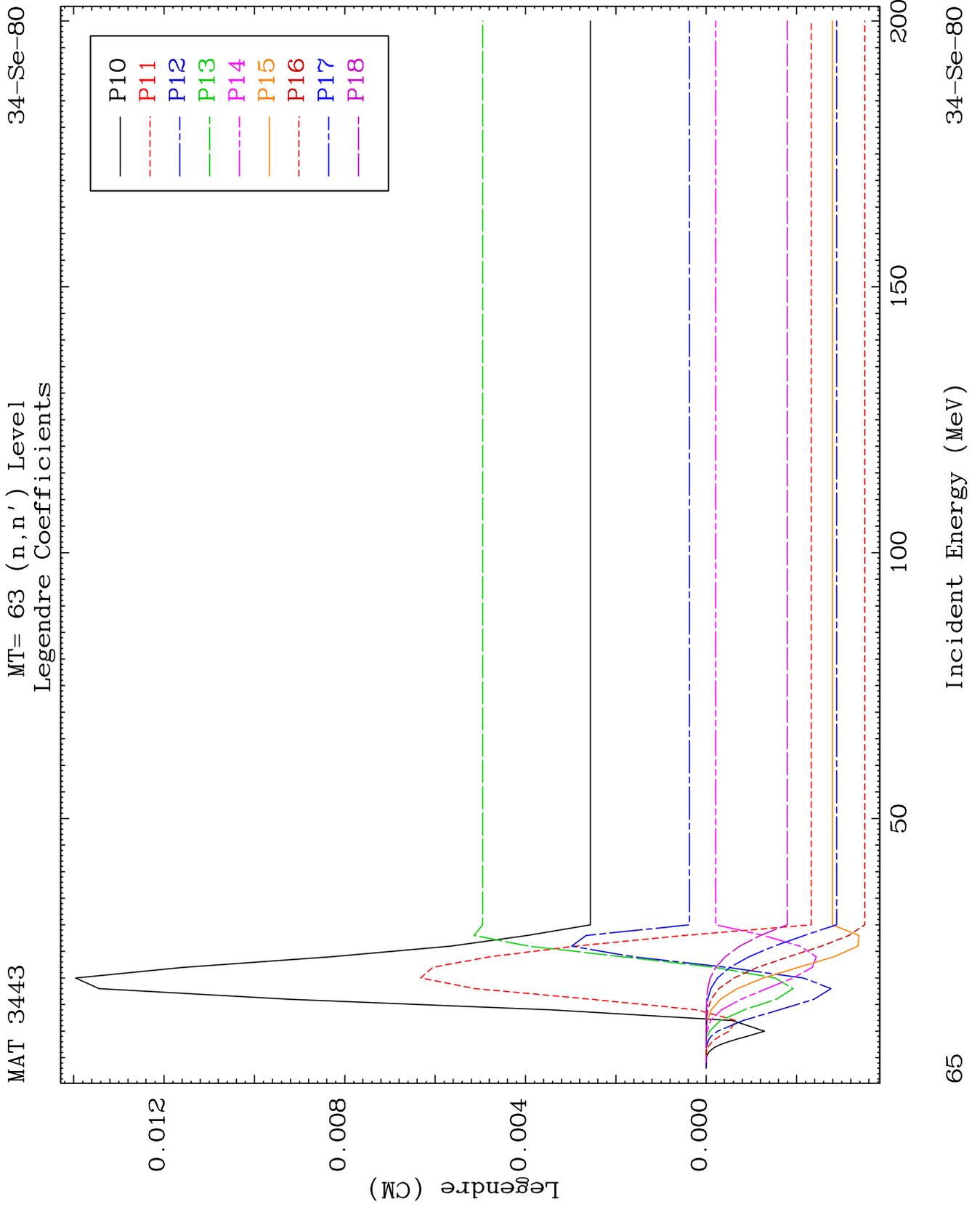
³⁴Se-80



64

Incident Energy (MeV)

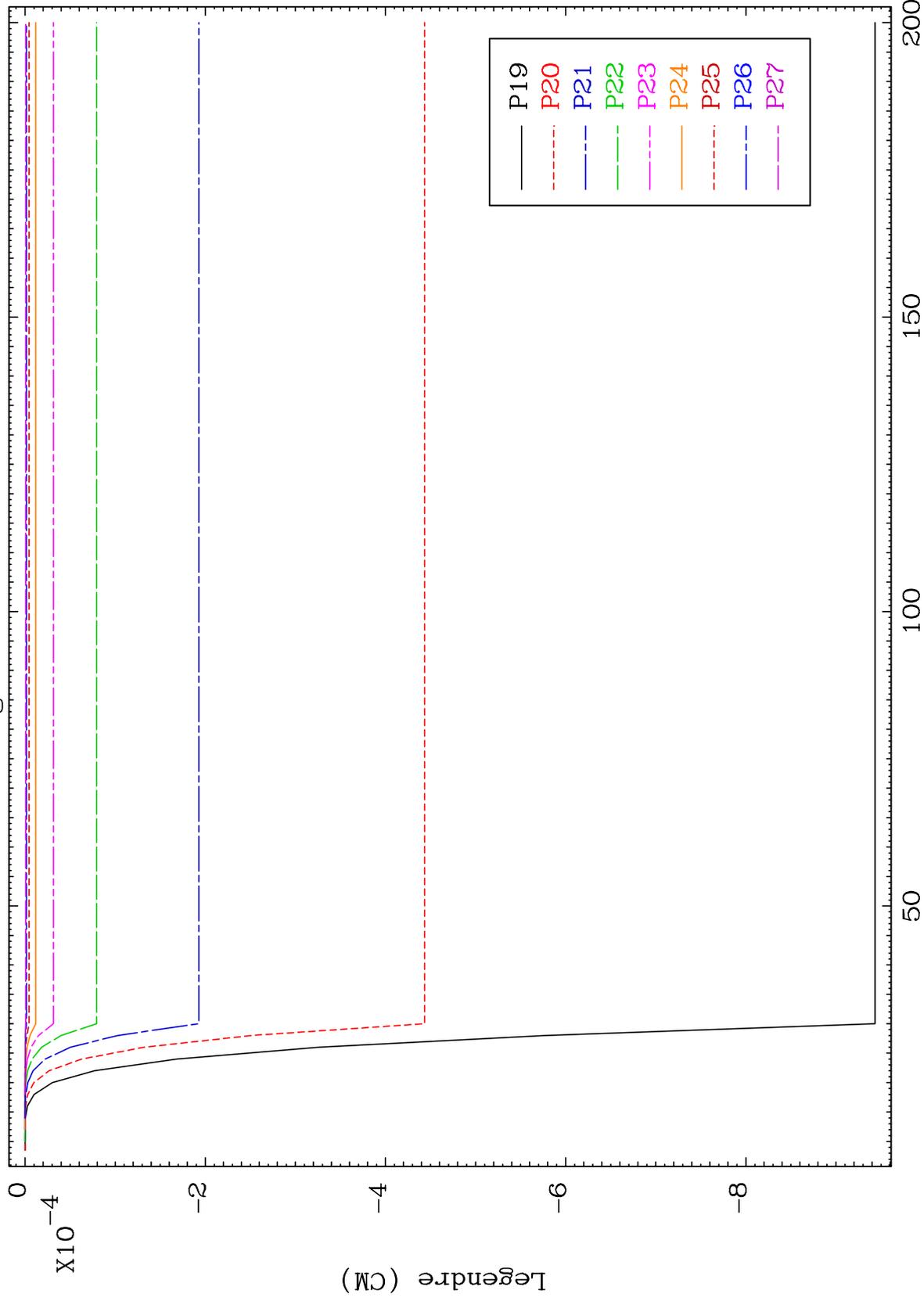
³⁴Se-80



MAT 3443

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

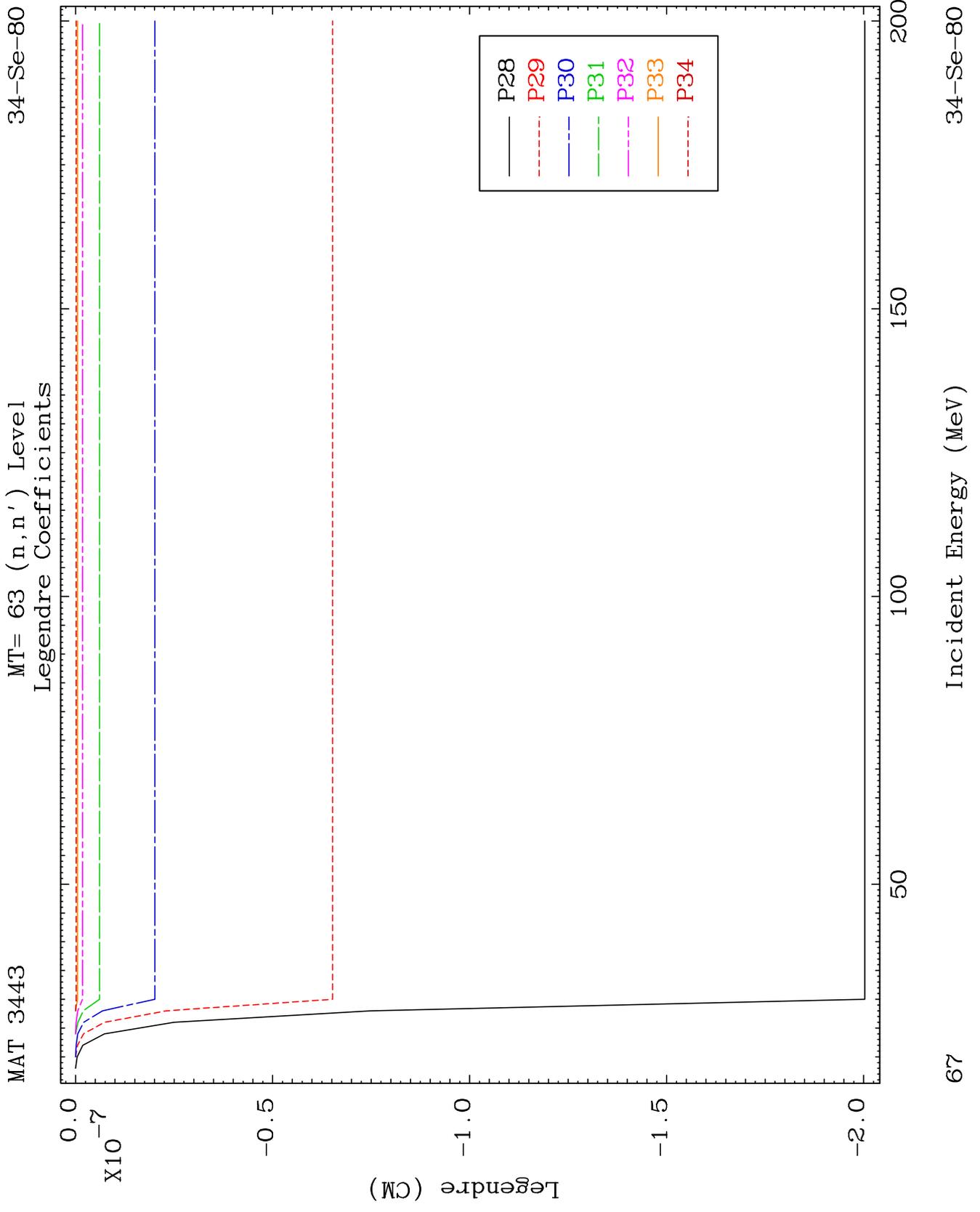
34-Se-80



34-Se-80

Incident Energy (MeV)

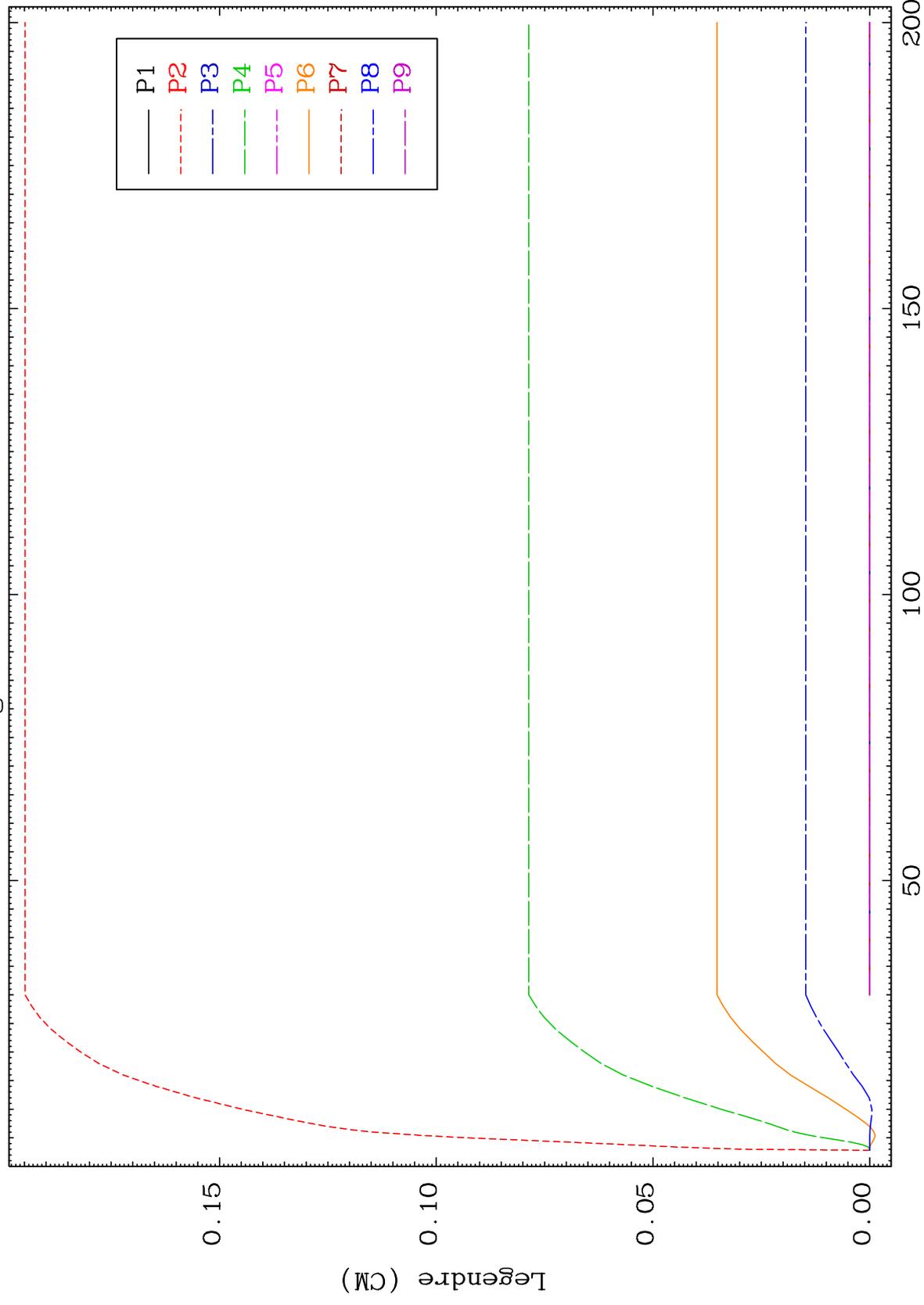
66



MAT 3443

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

34-Se-80



68

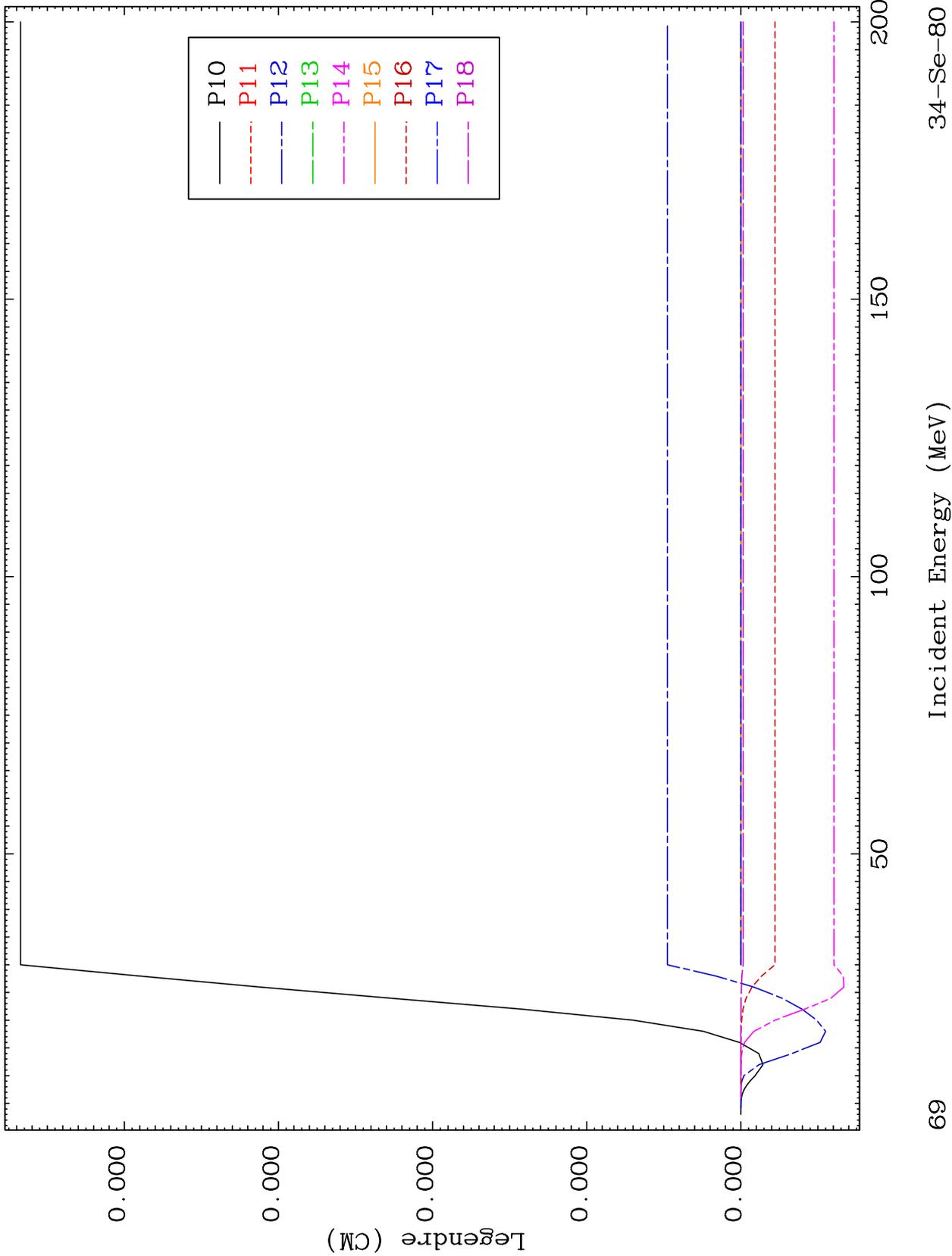
Incident Energy (MeV)

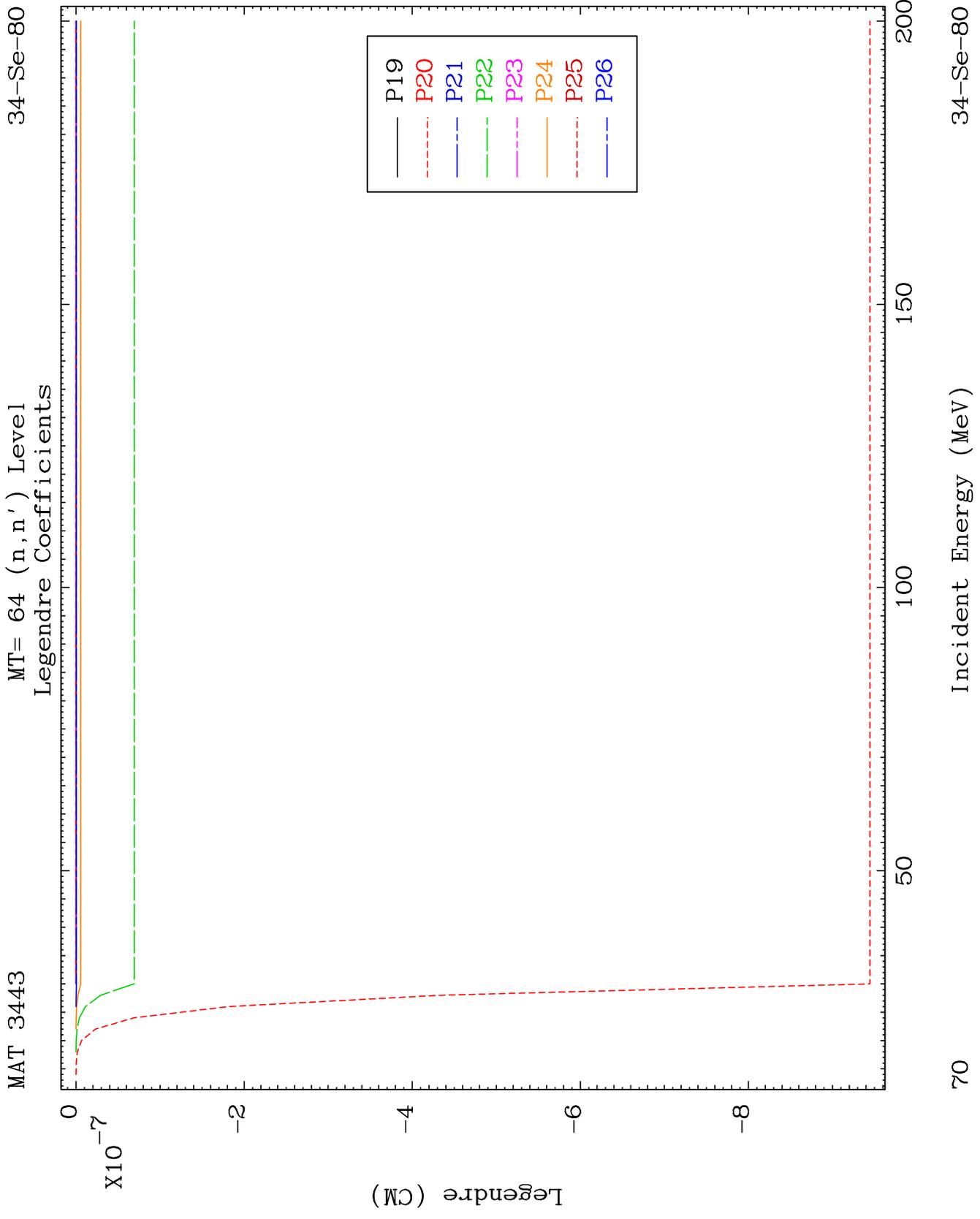
34-Se-80

MAT 3443

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

³⁴Se-80

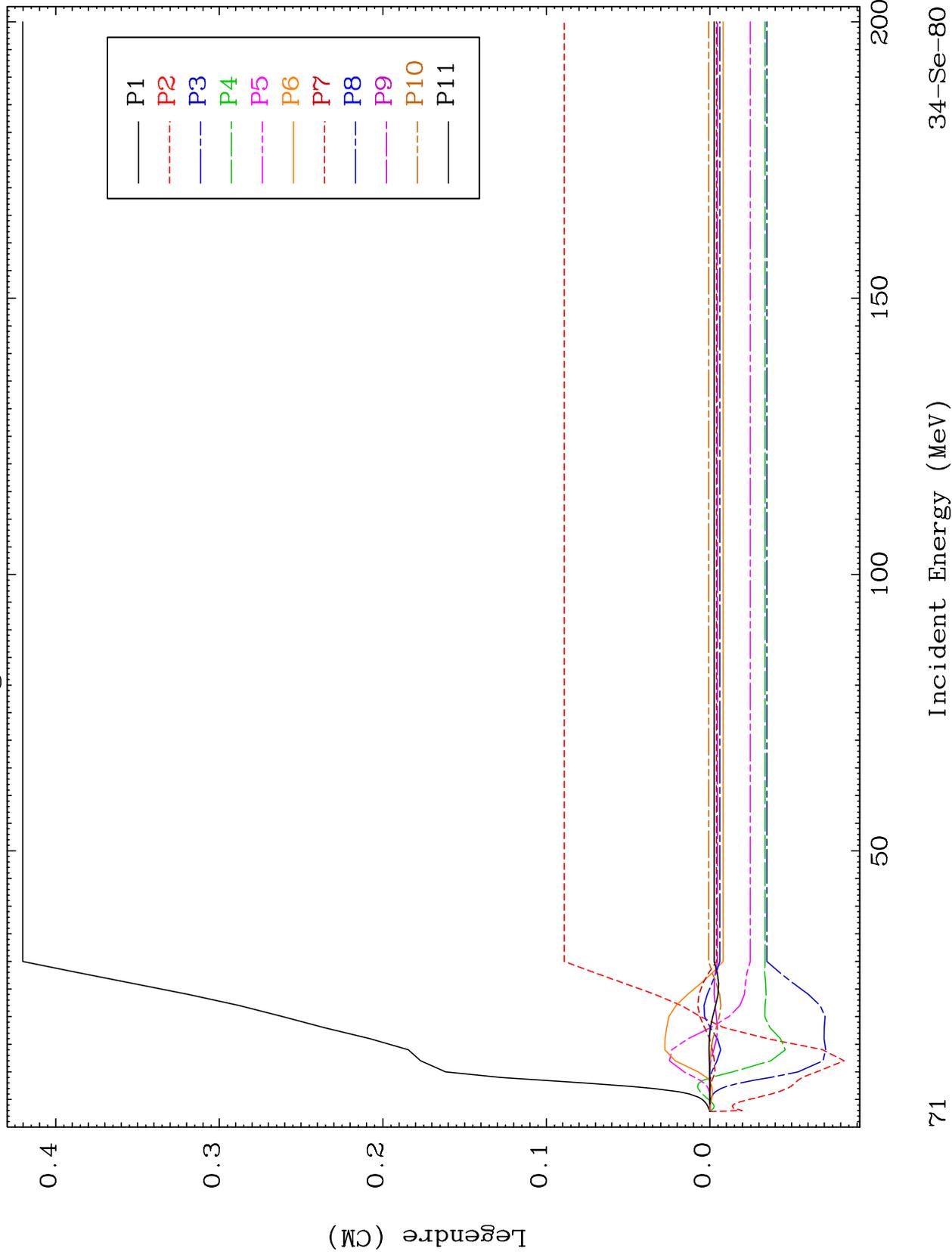




MAT 3443

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

34-Se-80



71

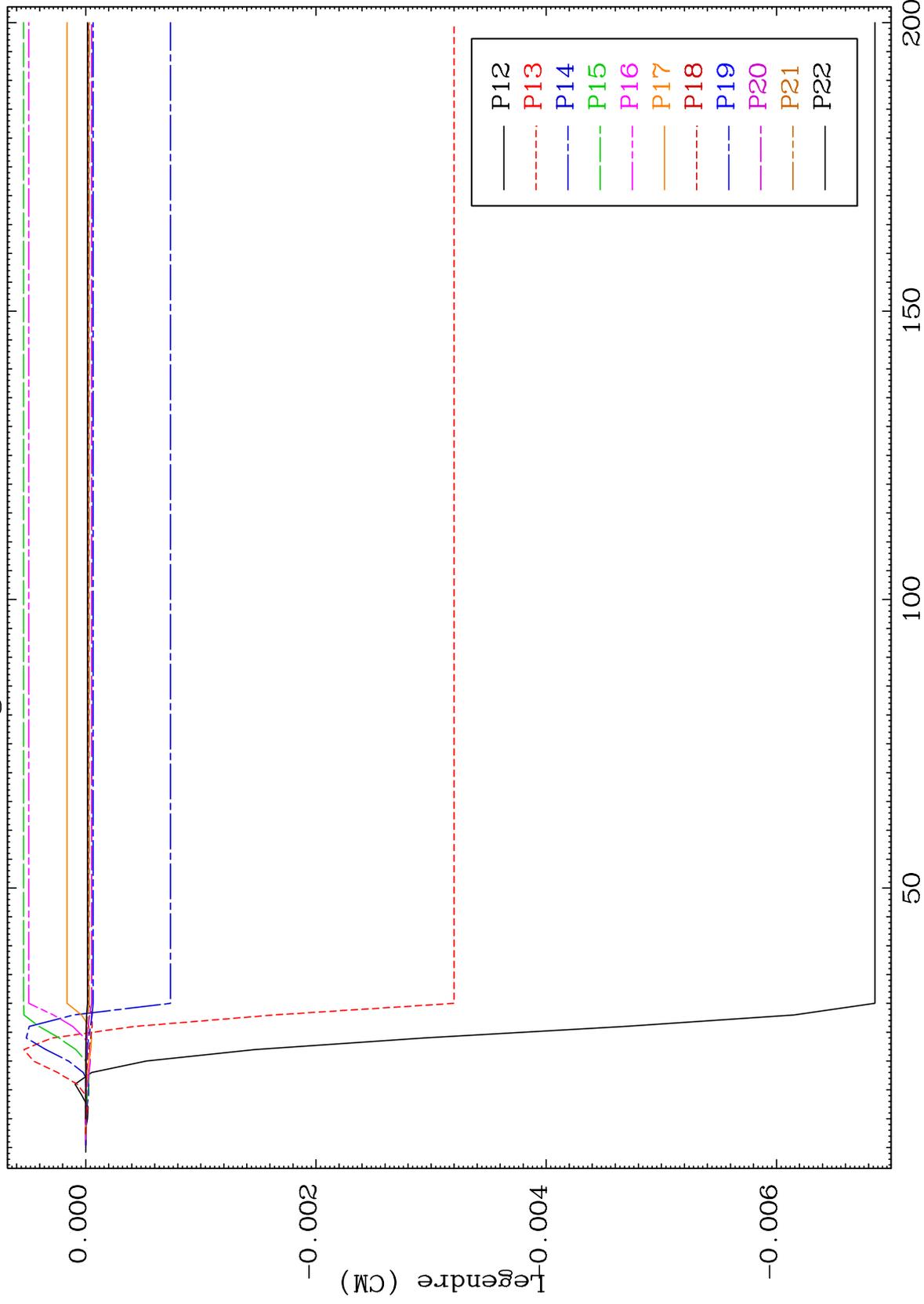
Incident Energy (MeV)

34-Se-80

MAT 3443

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

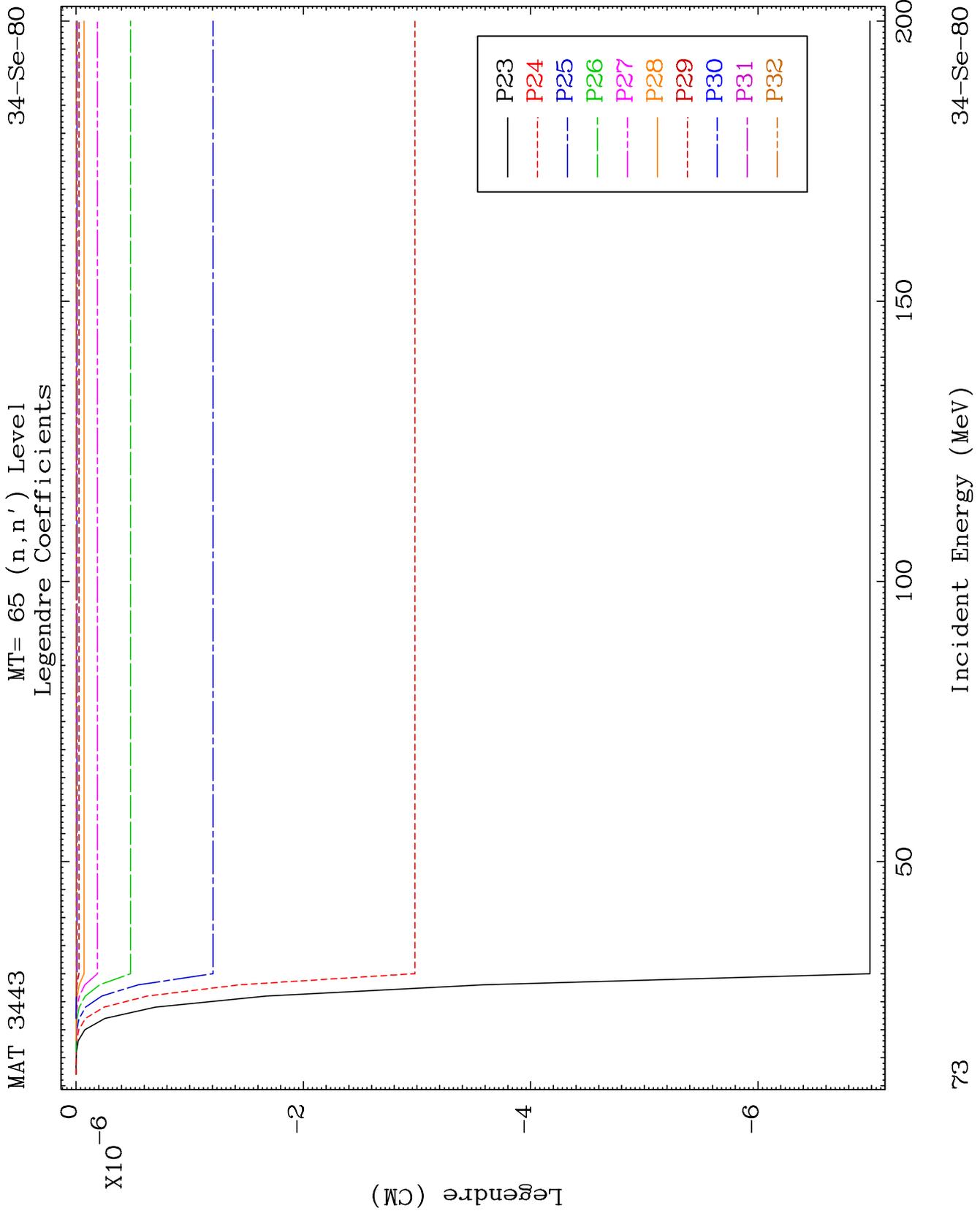
34-Se-80



72

Incident Energy (MeV)

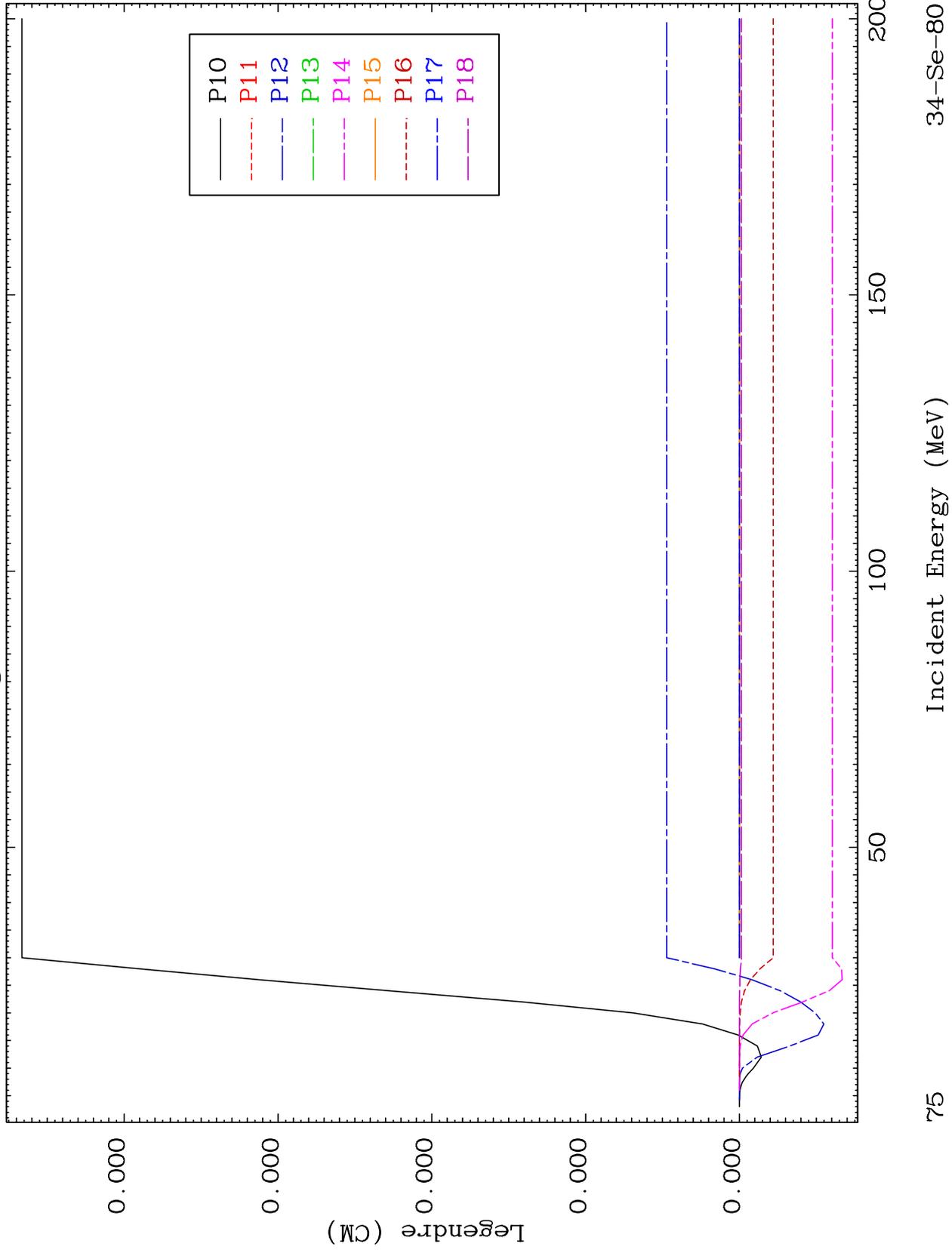
34-Se-80



MAT 3443

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

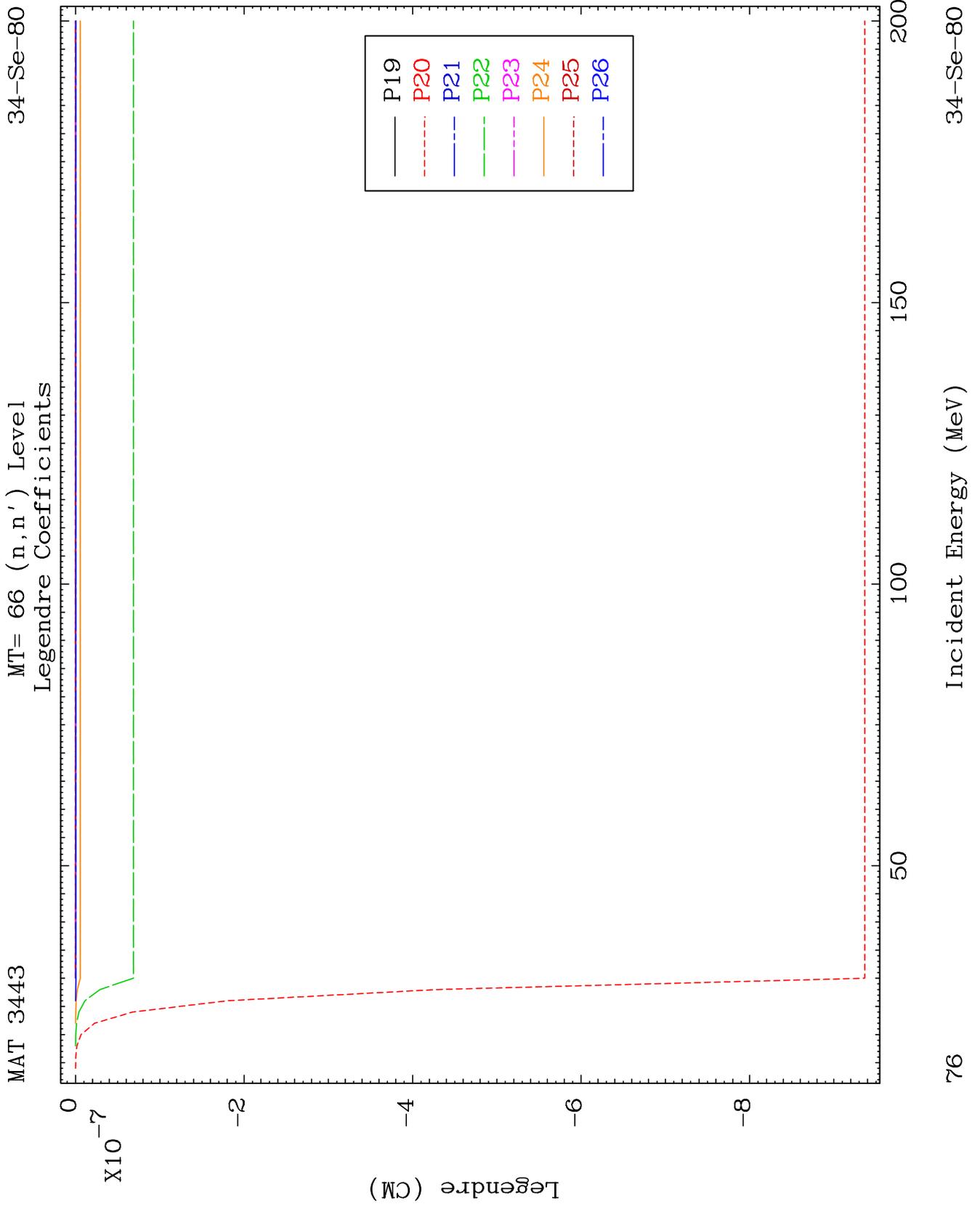
³⁴Se-80



75

Incident Energy (MeV)

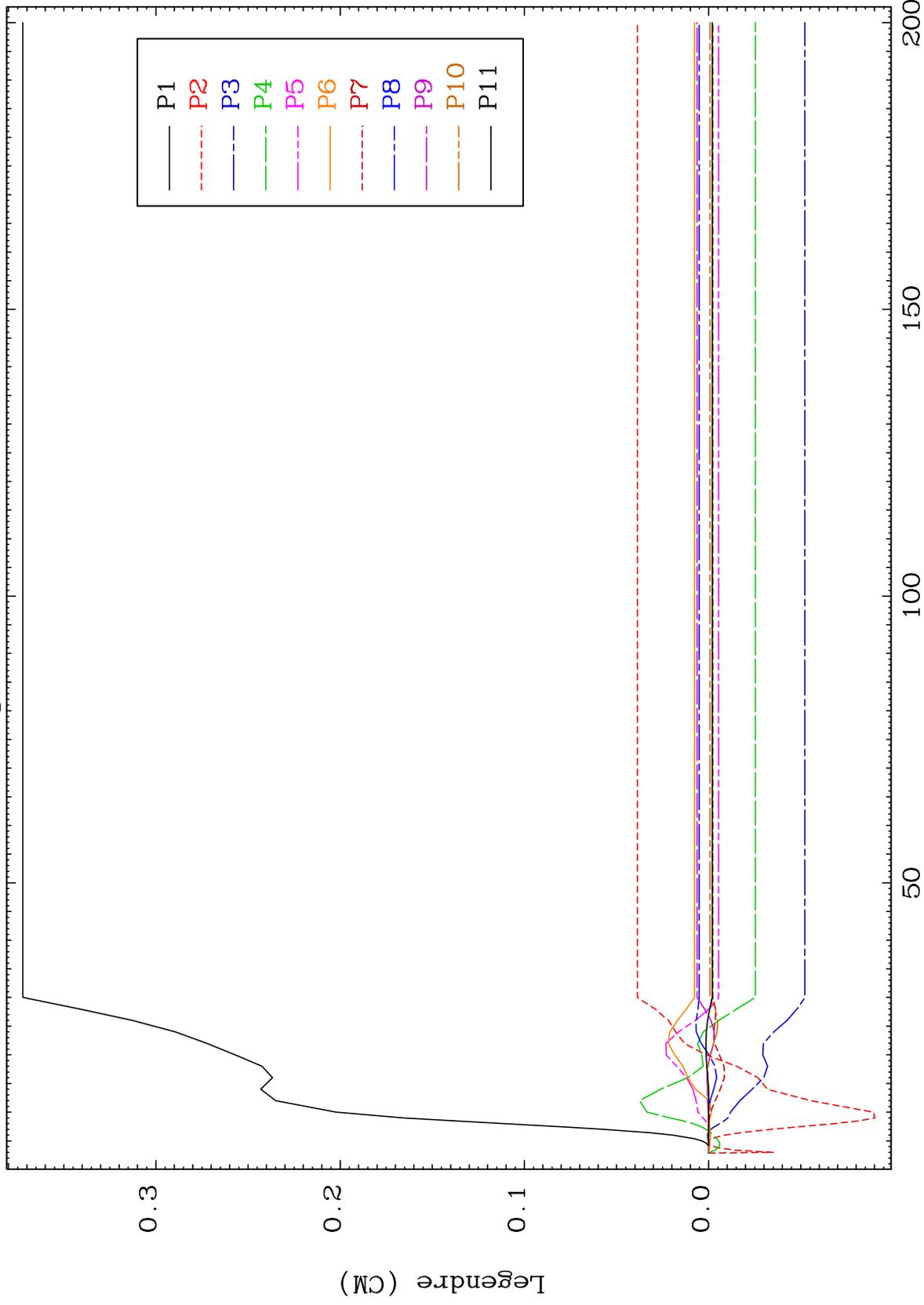
³⁴Se-80



MAT 3443

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

34-Se-80



77

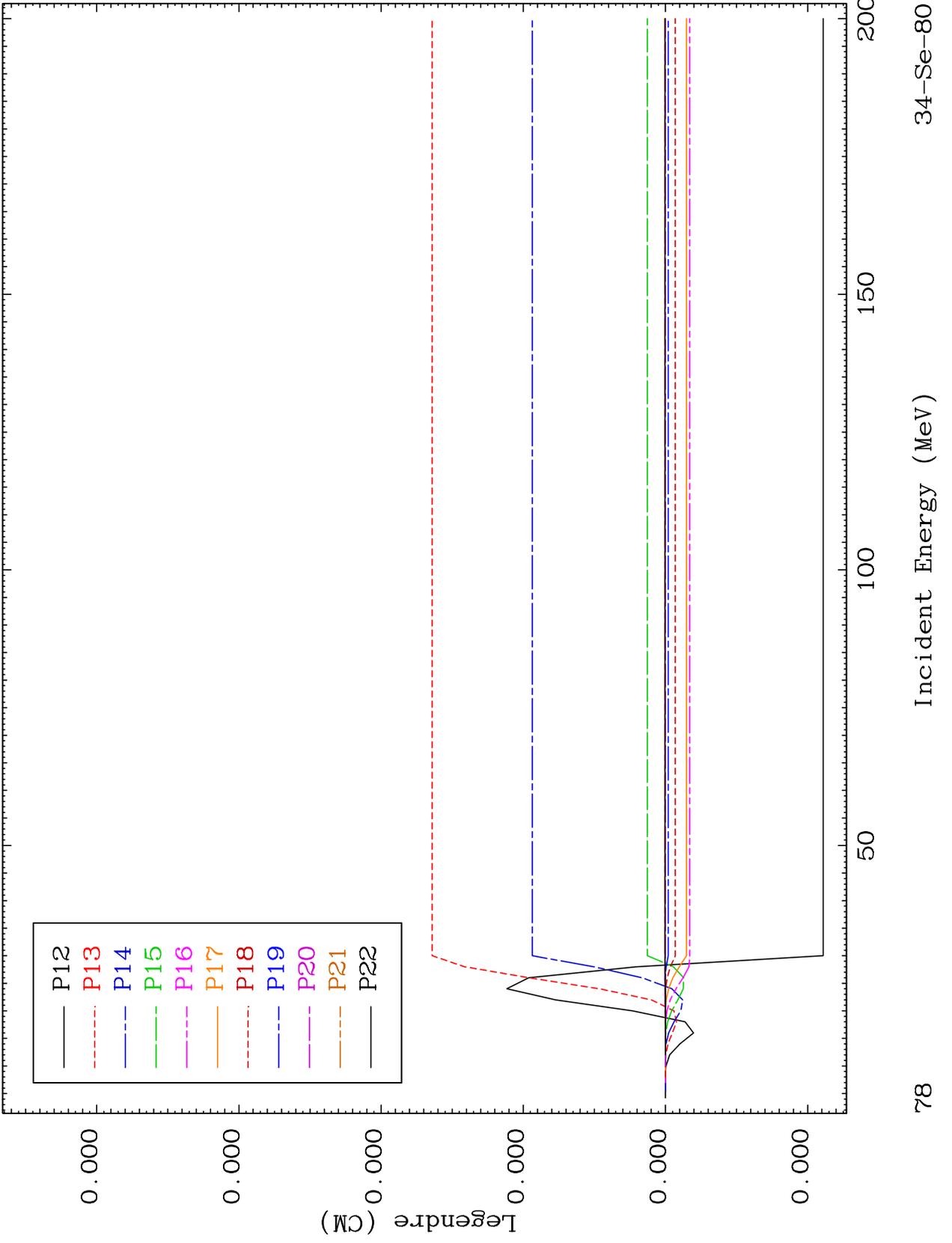
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



78

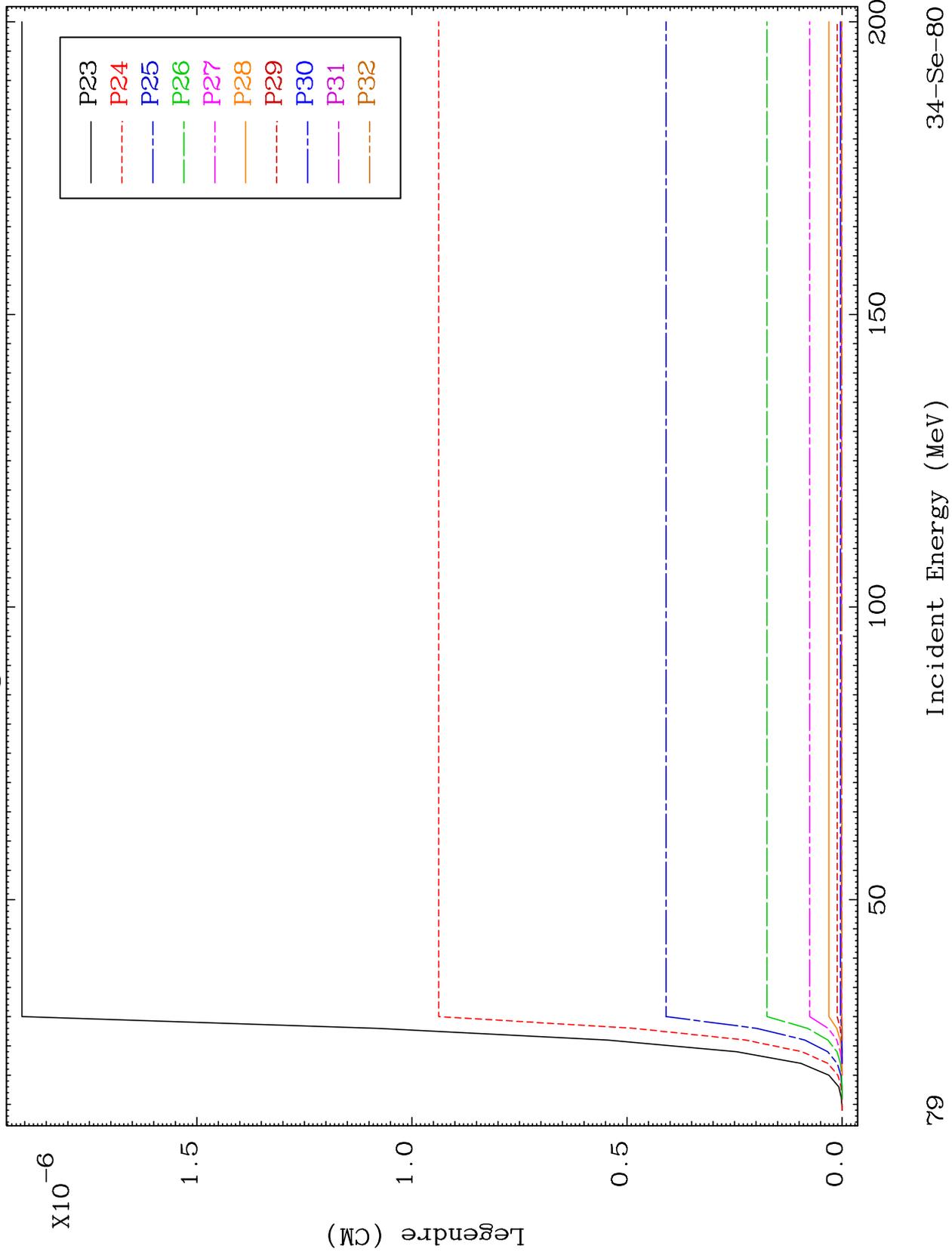
Incident Energy (MeV)

34-Se-80

MAT 3443

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

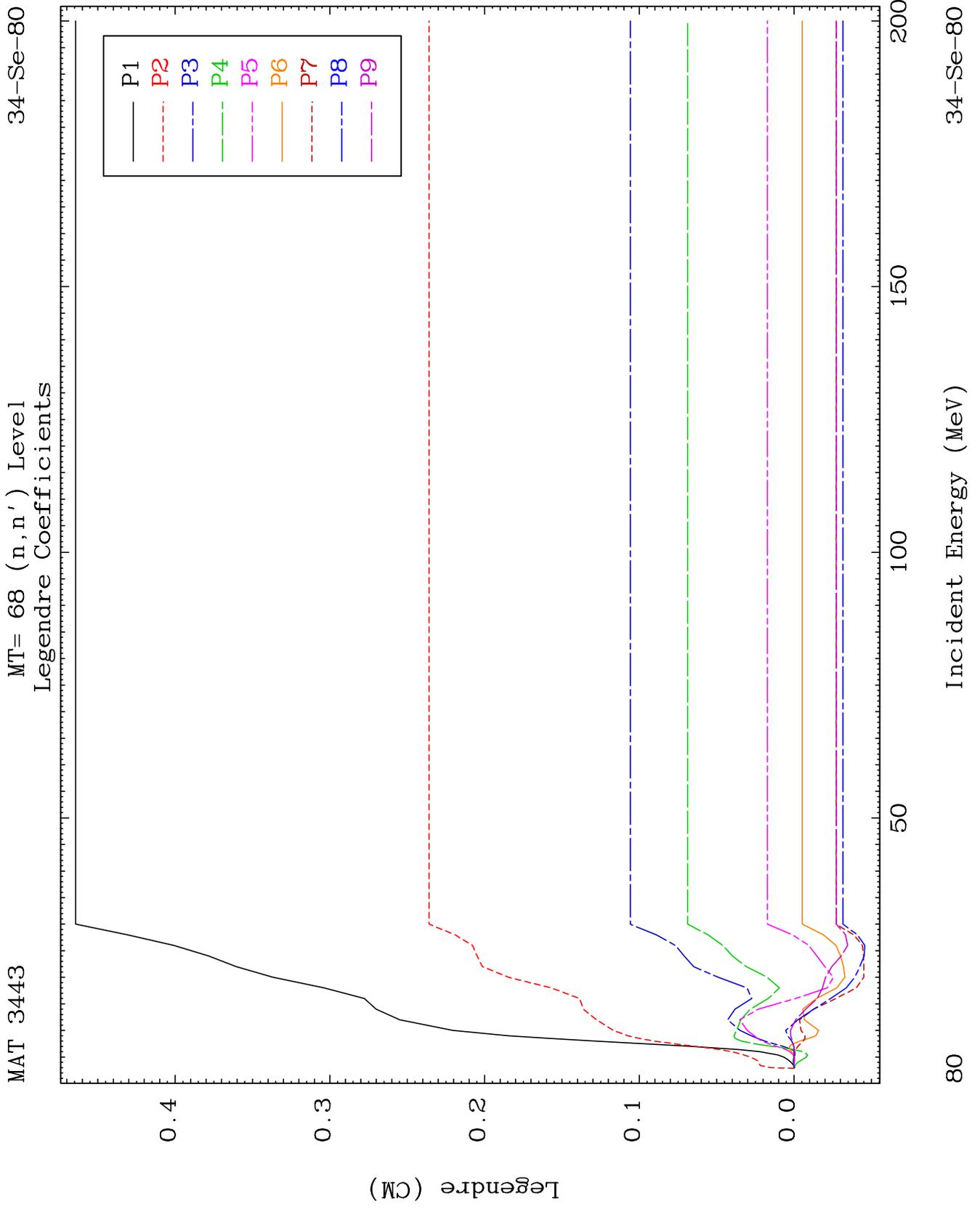
³⁴Se-80



79

Incident Energy (MeV)

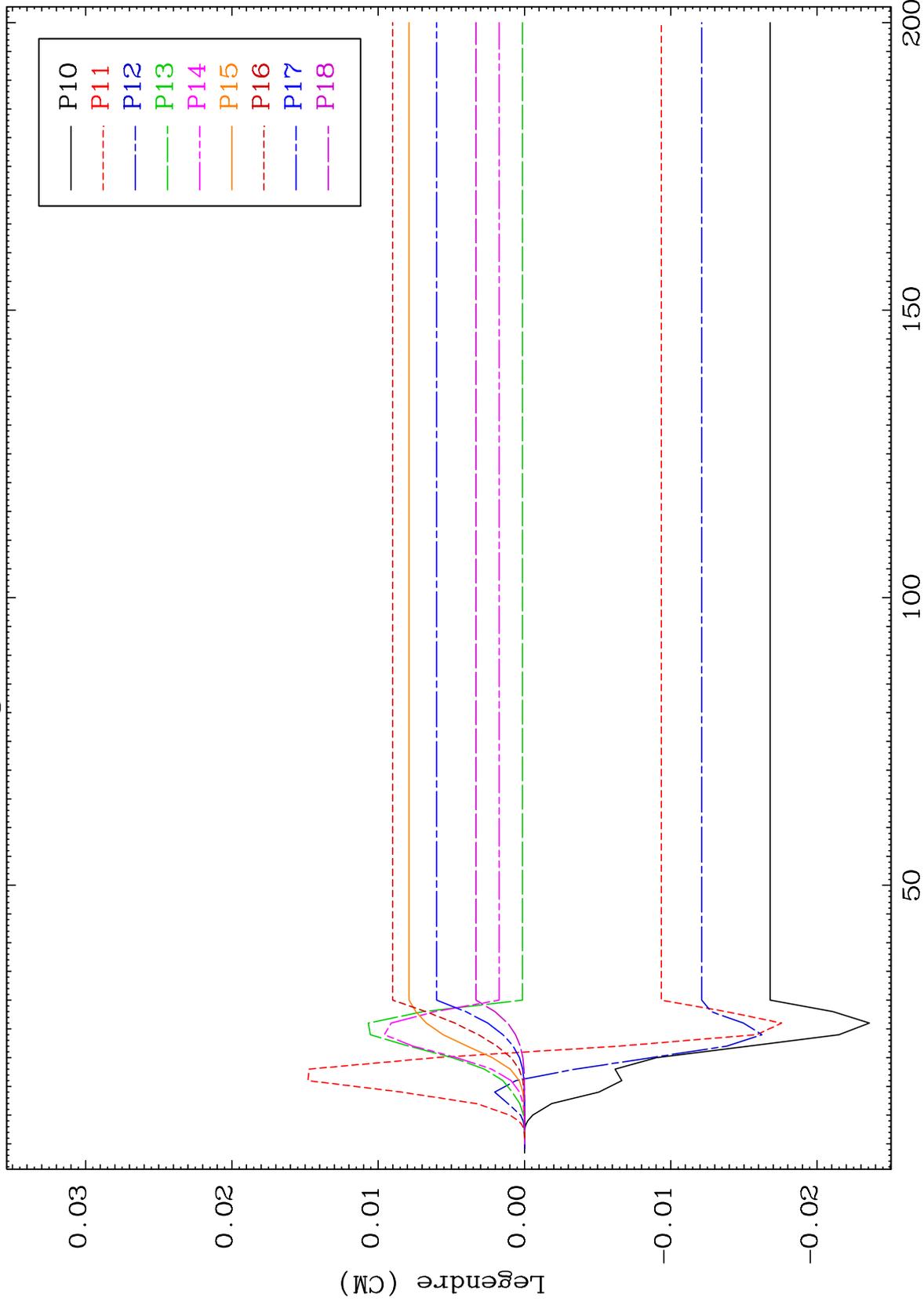
³⁴Se-80



MAT 3443

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

34-Se-80



81

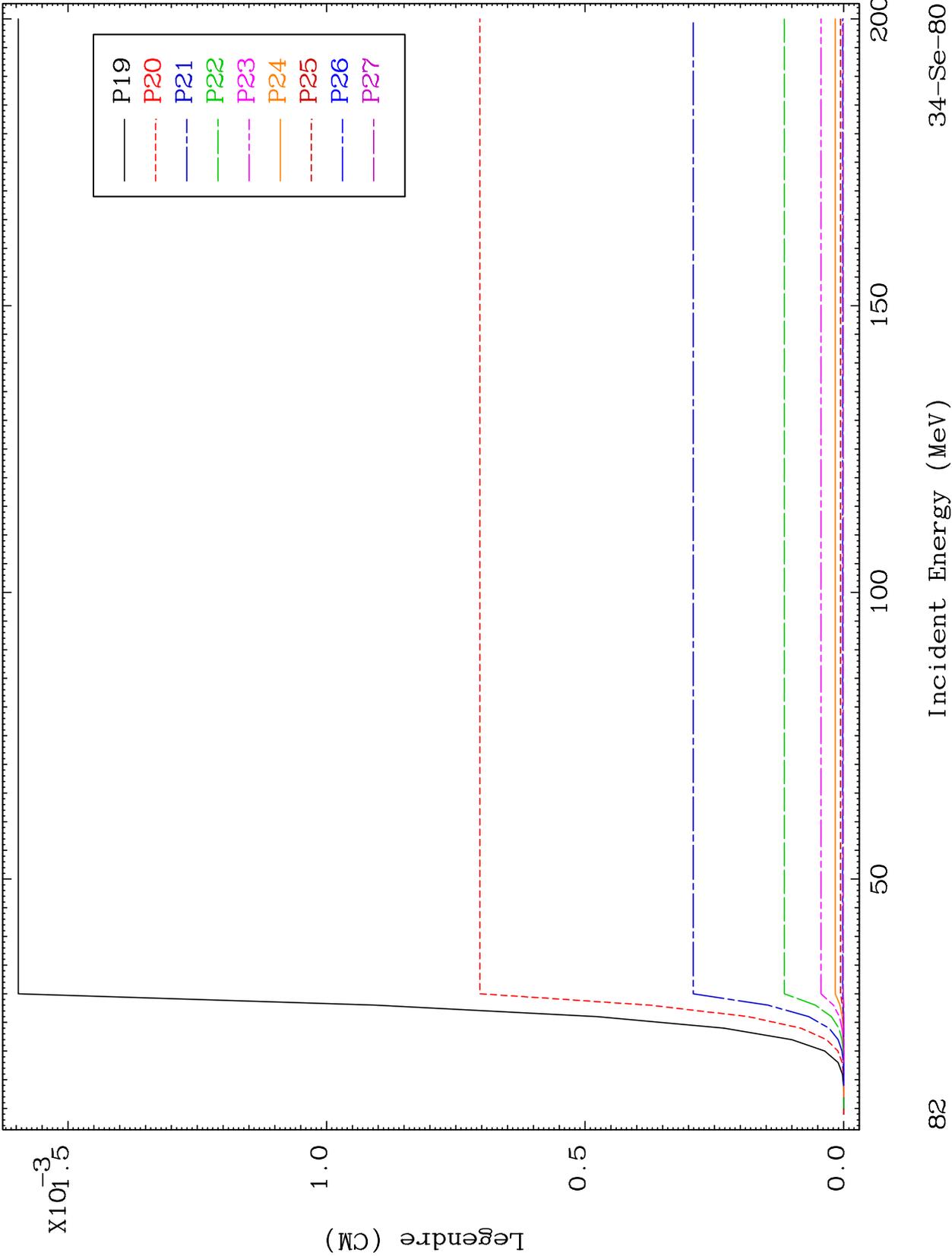
Incident Energy (MeV)

34-Se-80

MAT 3443

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

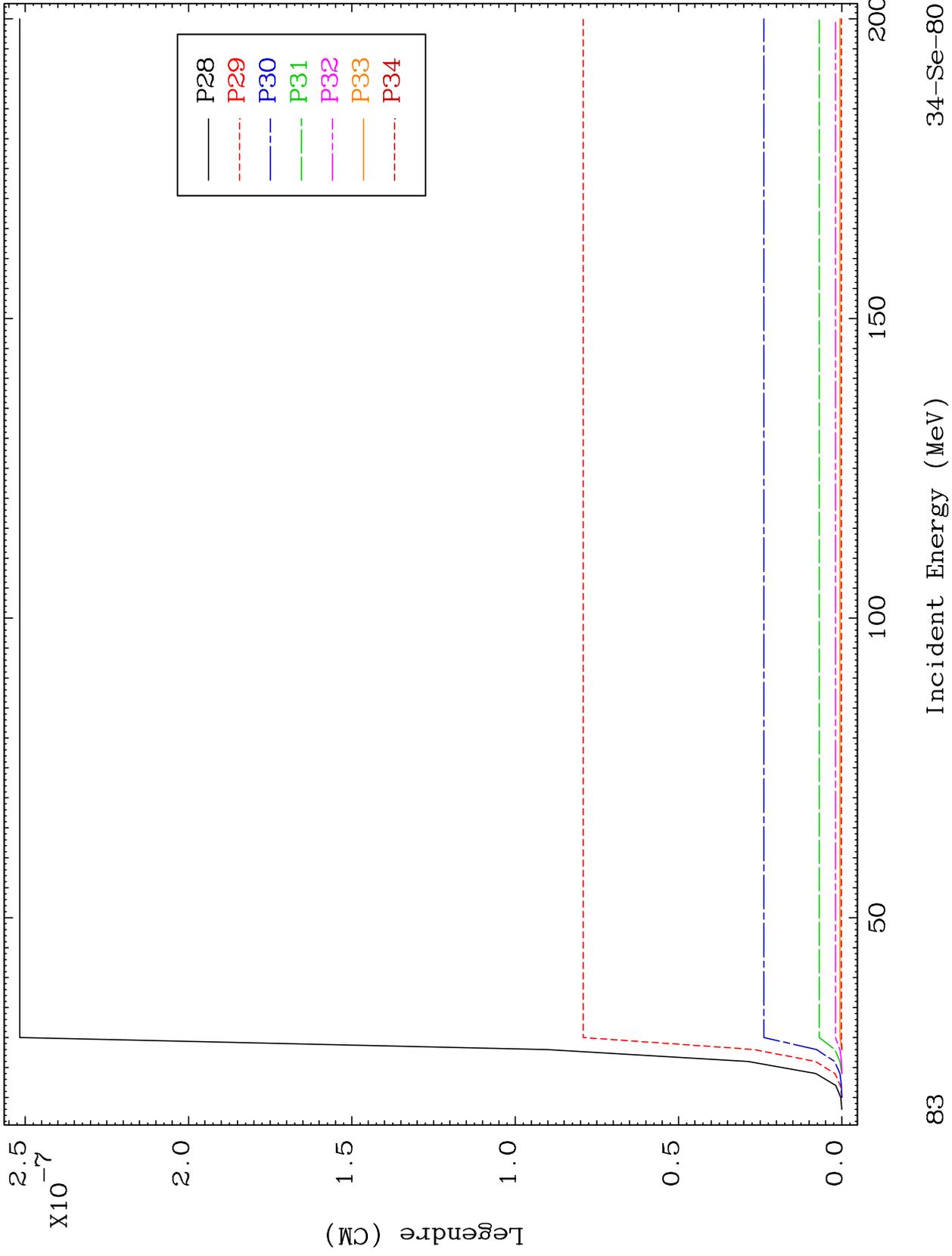
34-Se-80



MAT 3443

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

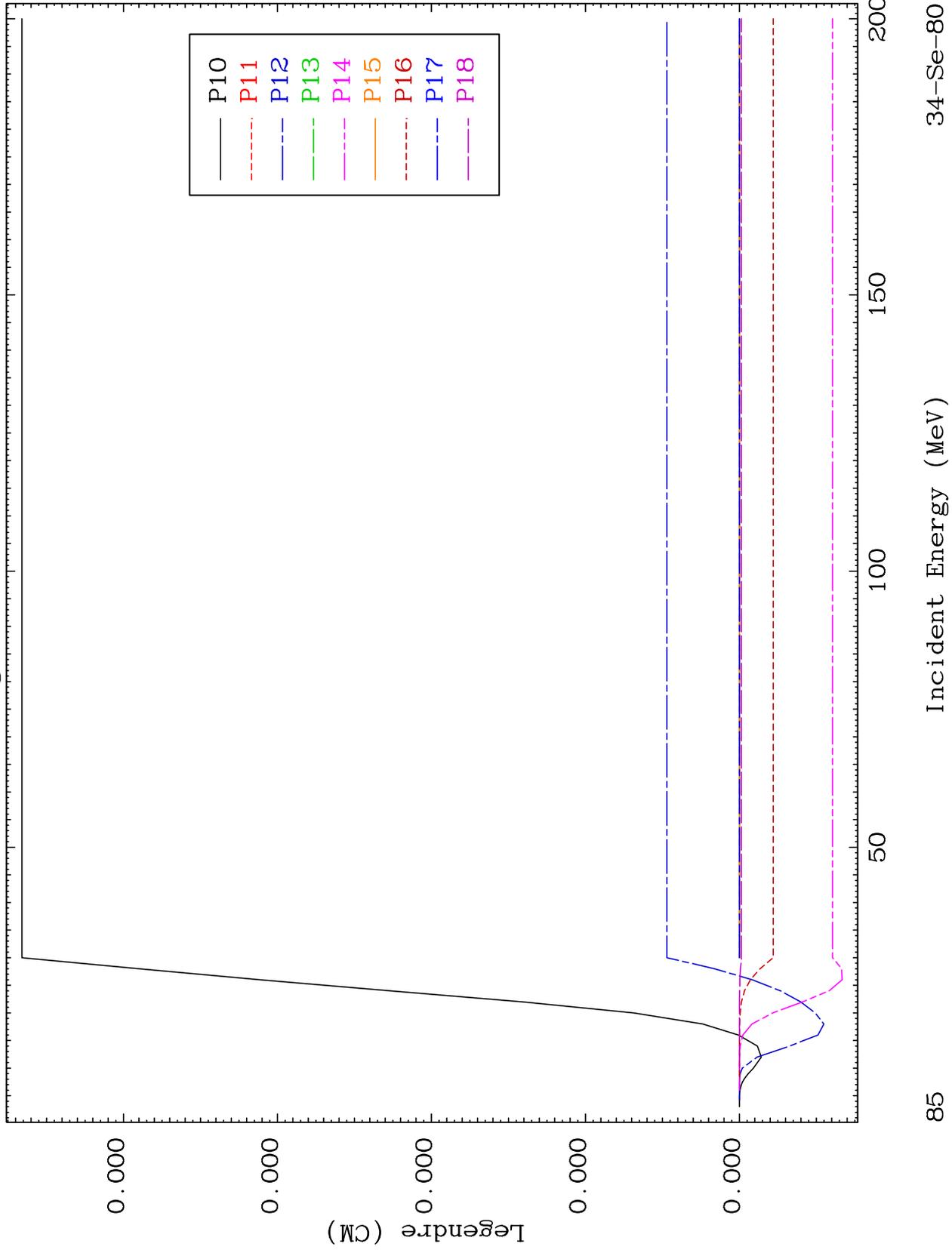
³⁴Se-80



MAT 3443

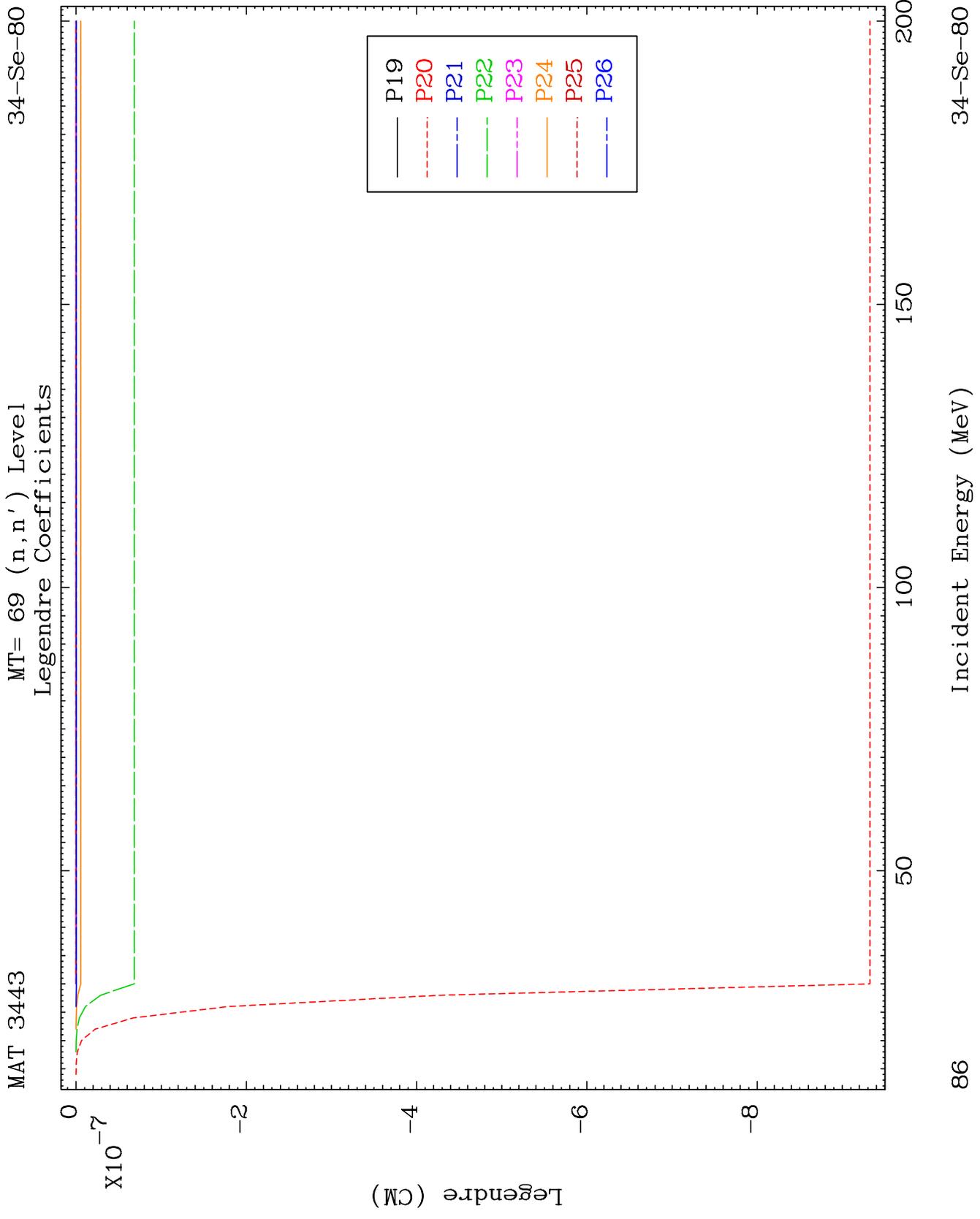
MT= 69 (n,n') Level
Legendre Coefficients

³⁴Se-80



85

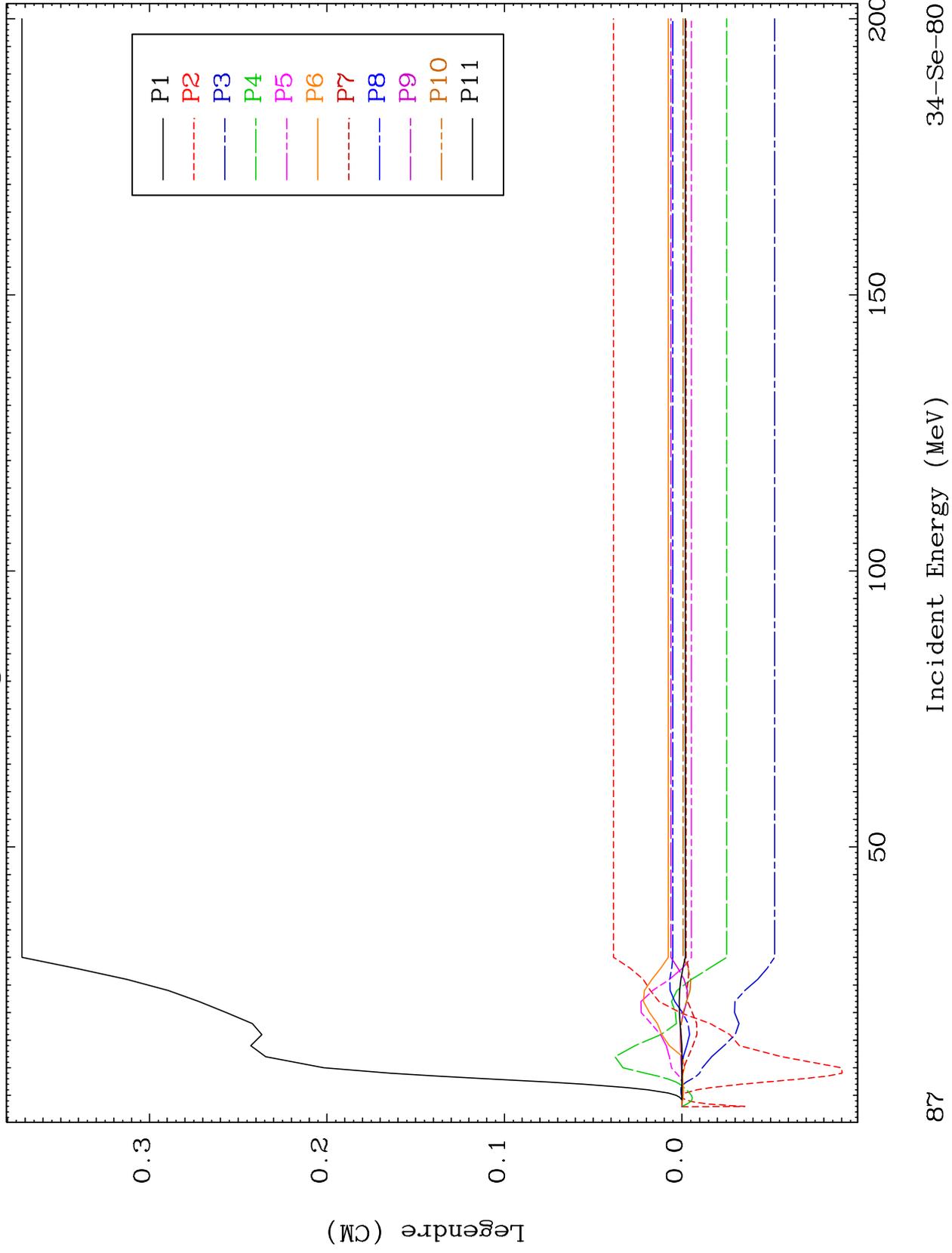
³⁴Se-80



MAT 3443

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

³⁴Se-80



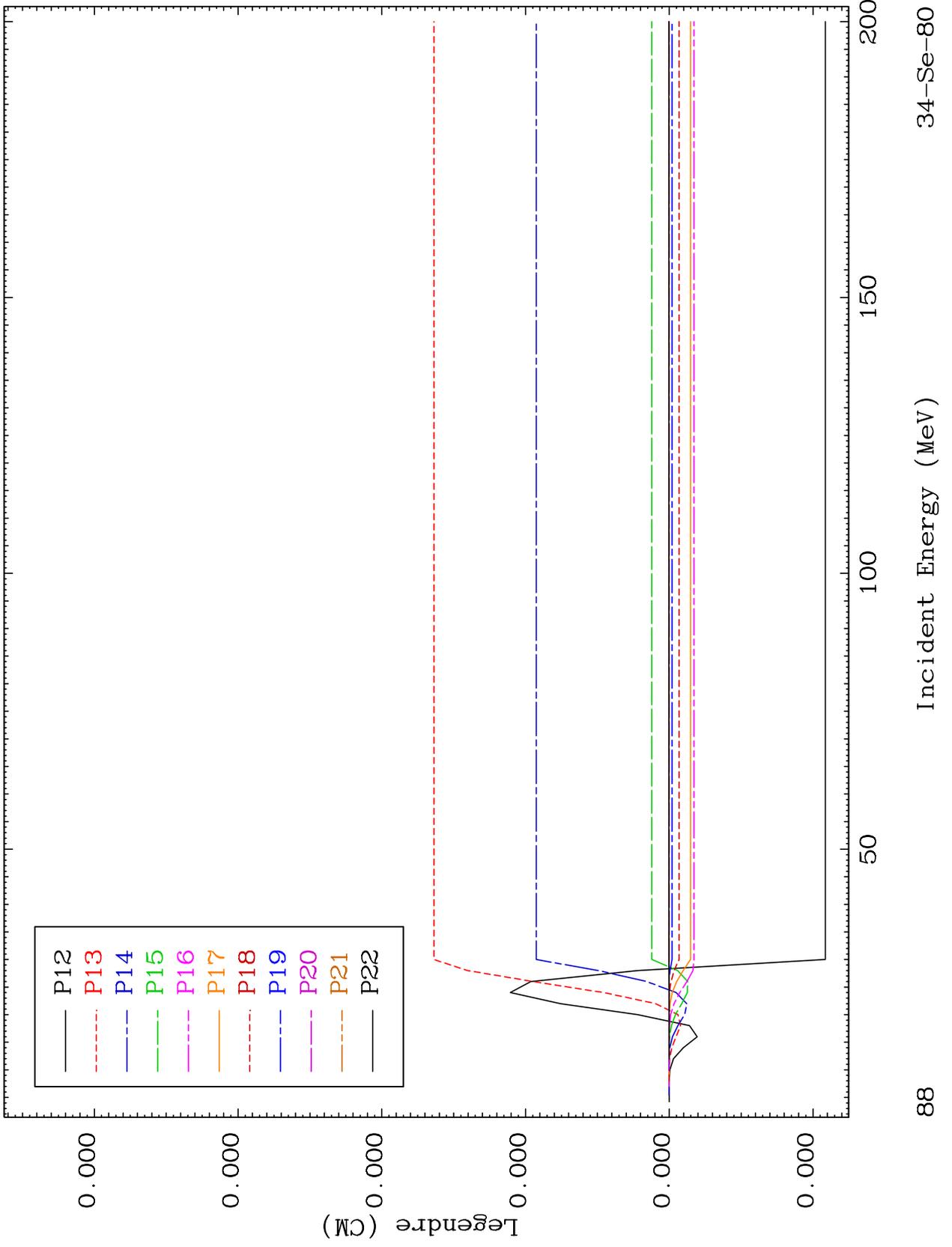
87

³⁴Se-80

MAT 3443

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

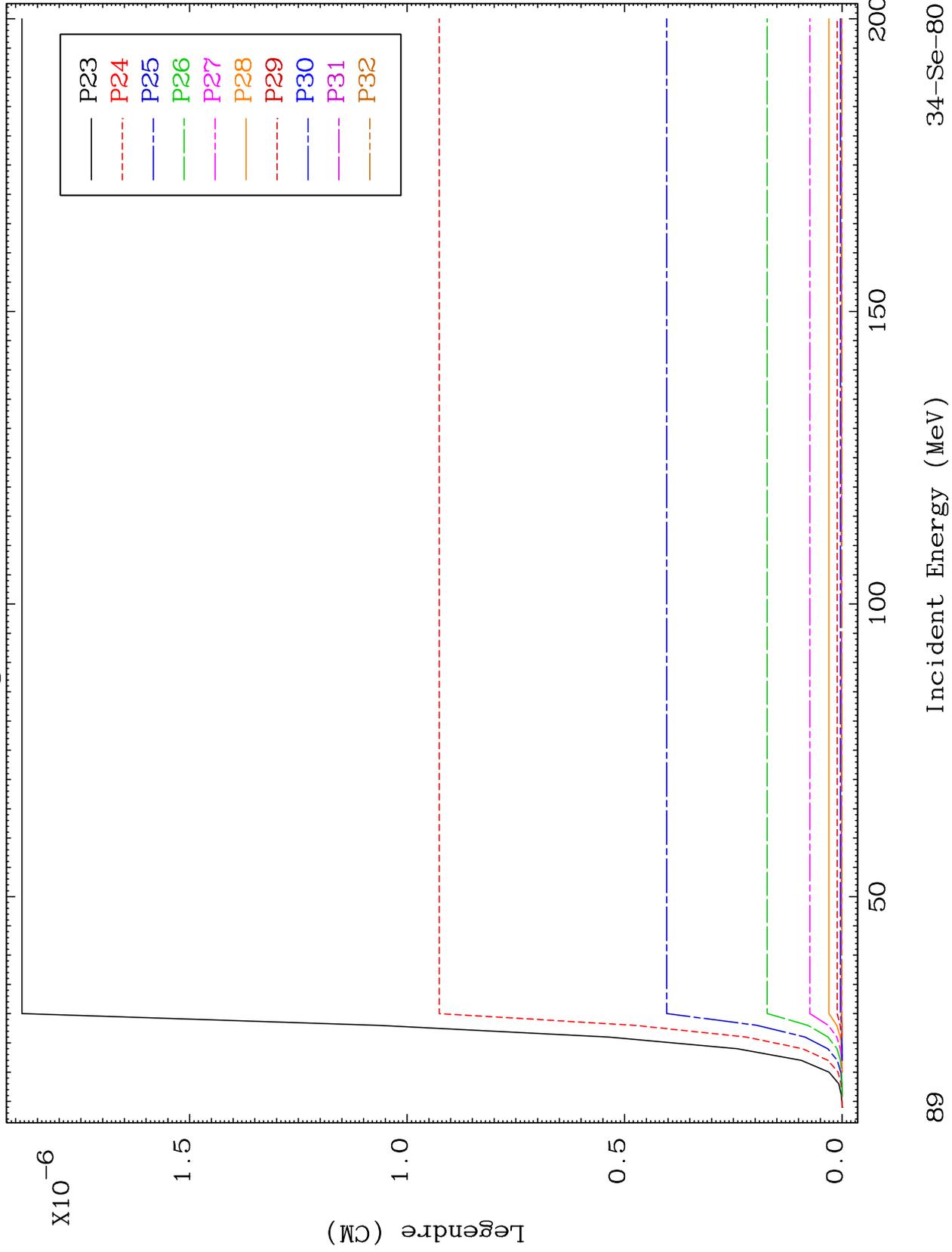
³⁴Se-80



MAT 3443

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

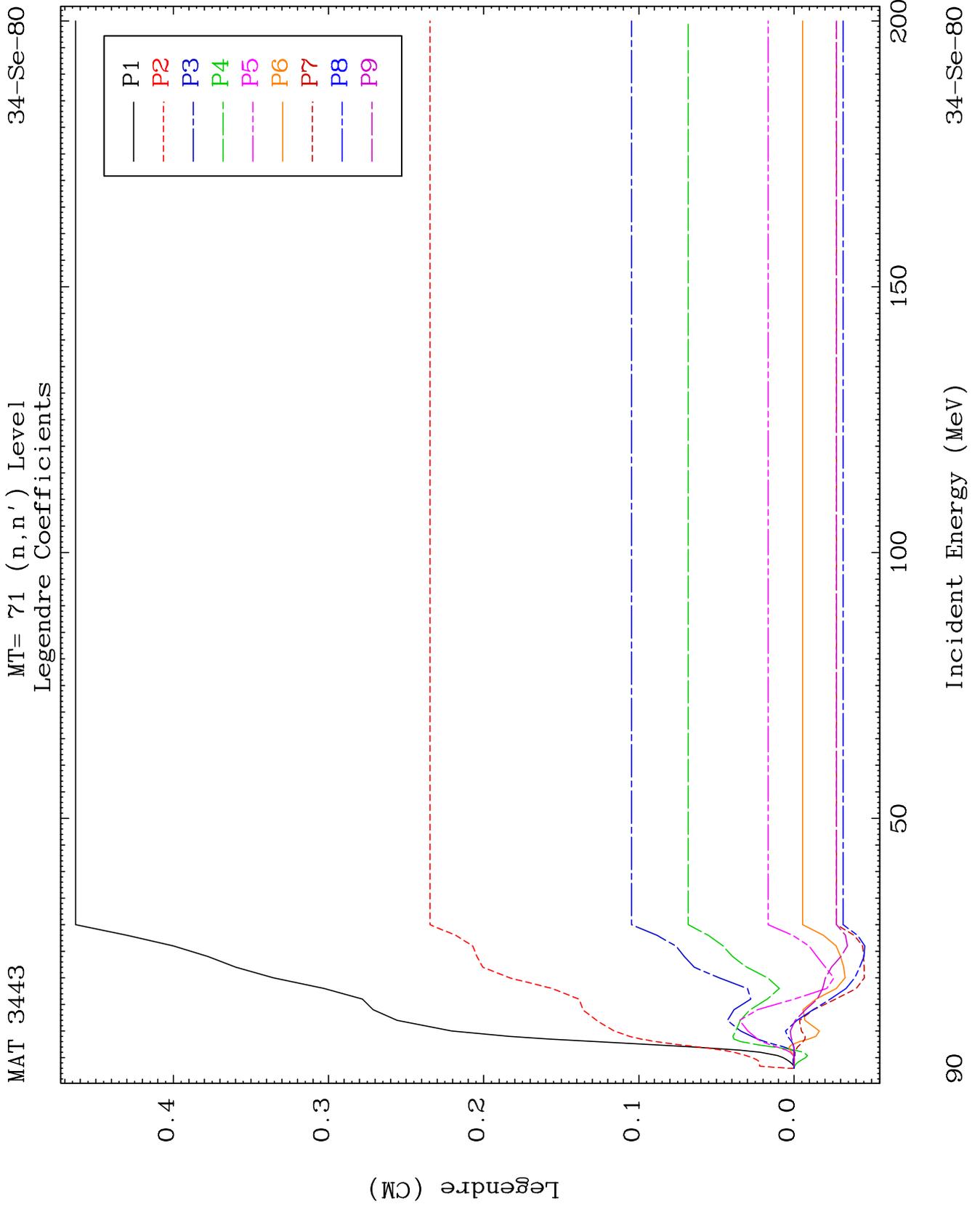
³⁴Se-80



89

Incident Energy (MeV)

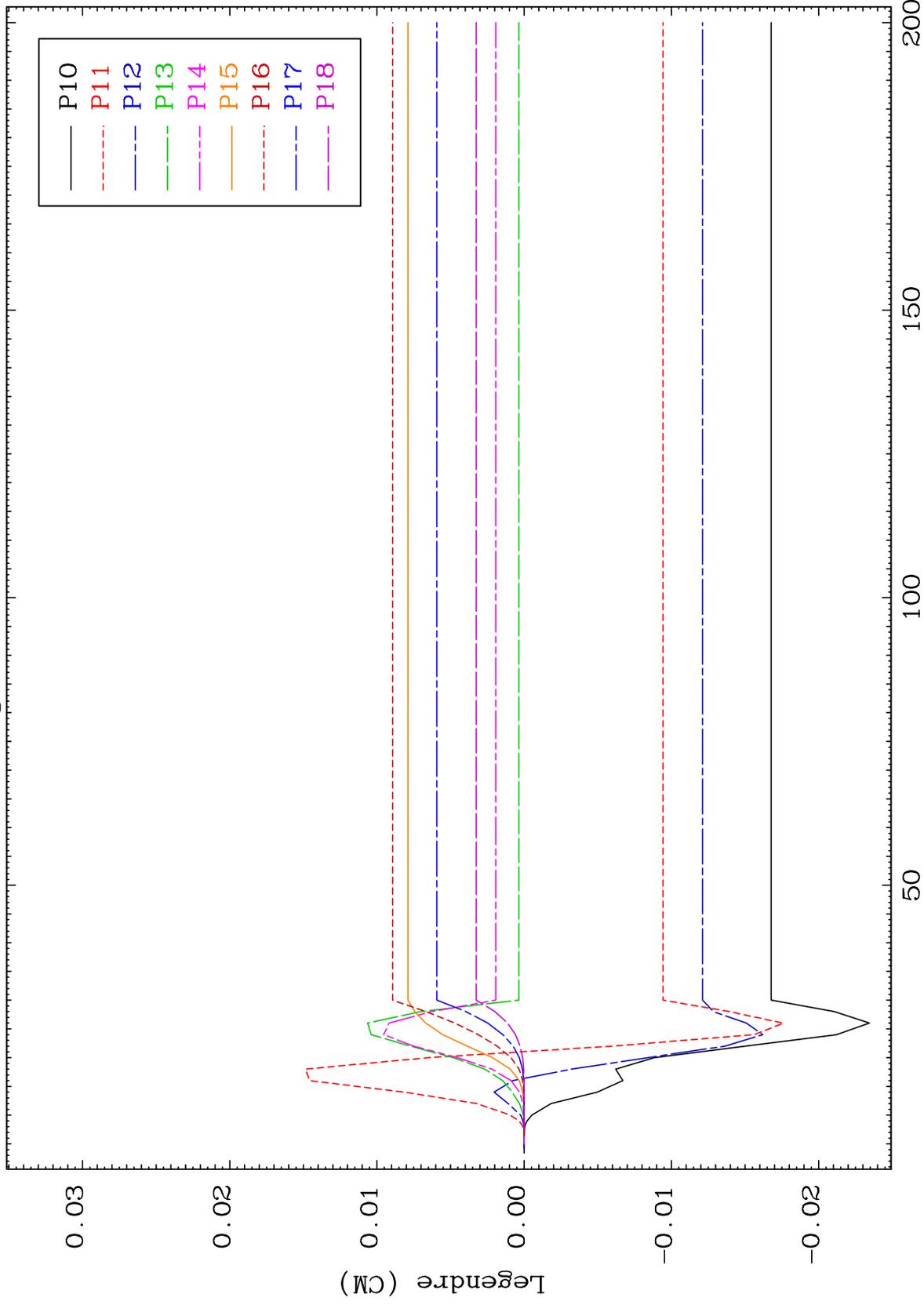
³⁴Se-80



MAT 3443

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

³⁴Se-80



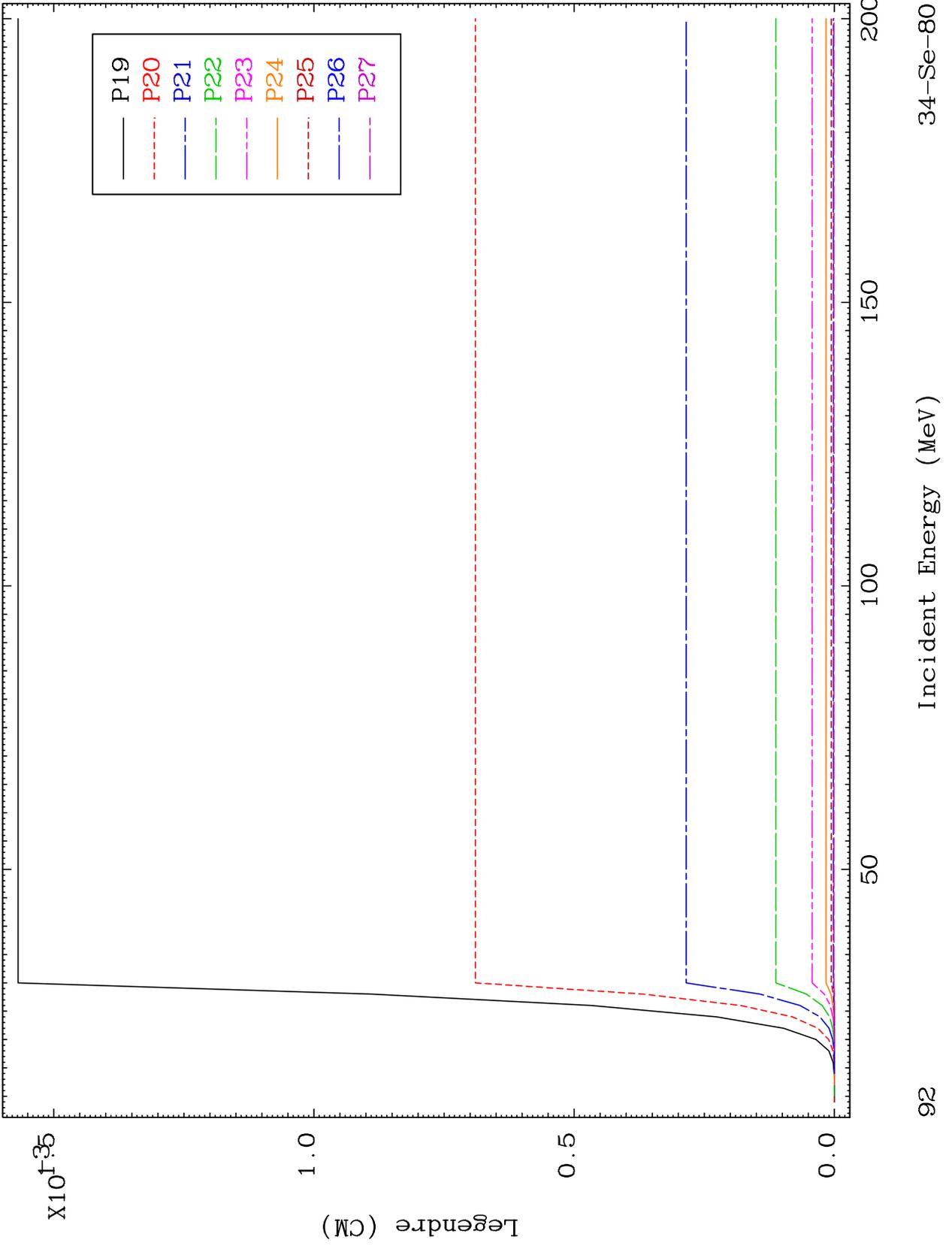
91

³⁴Se-80

MAT 3443

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

34-Se-80



92

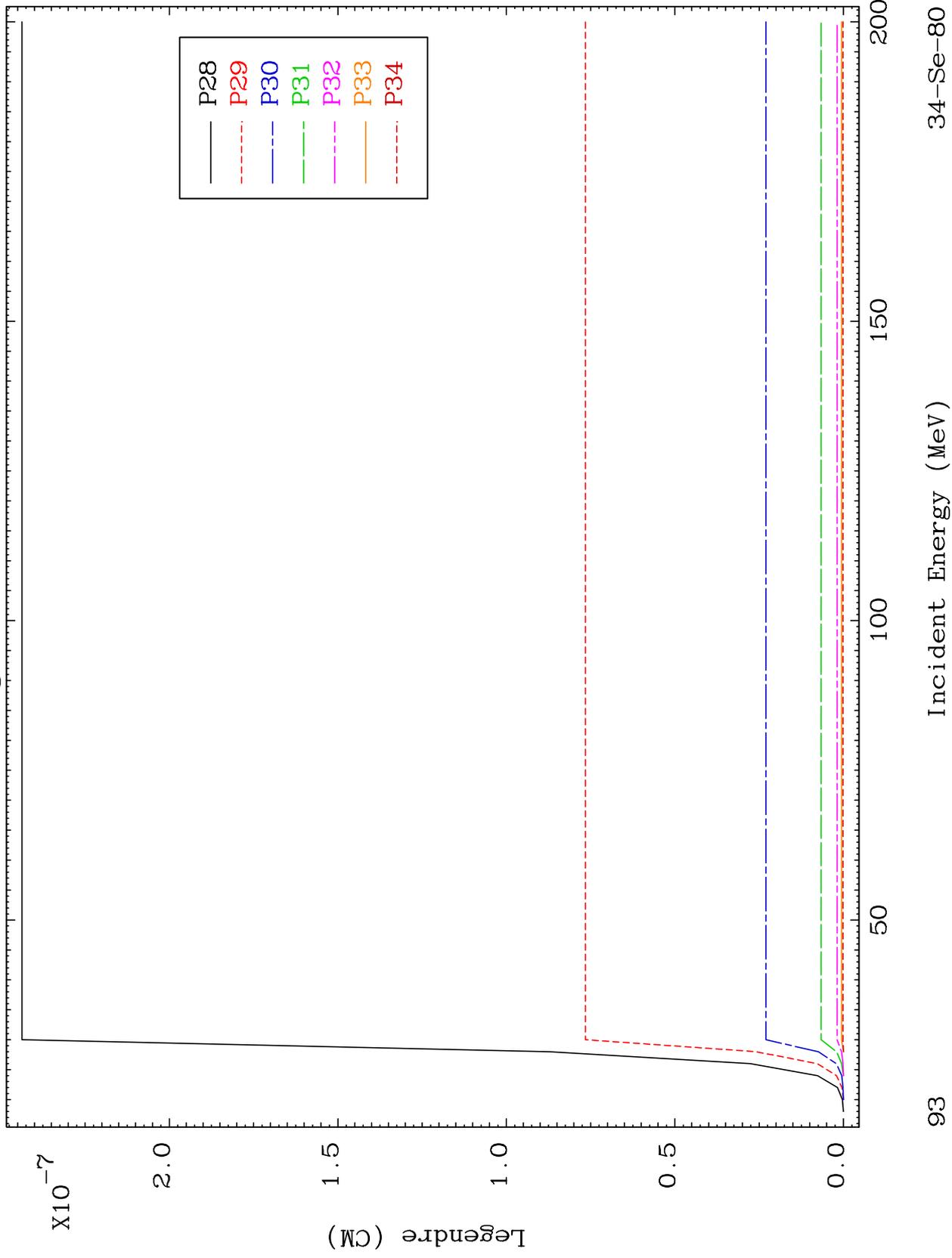
Incident Energy (MeV)

34-Se-80

MAT 3443

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

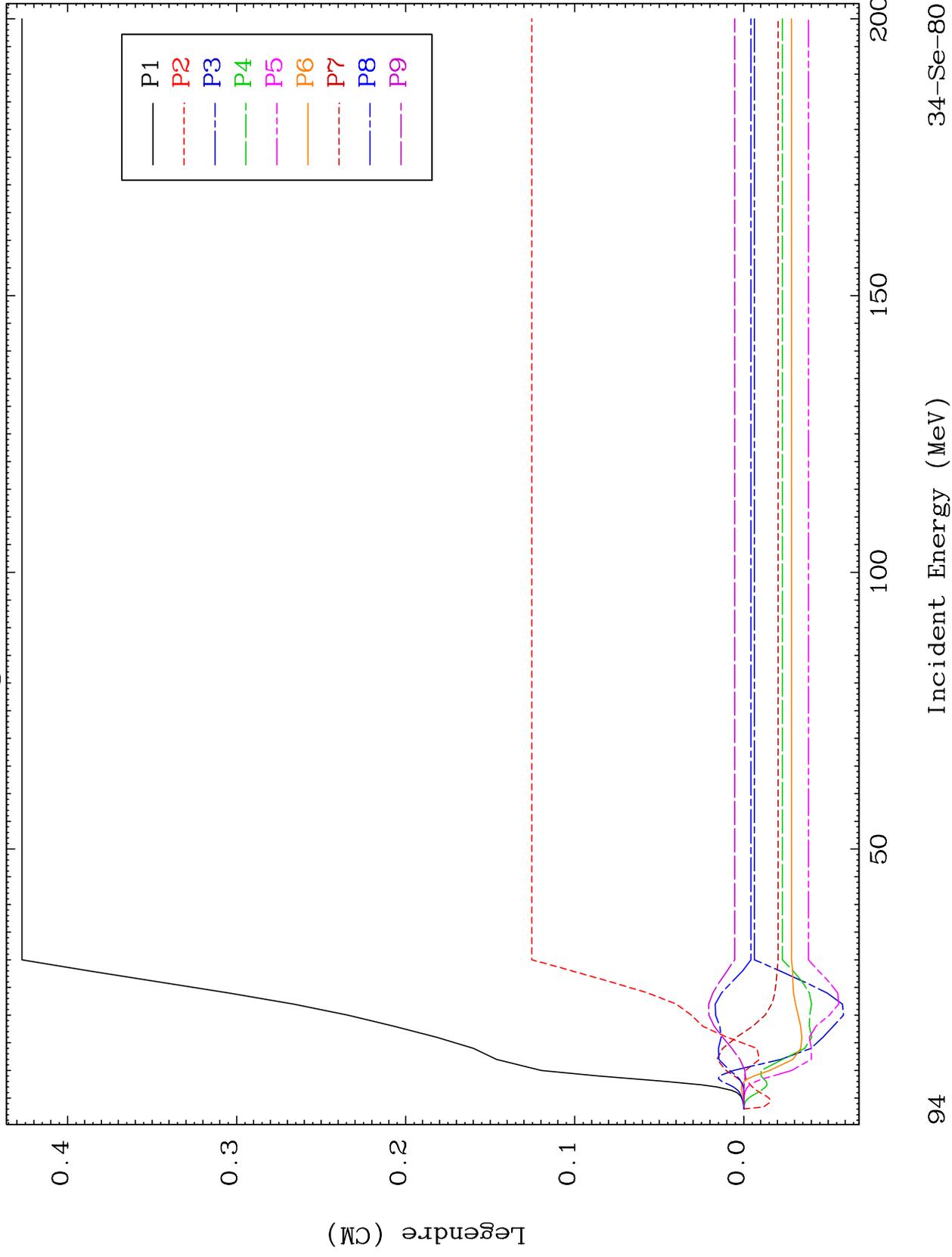
34-Se-80



MAT 3443

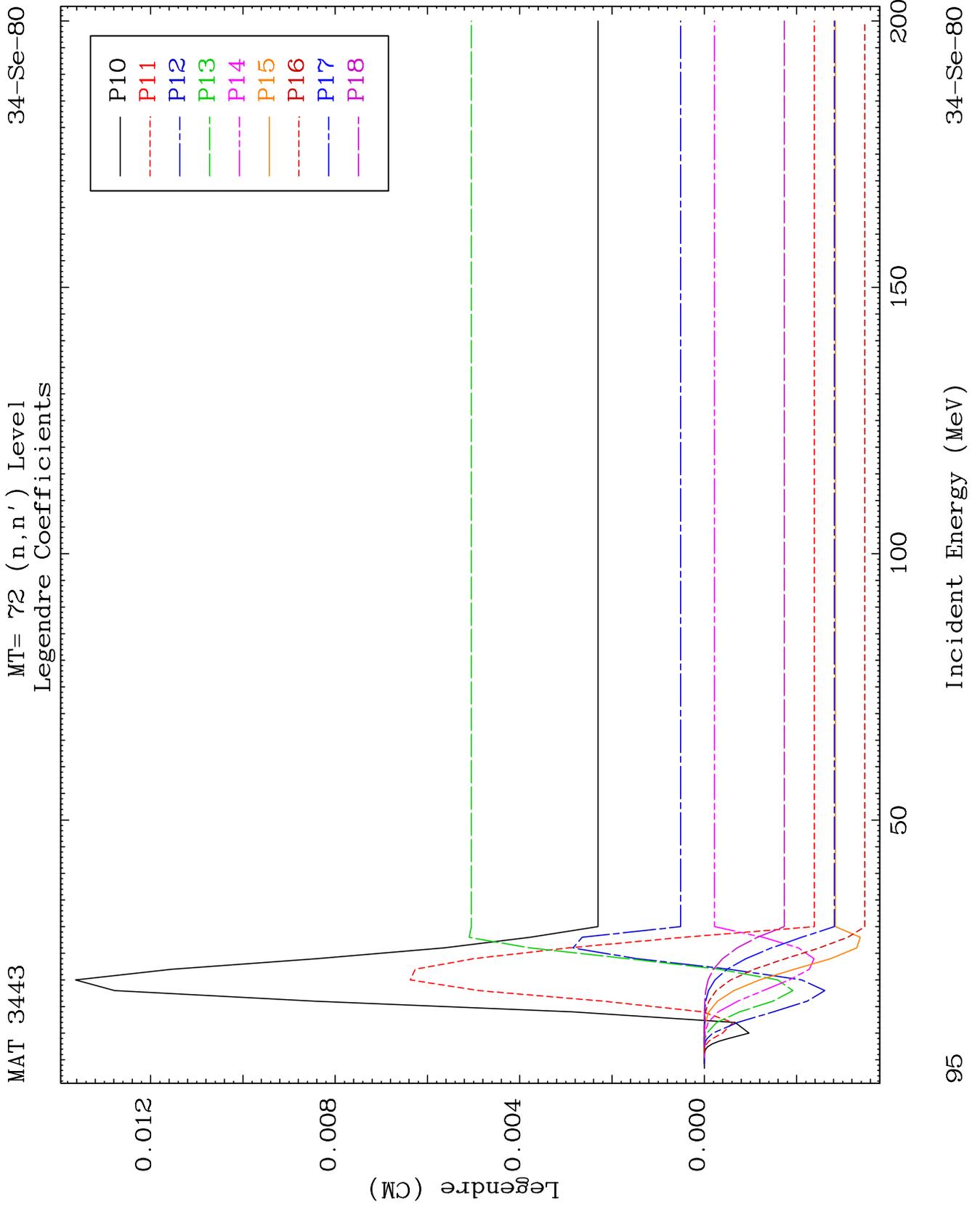
MT= 72 (n,n') Level
Legendre Coefficients

³⁴Se-80



94

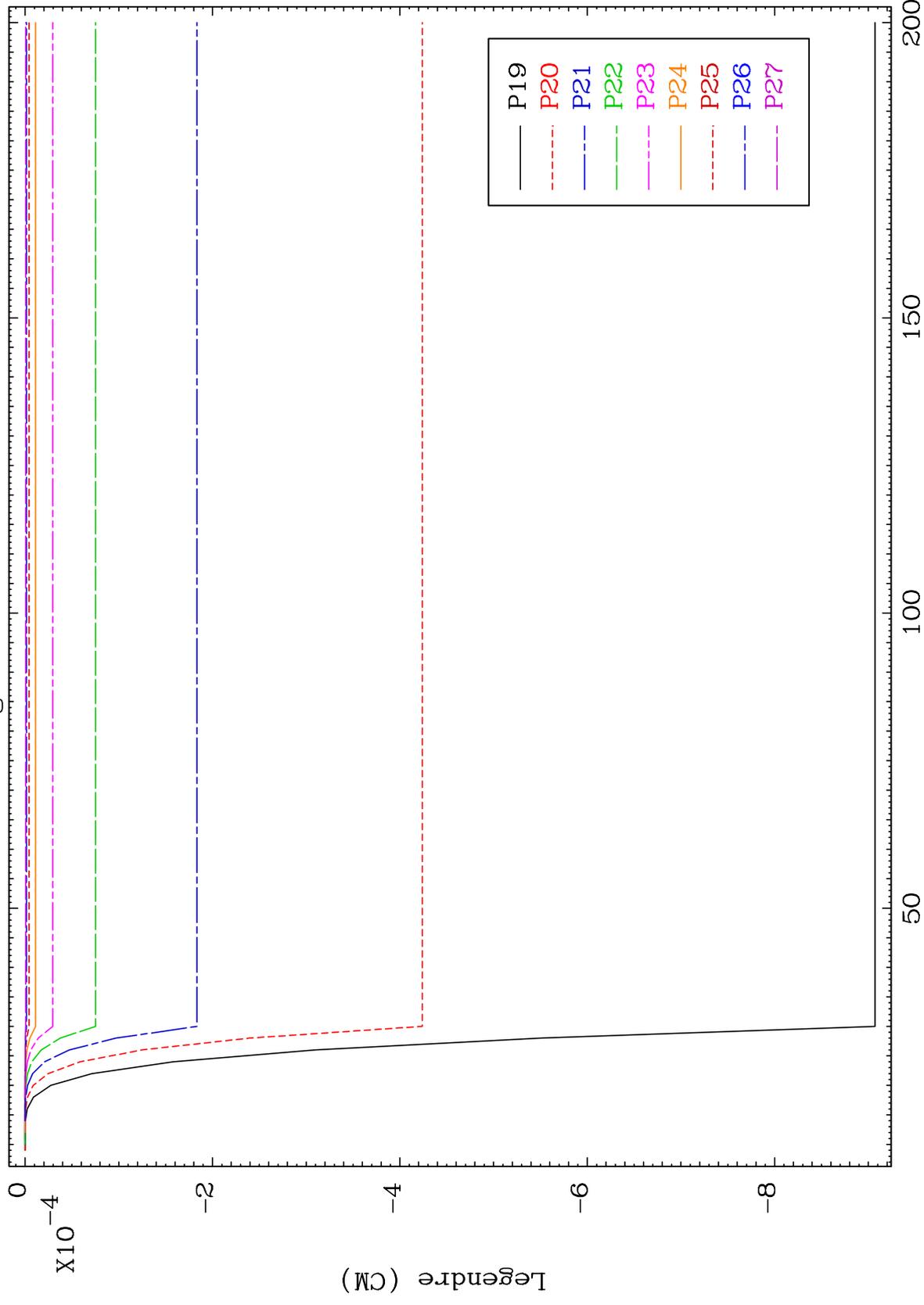
³⁴Se-80

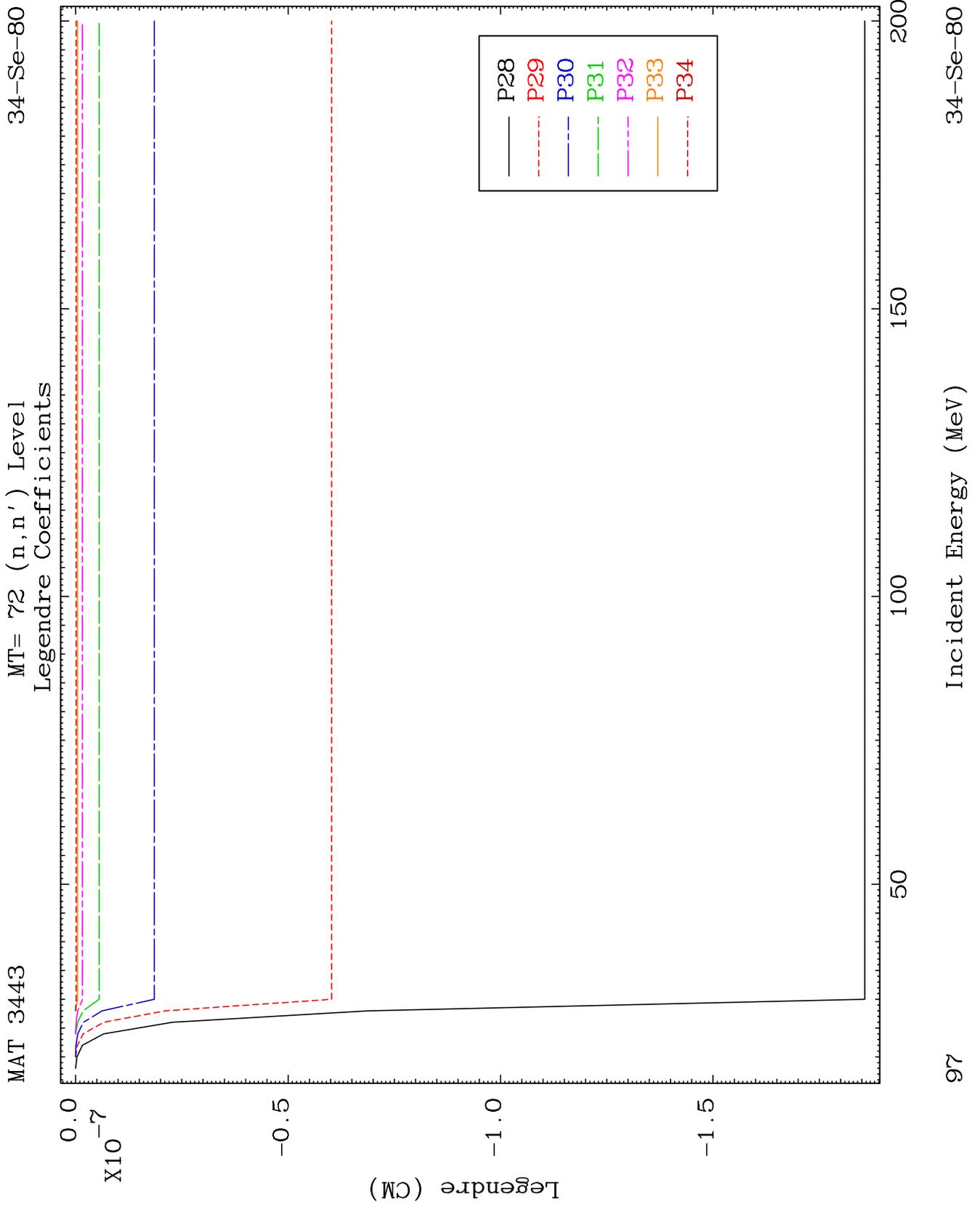


MAT 3443

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

³⁴Se-80

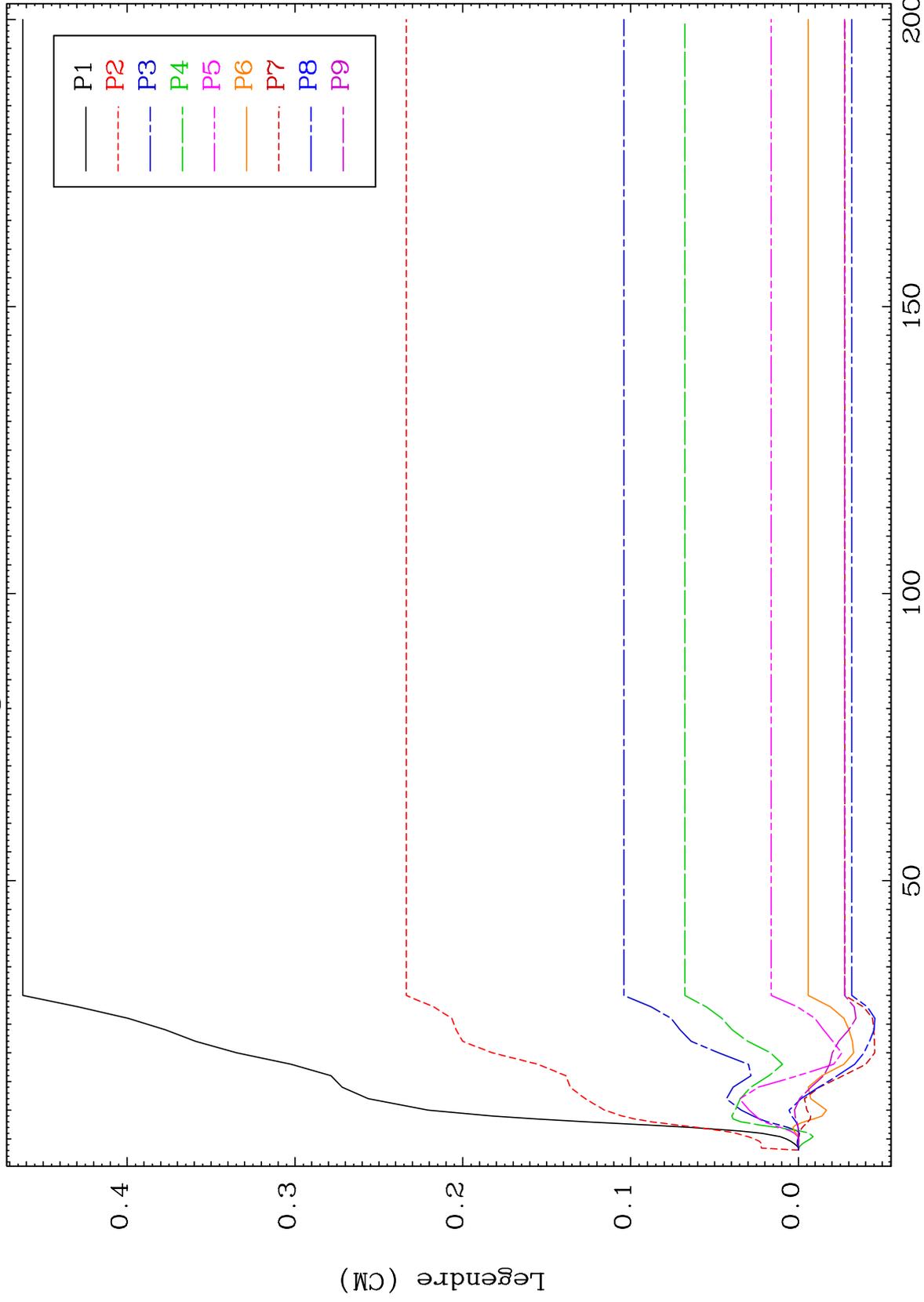




MAT 3443

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

³⁴Se-80



98

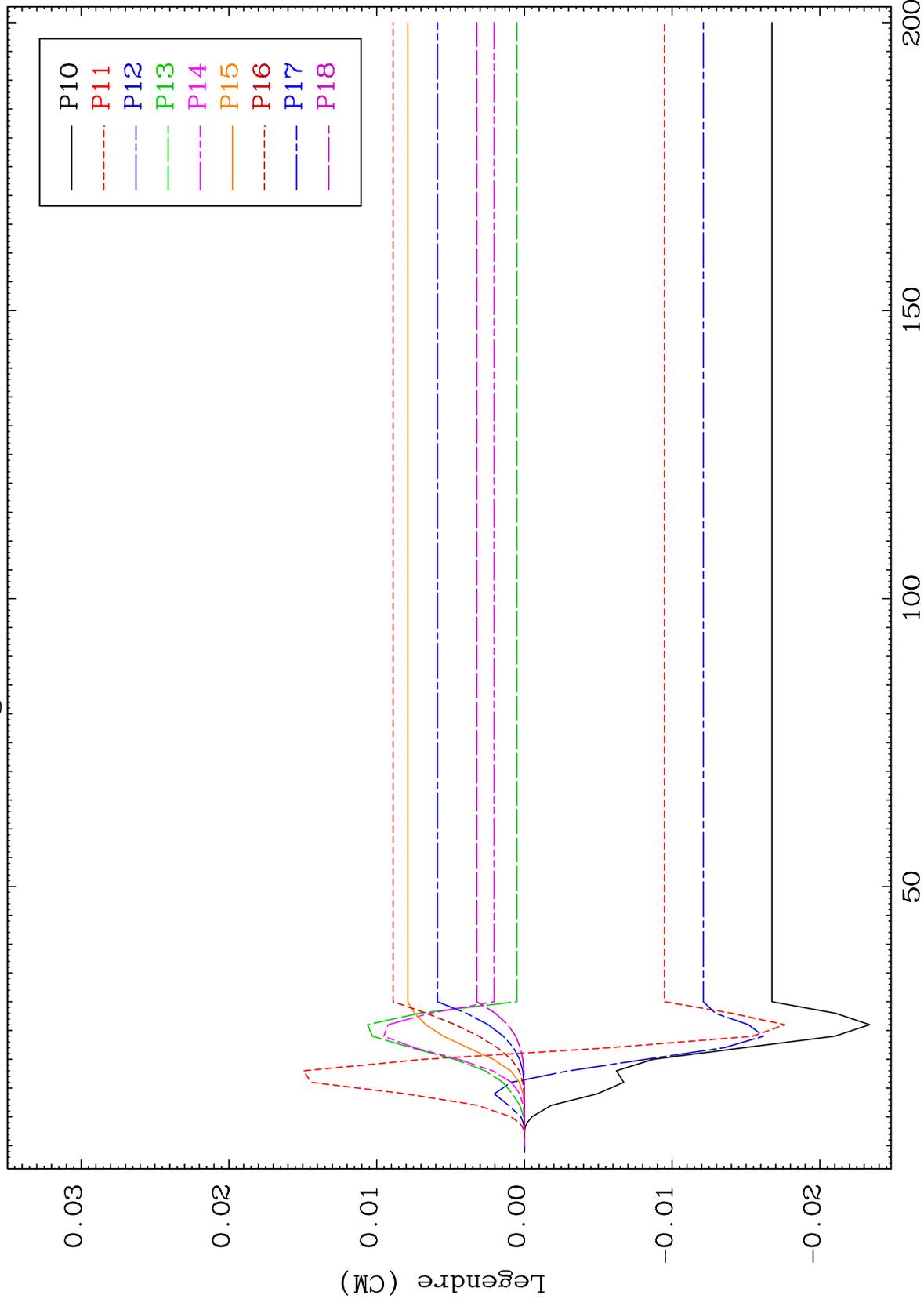
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



99

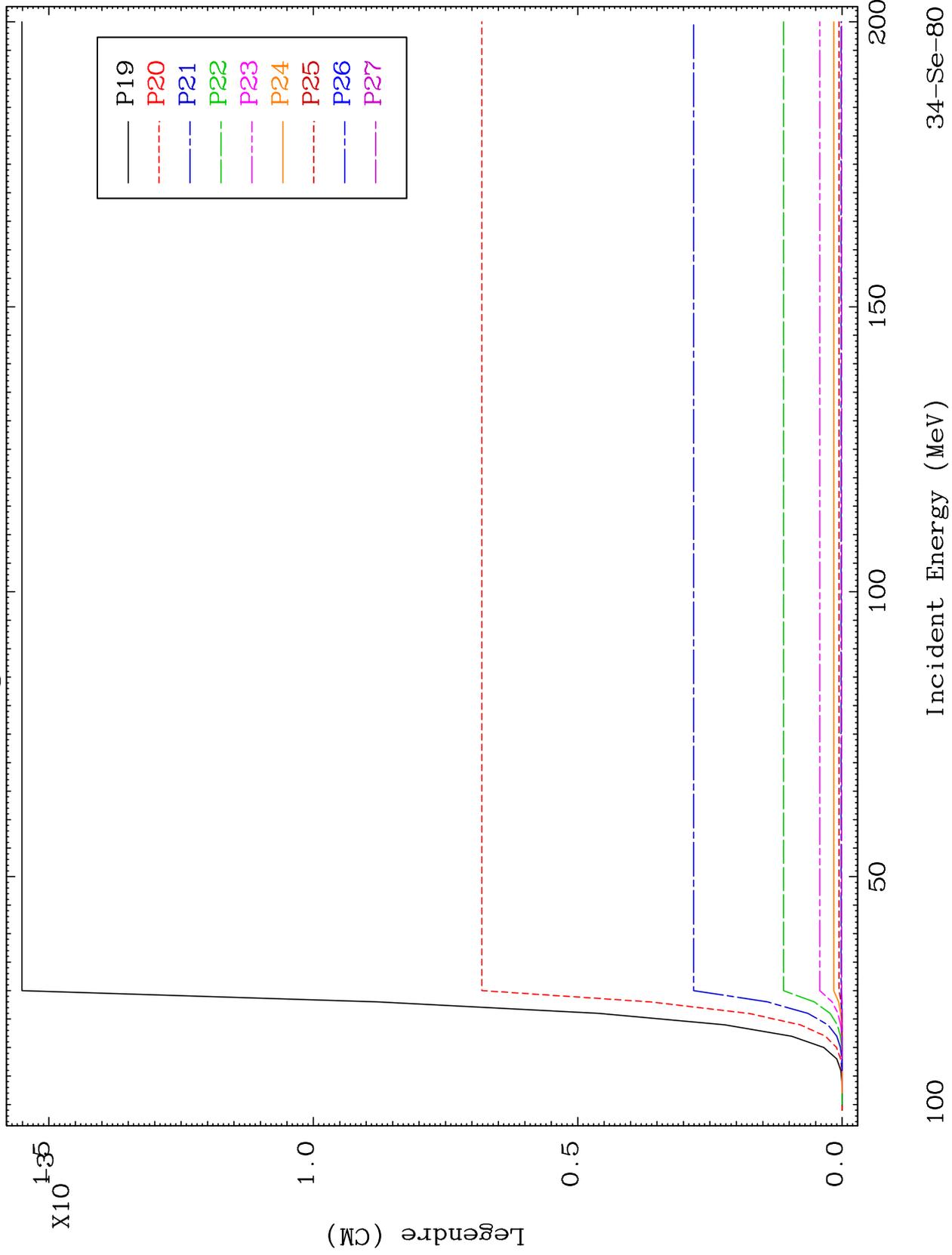
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



100

Incident Energy (MeV)

50

100

150

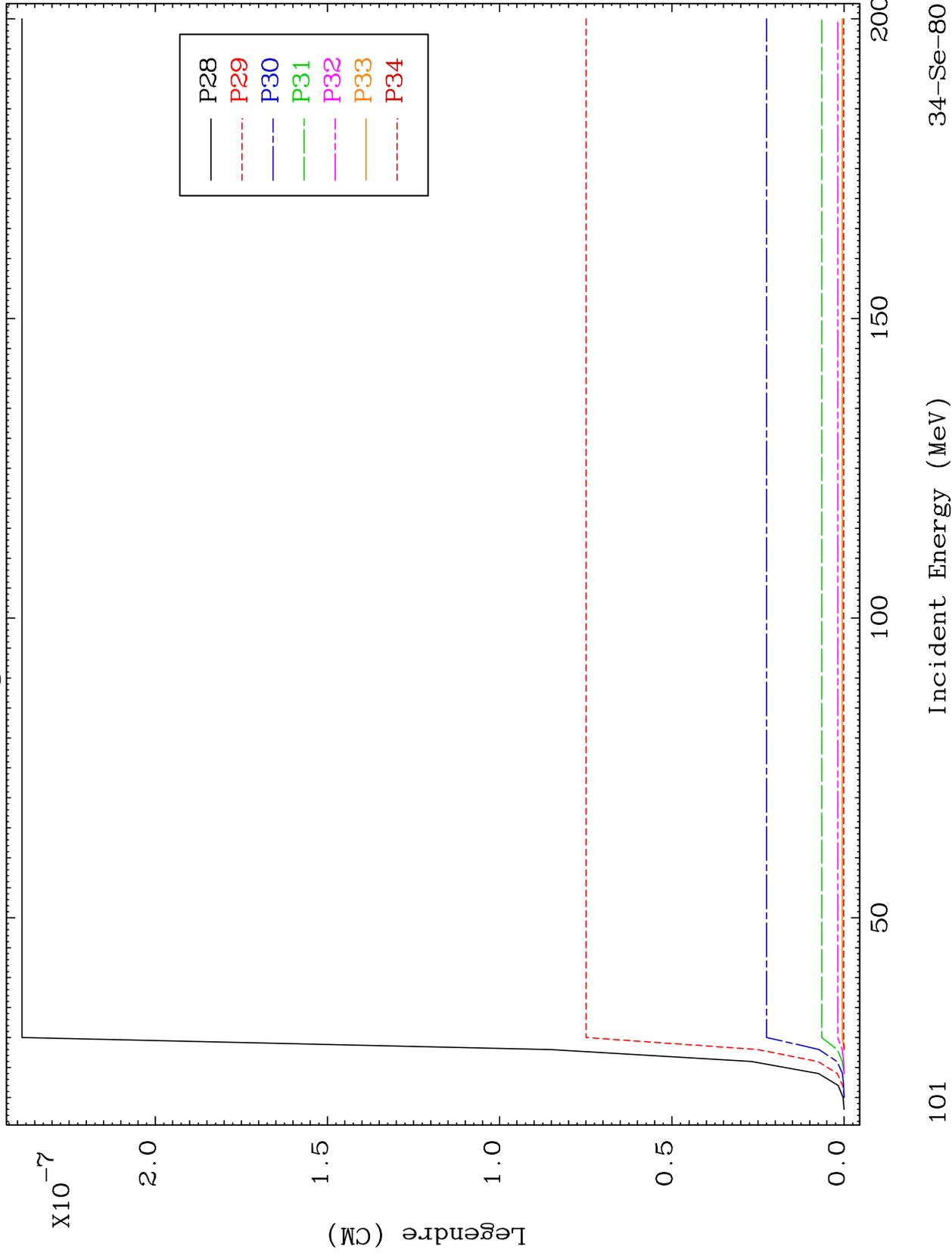
200

³⁴Se-80

MAT 3443

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

34-Se-80



101

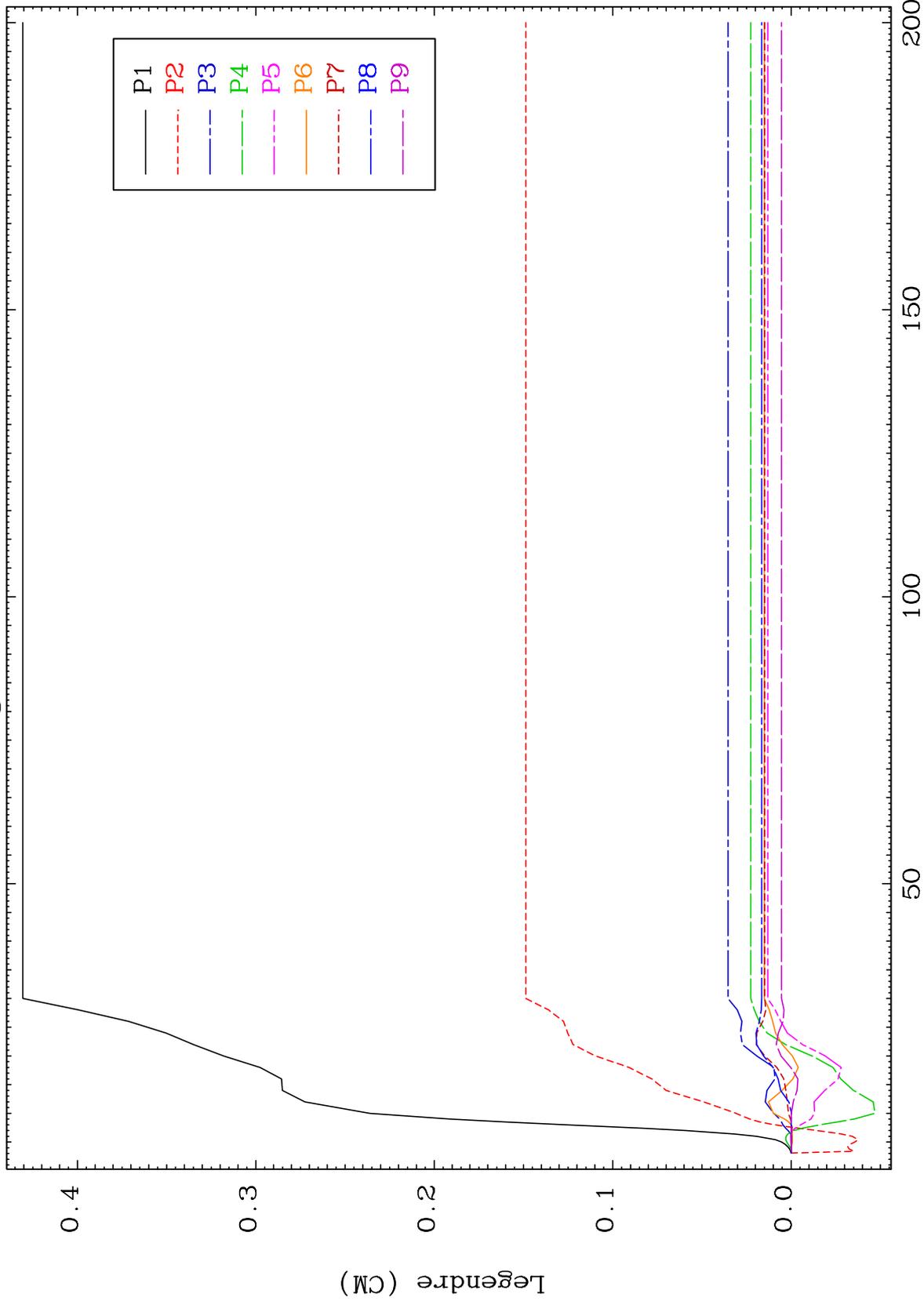
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



102

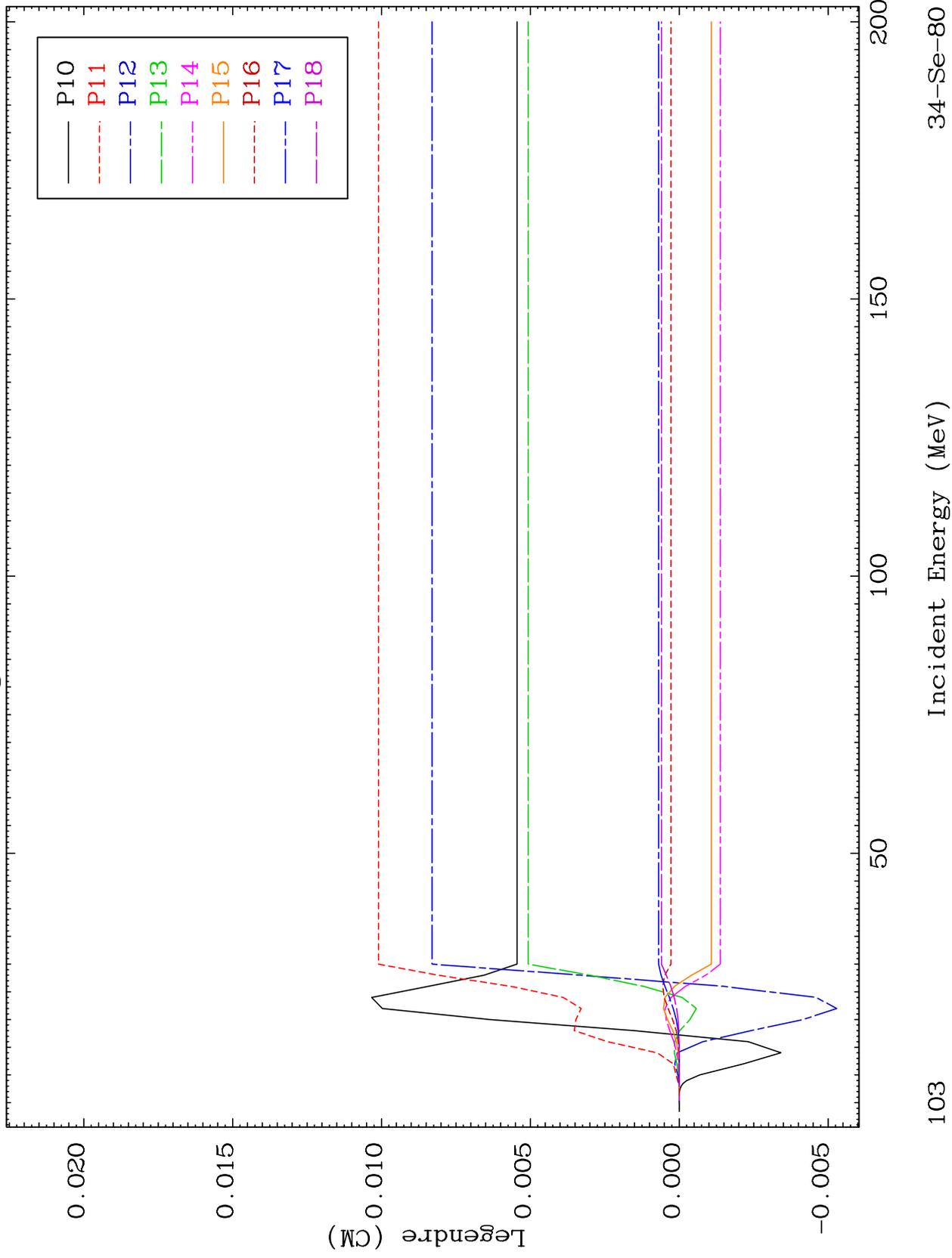
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



103

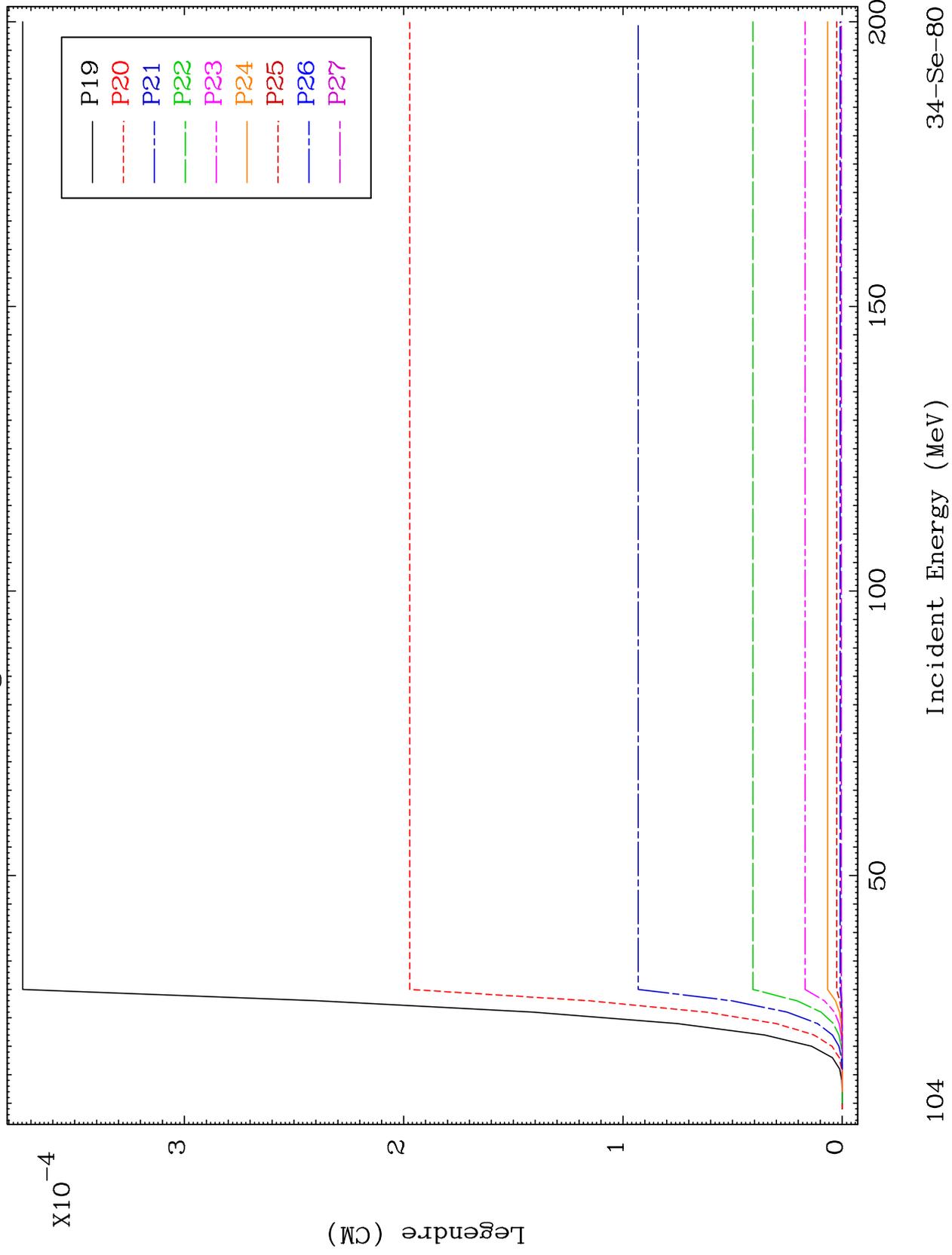
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



104

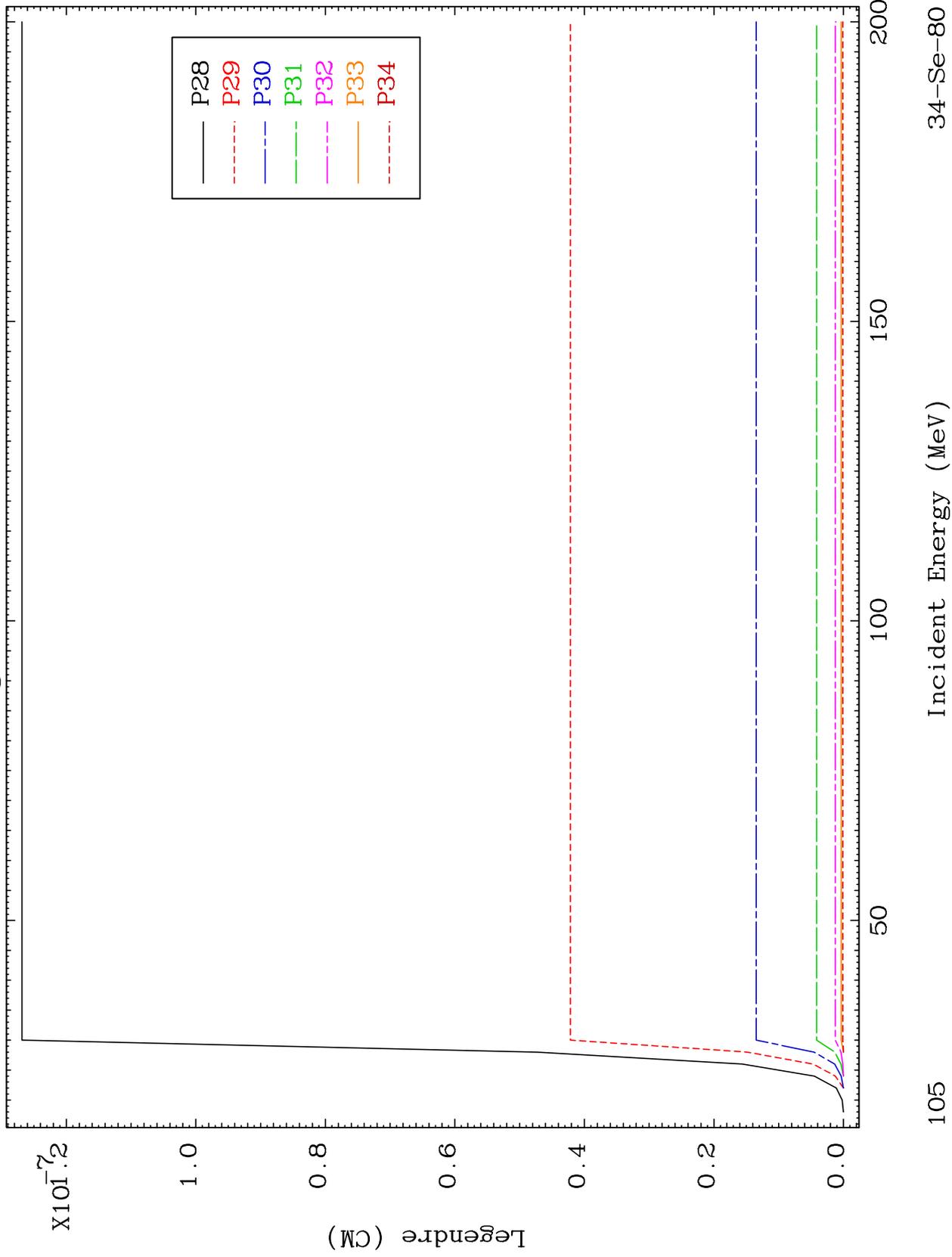
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



105

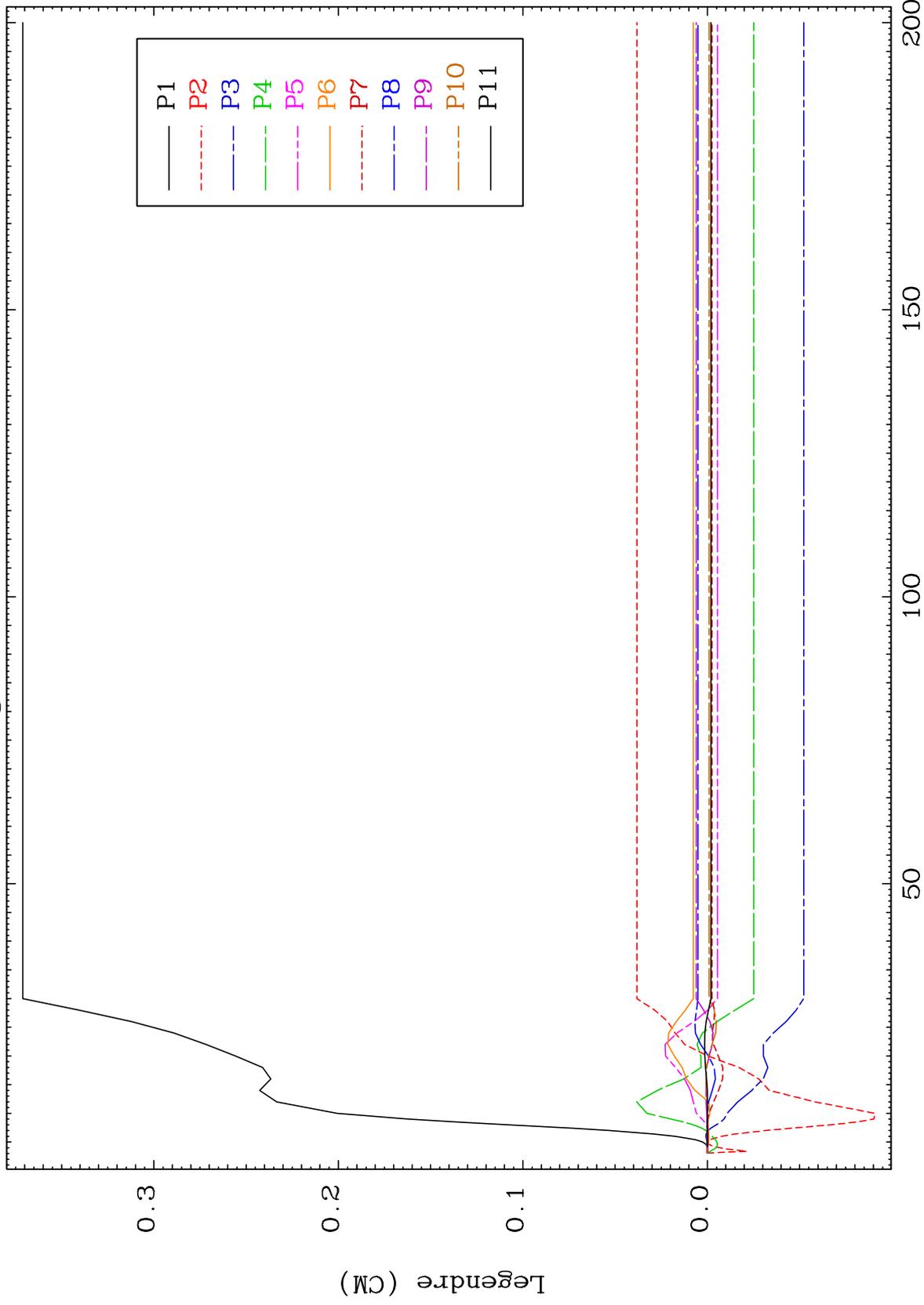
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



106

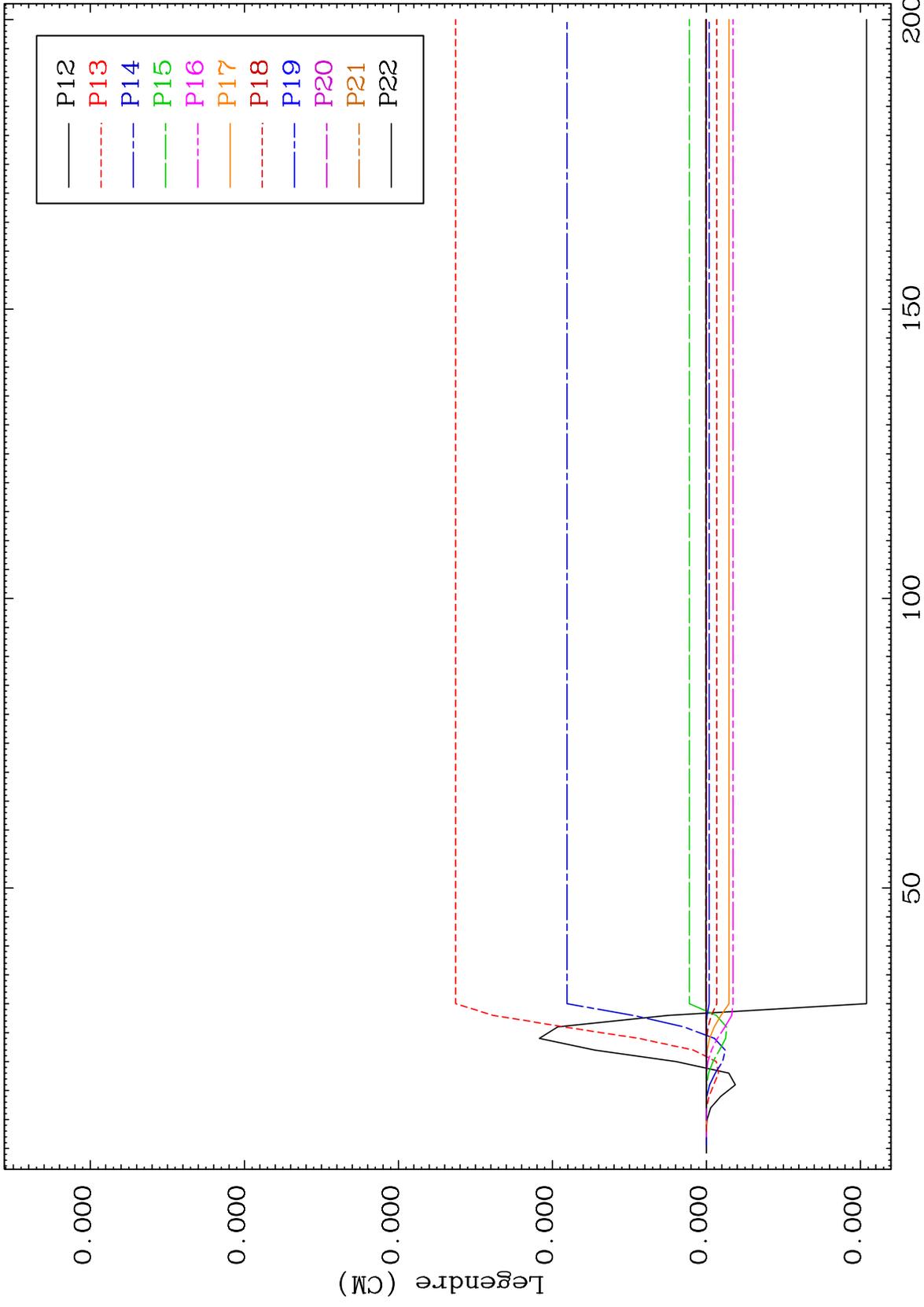
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



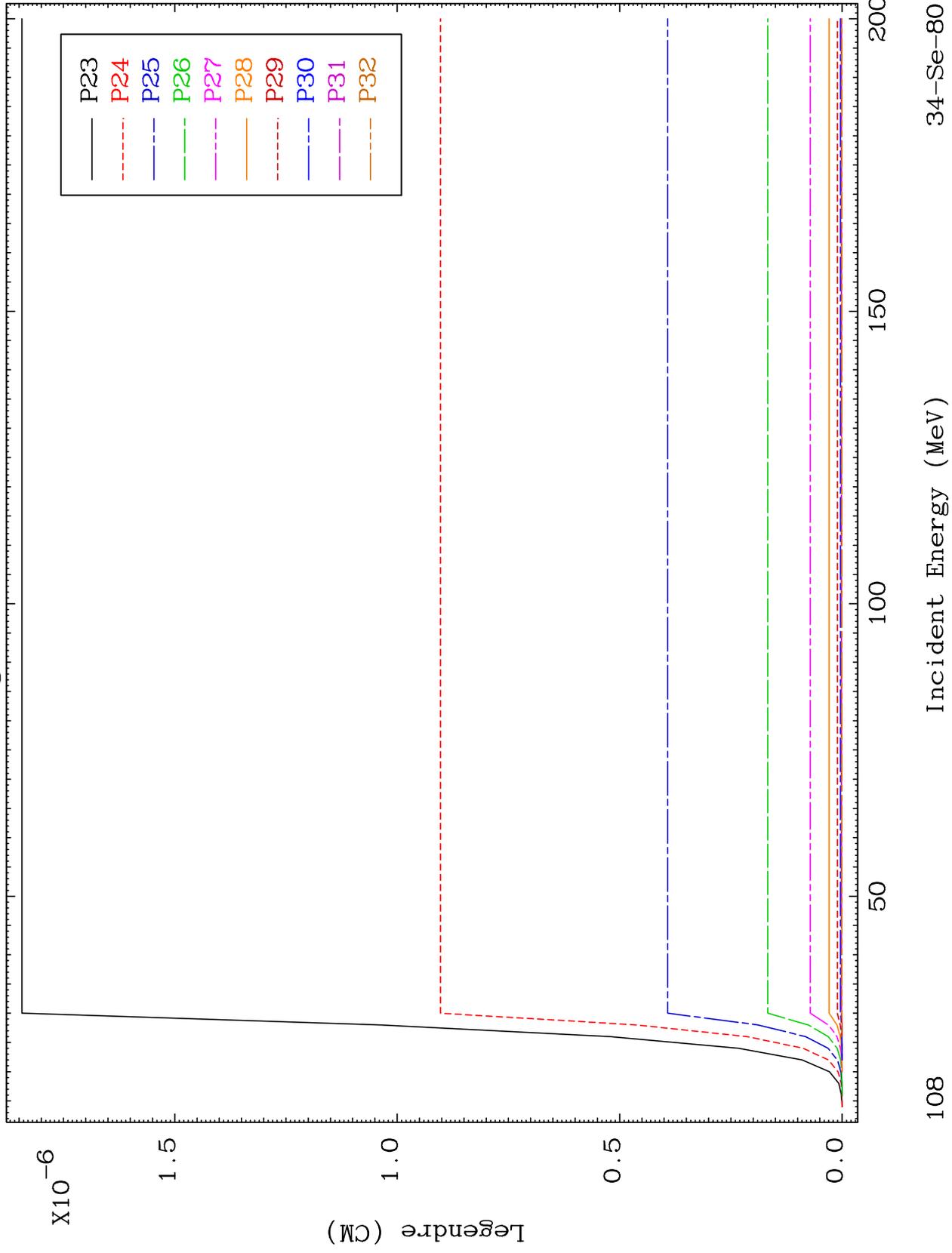
107

34-Se-80

MAT 3443

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

³⁴Se-80



108

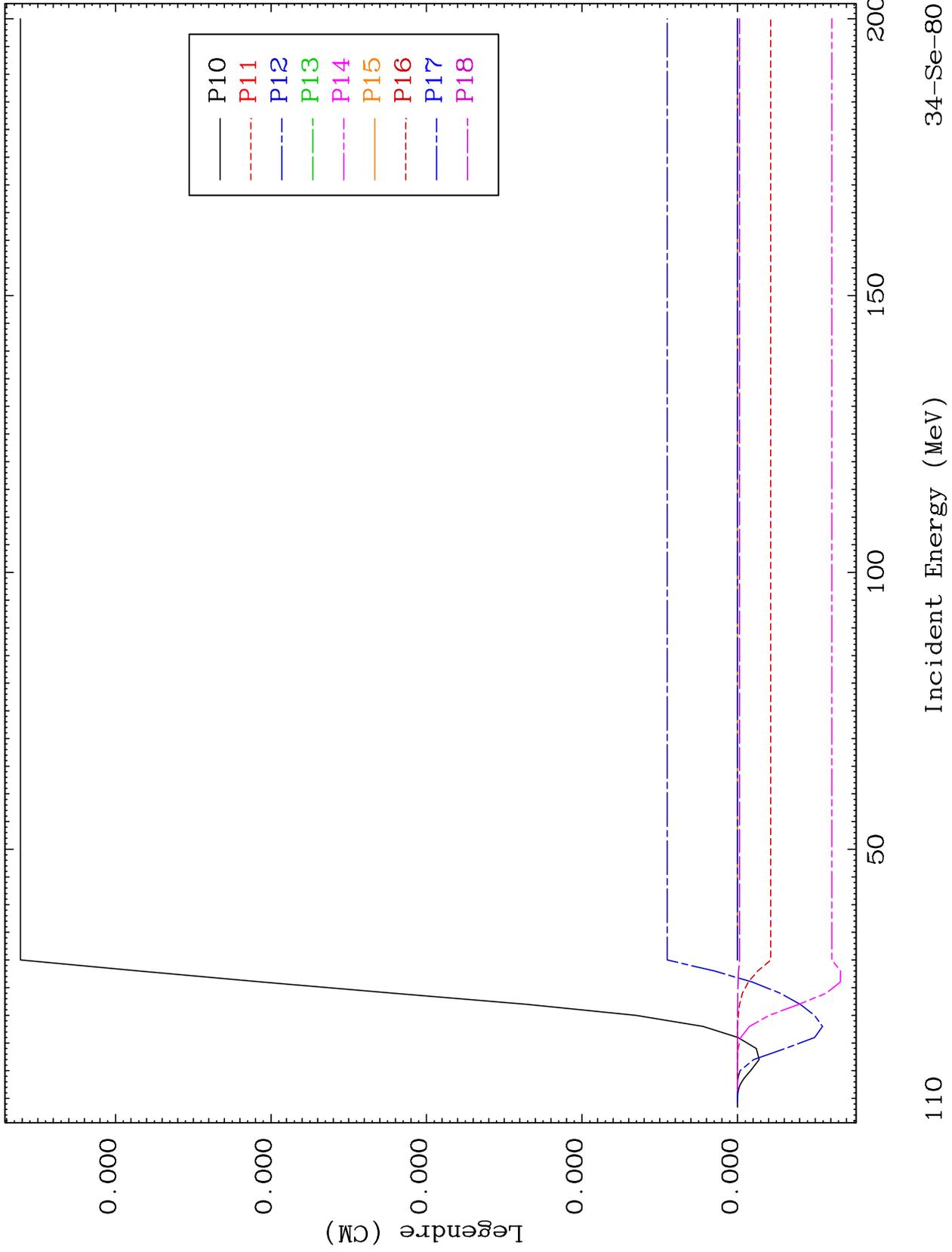
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

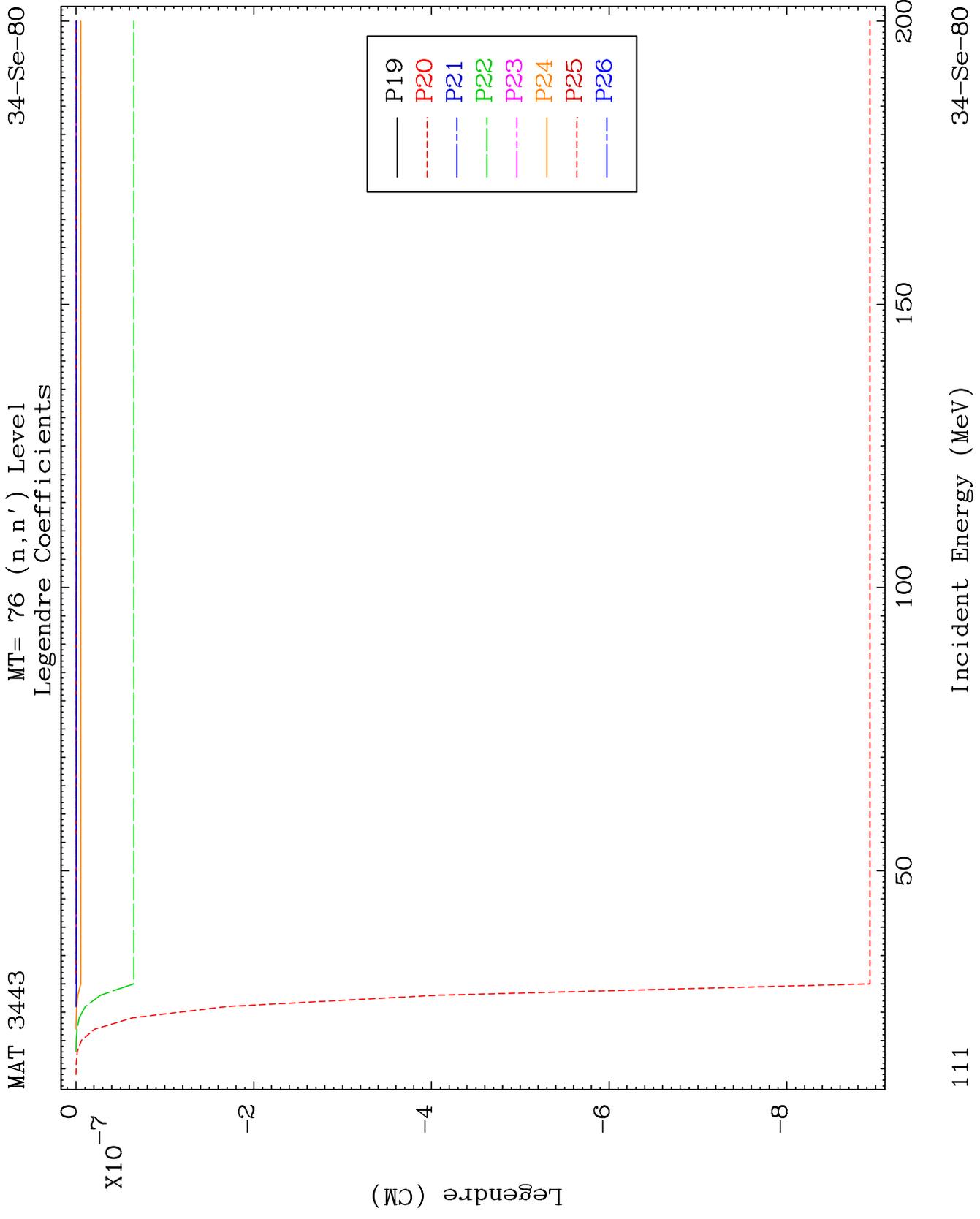
³⁴Se-80



110

Incident Energy (MeV)

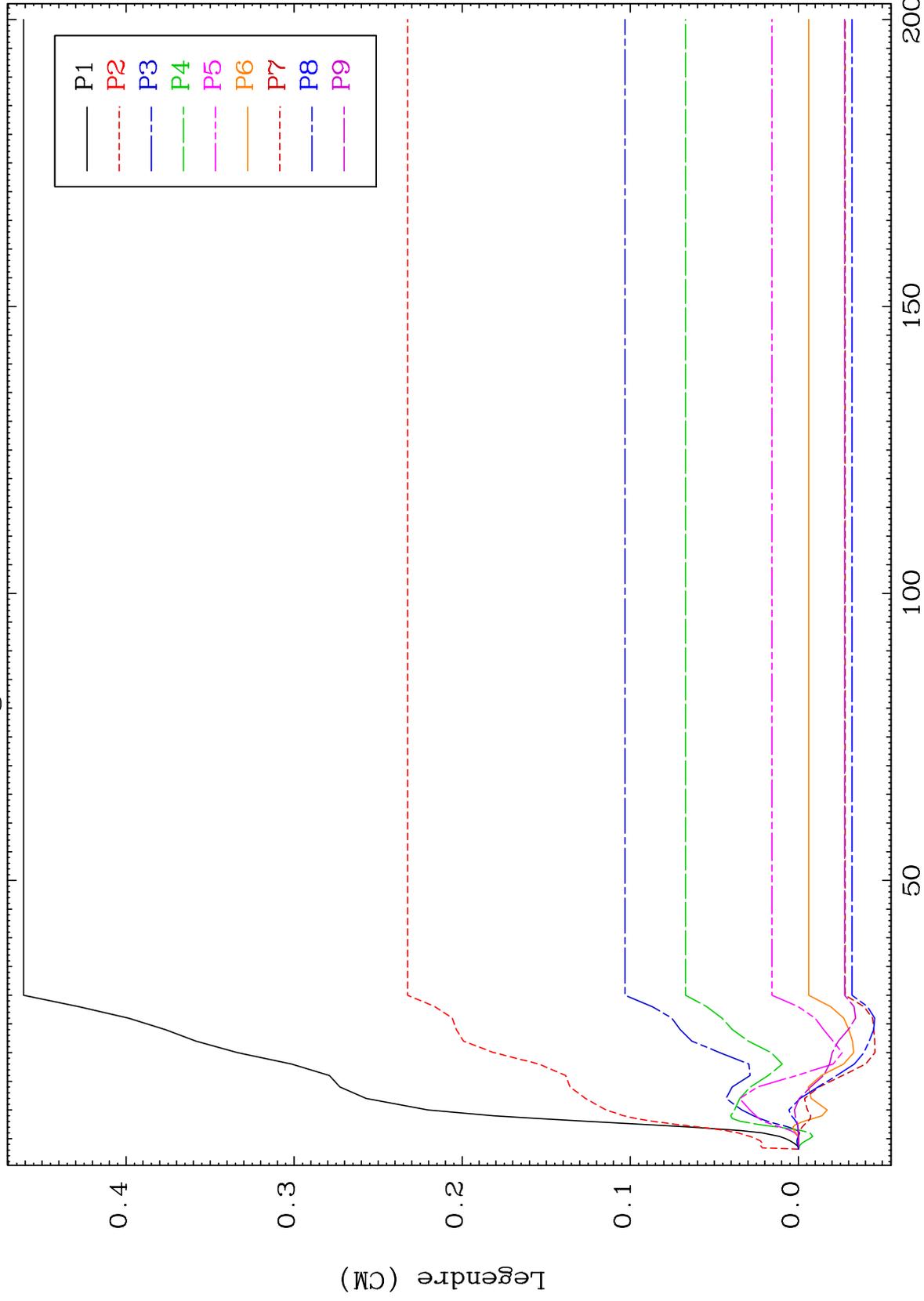
³⁴Se-80



MAT 3443

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

³⁴Se-80



112

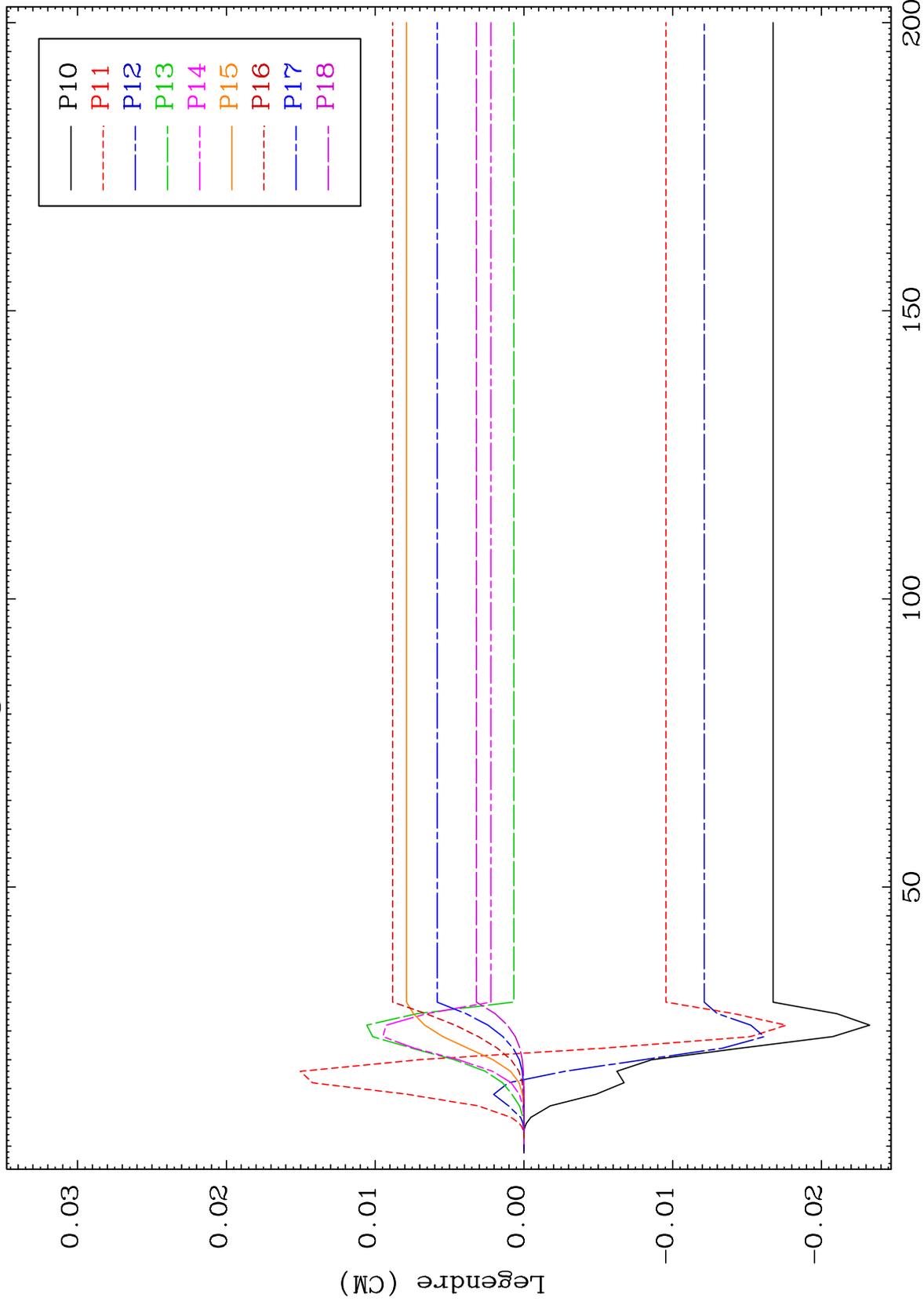
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



113

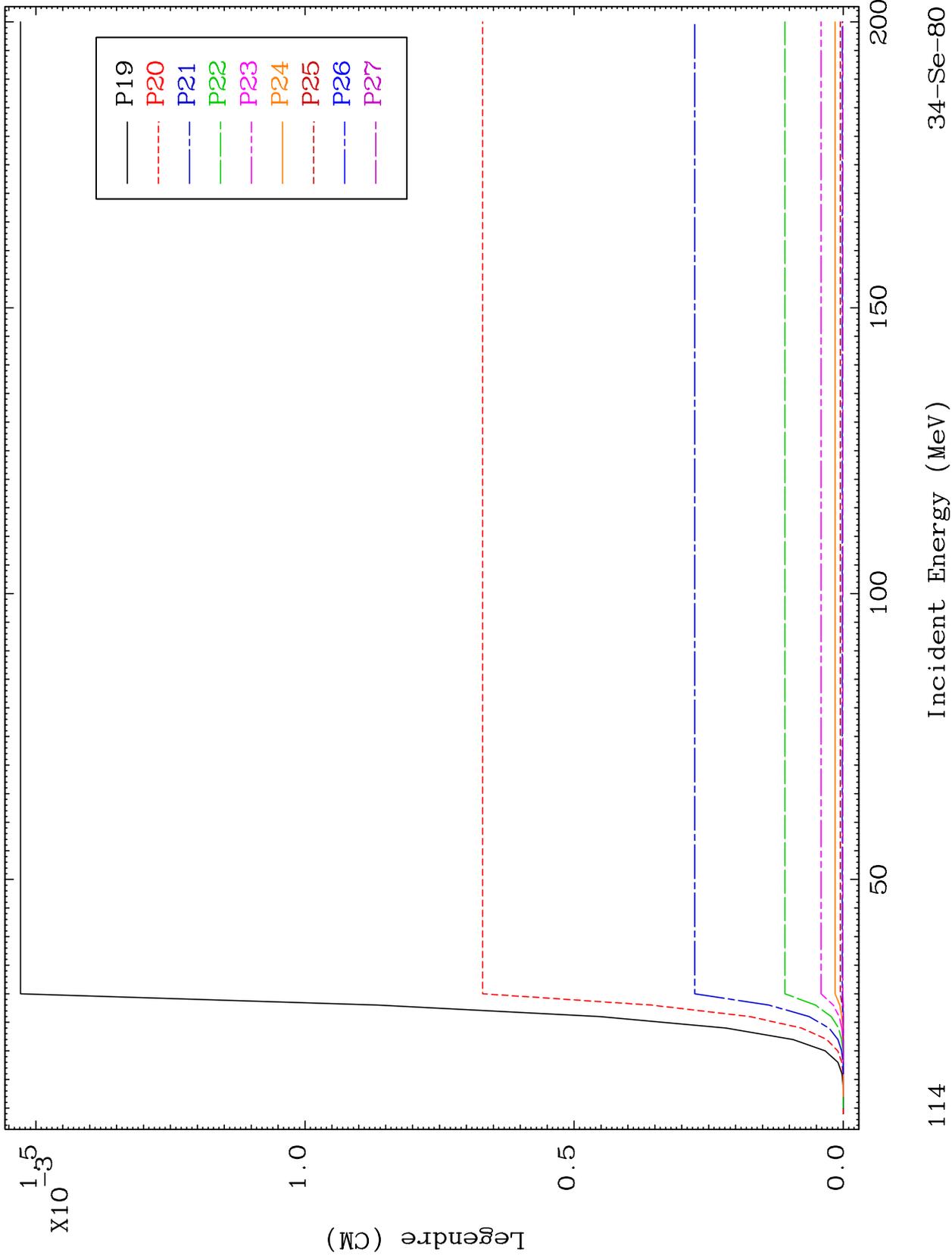
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



114

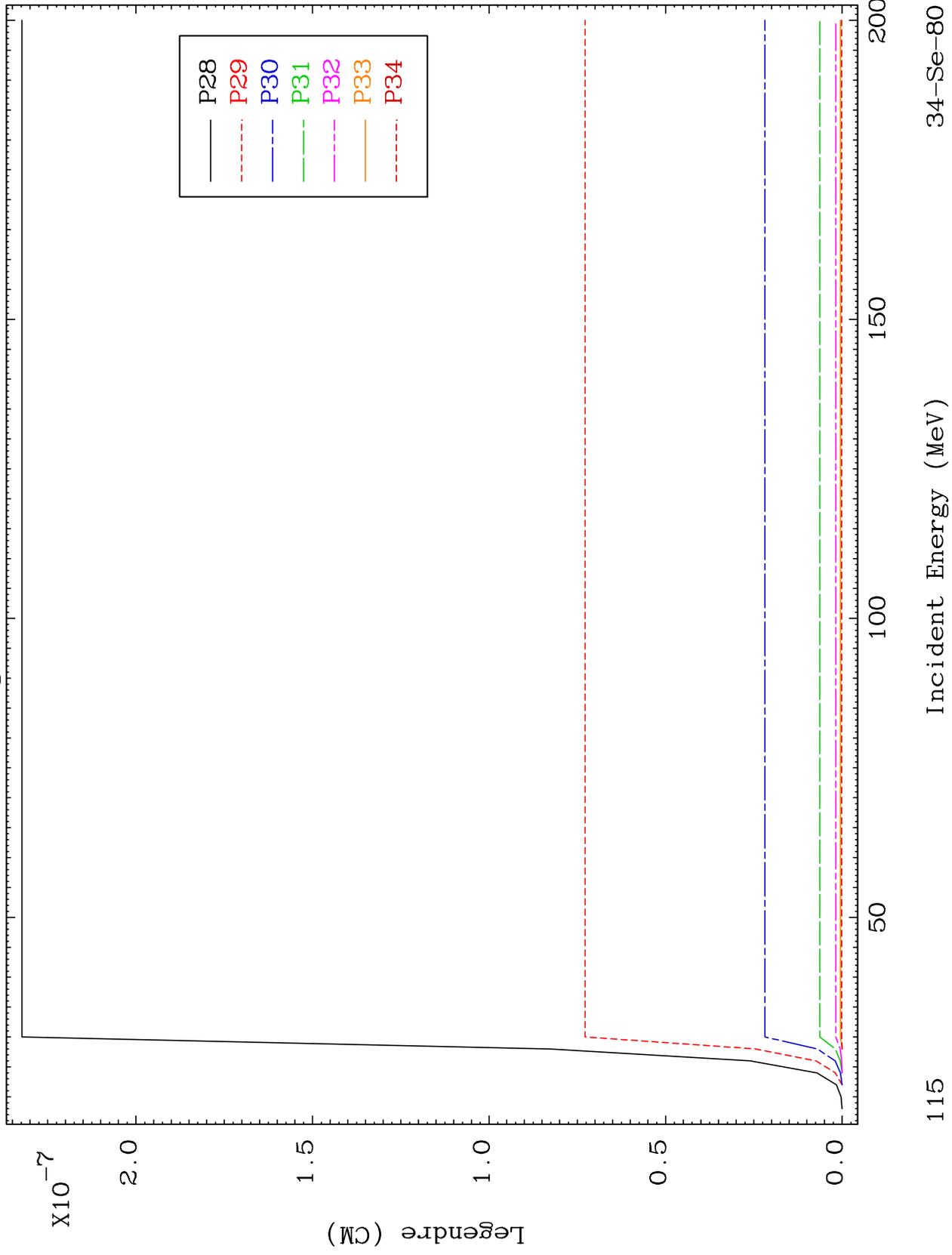
Incident Energy (MeV)

34-Se-80

MAT 3443

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

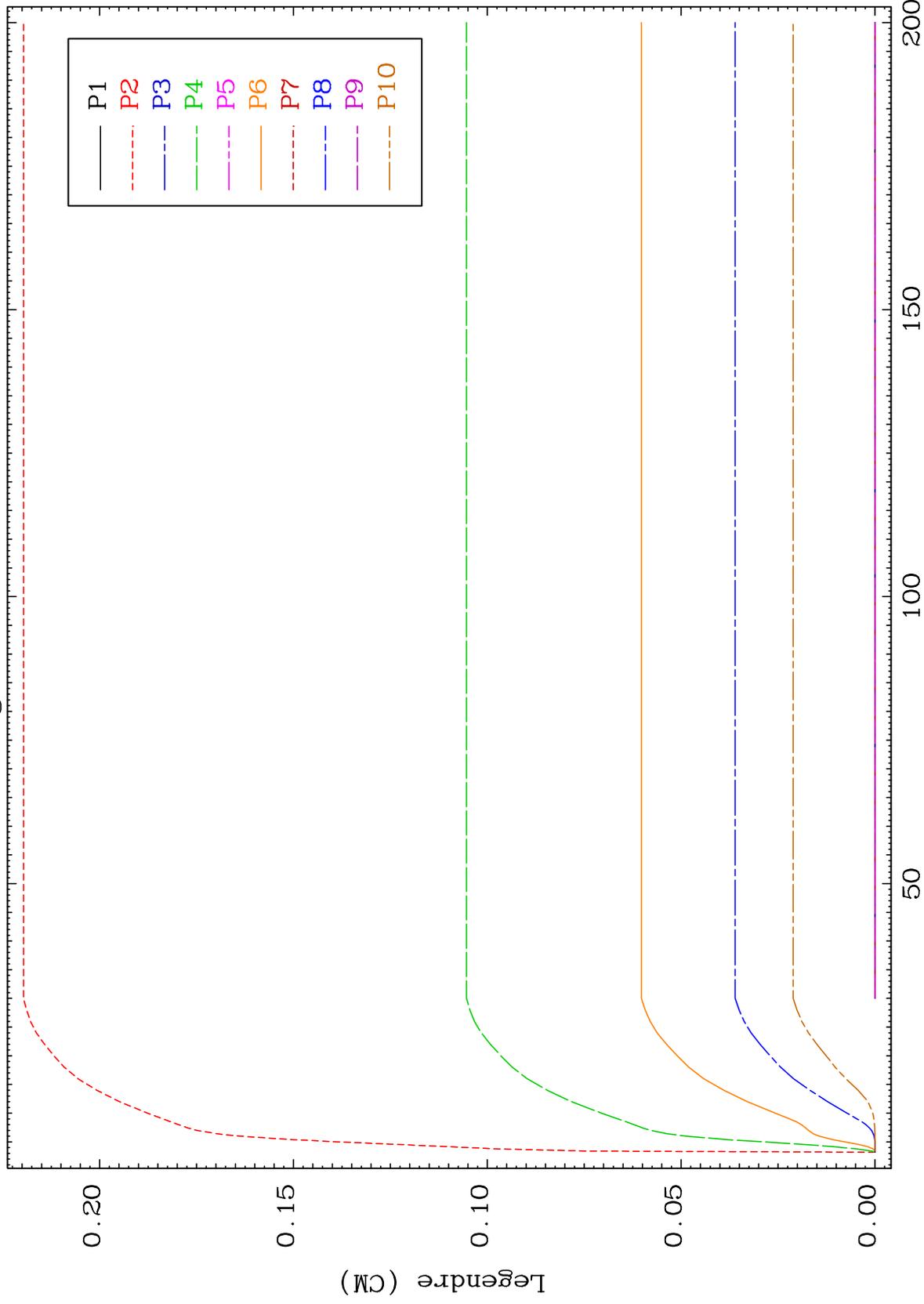
34-Se-80



MAT 3443

MT= 78 (n,n') Level
Legendre Coefficients

34-Se-80



116

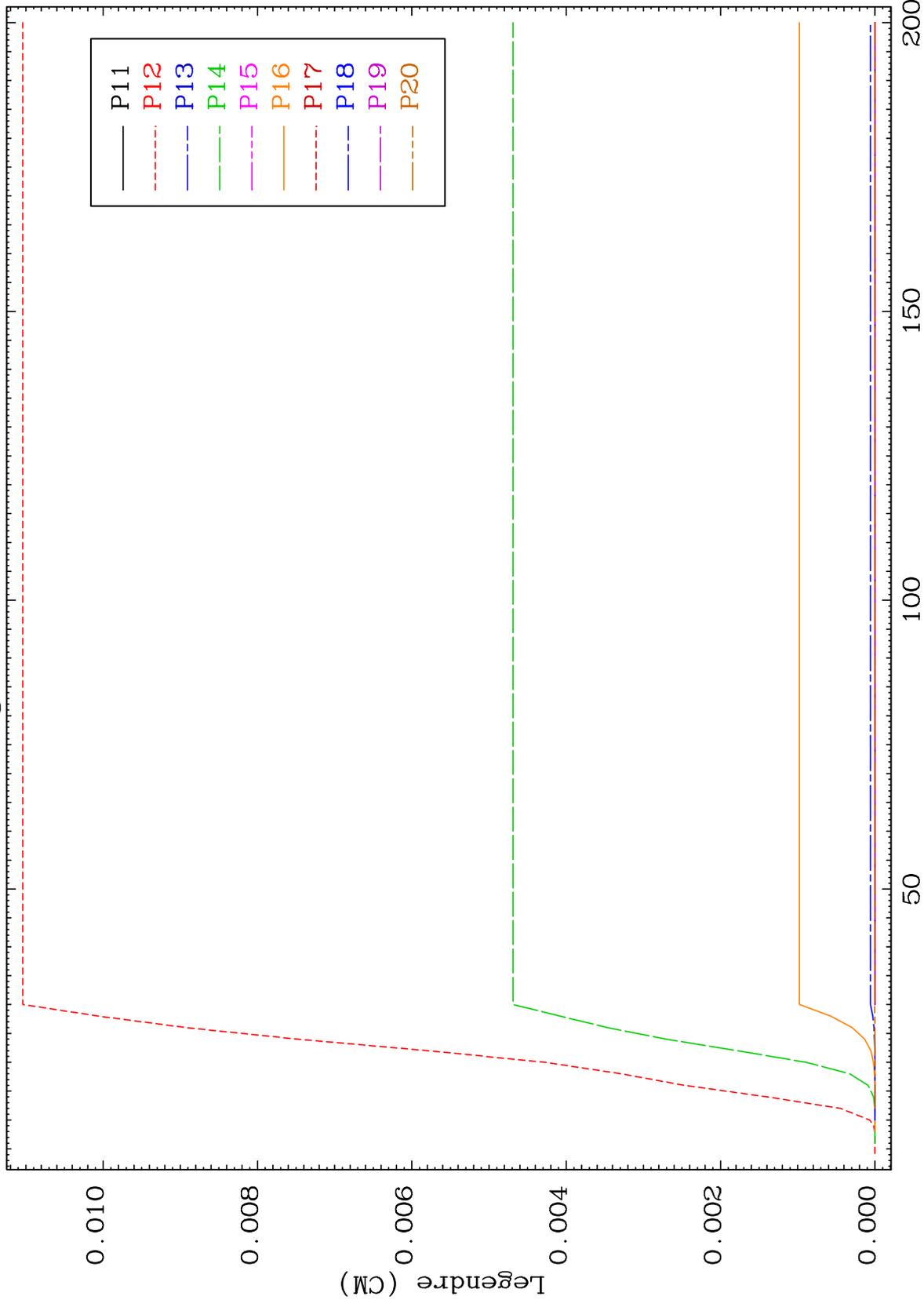
Incident Energy (MeV)

34-Se-80

MAT 3443

MT= 78 (n,n') Level
Legendre Coefficients

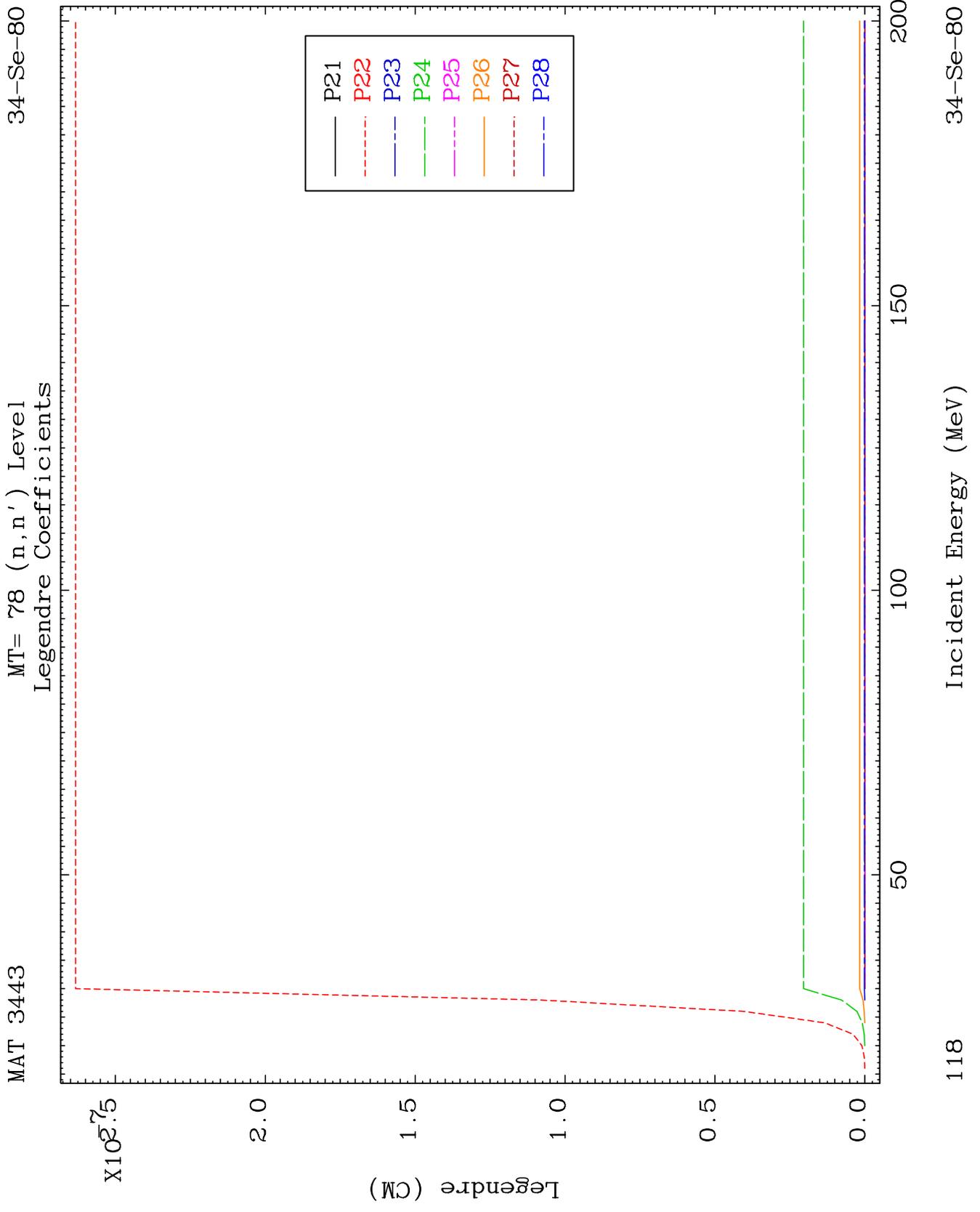
34-Se-80



117

Incident Energy (MeV)

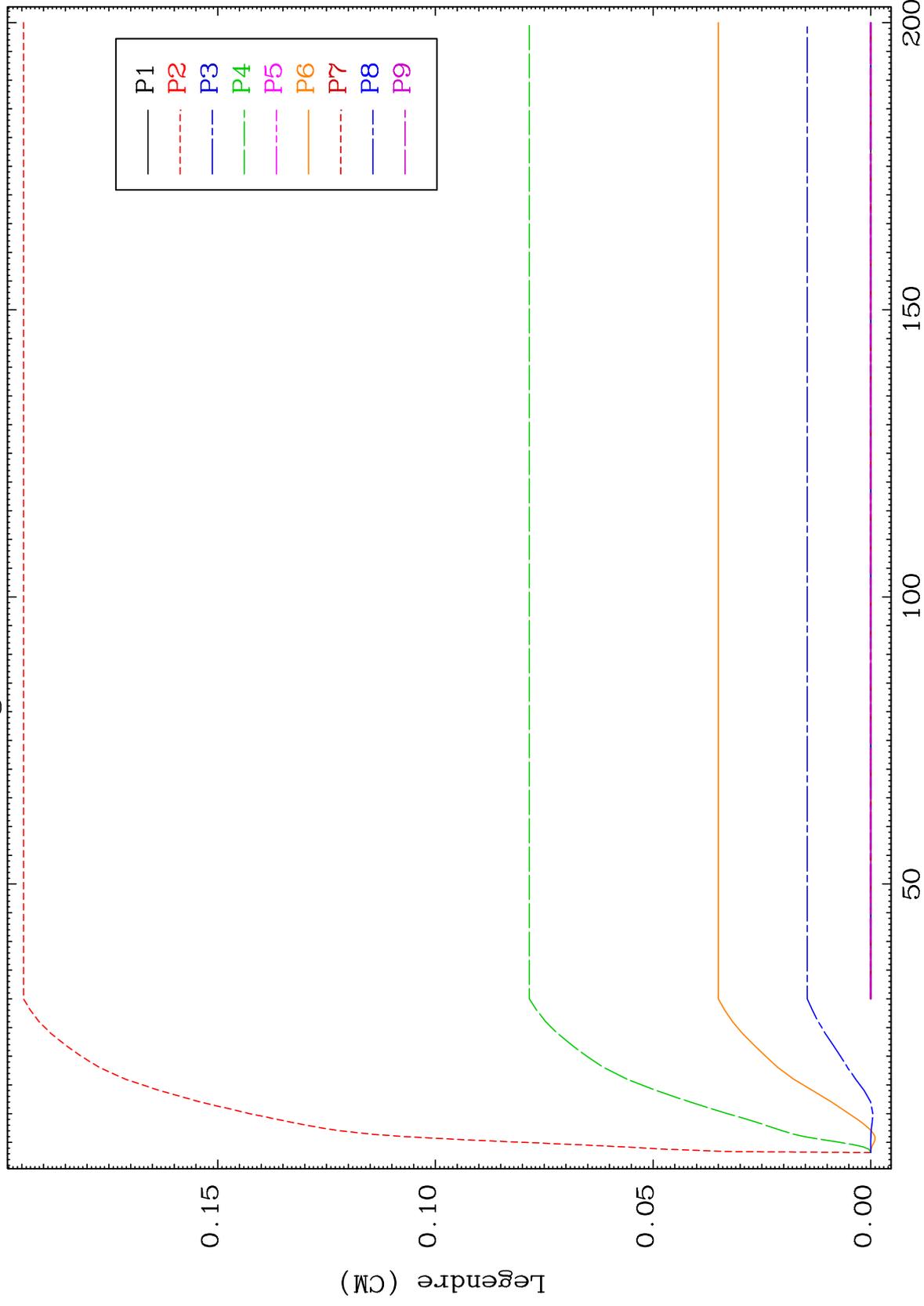
34-Se-80



MAT 3443

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

34-Se-80



119

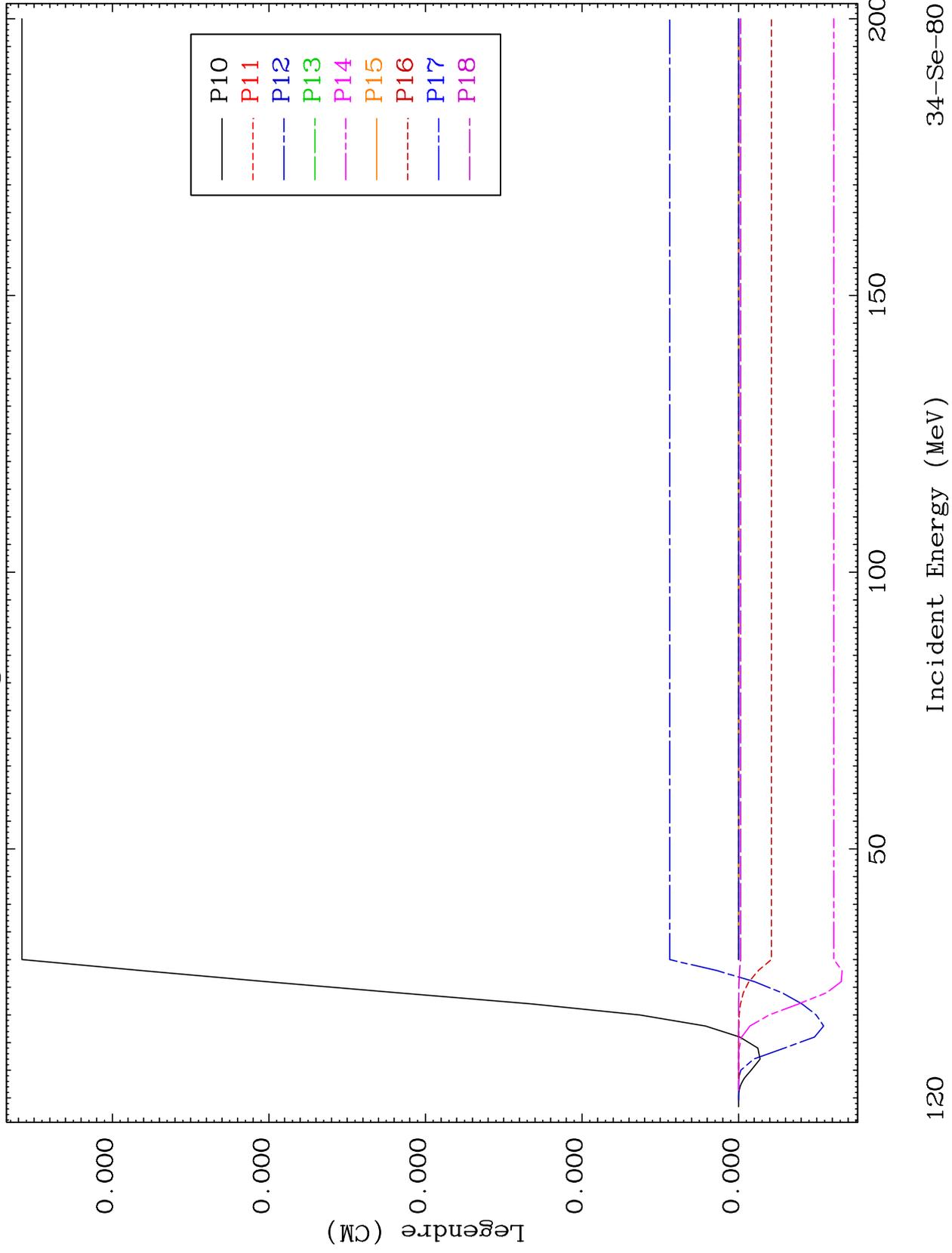
Incident Energy (MeV)

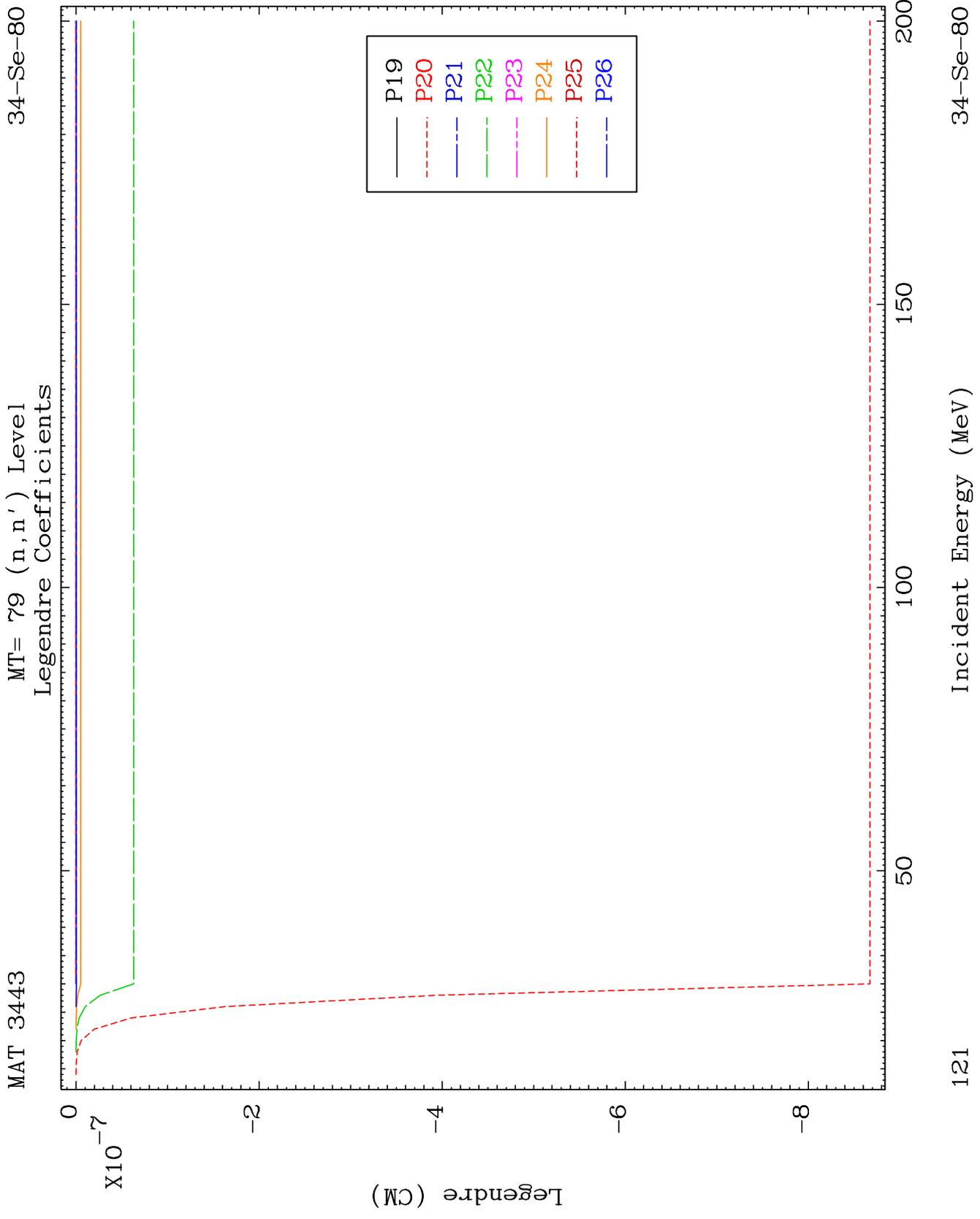
34-Se-80

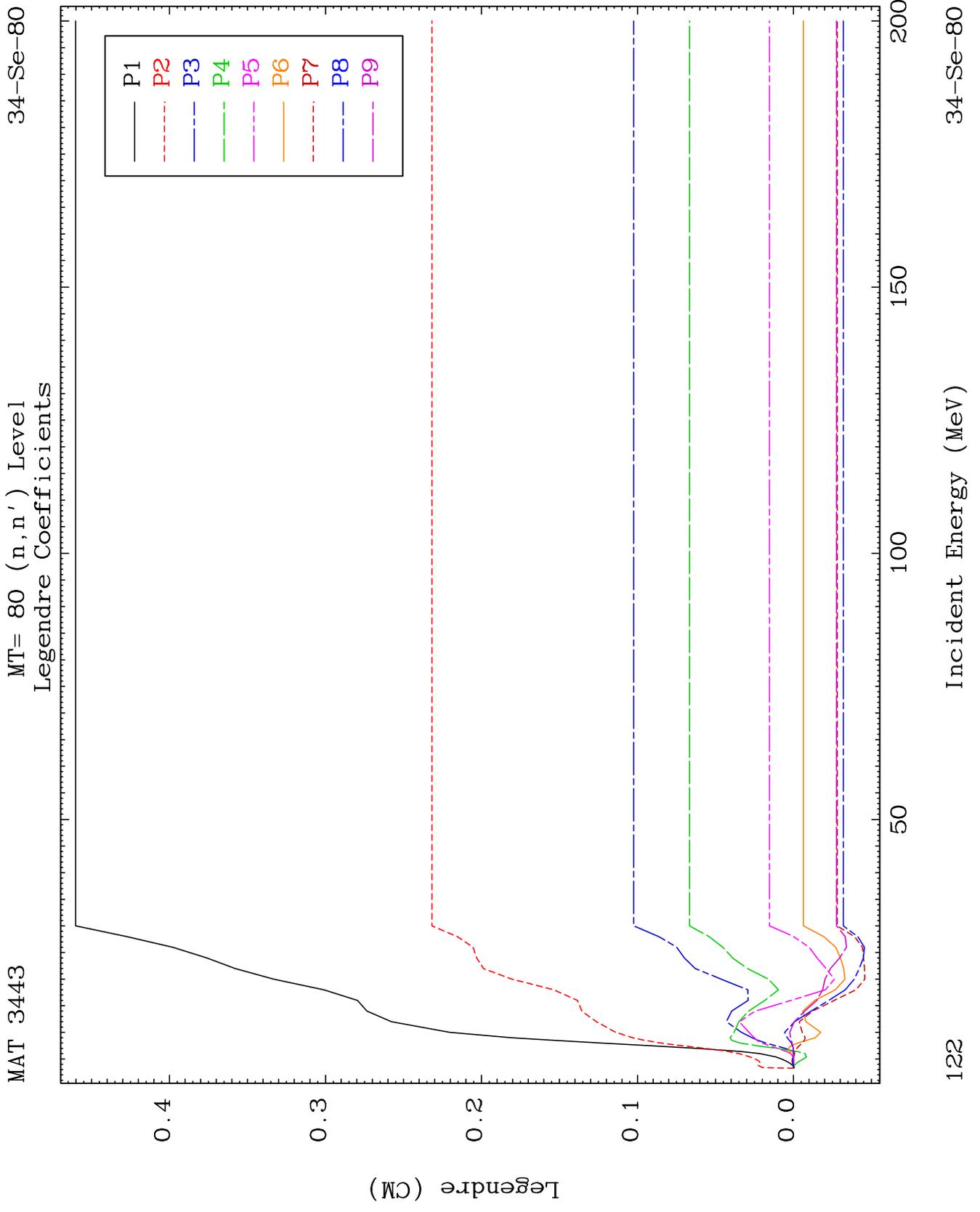
MAT 3443

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

³⁴Se-80



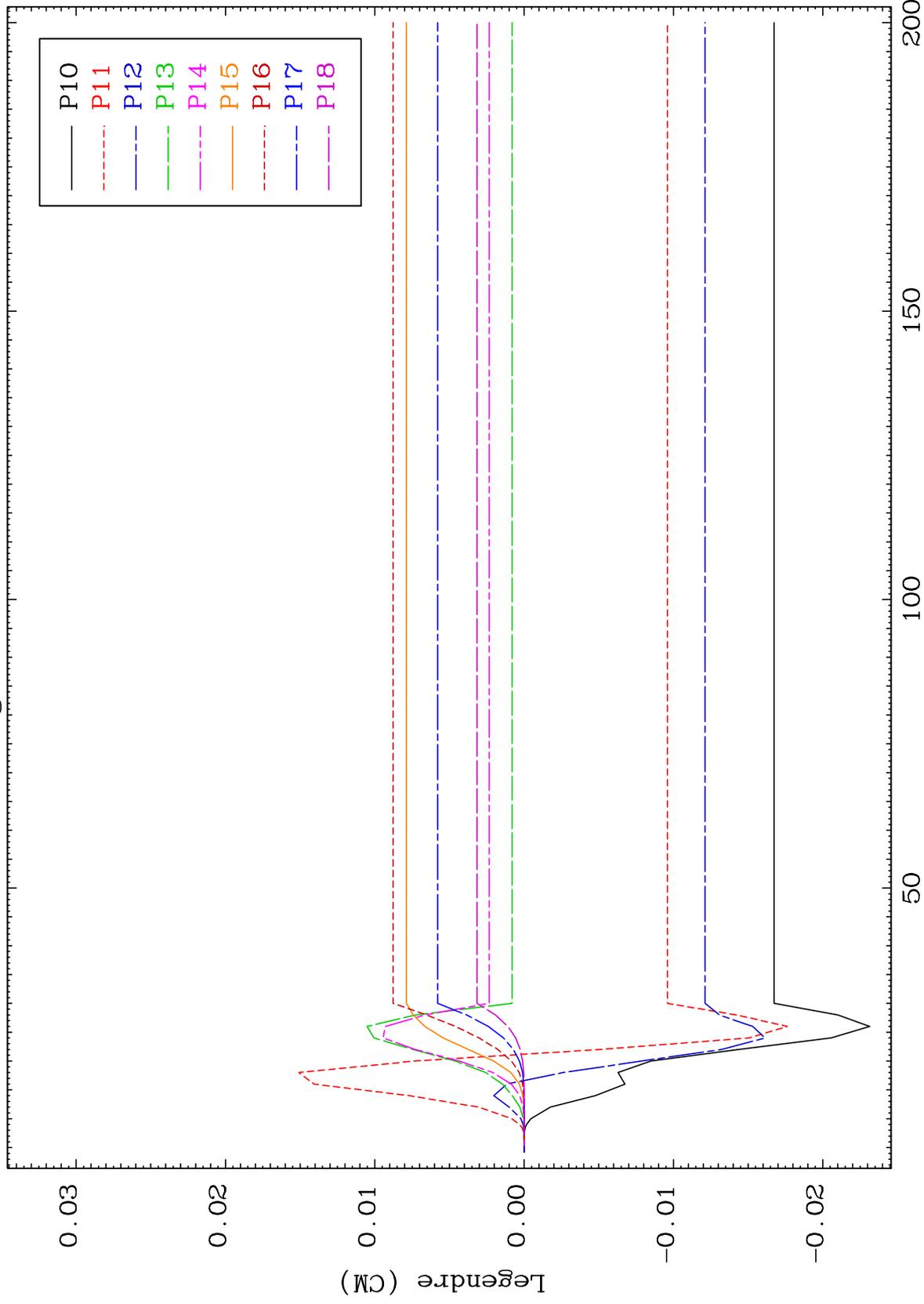




MAT 3443

MT= 80 (n,n') Level
Legendre Coefficients

³⁴Se-80



123

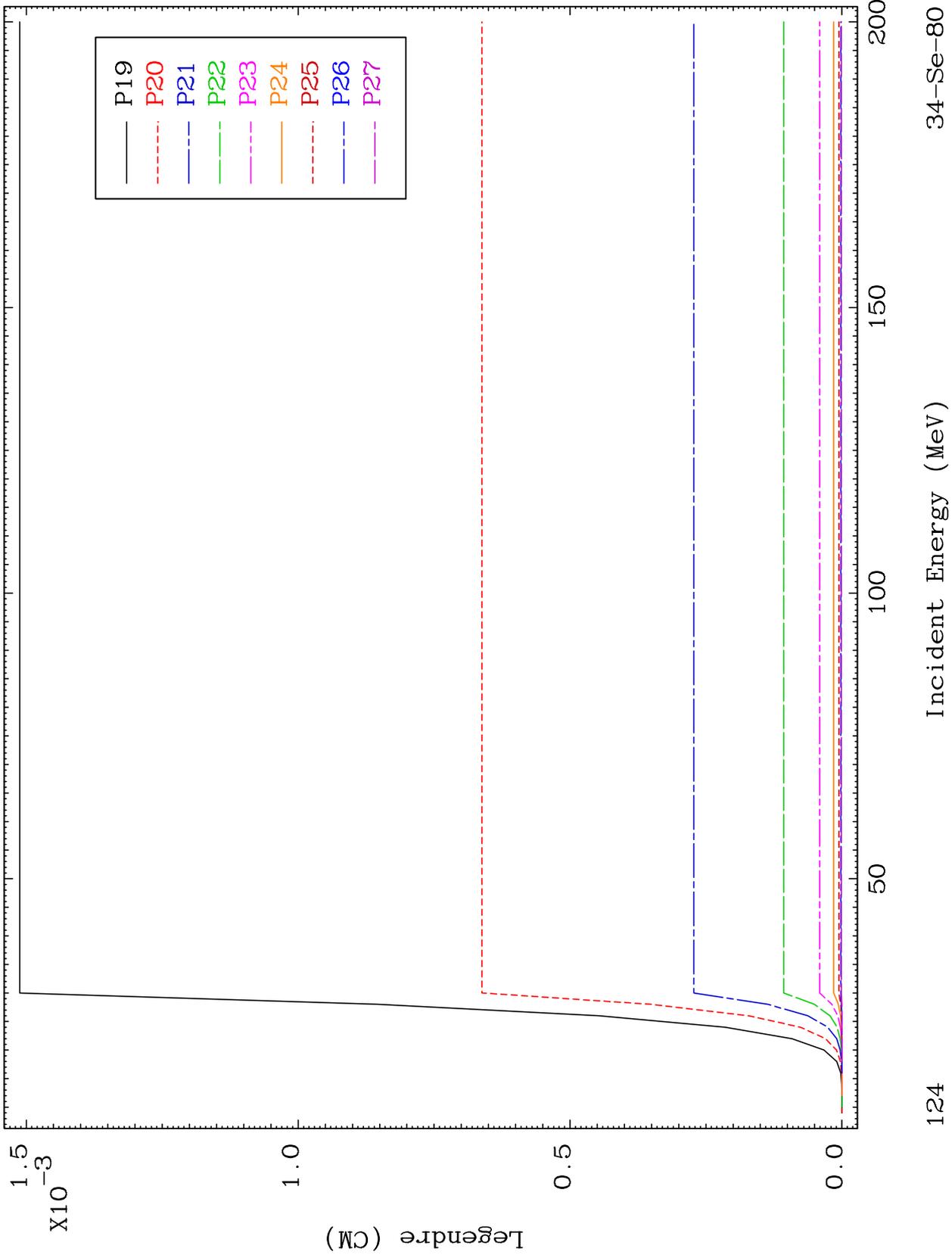
Incident Energy (MeV)

³⁴Se-80

MAT 3443

MT= 80 (n,n') Level
Legendre Coefficients

34-Se-80



124

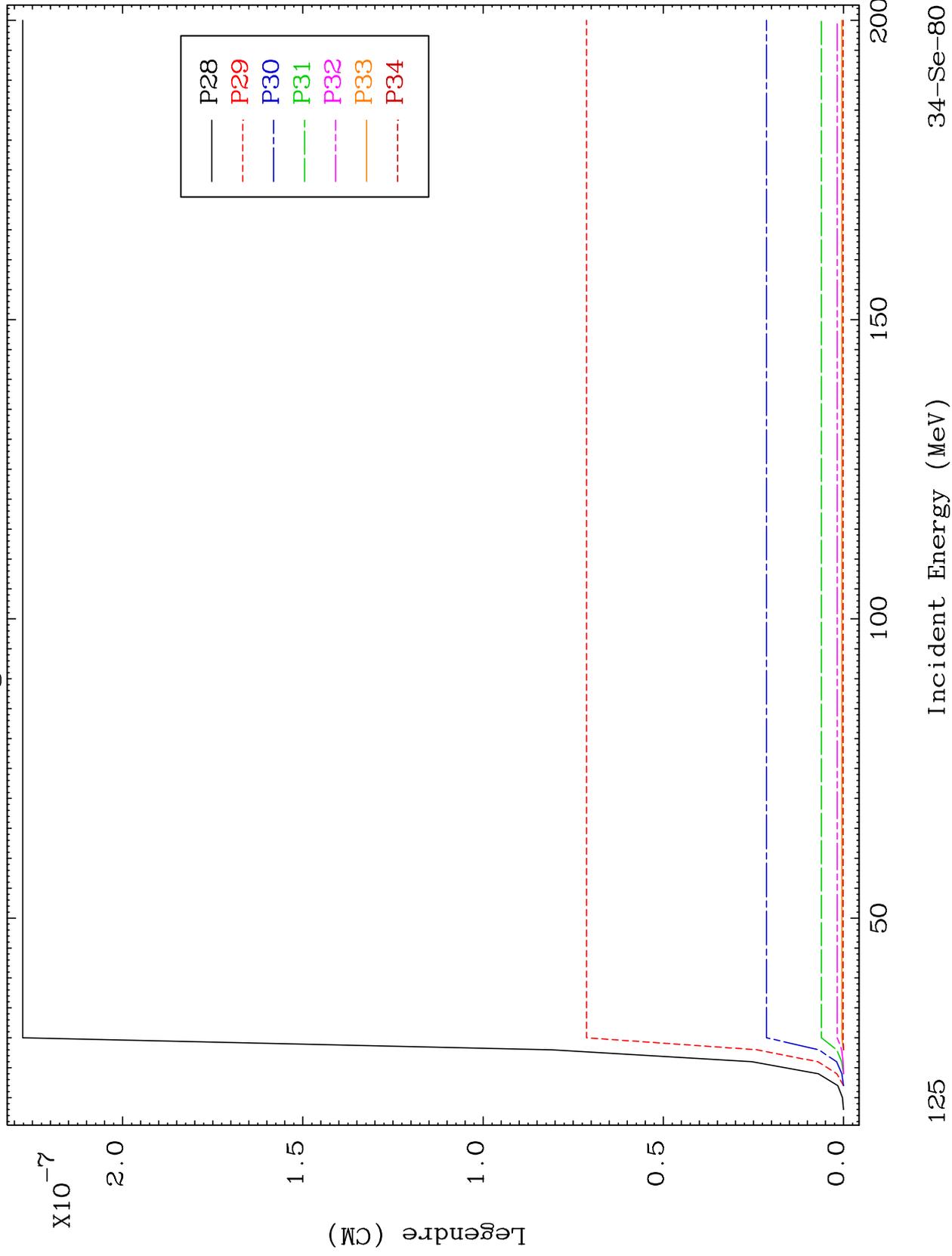
Incident Energy (MeV)

34-Se-80

MAT 3443

MT= 80 (n,n') Level
Legendre Coefficients

34-Se-80

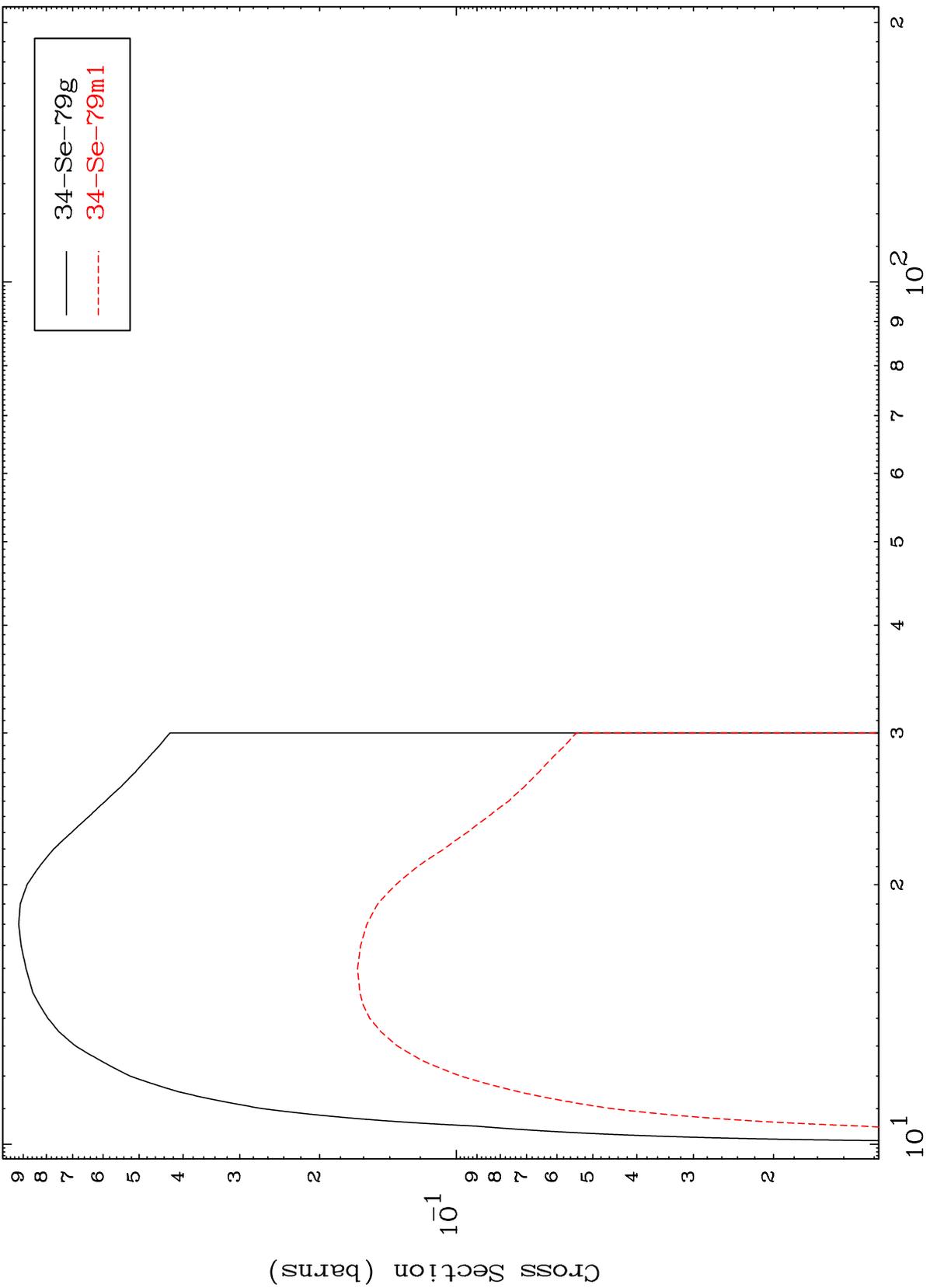


MAT 3443

³⁴Se-80

(n,2n)

Radionuclide Production Cross Section



— 34-Se-79g
- - - 34-Se-79m1

126

Incident Energy (MeV)

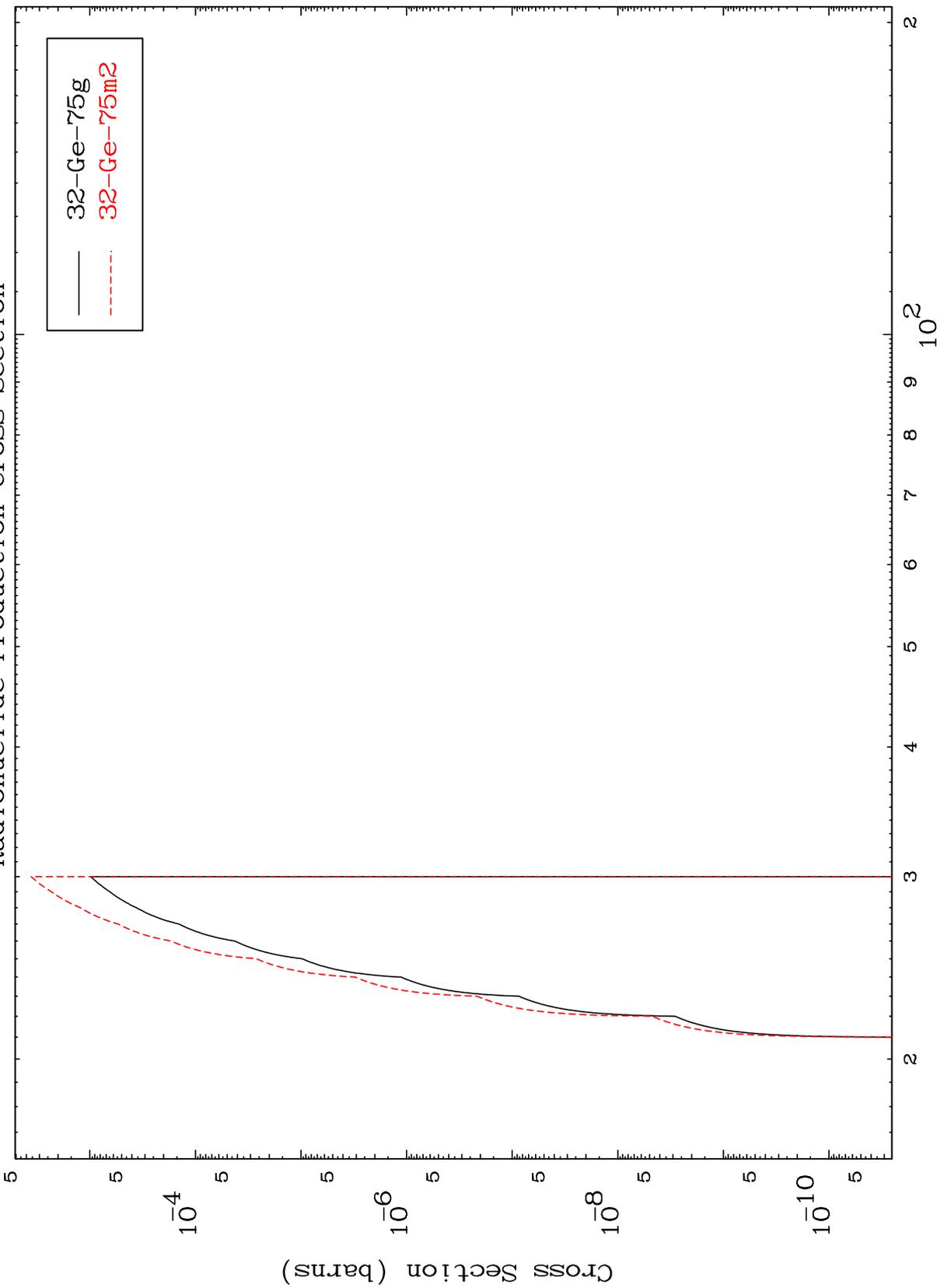
³⁴Se-80

MAT 3443

34-^{Se-80}

(n,2n) α

Radionuclide Production Cross Section



127

Incident Energy (MeV)

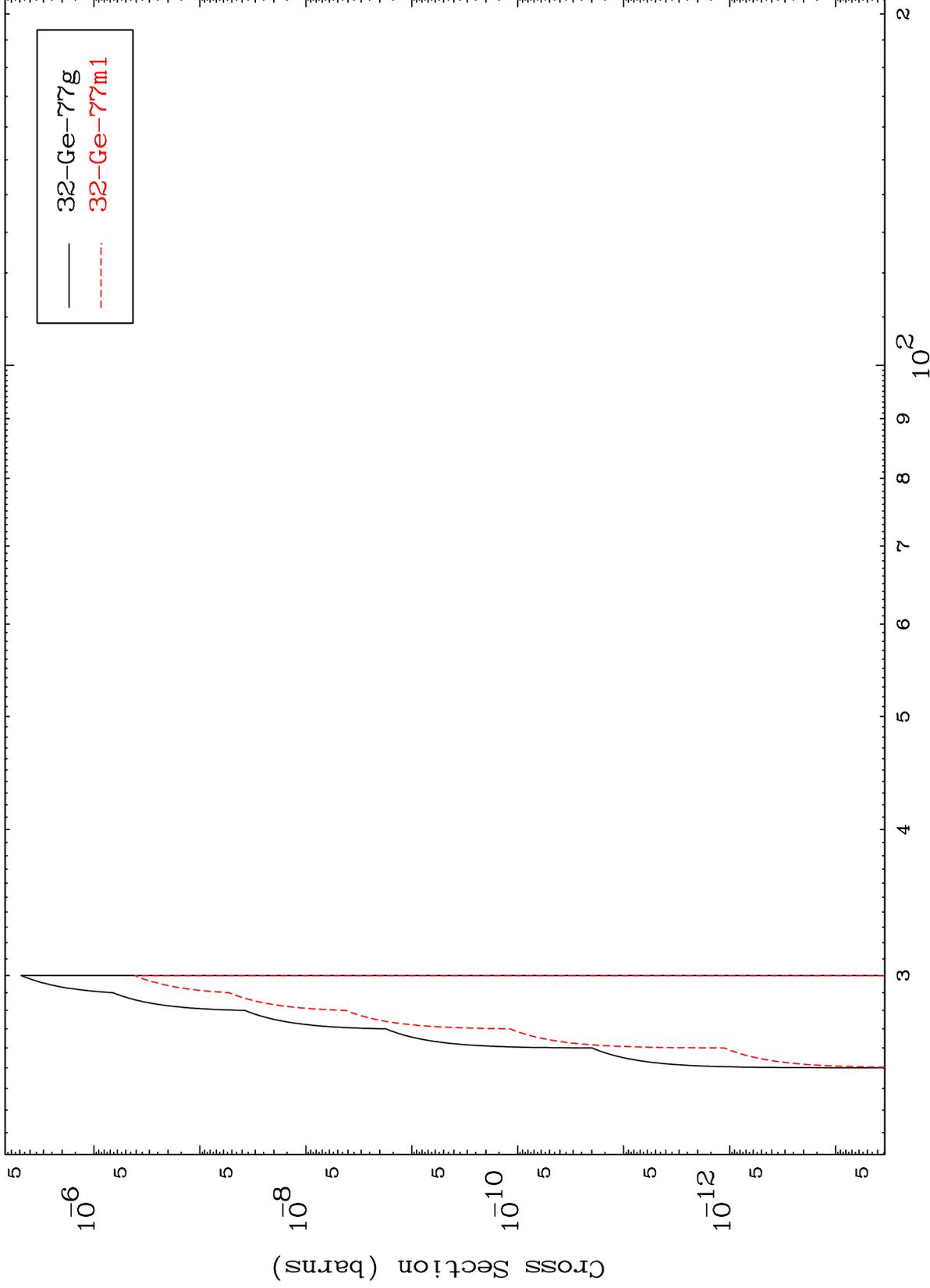
34-^{Se-80}

MAT 3443

(n,n') He-3

34-^{Se-80}

Radionuclide Production Cross Section



128

Incident Energy (MeV)

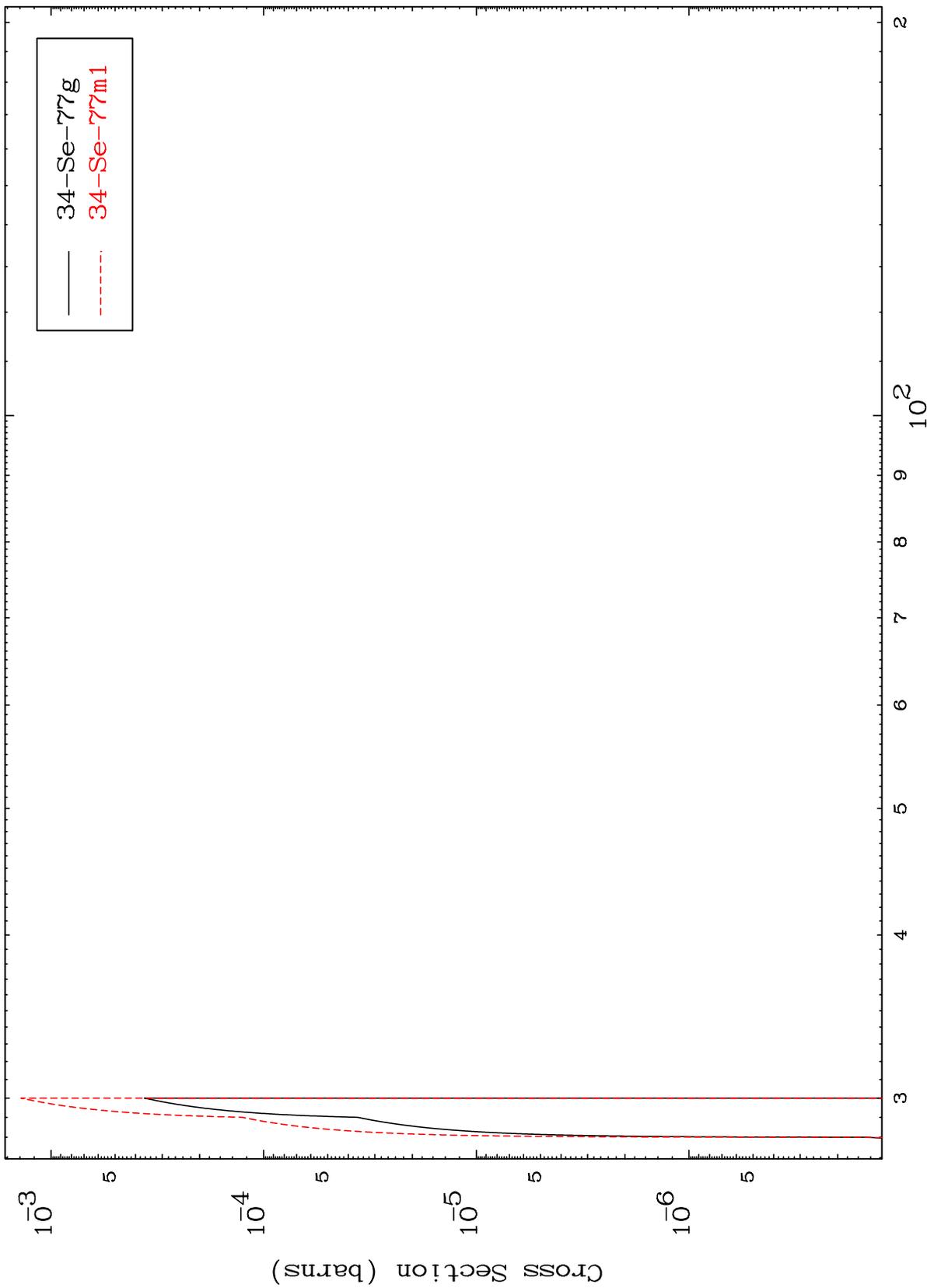
34-^{Se-80}

MAT 3443

³⁴Se-80

(n,4n)

Radionuclide Production Cross Section



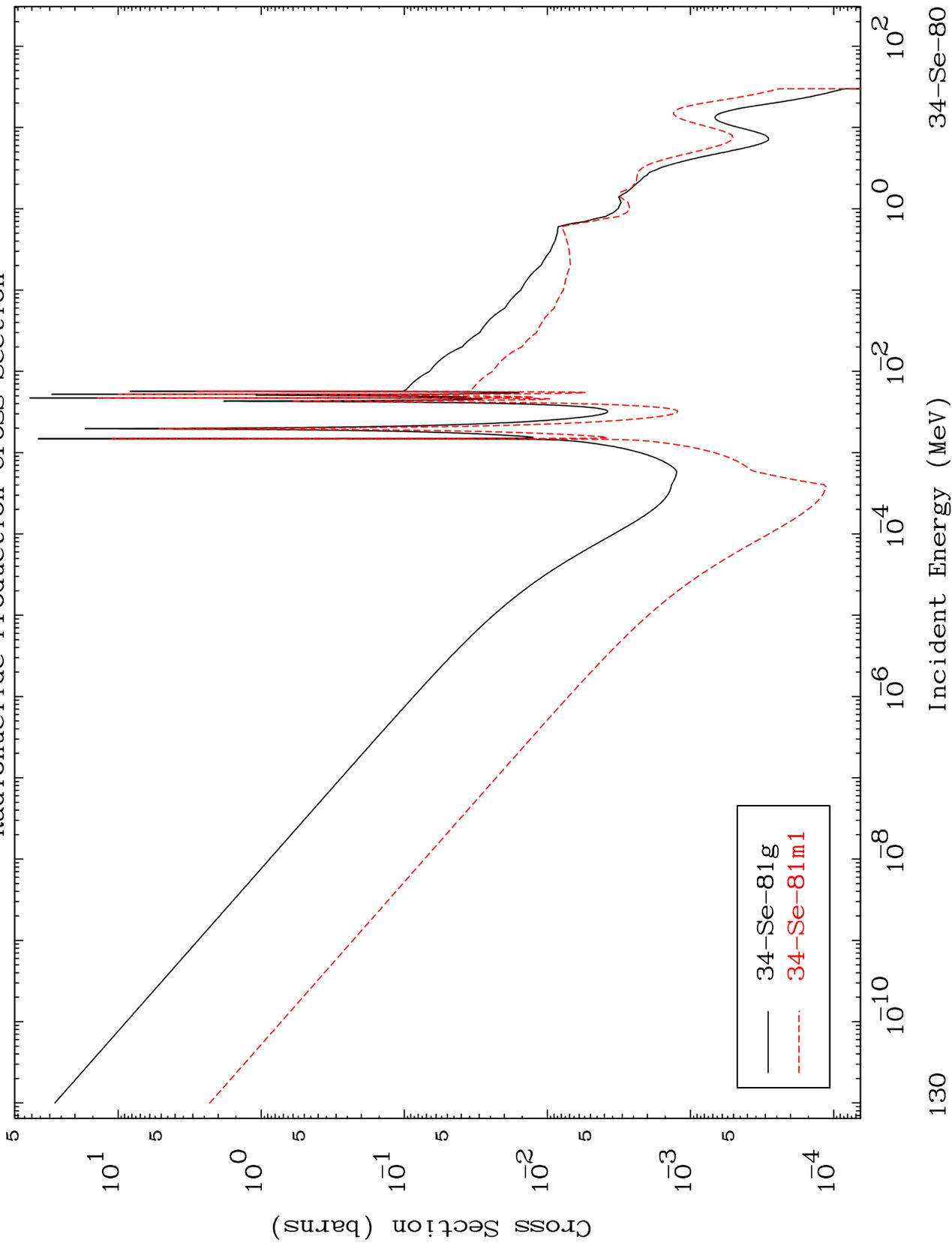
129

³⁴Se-80

MAT 3443

³⁴Se-80

Radionuclide Production Cross Section

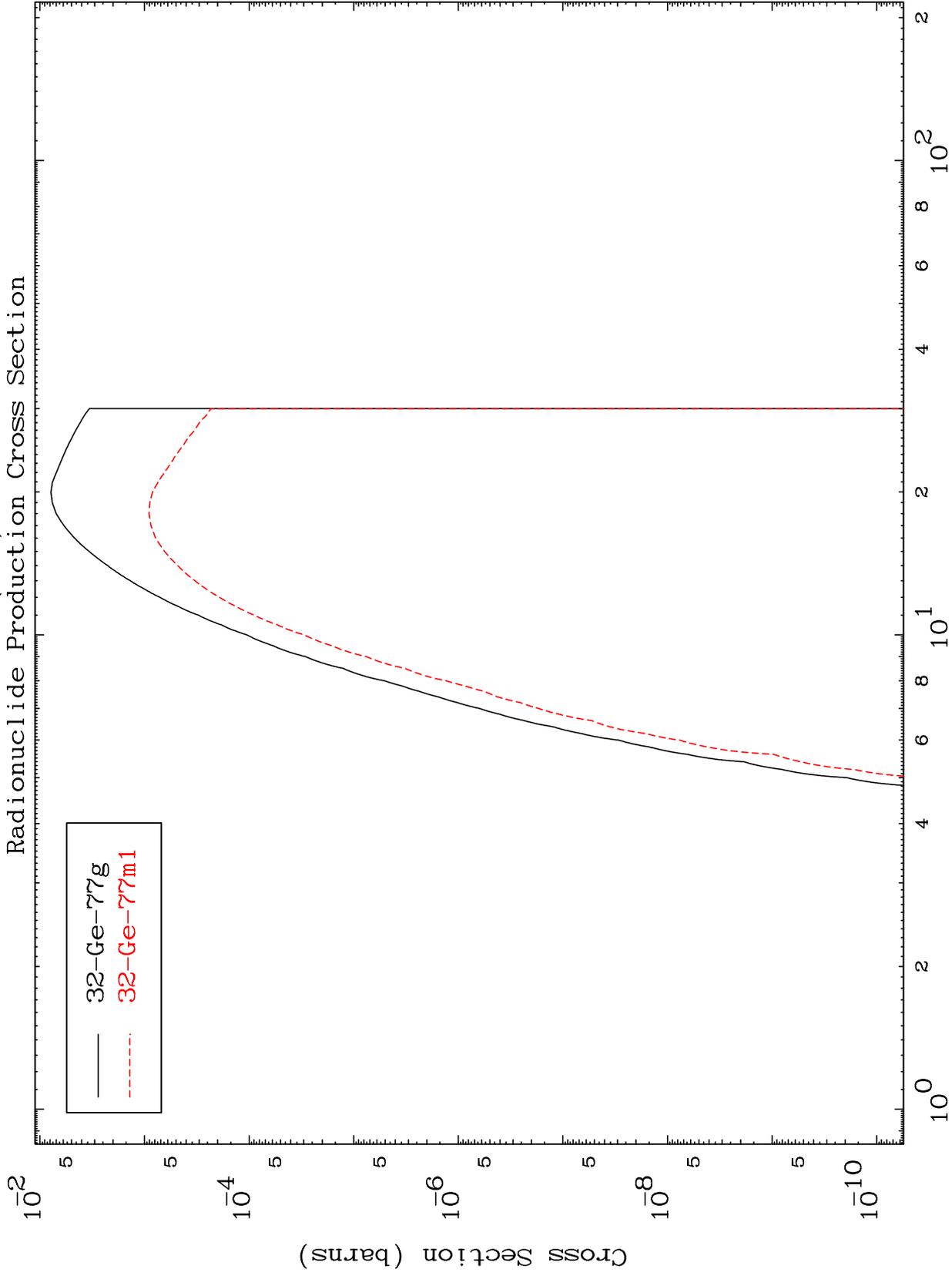


MAT 3443

³⁴Se-80

Radionuclide Production Cross Section

(n, α)



Incident Energy (MeV)

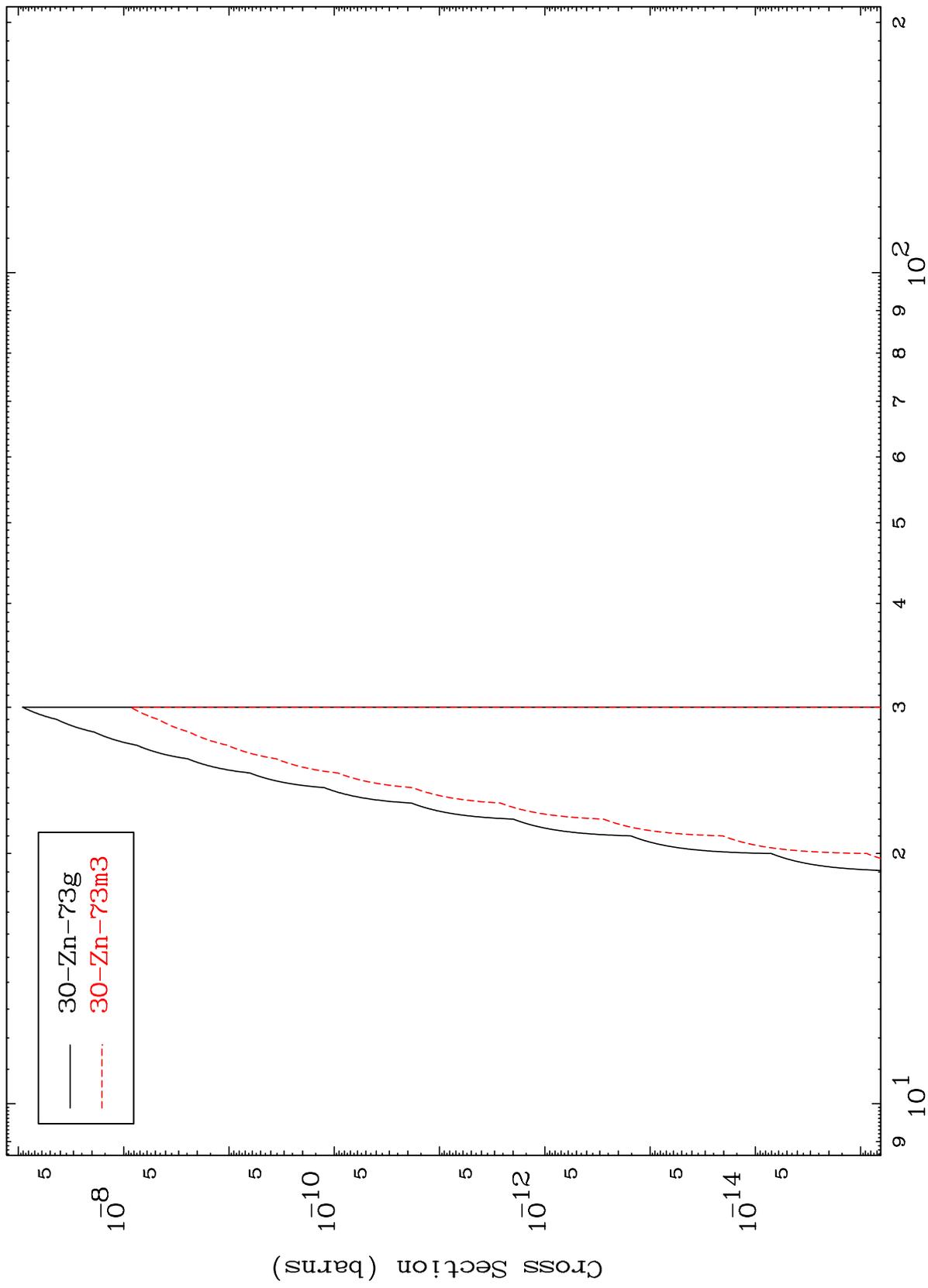
³⁴Se-80

131

MAT 3443

³⁴Se-80

Radionuclide Production Cross Section
(n,2α)



Incident Energy (MeV)

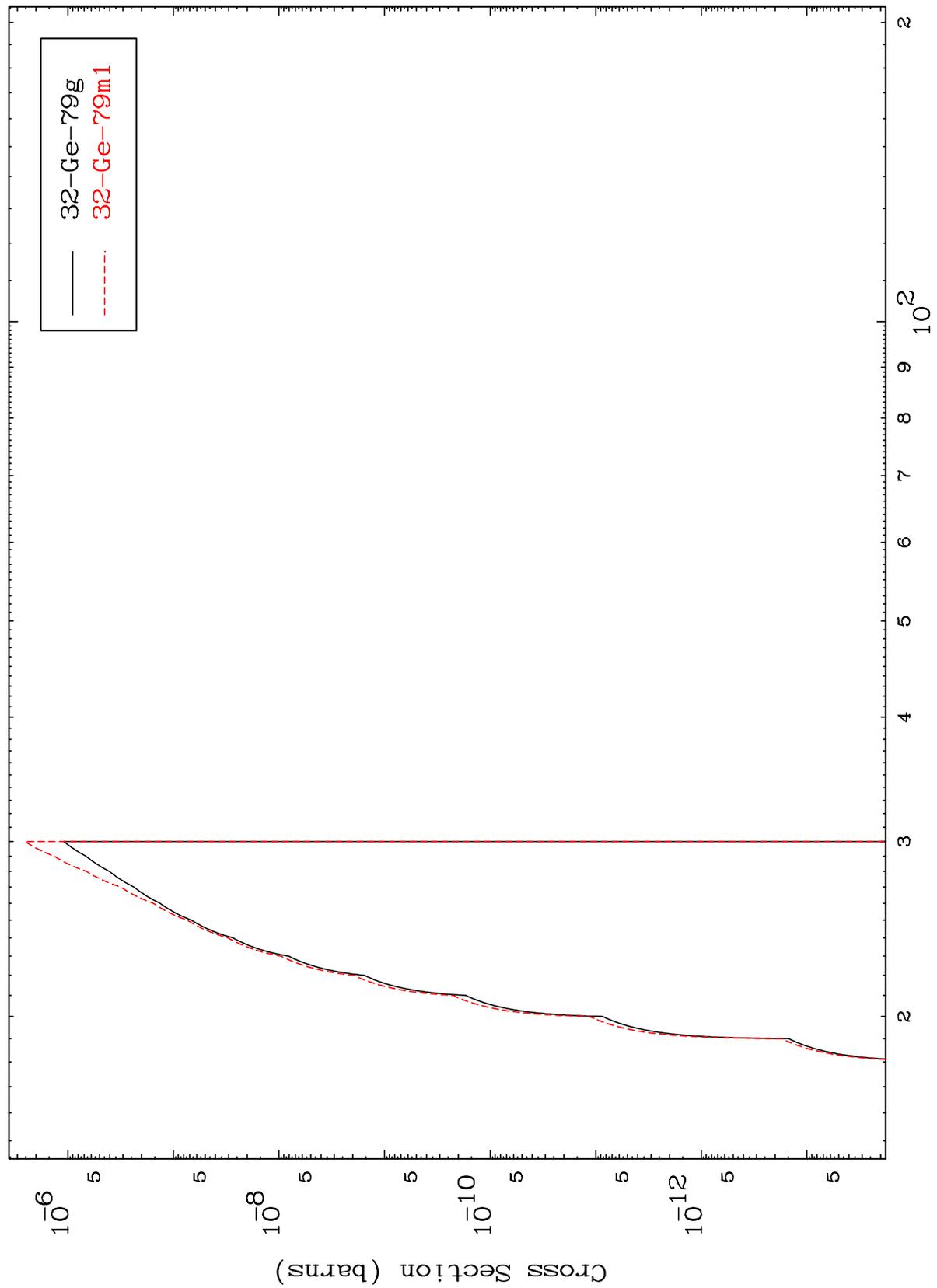
³⁴Se-80

132

MAT 3443

34-Se-80

(n,2p)
Radionuclide Production Cross Section



133

34-Se-80

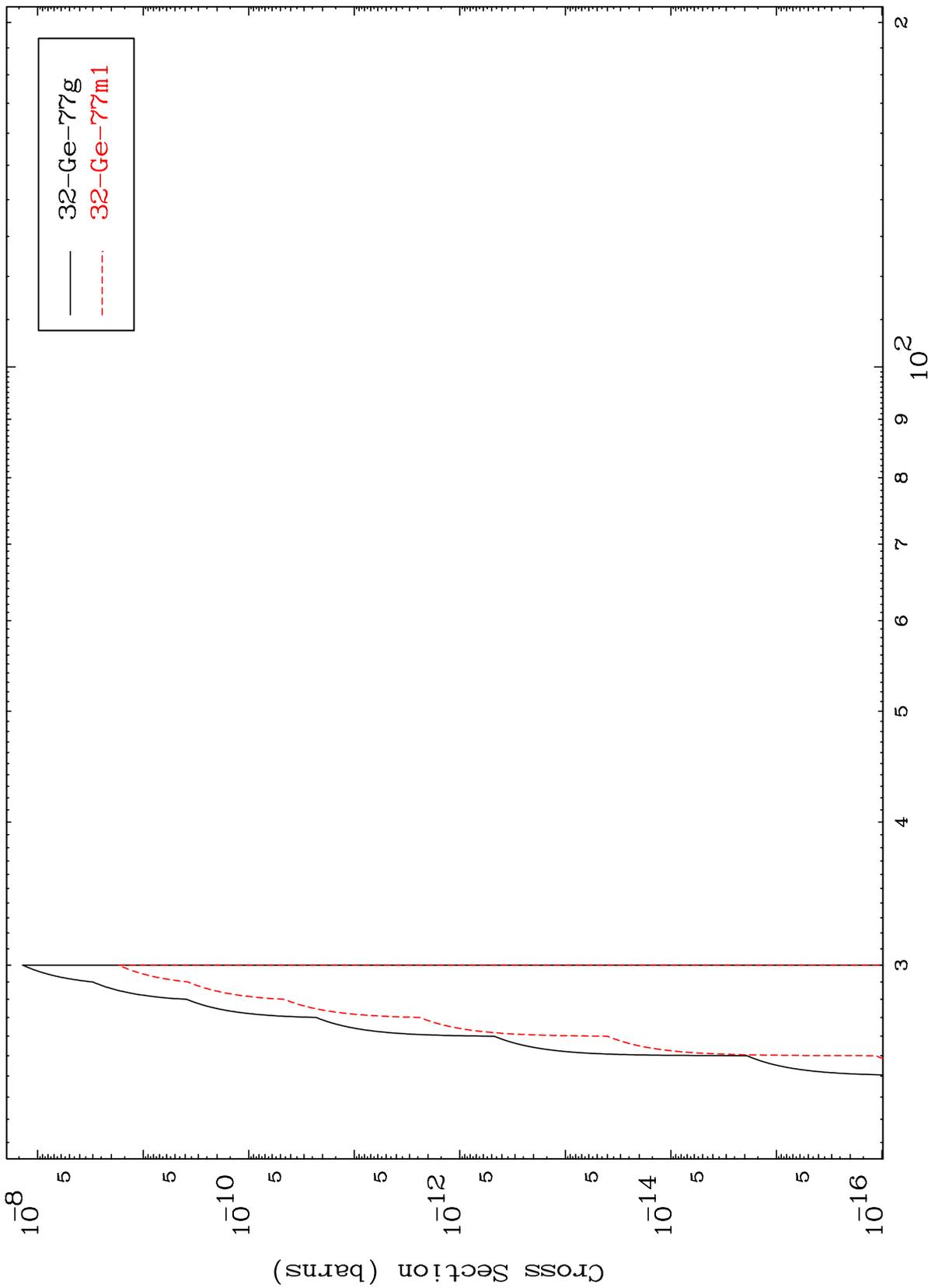
Incident Energy (MeV)

MAT 3443

(n,p) t

³⁴Se-80

Radionuclide Production Cross Section



134

Incident Energy (MeV)

³⁴Se-80