

Program EVALPLOT
(Version 2021-1)

by

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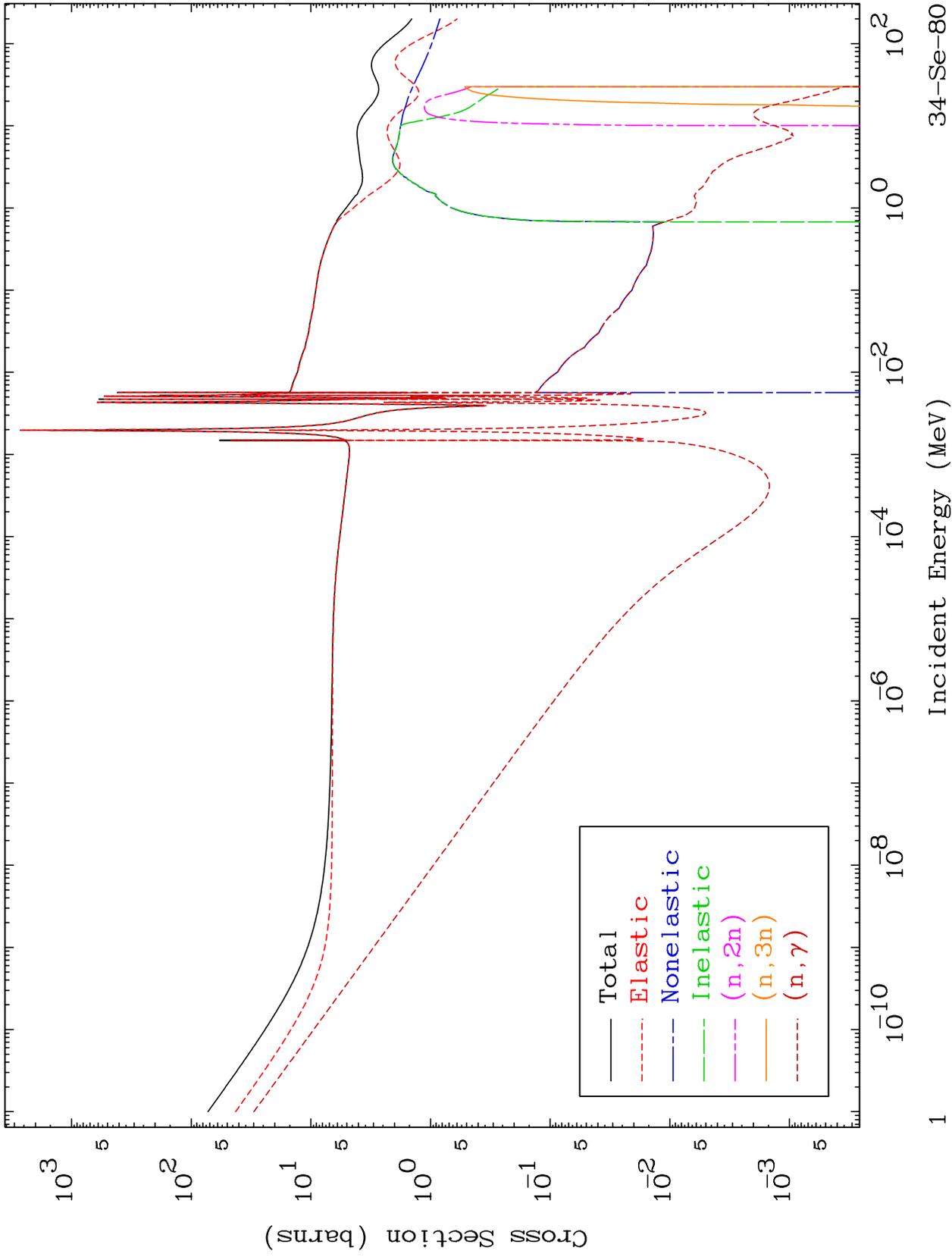
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Press Mouse Button to Start

MAT 3443

Neutron Major
293 Kelvin Cross Sections

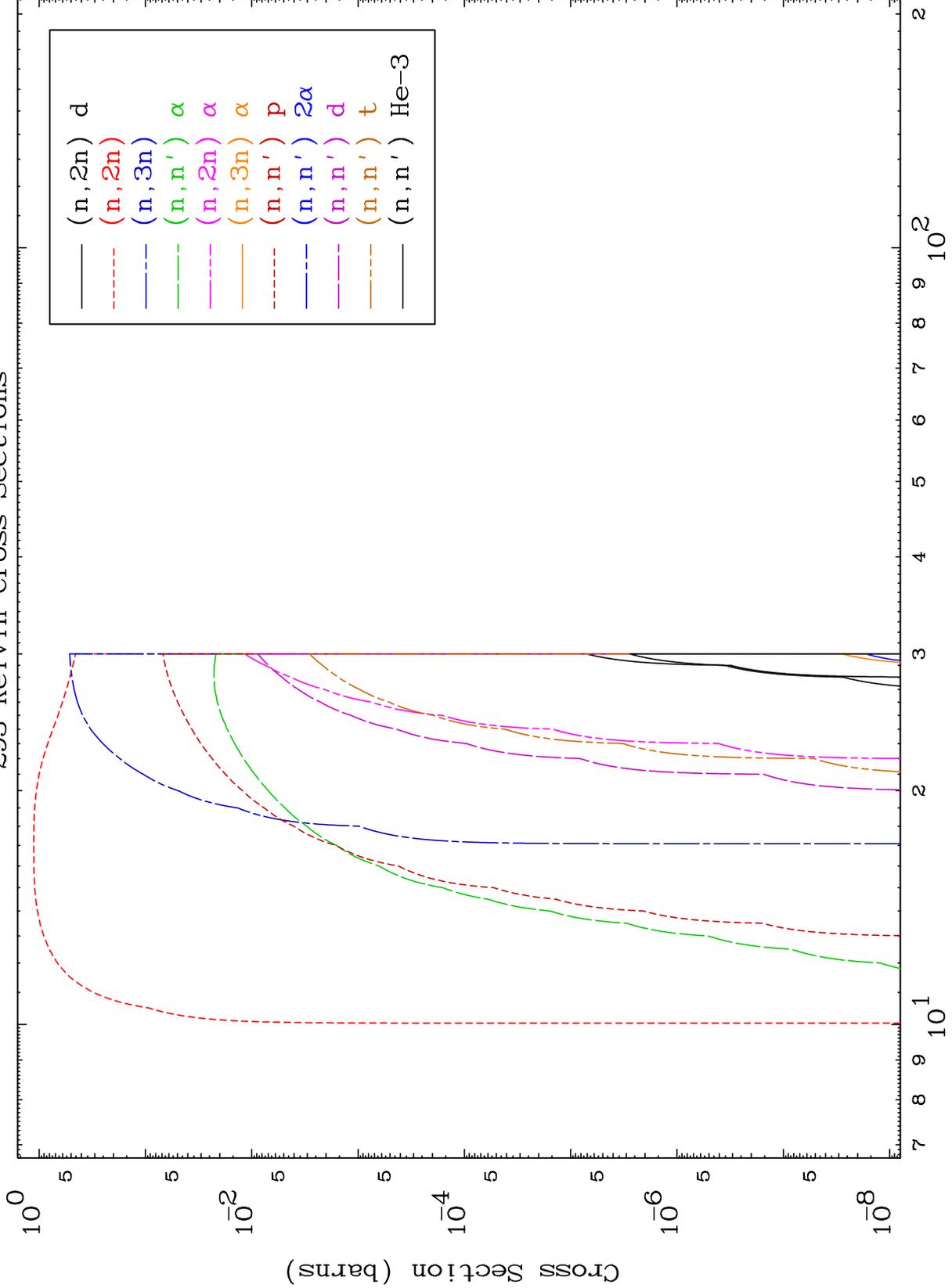
³⁴Se-80



MAT 3443

Neutron Absorption
293 Kelvin Cross Sections

34-Se-80



2

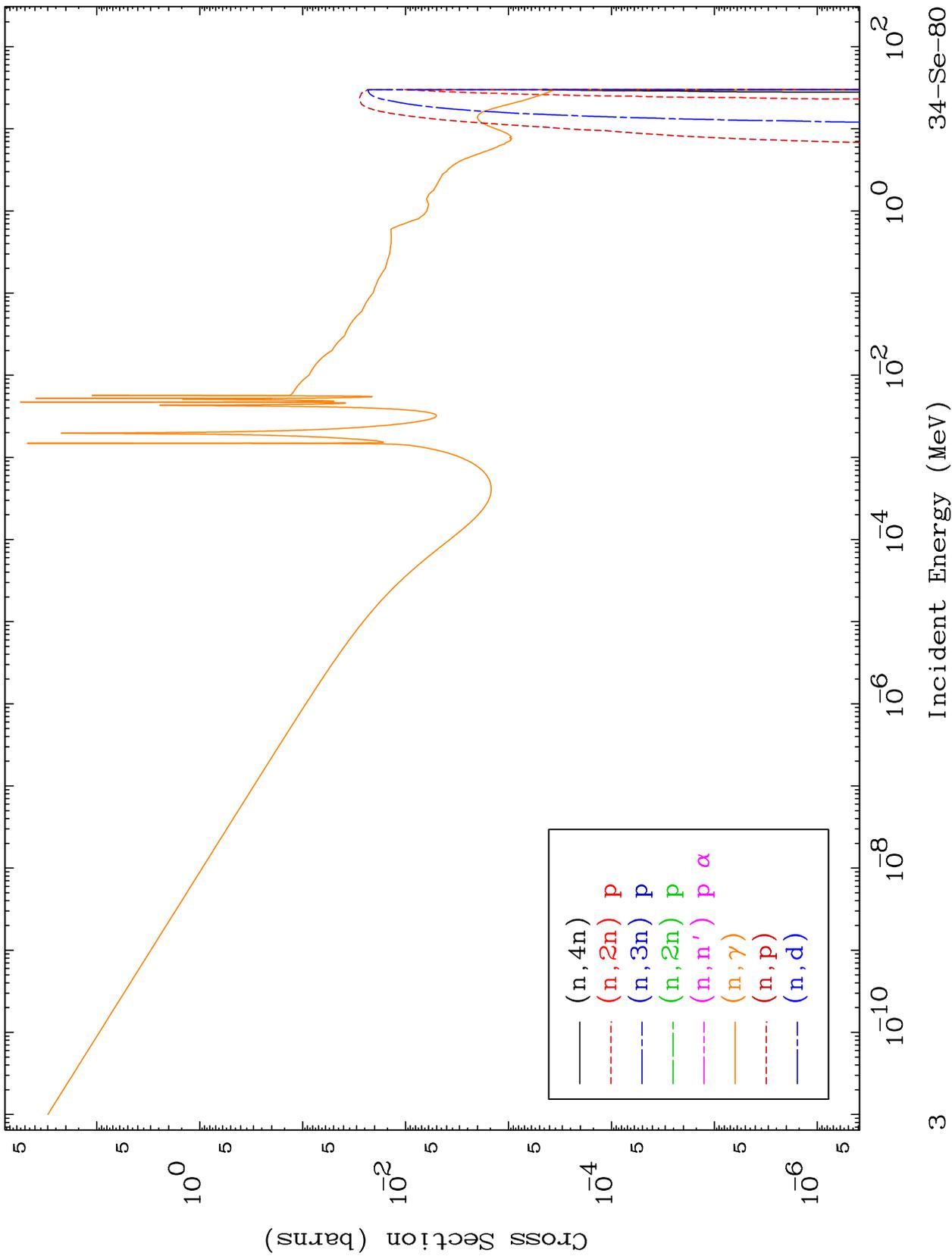
Incident Energy (MeV)

34-Se-80

MAT 3443

Neutron Absorption
293 Kelvin Cross Sections

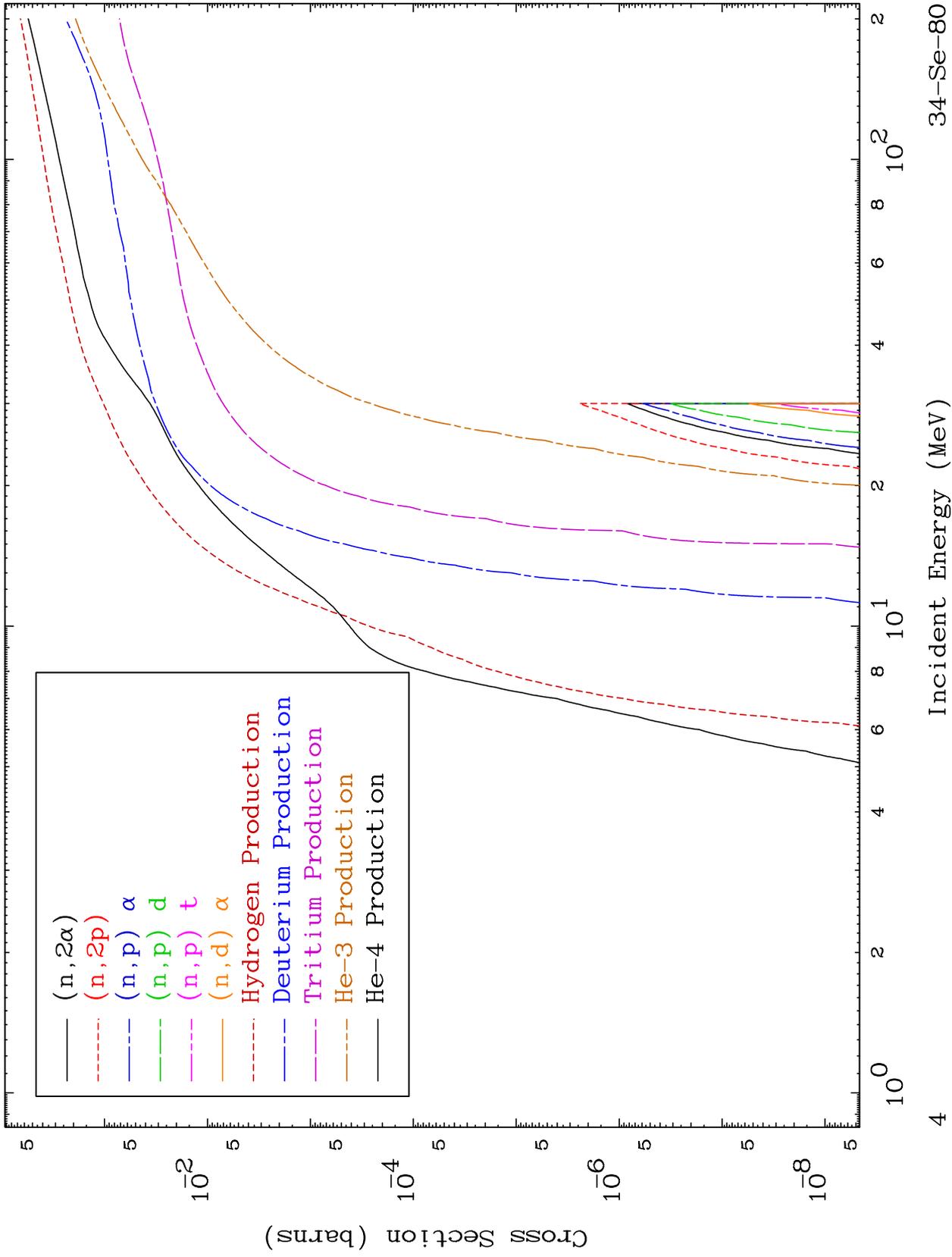
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MAT 3443

Neutron Absorption
293 Kelvin Cross Sections

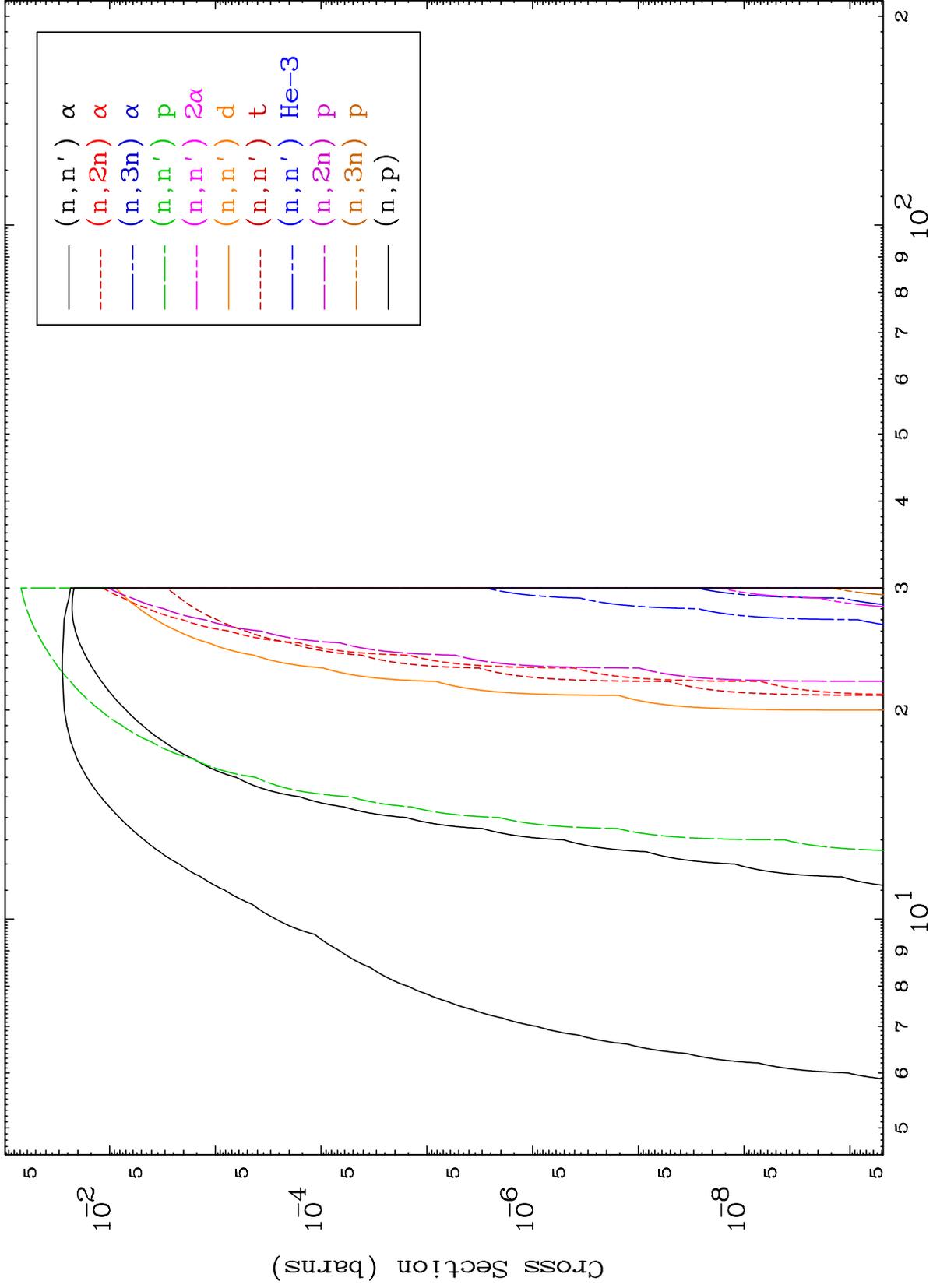
34-Se-80



MAT 3443

Charged Particle
293 Kelvin Cross Sections

34-Se-80



5

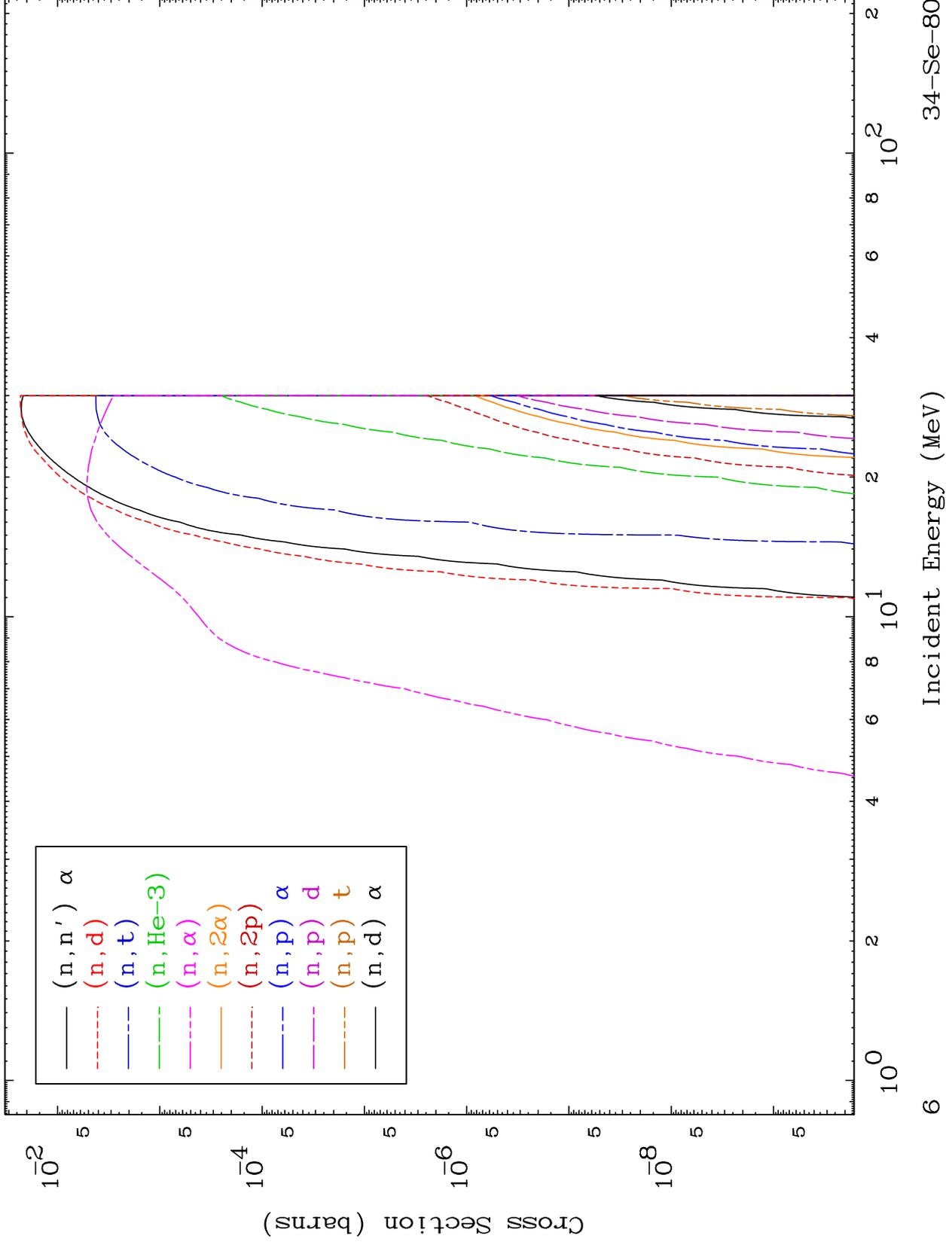
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34-Se-80

MAT 3443

Charged Particle
293 Kelvin Cross Sections

34-Se-80



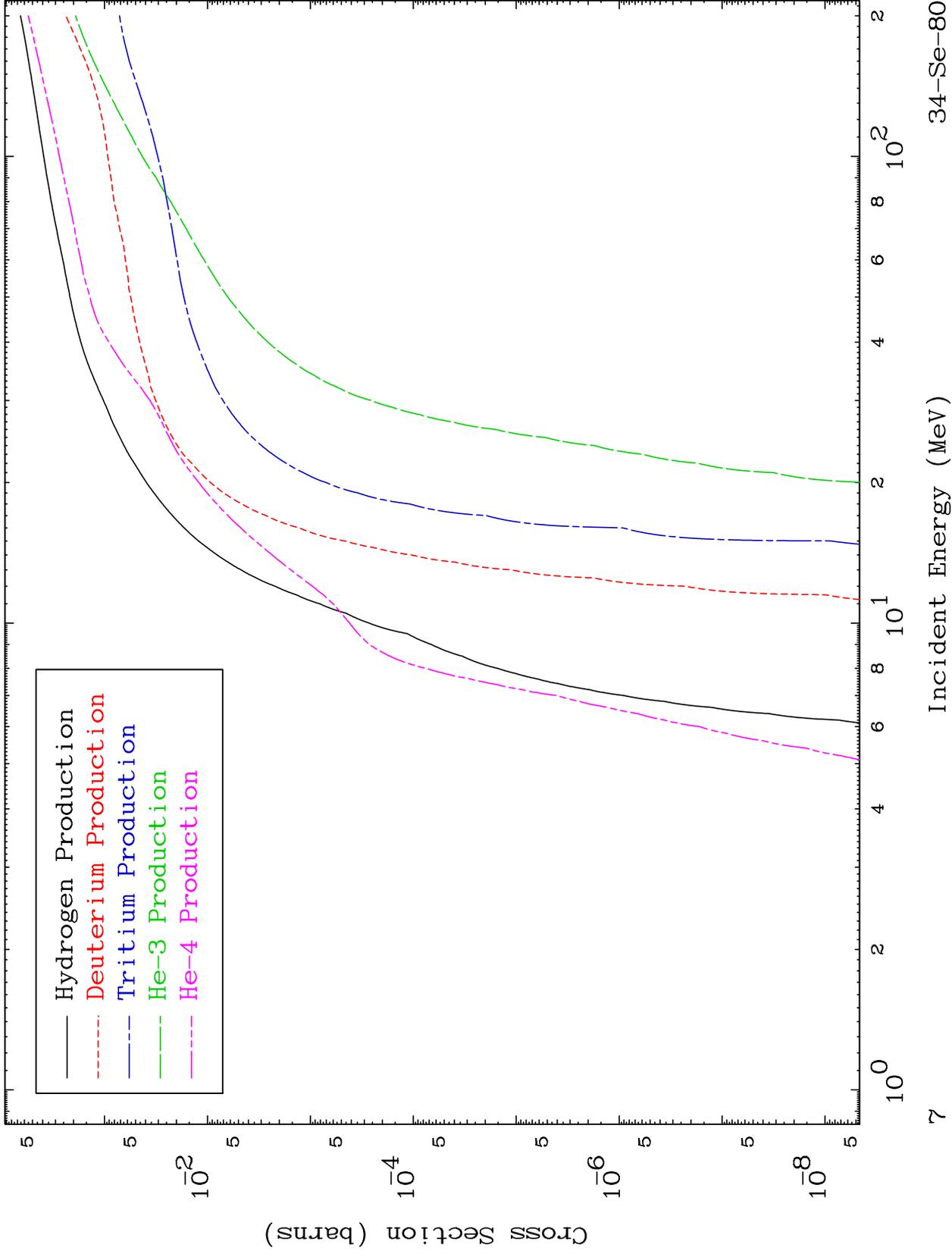
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Incident Energy (MeV)

MAT 3443

Particle Production
293 Kelvin Cross Sections

³⁴Se-80



³⁴Se-80

Incident Energy (MeV)

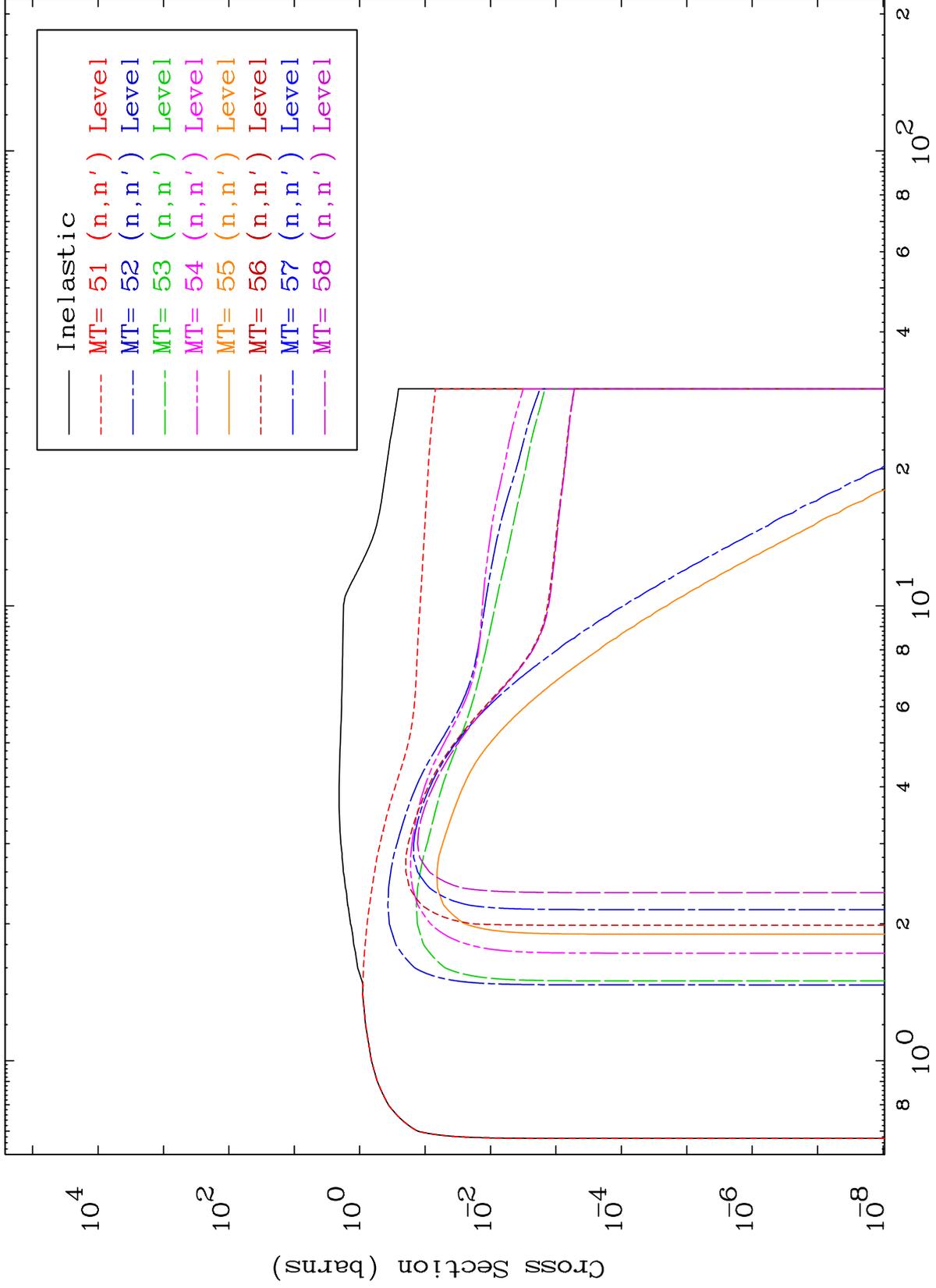
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MAT 3443

(n,n') Levels

34-Se-80

293 Kelvin Cross Sections



8

Incident Energy (MeV)

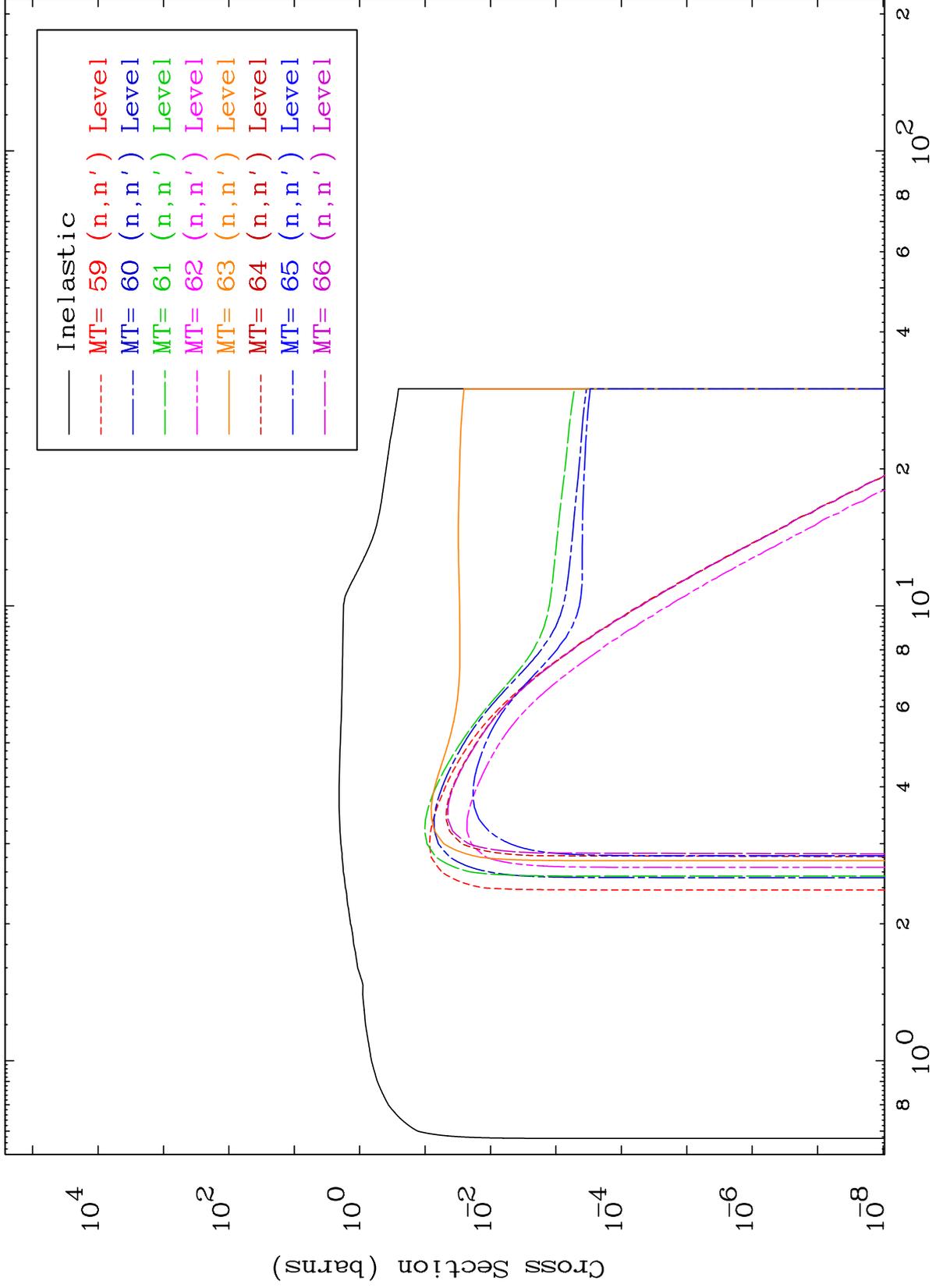
34-Se-80

MAT 3443

(n,n') Levels

34-Se-80

293 Kelvin Cross Sections

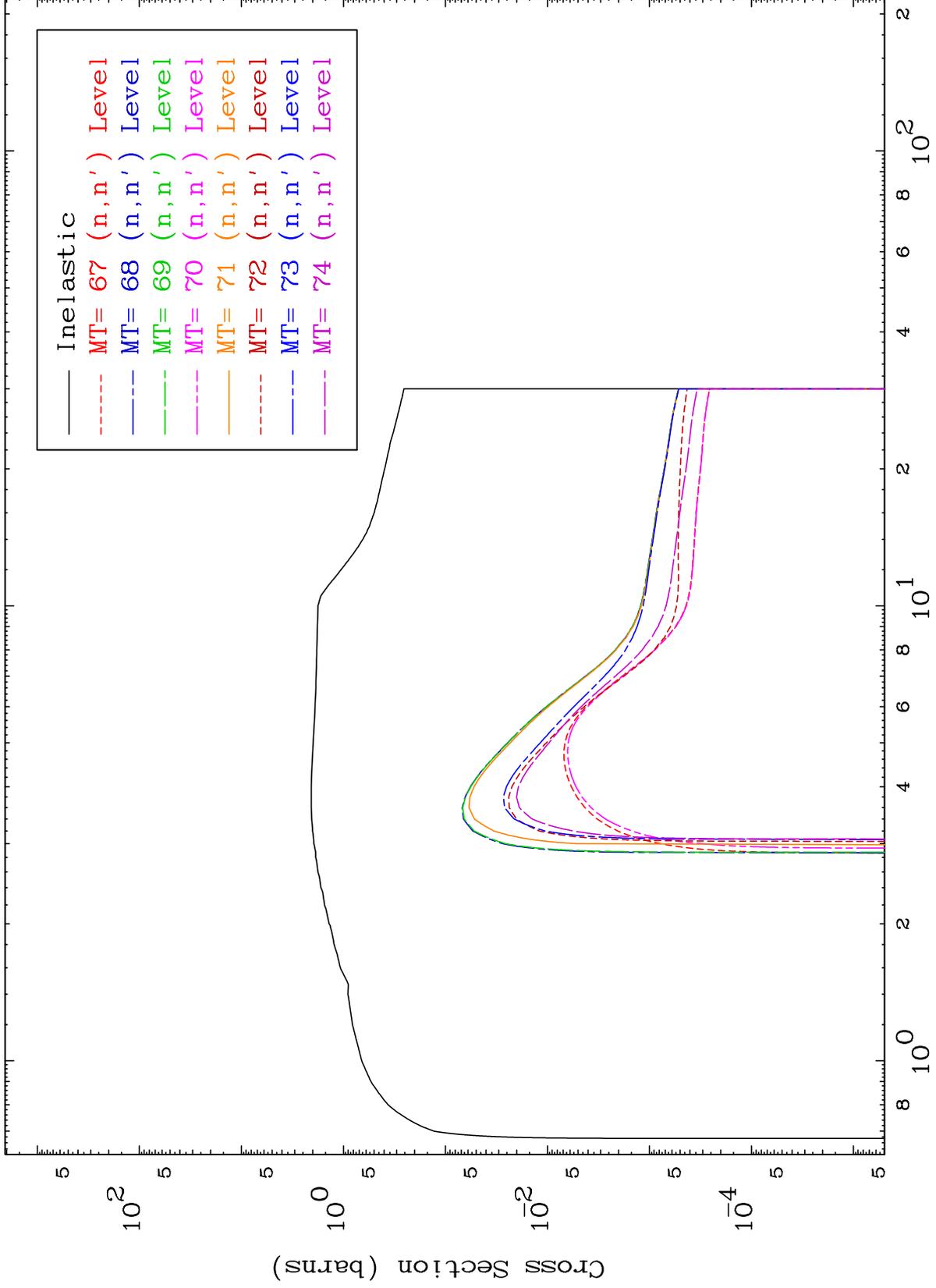


MAT 3443

(n,n') Levels

34-Se-80

293 Kelvin Cross Sections



10

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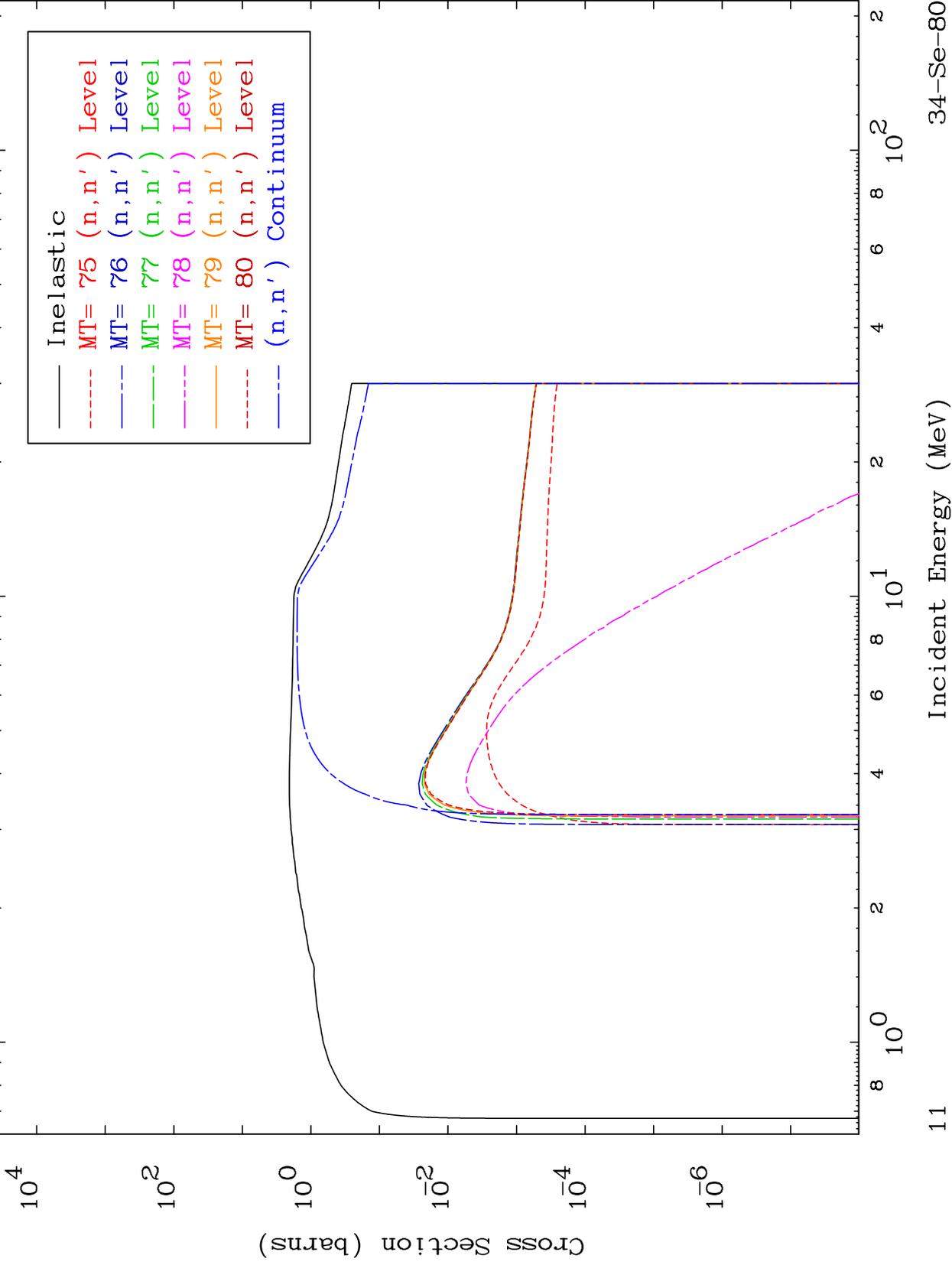
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MAT 3443

(n,n') Levels

34-Se-80

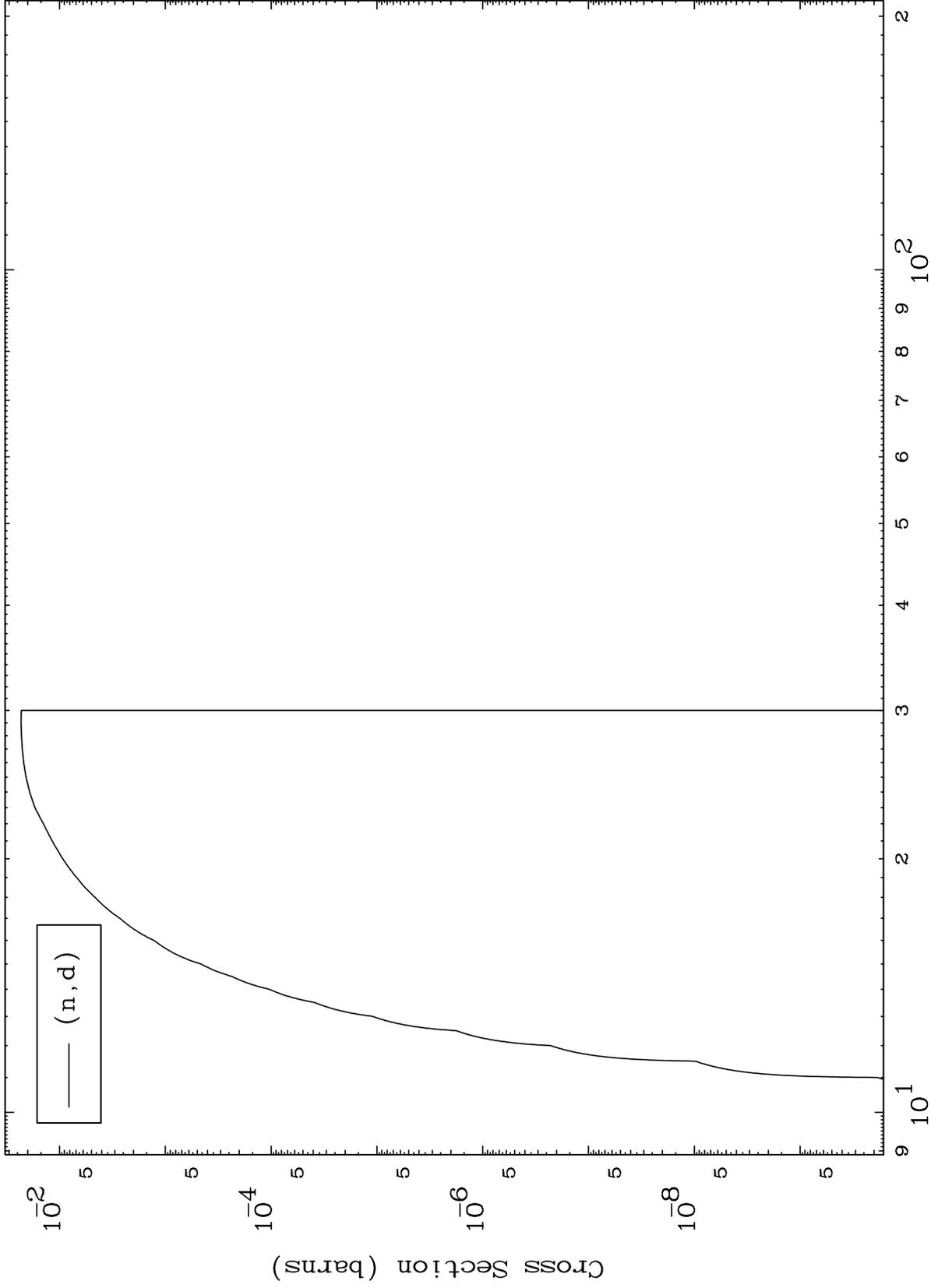
293 Kelvin Cross Sections



MAT 3443

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-80



13

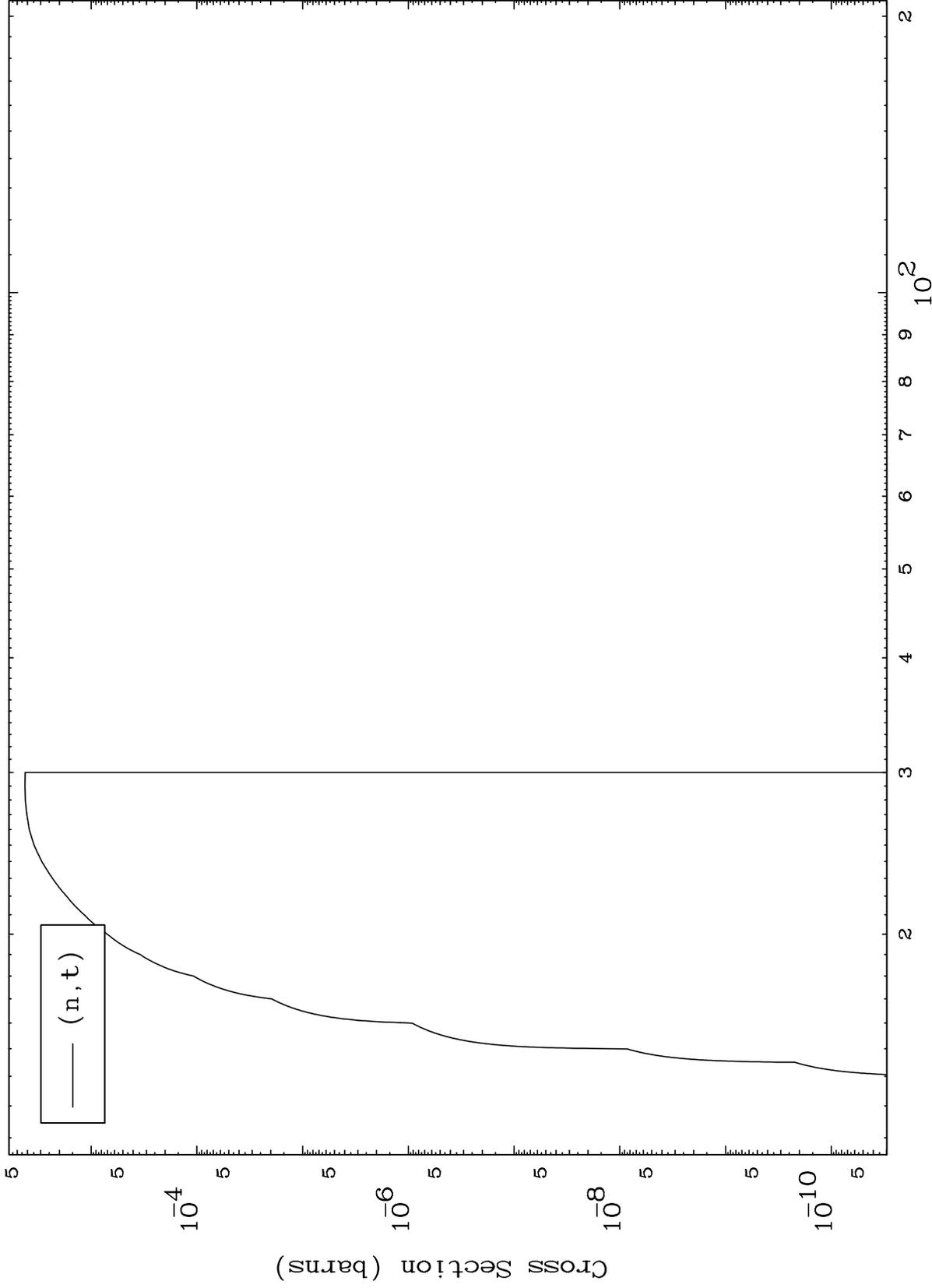
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³⁴Se-80

MAT 3443

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-80



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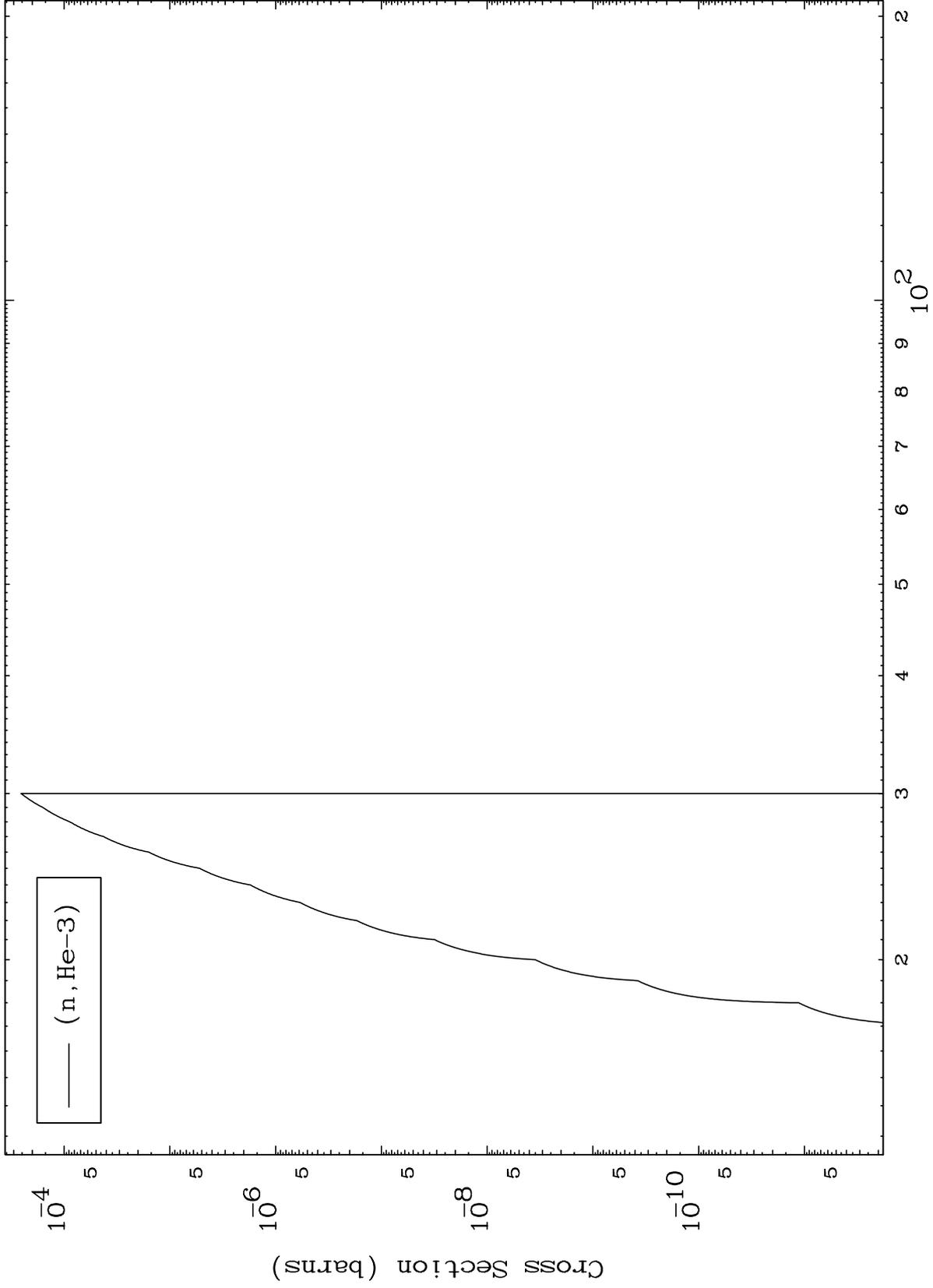
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³⁴Se-80

MAT 3443

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-80



15

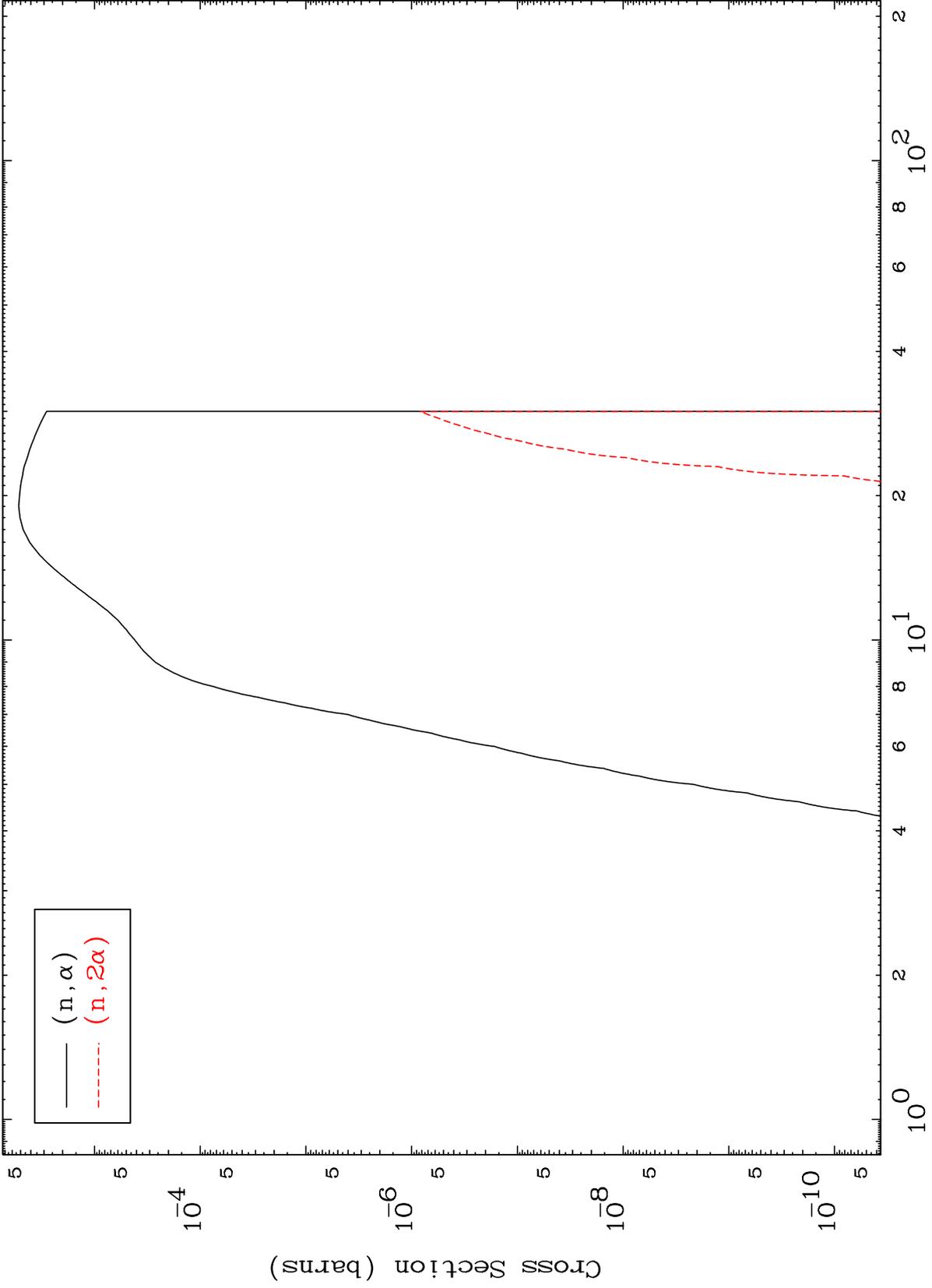
Incident Energy (MeV)

34-Se-80

MAT 3443

(n, α) Levels
293 Kelvin Cross Sections

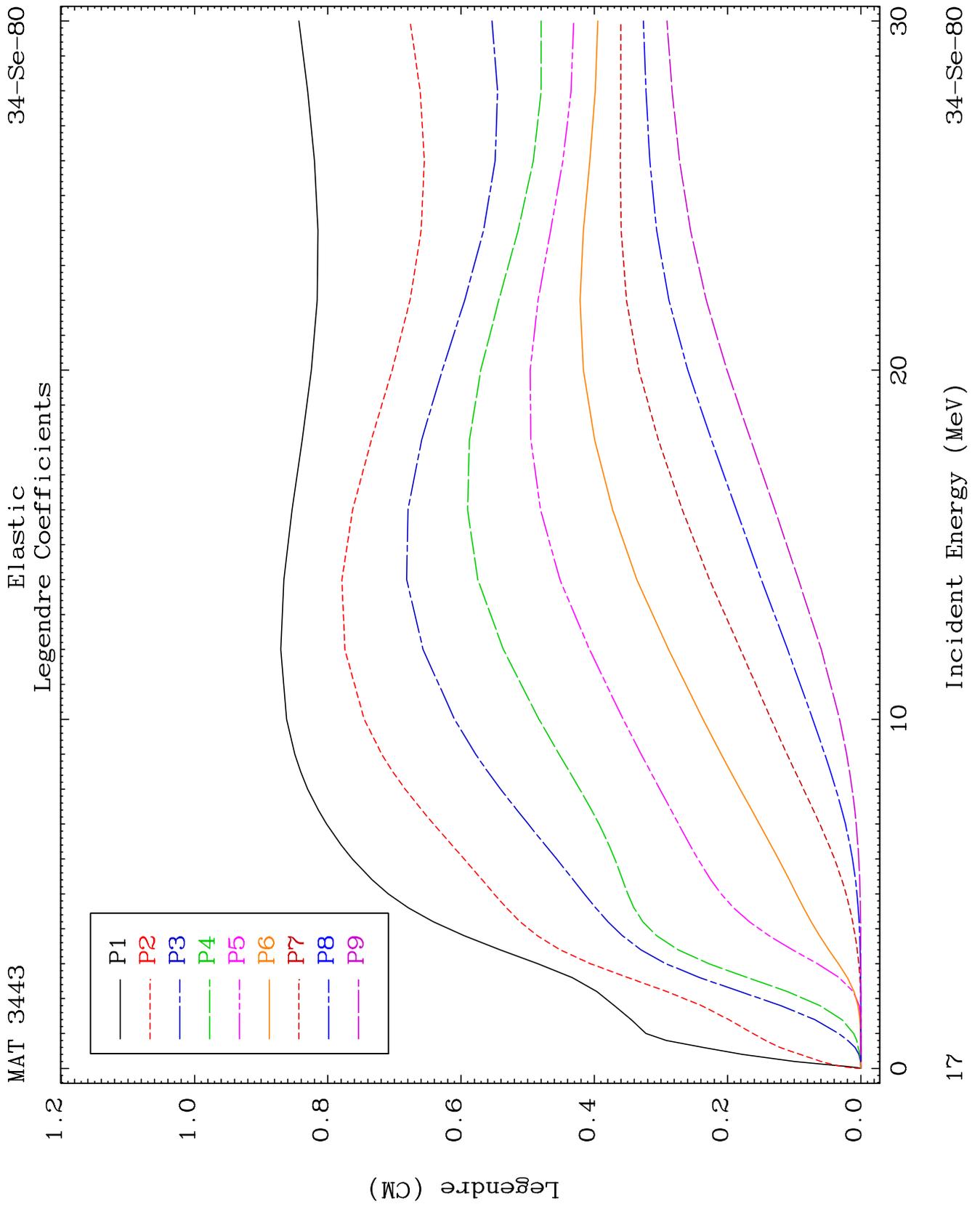
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Incident Energy (MeV)

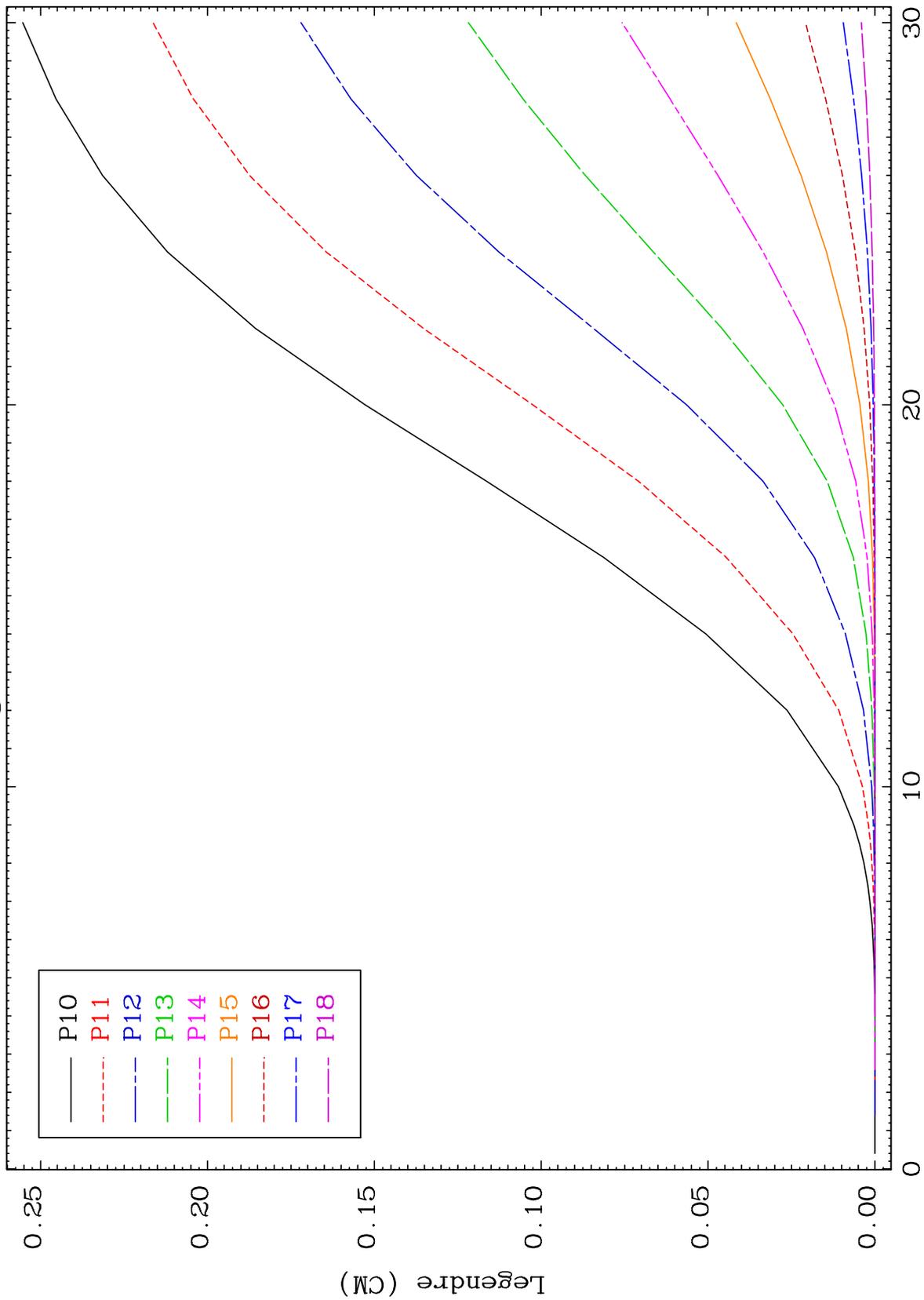
³⁴Se-80



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Elastic Legendre Coefficients

³⁴Se-80



18

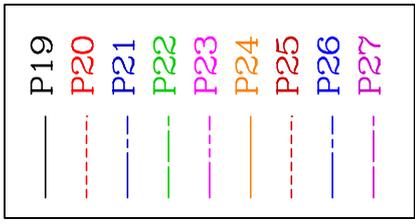
Incident Energy (MeV)

³⁴Se-80

MAT 3443

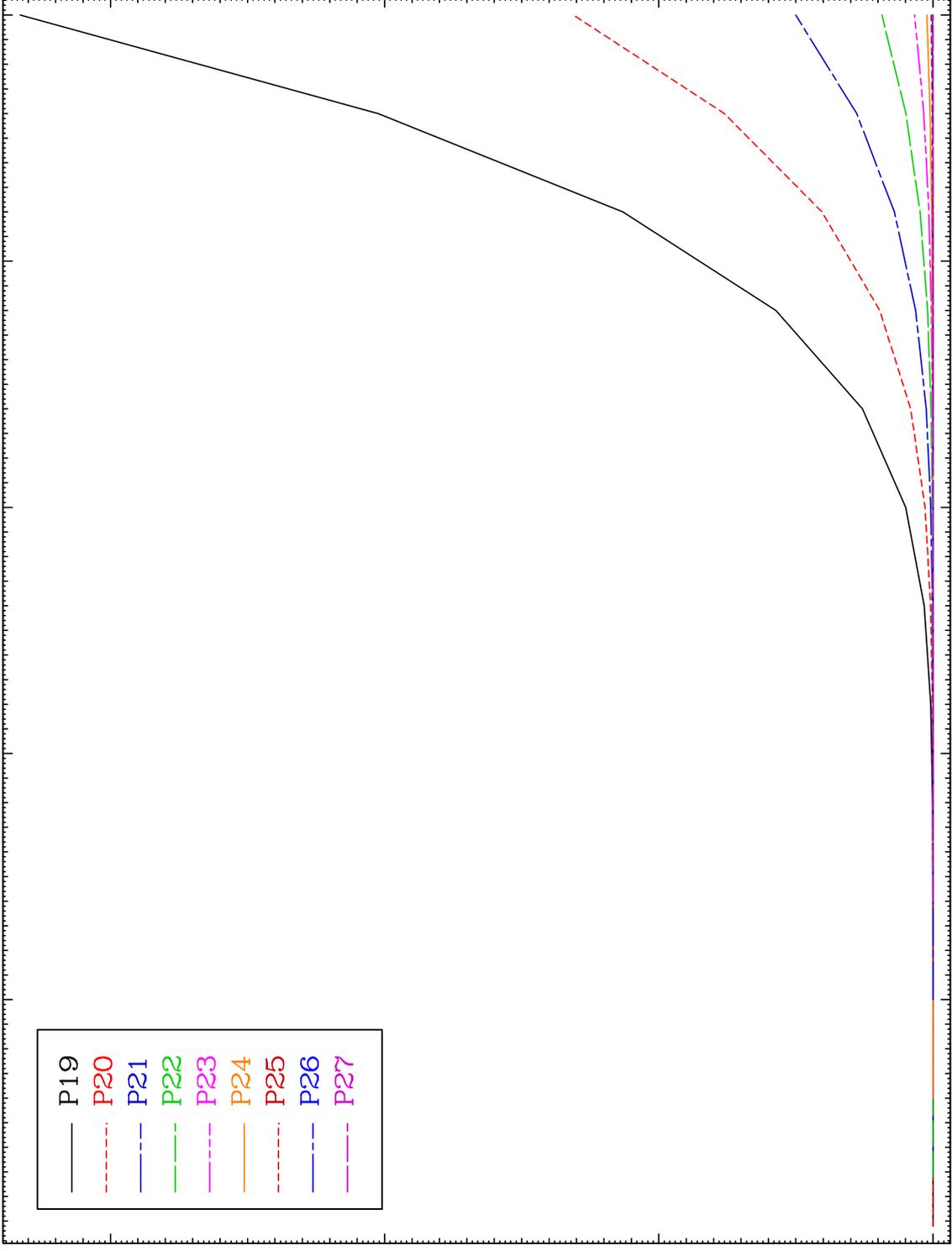
Elastic Legendre Coefficients

³⁴Se-80



$\times 10^{-3}$

Legendre (CM)



10 15 20 25 30

19

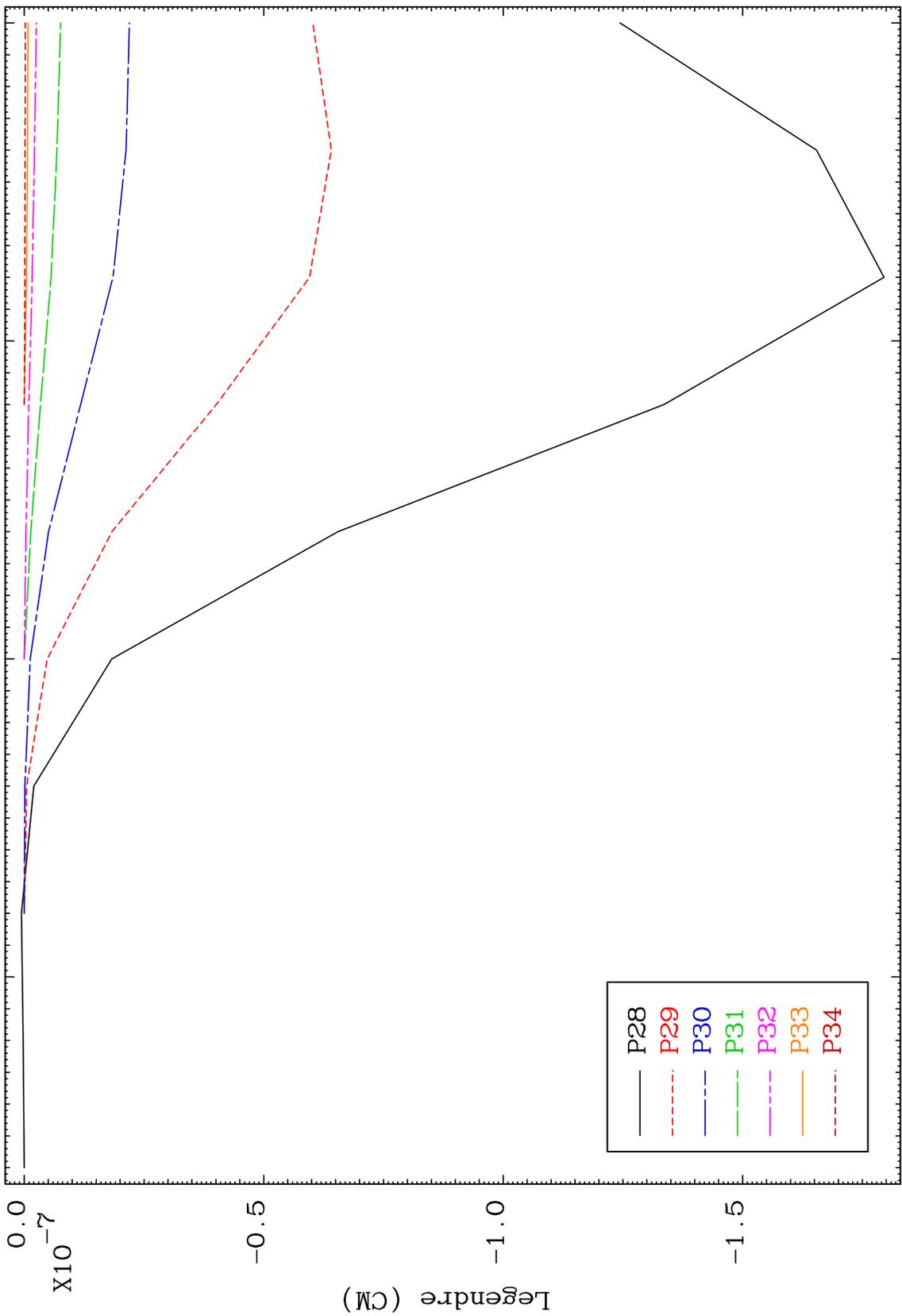
Incident Energy (MeV)

³⁴Se-80

MAT 3443

³⁴Se-80

Elastic Legendre Coefficients



Legendre (CM)
X10⁻⁷

30

25

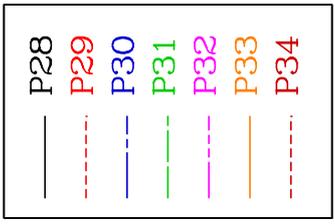
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15

³⁴Se-80

Incident Energy (MeV)

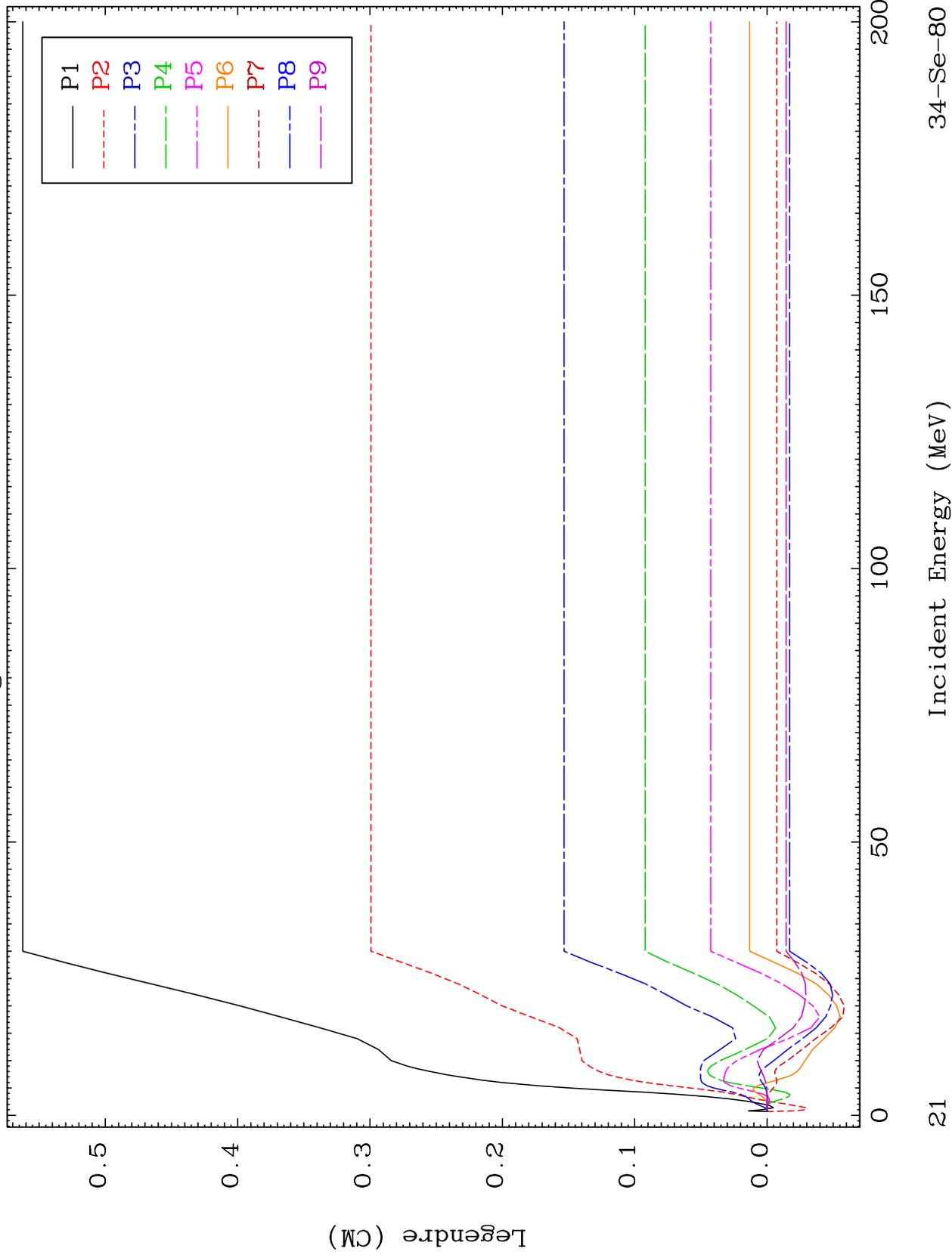
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MAT 3443

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

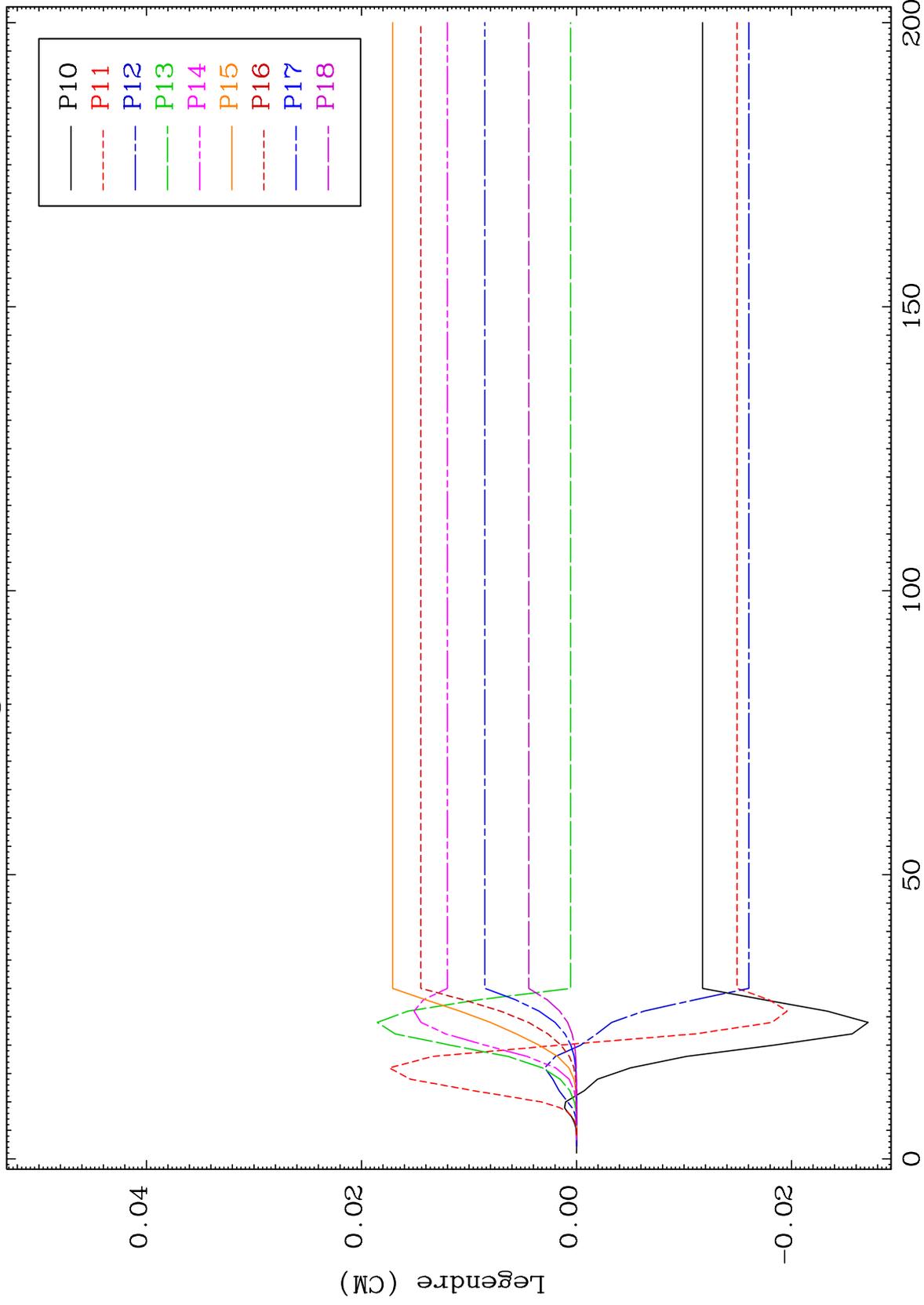
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MAT 3443

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

³⁴Se-80



22

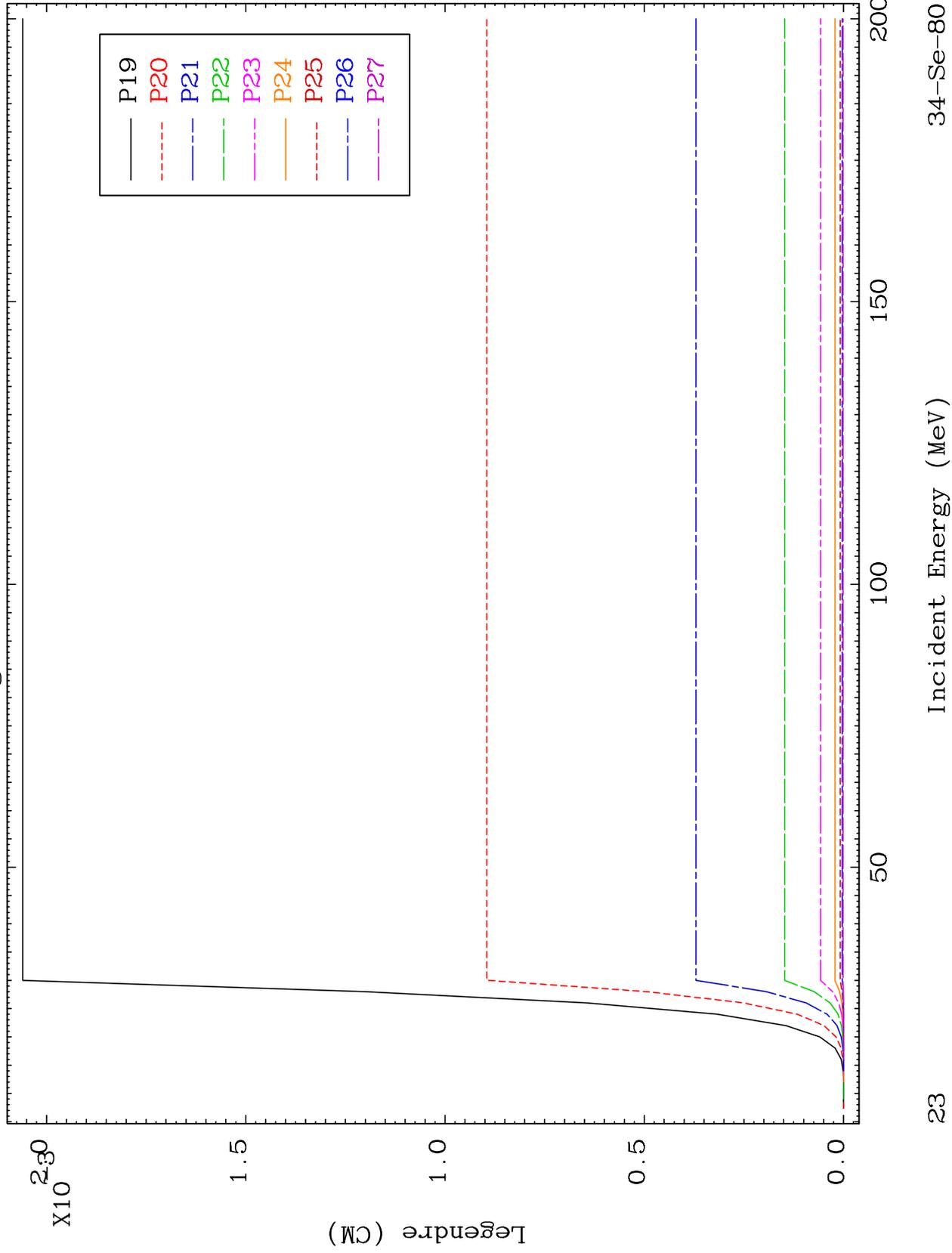
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



23

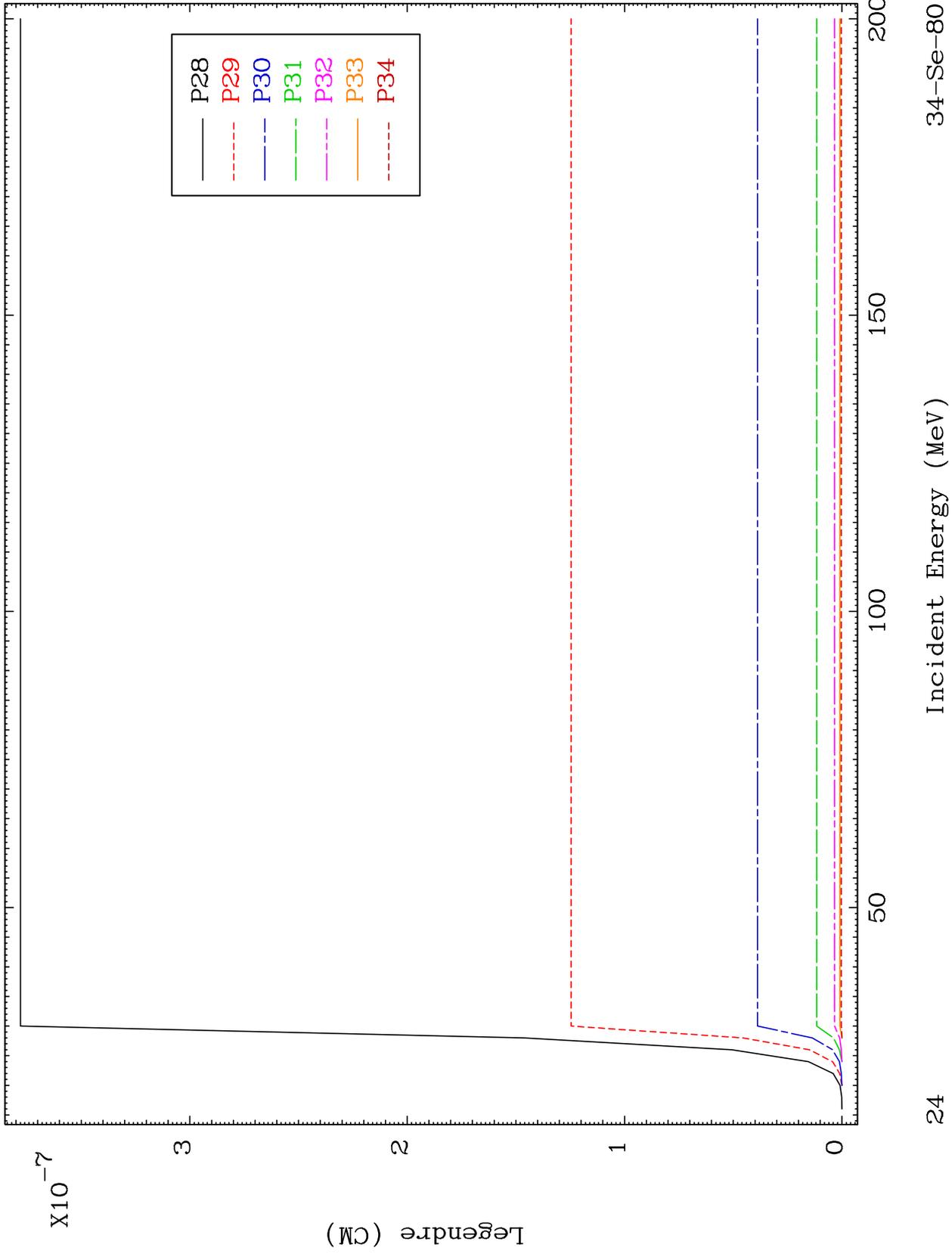
Incident Energy (MeV)

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MAT 3443

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

³⁴Se-80



24

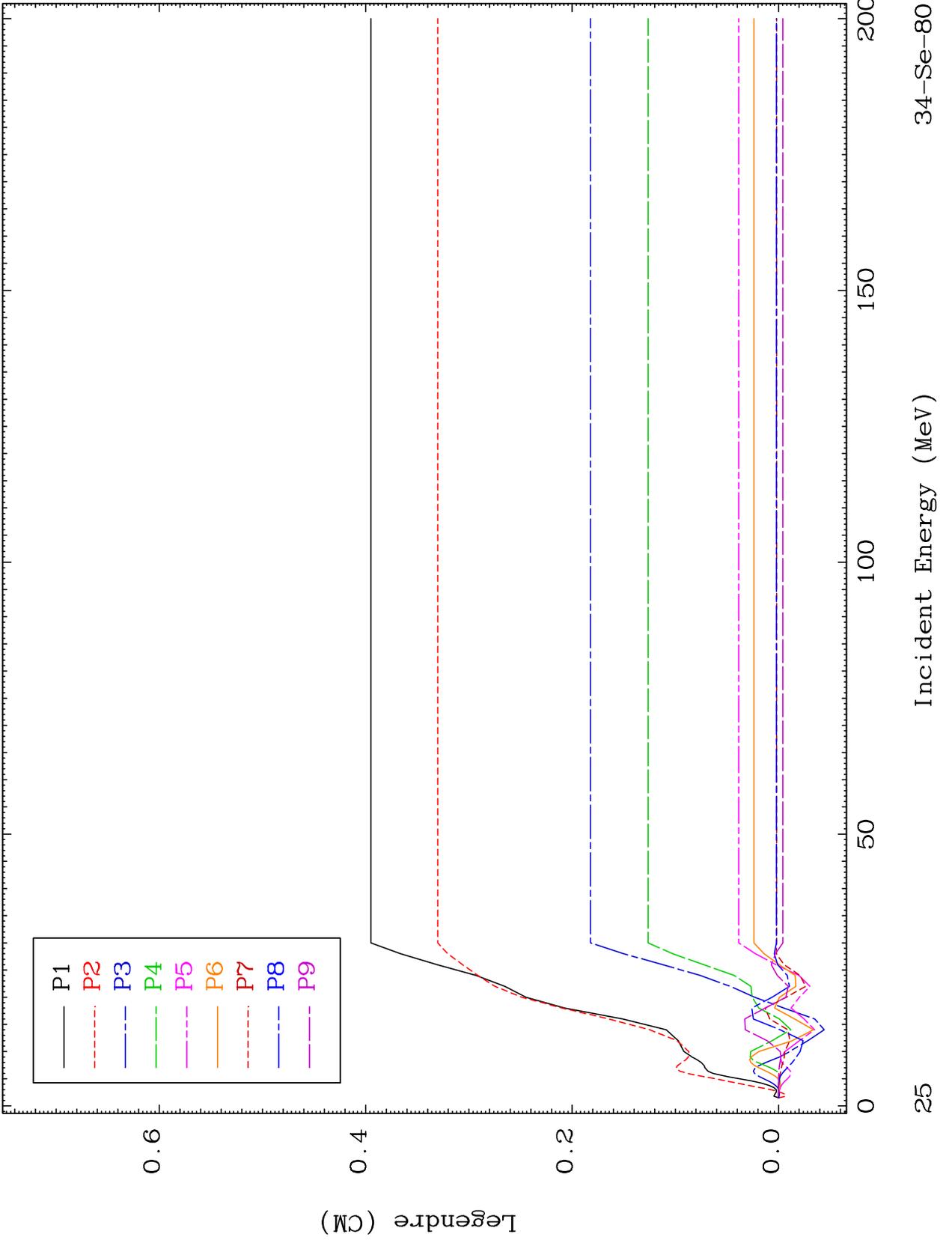
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



³⁴Se-80

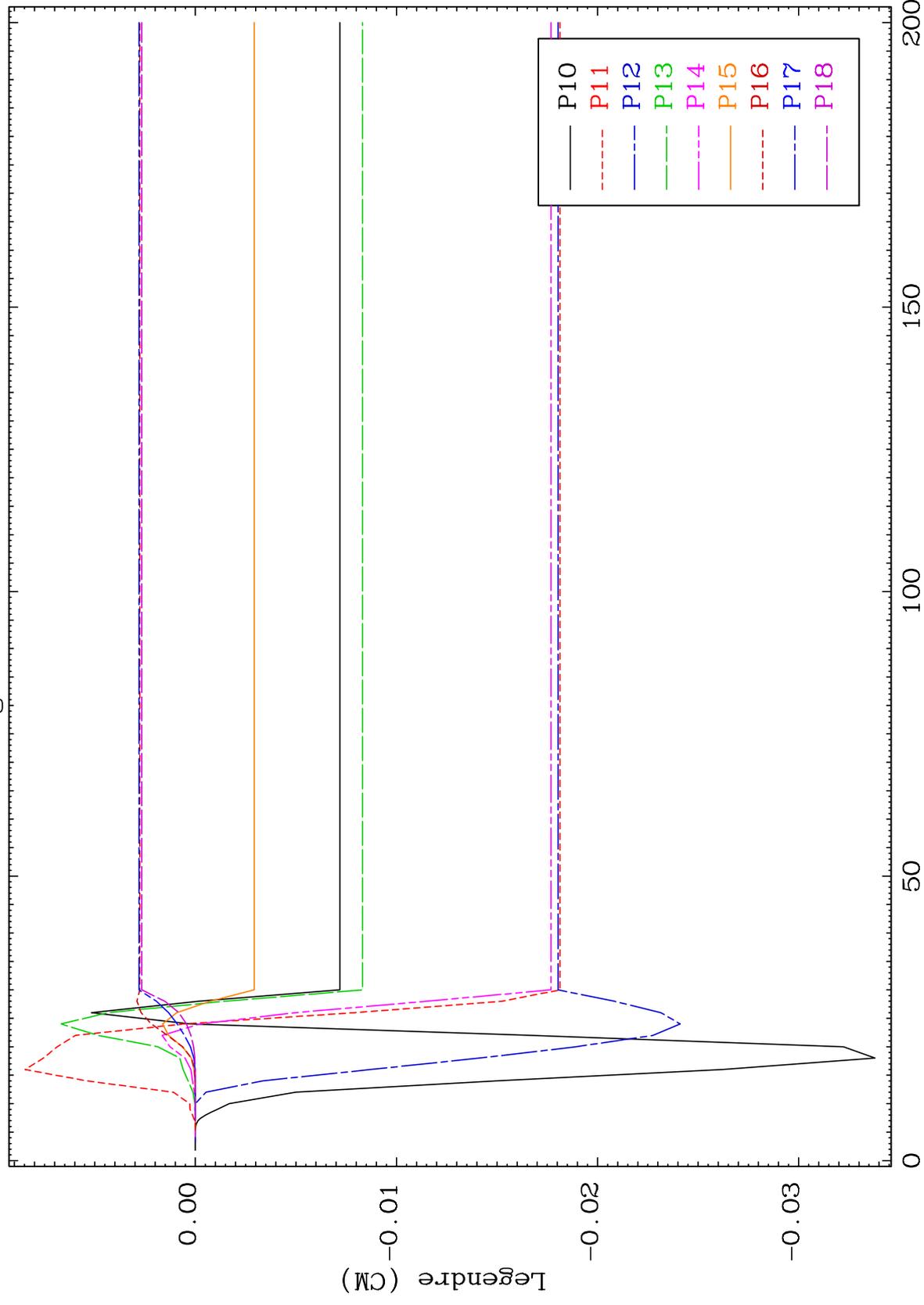
Incident Energy (MeV)

25

MAT 3443

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

34-Se-80



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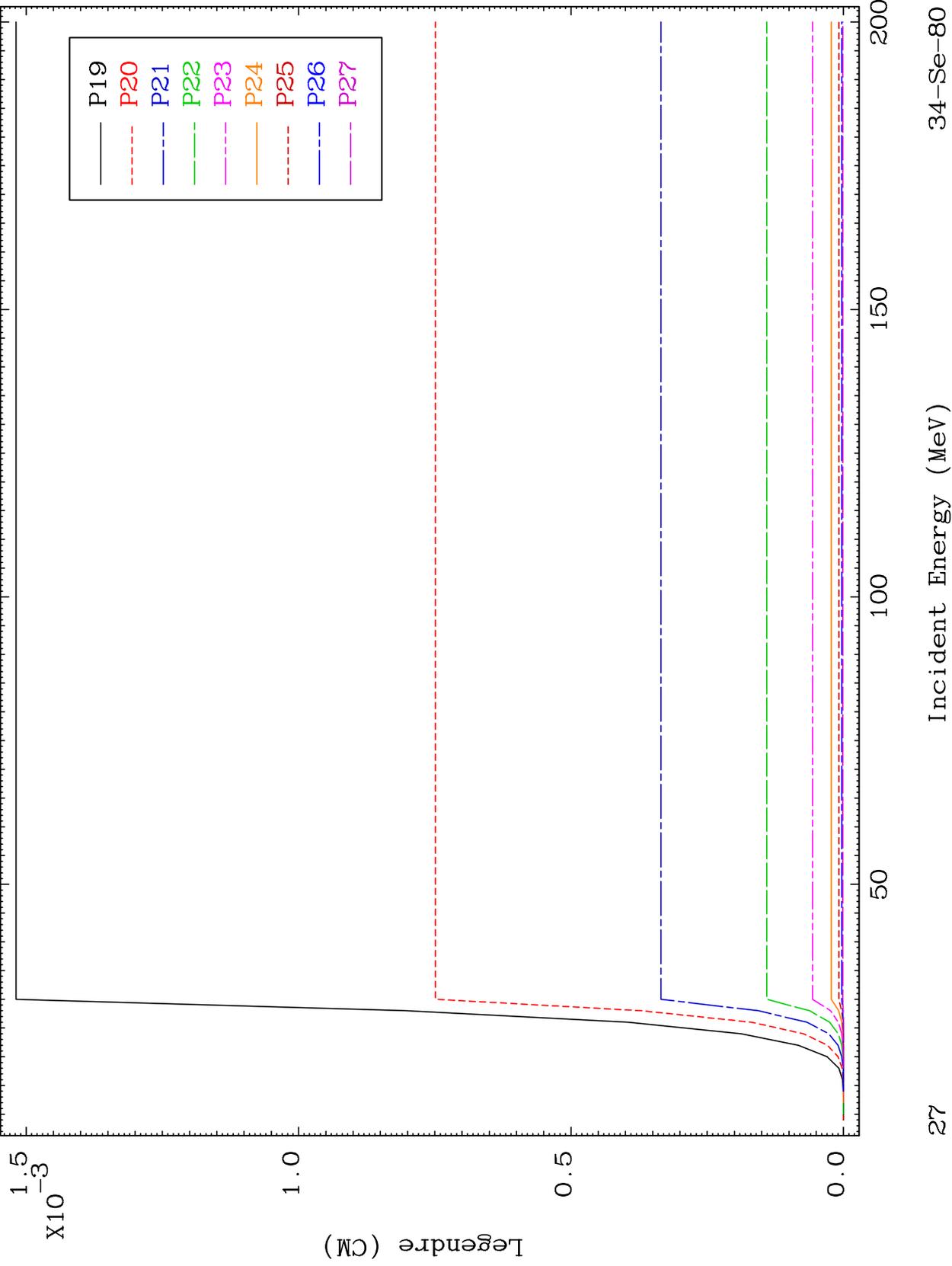
Incident Energy (MeV)

34-Se-80

MAT 3443

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

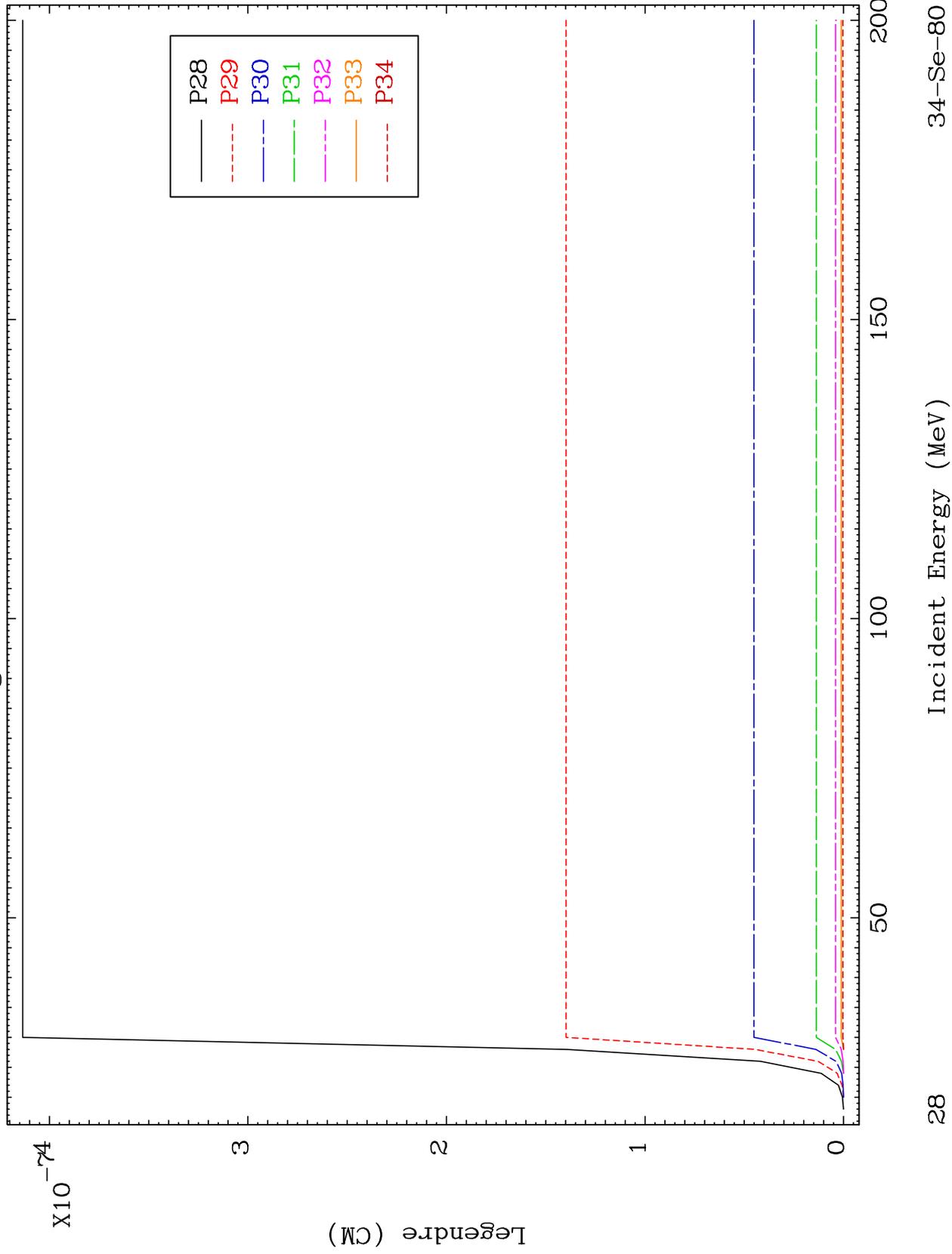
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MAT 3443

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

34-Se-80



28

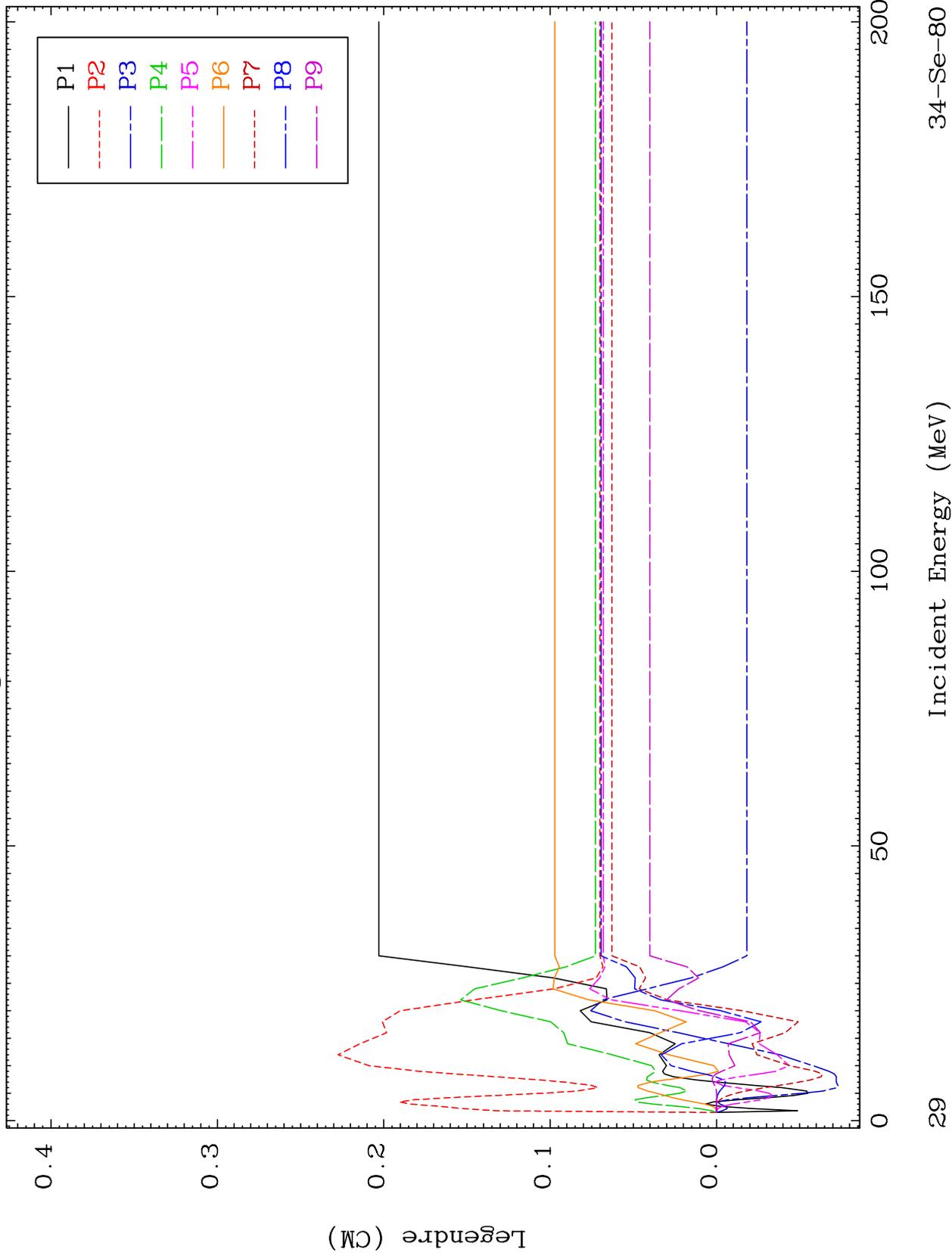
Incident Energy (MeV)

34-Se-80

MAT 3443

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

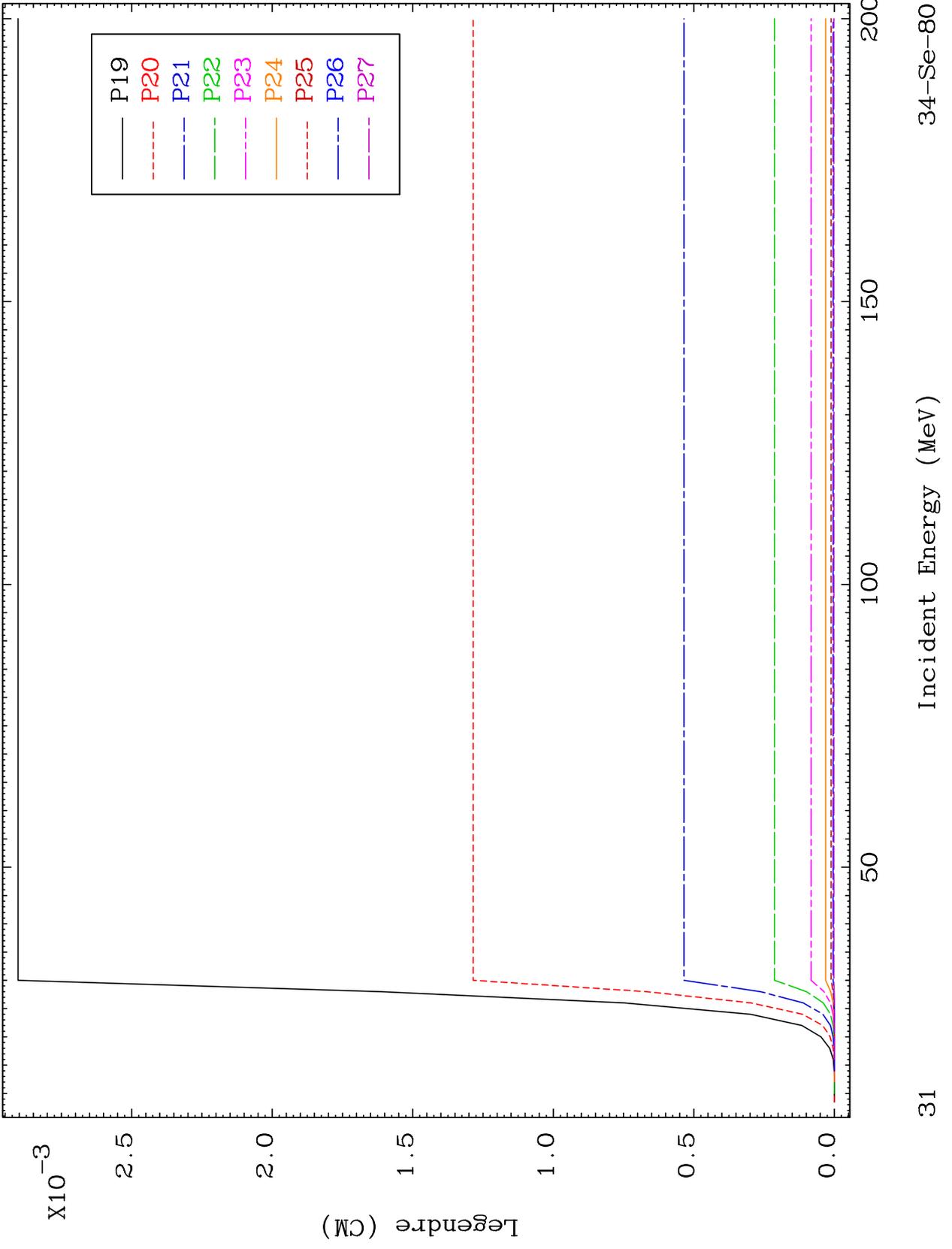
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MAT 3443

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

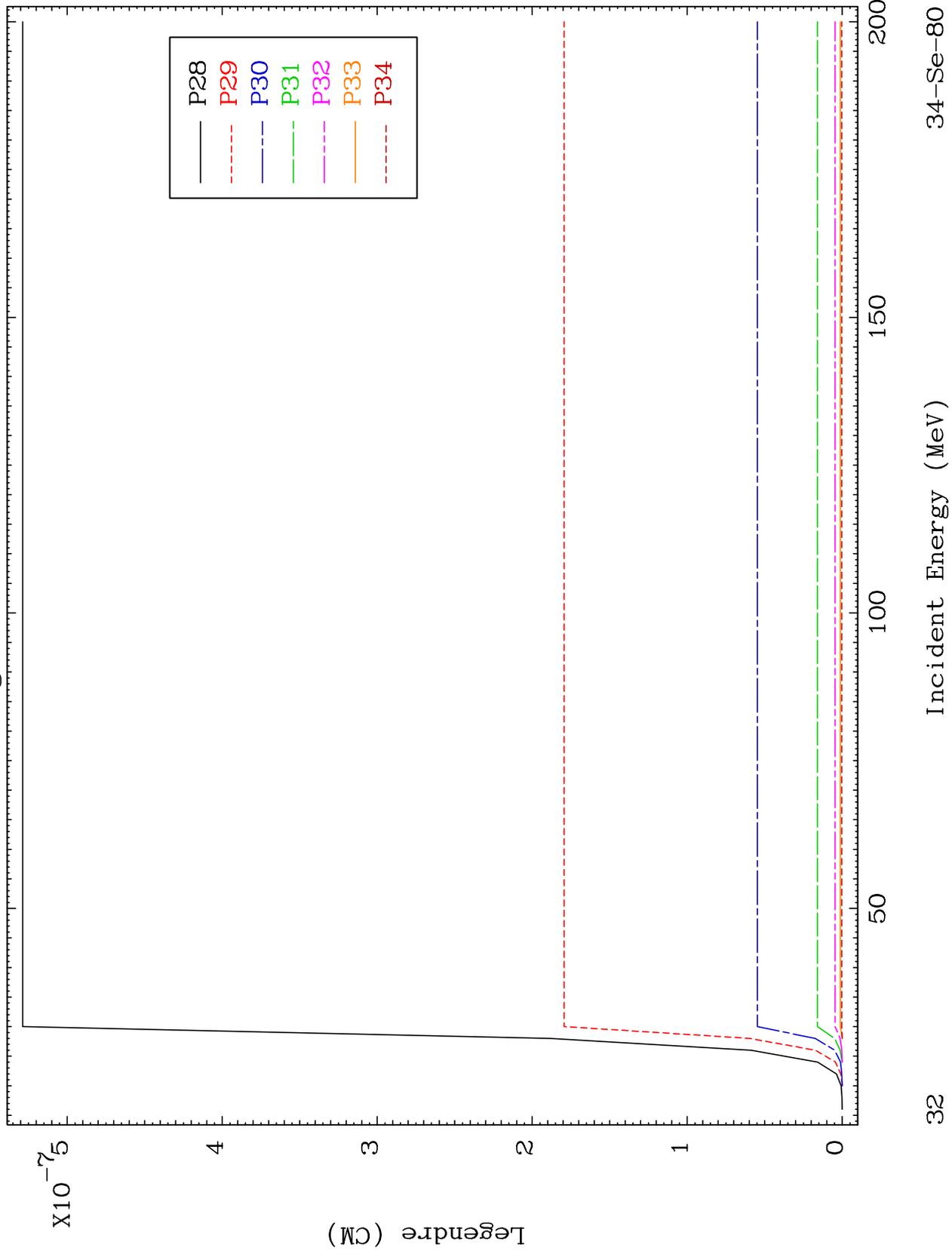
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MAT 3443

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

³⁴Se-80



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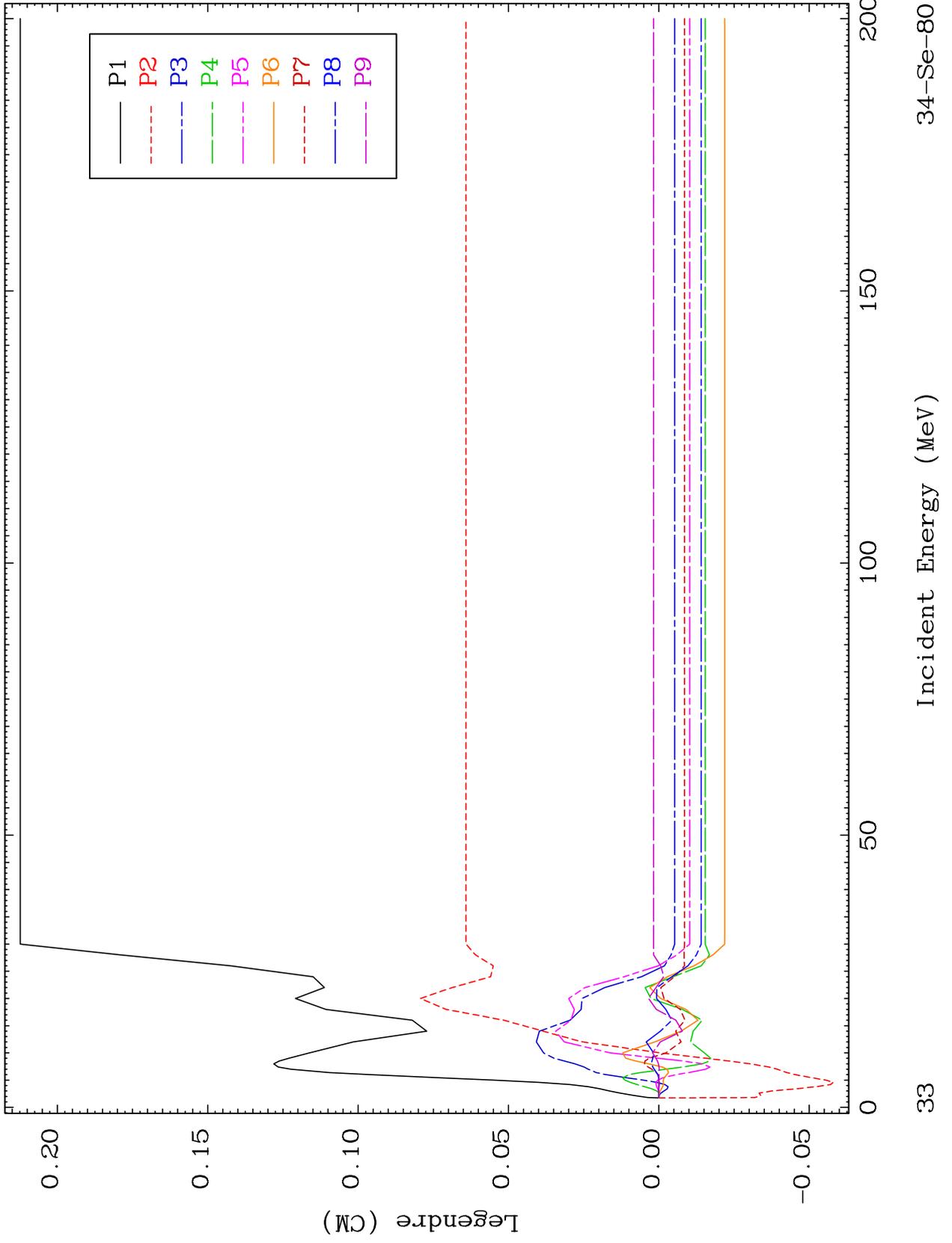
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

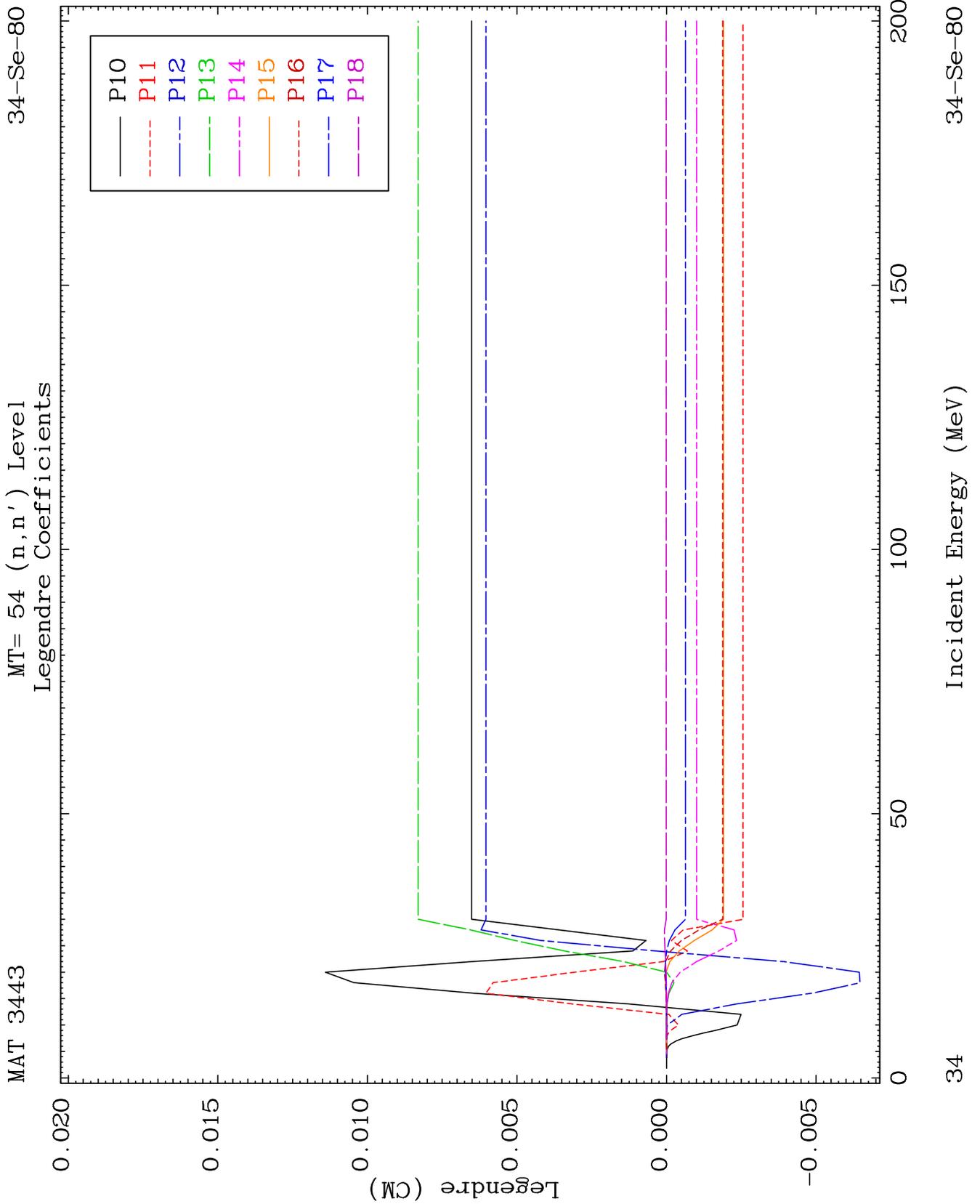
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³⁴Se-80

Incident Energy (MeV)

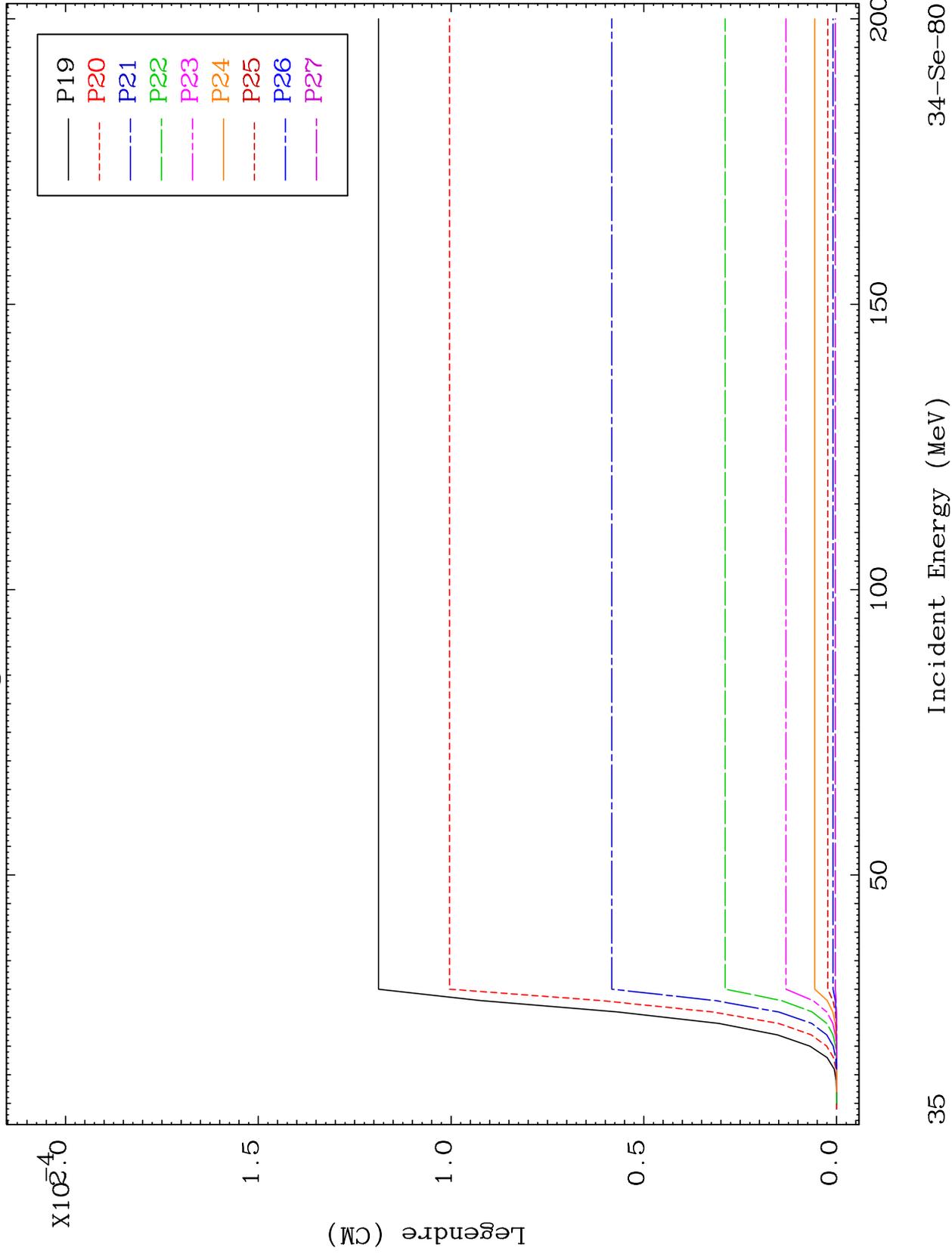
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MAT 3443

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

³⁴Se-80



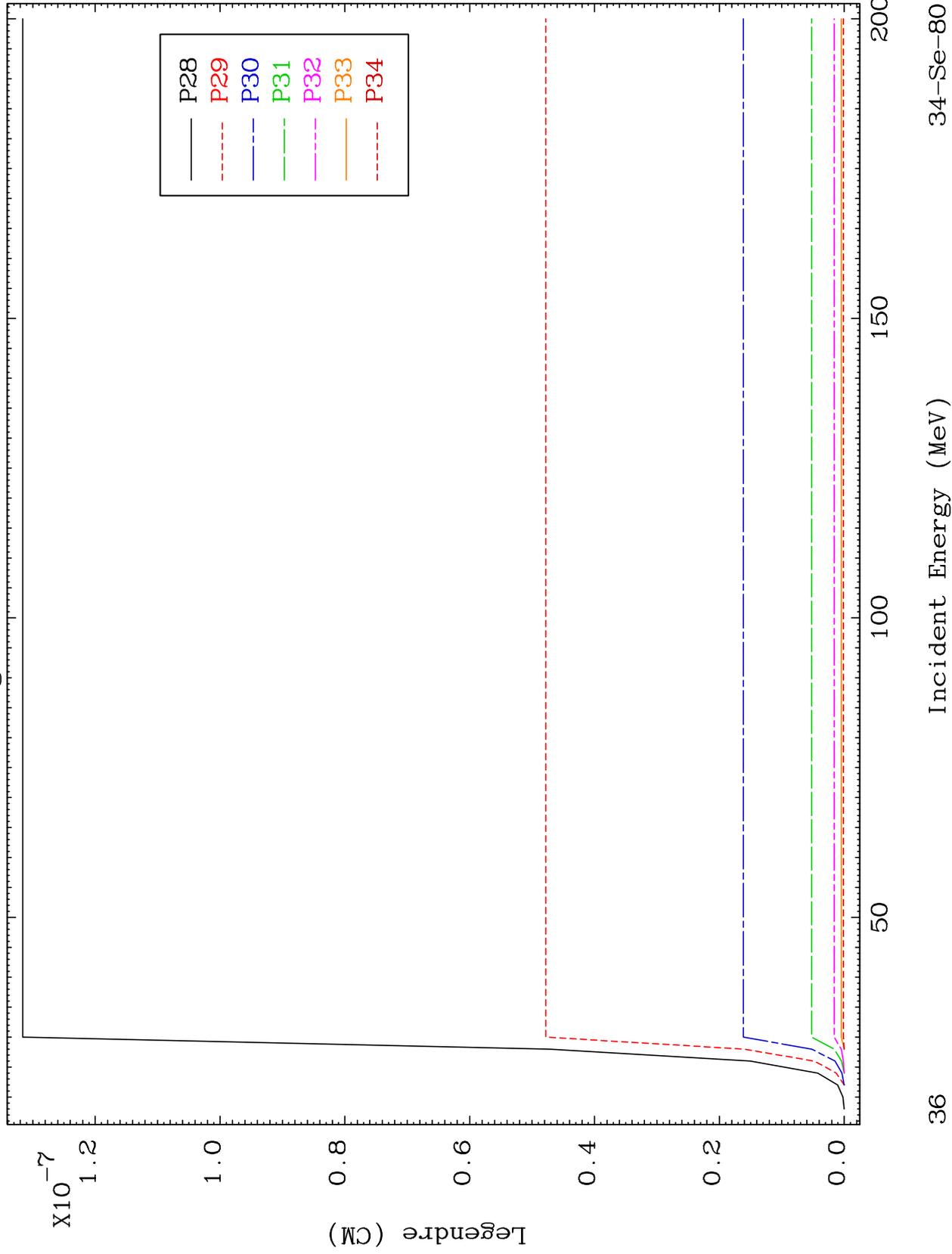
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³⁴Se-80

MAT 3443

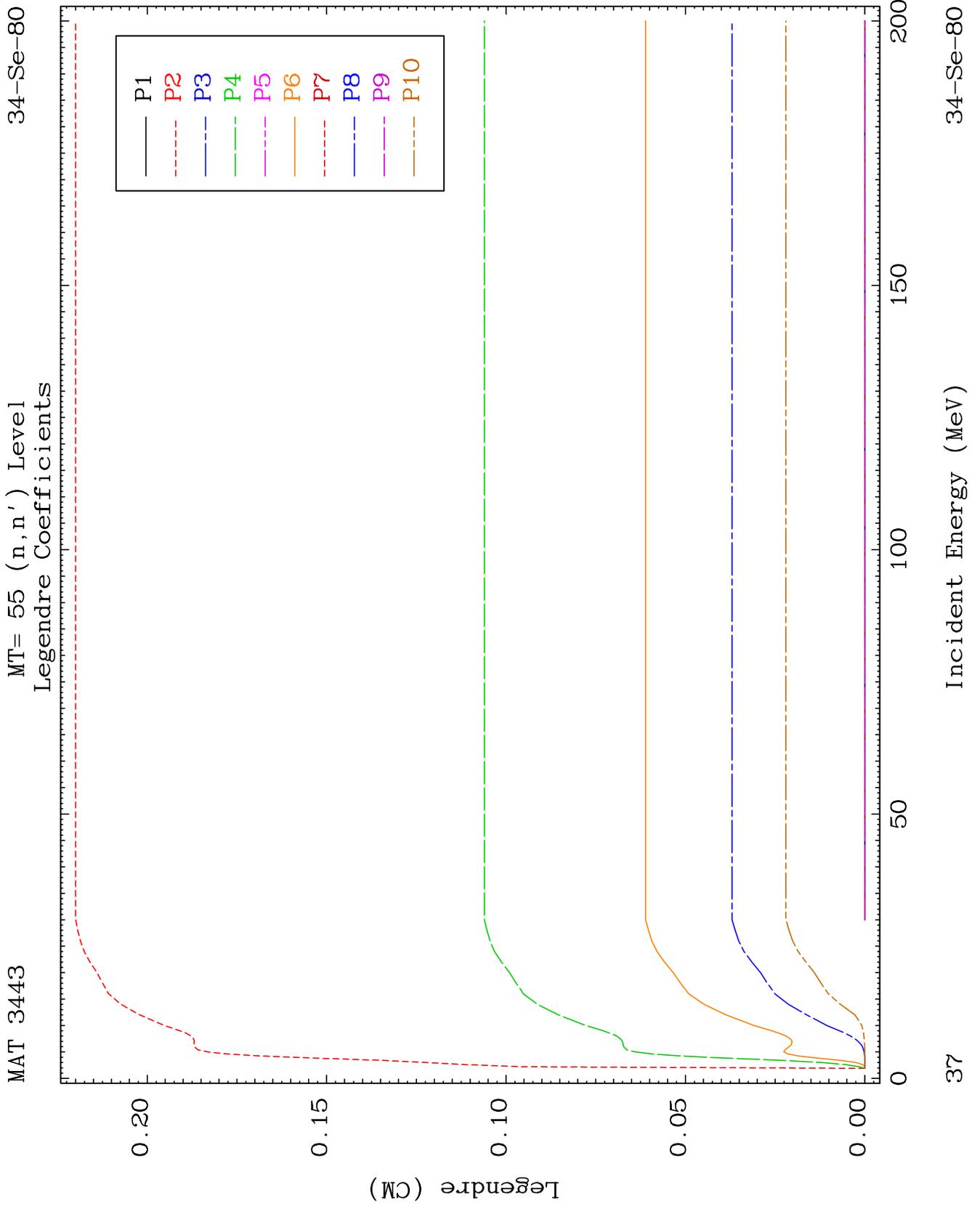
MT= 54 (n,n') Level
Legendre Coefficients

34-Se-80



36

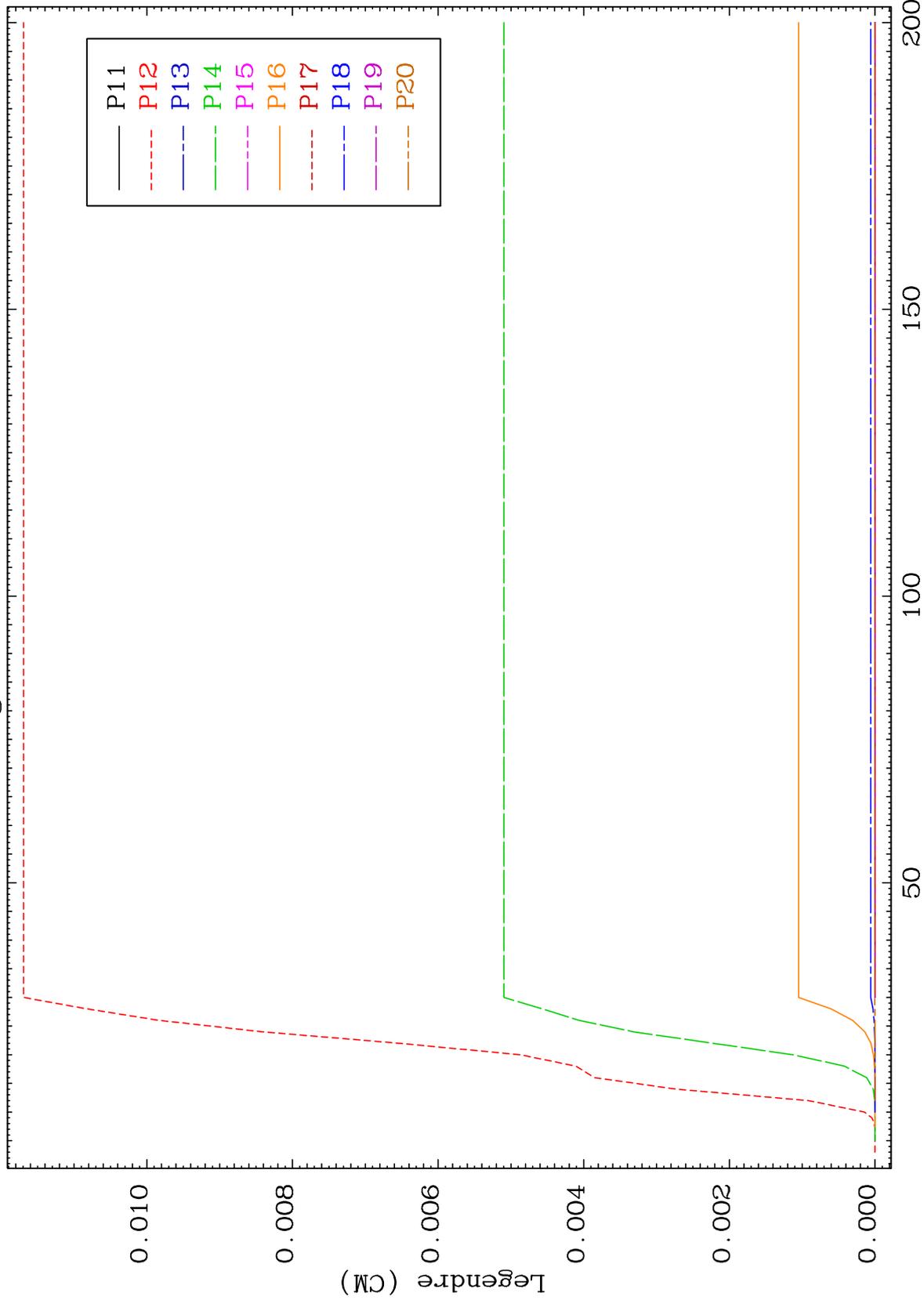
34-Se-80



MAT 3443

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

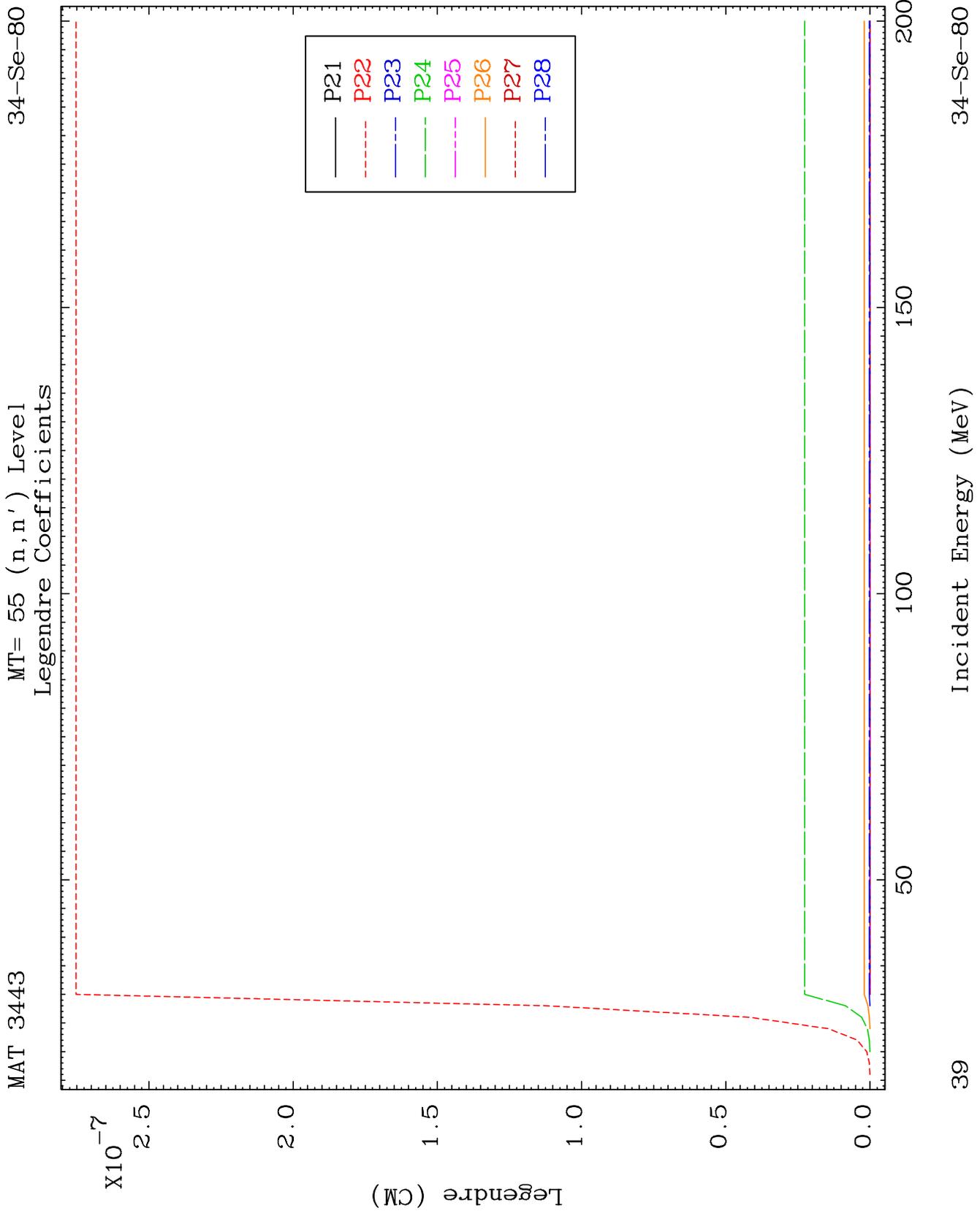
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38

Incident Energy (MeV)

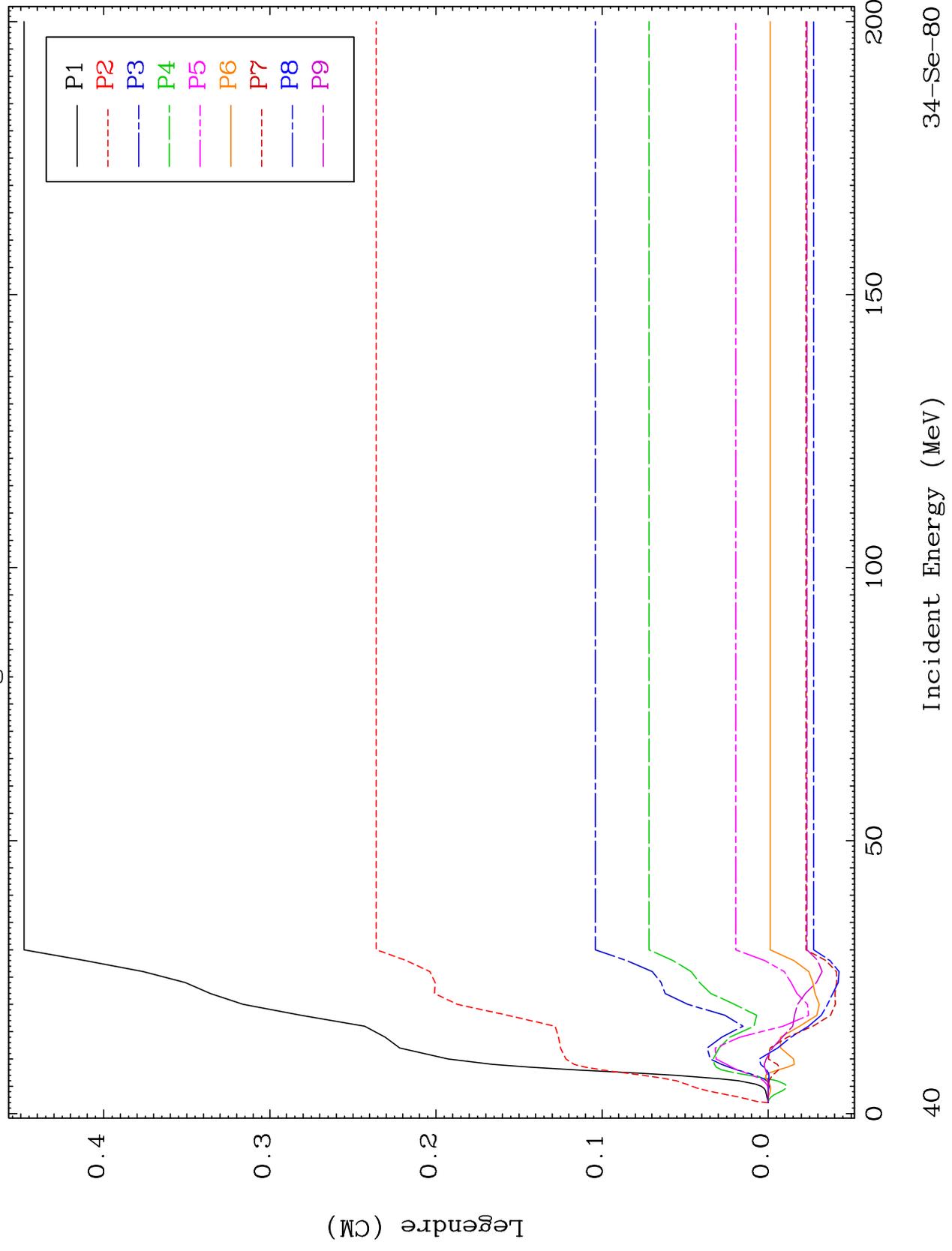
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MAT 3443

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

³⁴Se-80

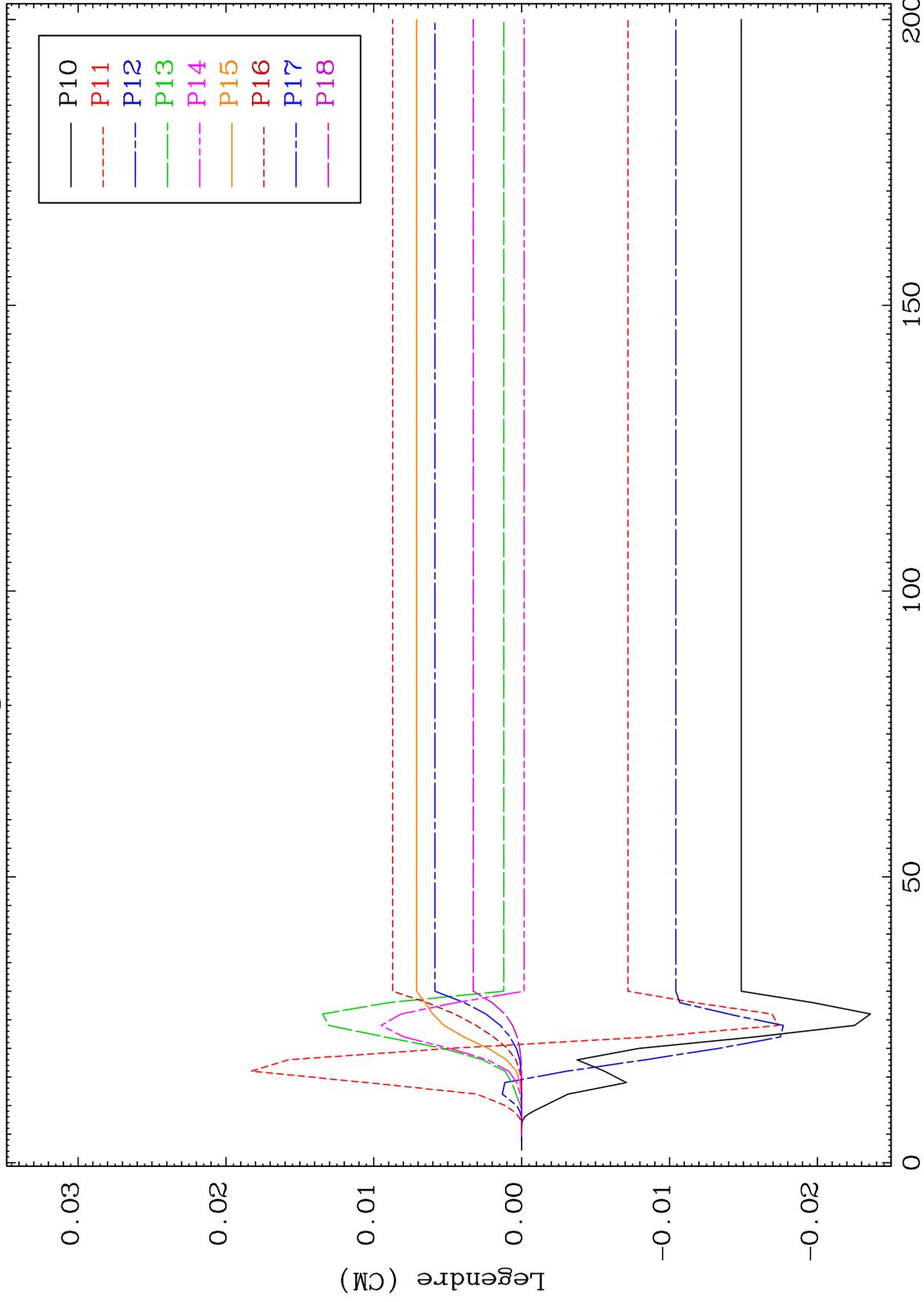


³⁴Se-80

MAT 3443

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

³⁴Se-80



41

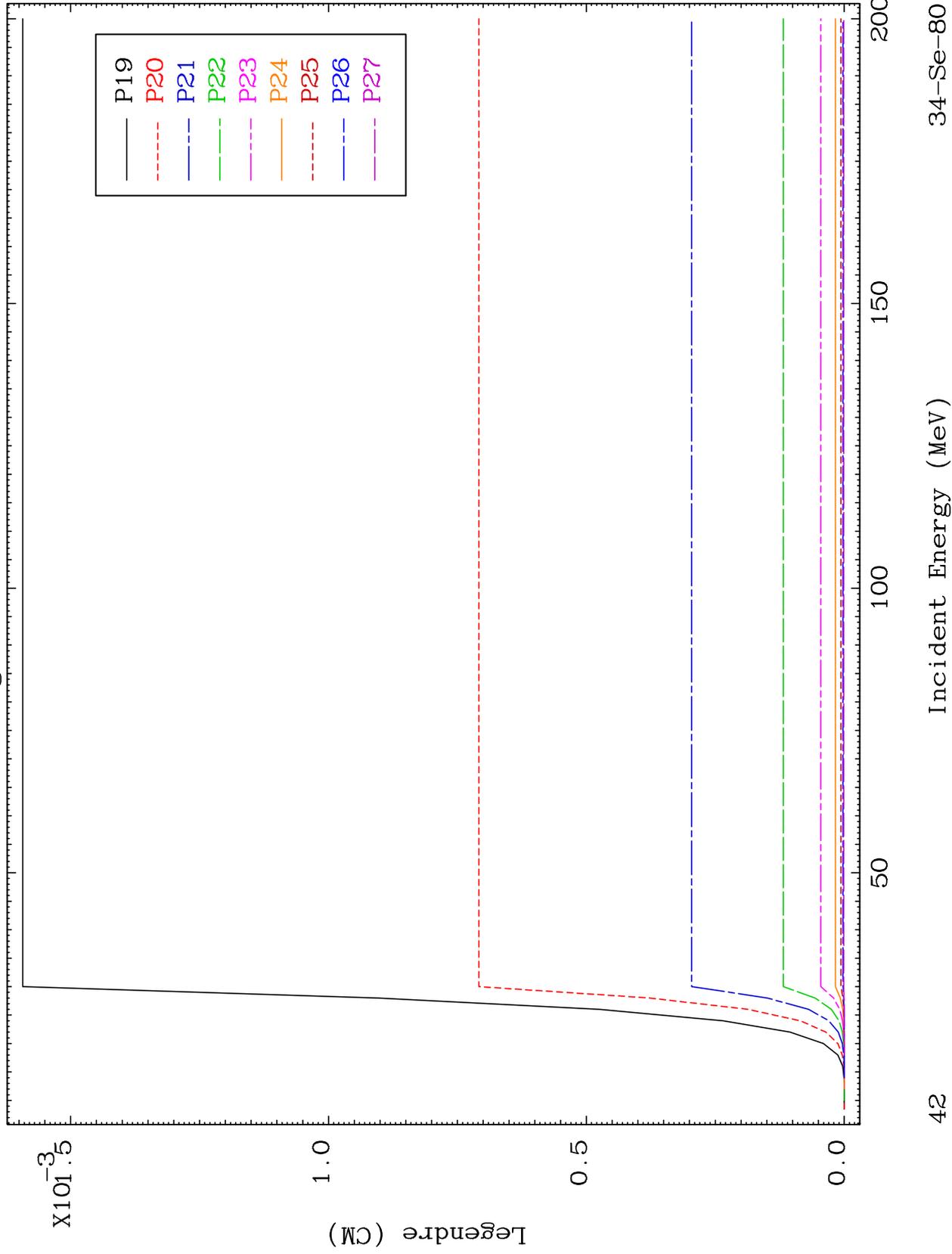
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

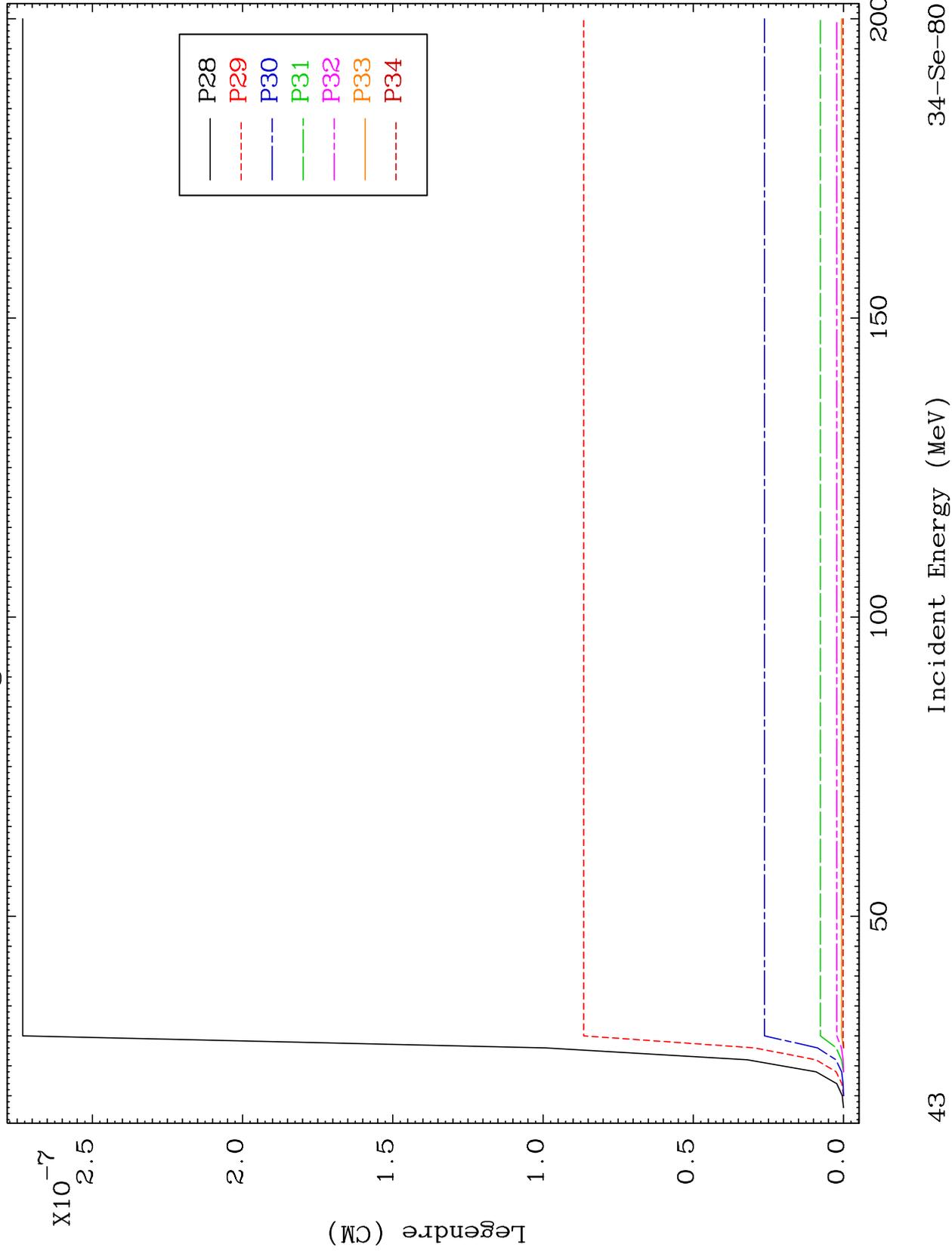
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MAT 3443

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

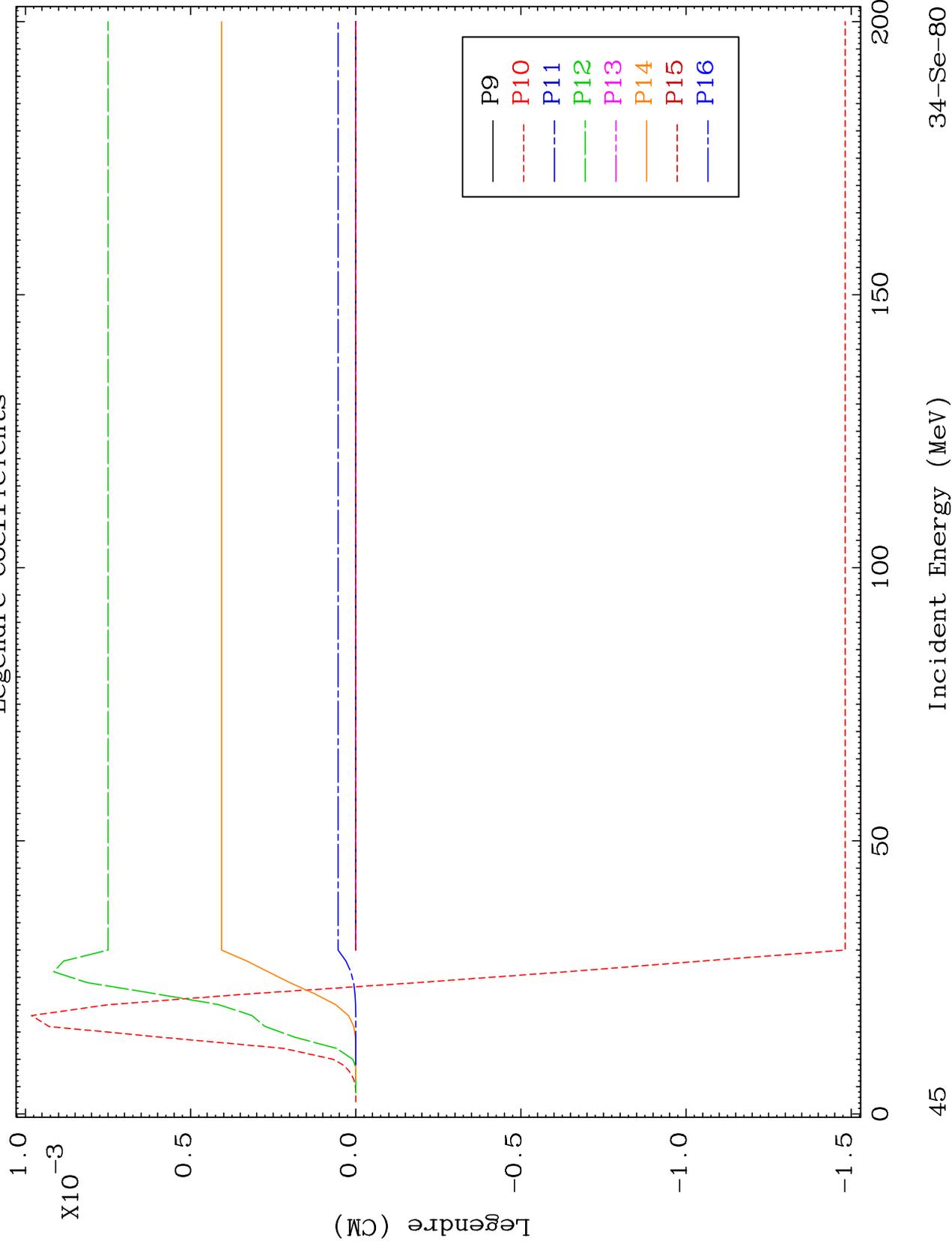
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MAT 3443

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

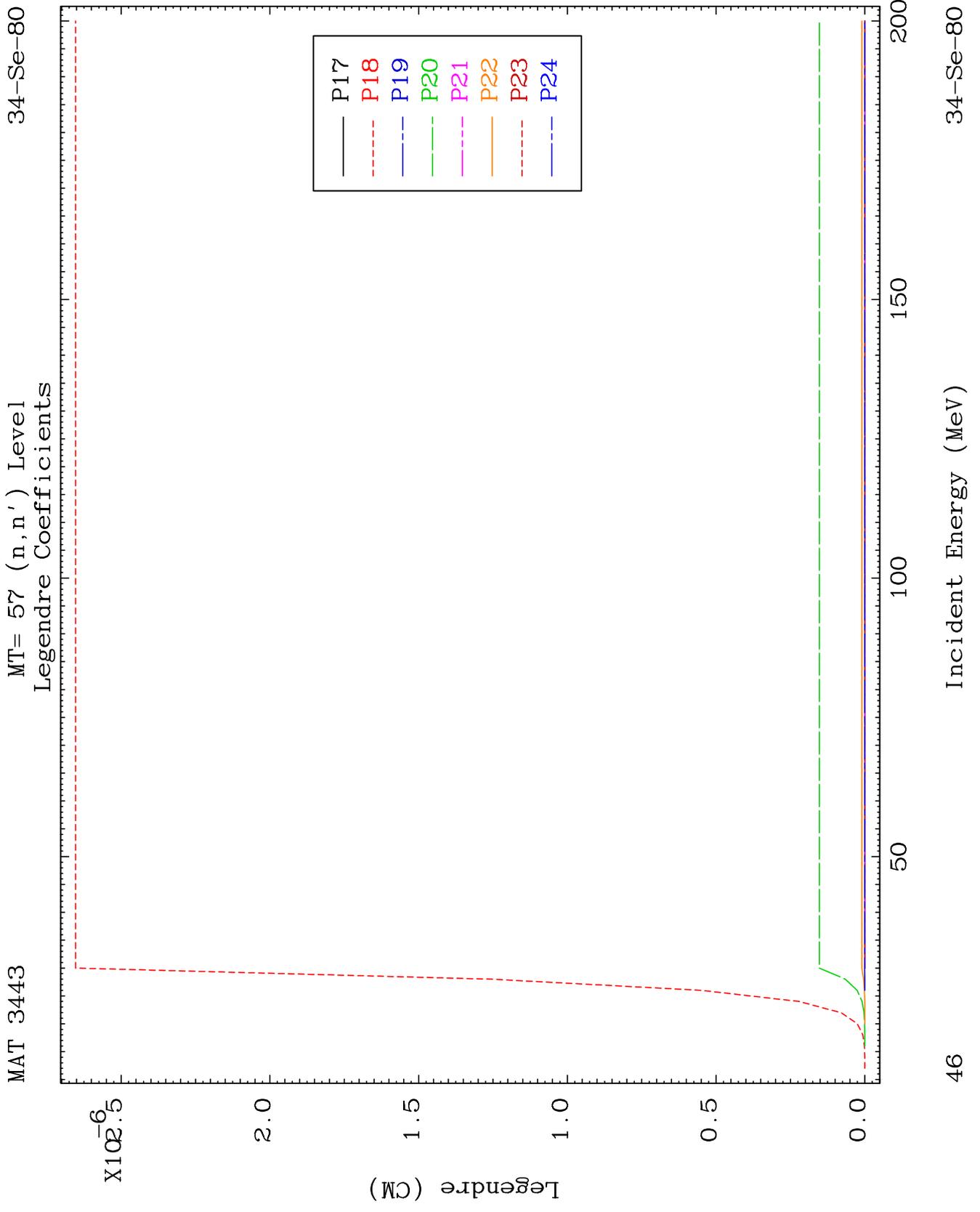
34-Se-80



34-Se-80

Incident Energy (MeV)

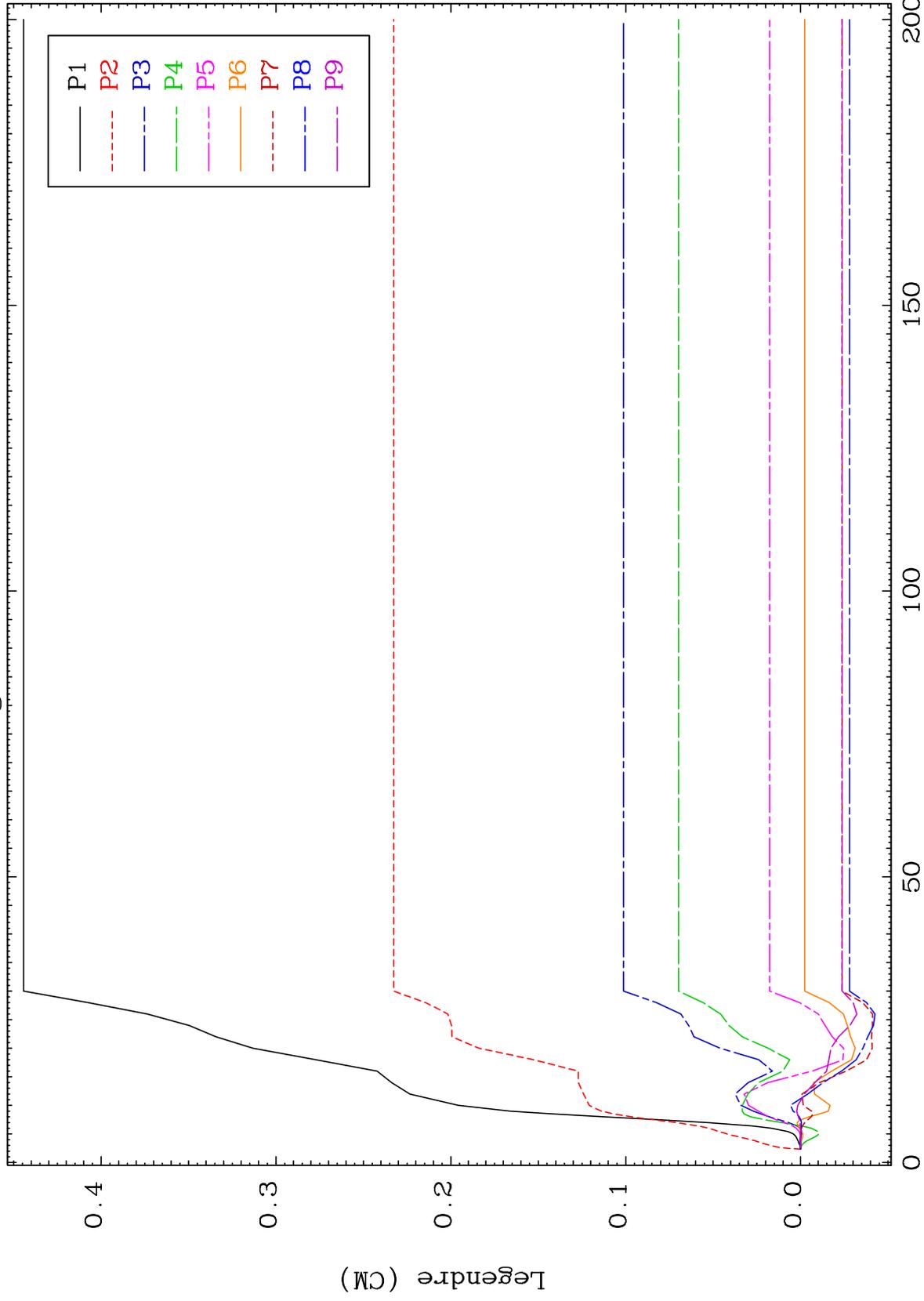
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MAT 3443

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

³⁴Se-80



47

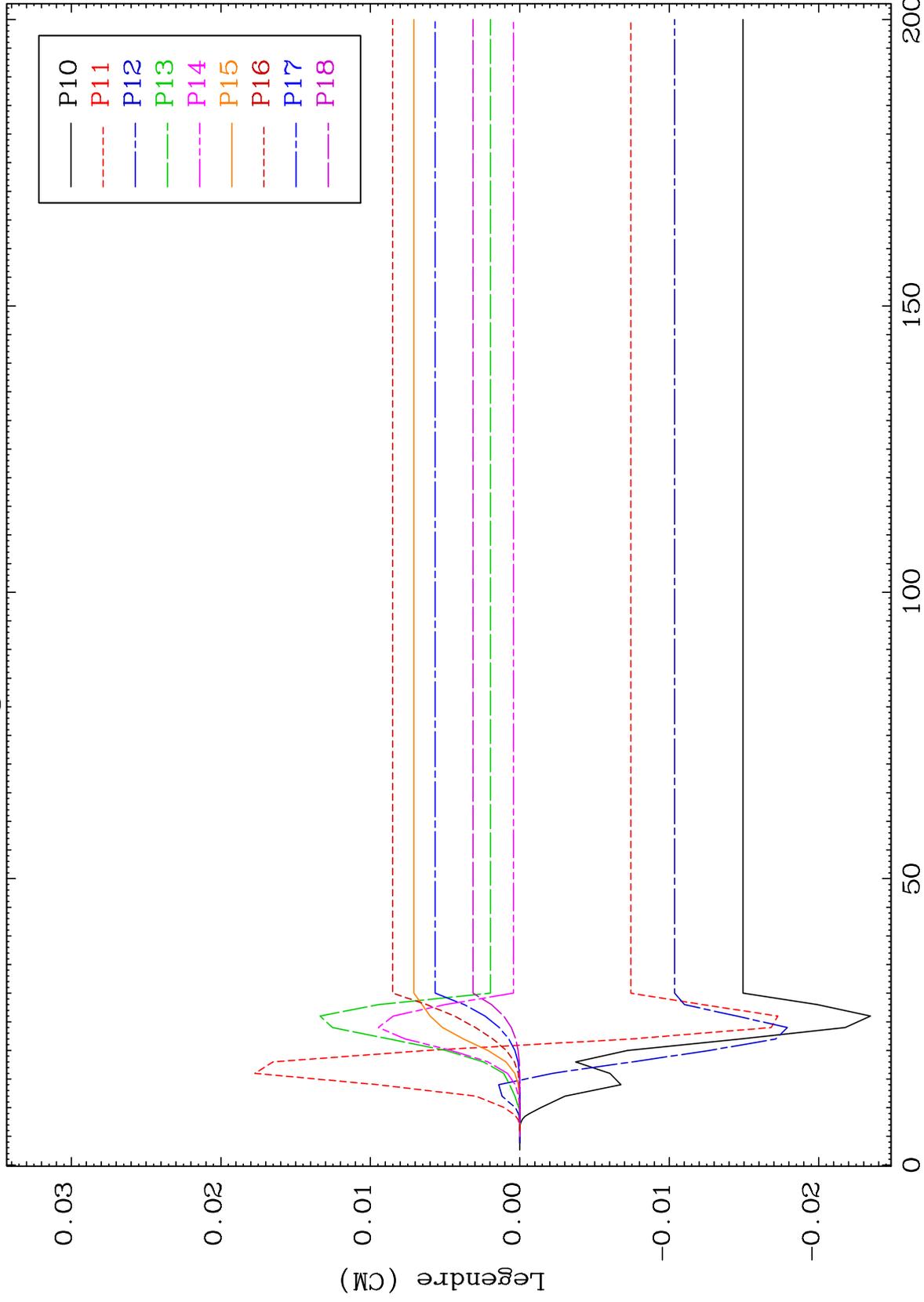
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



48

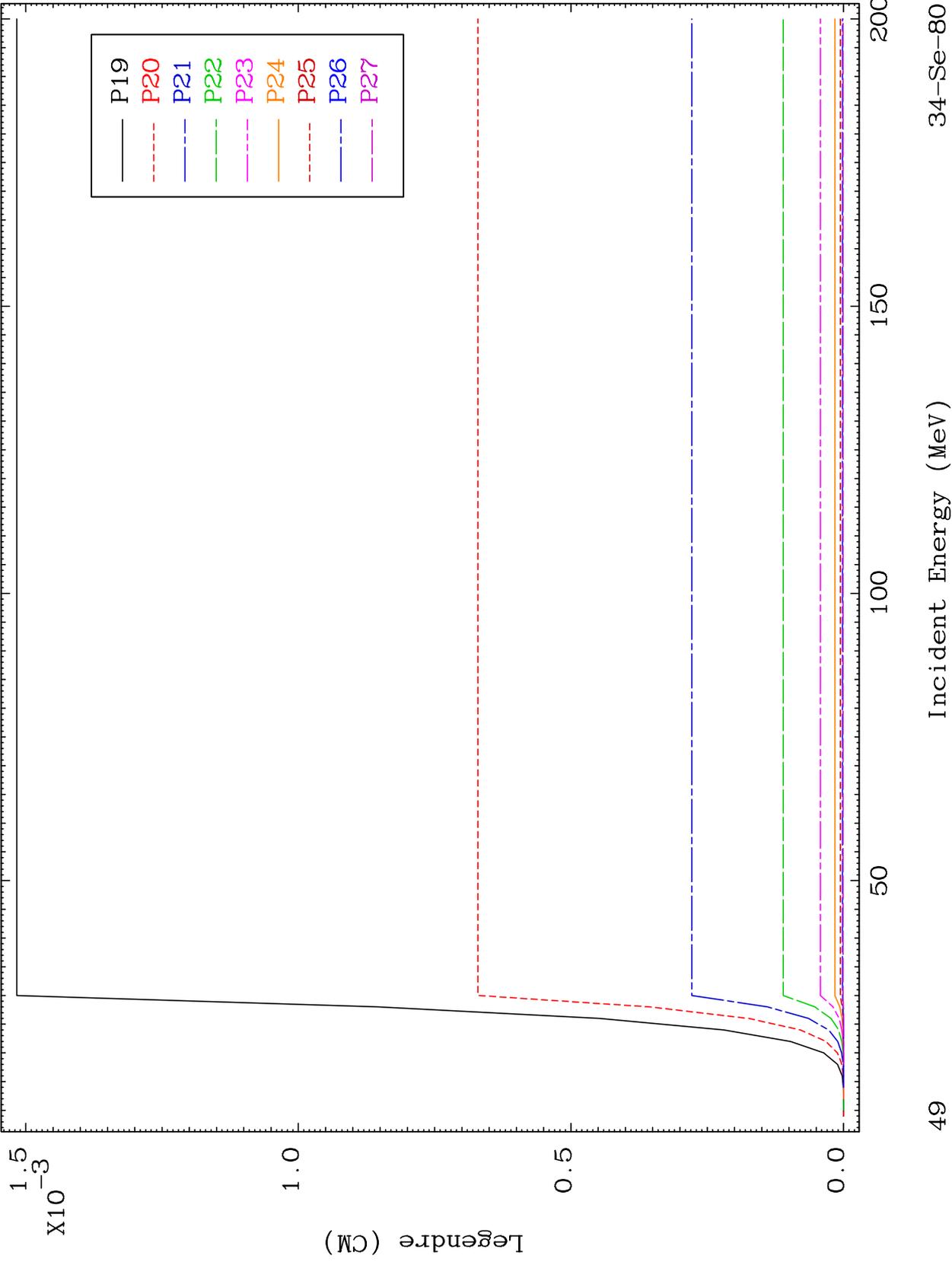
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³⁴Se-80

MAT 3443

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

34-Se-80



49

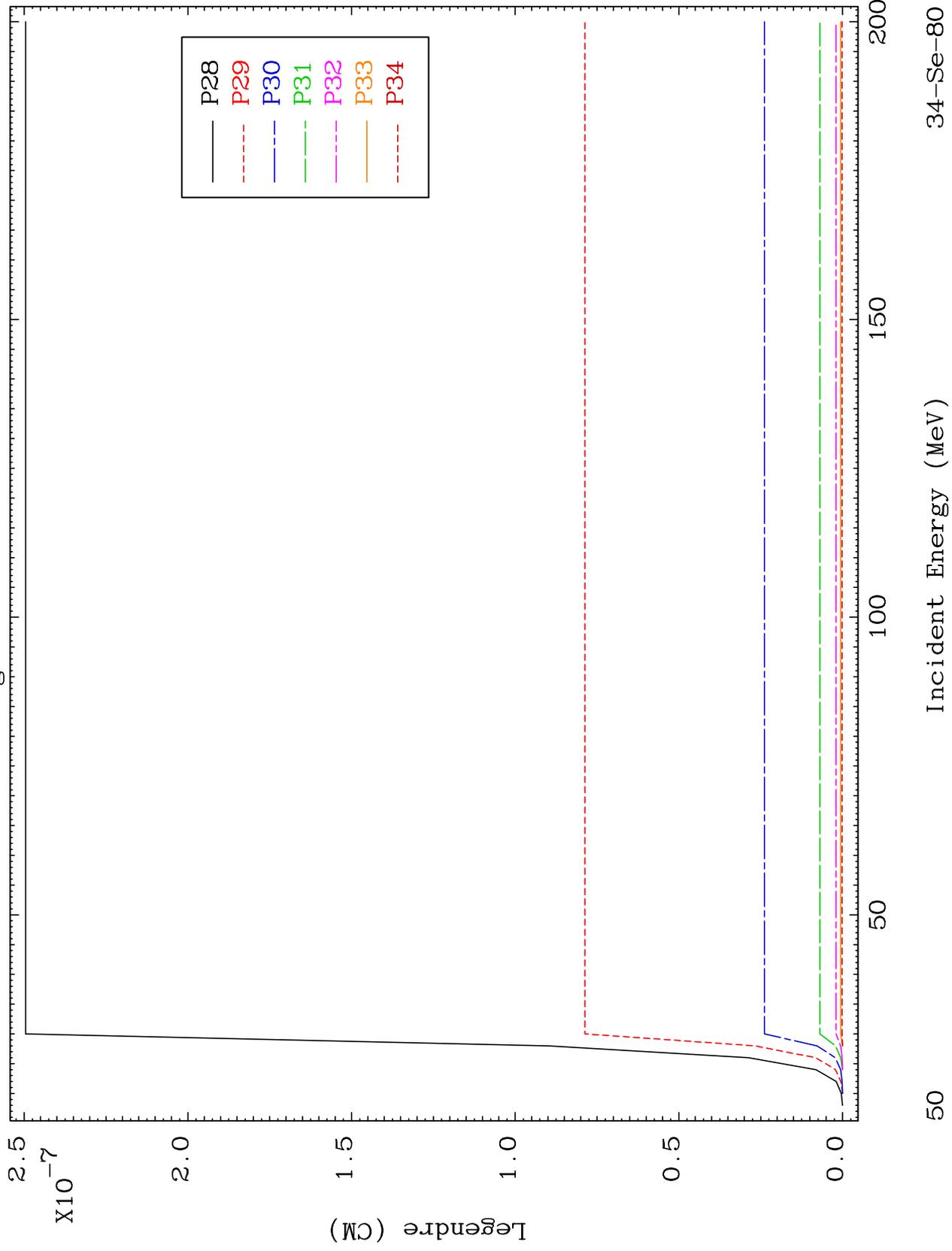
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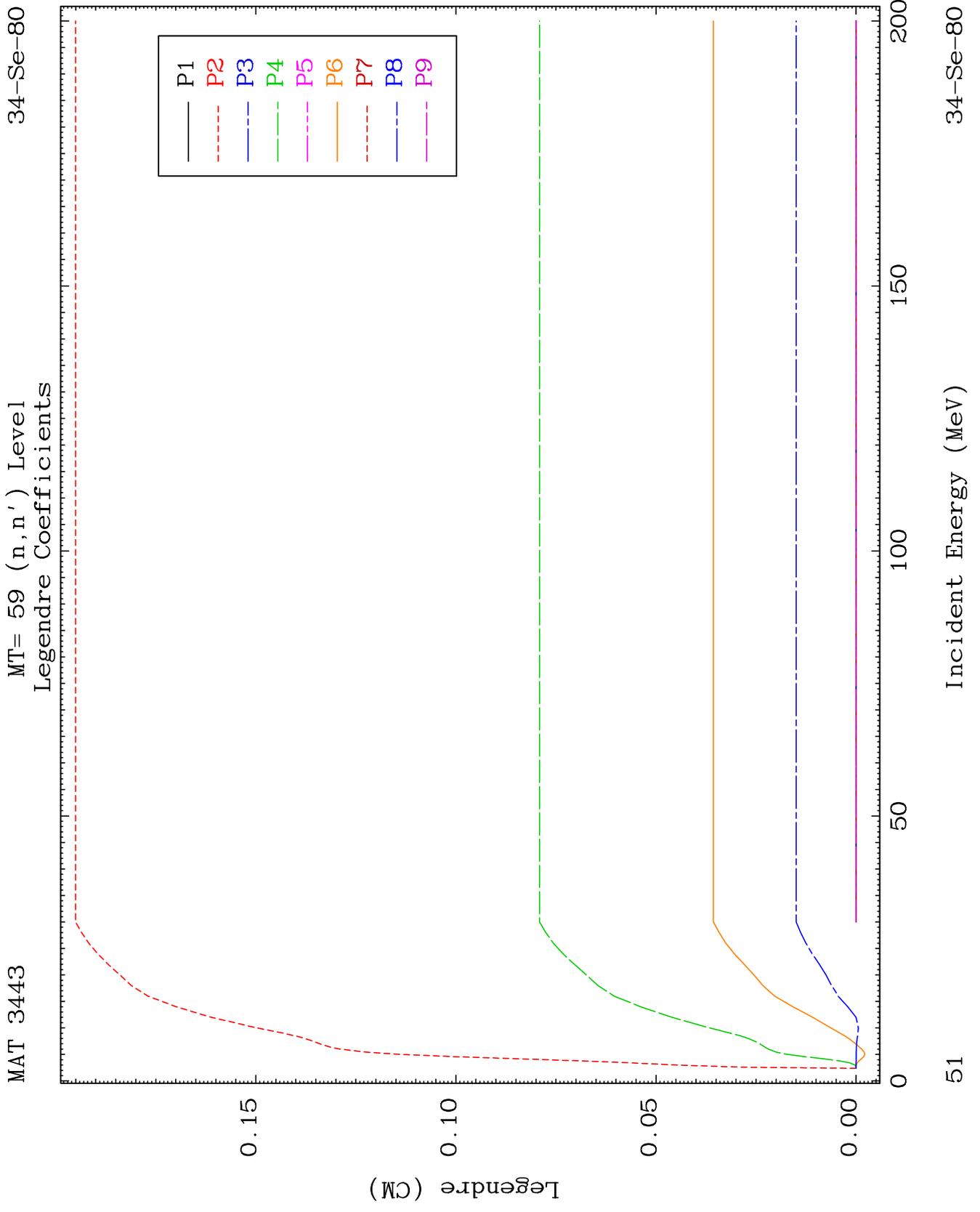
34-Se-80

MAT 3443

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

34-Se-80

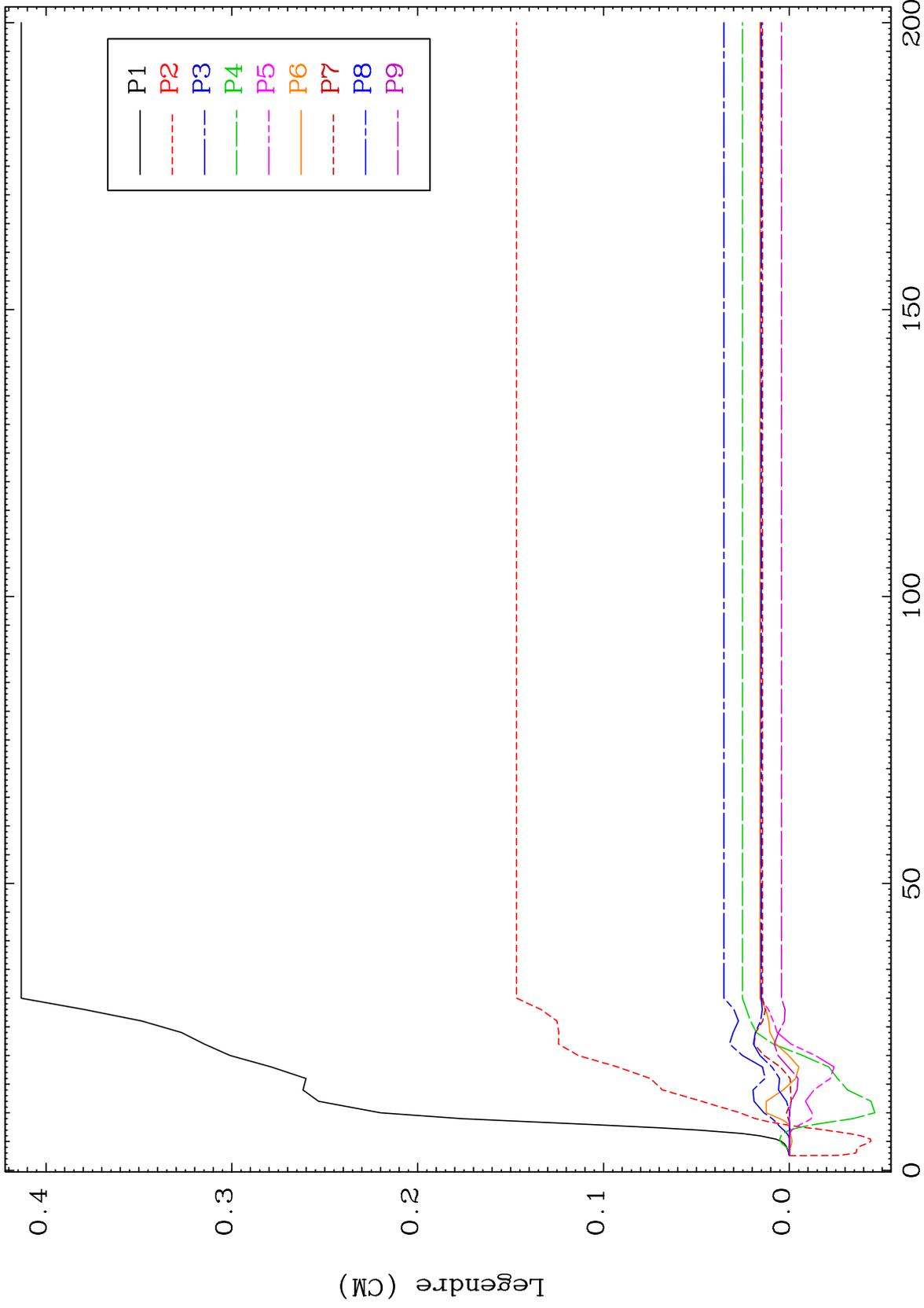




MAT 3443

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

34-Se-80



54

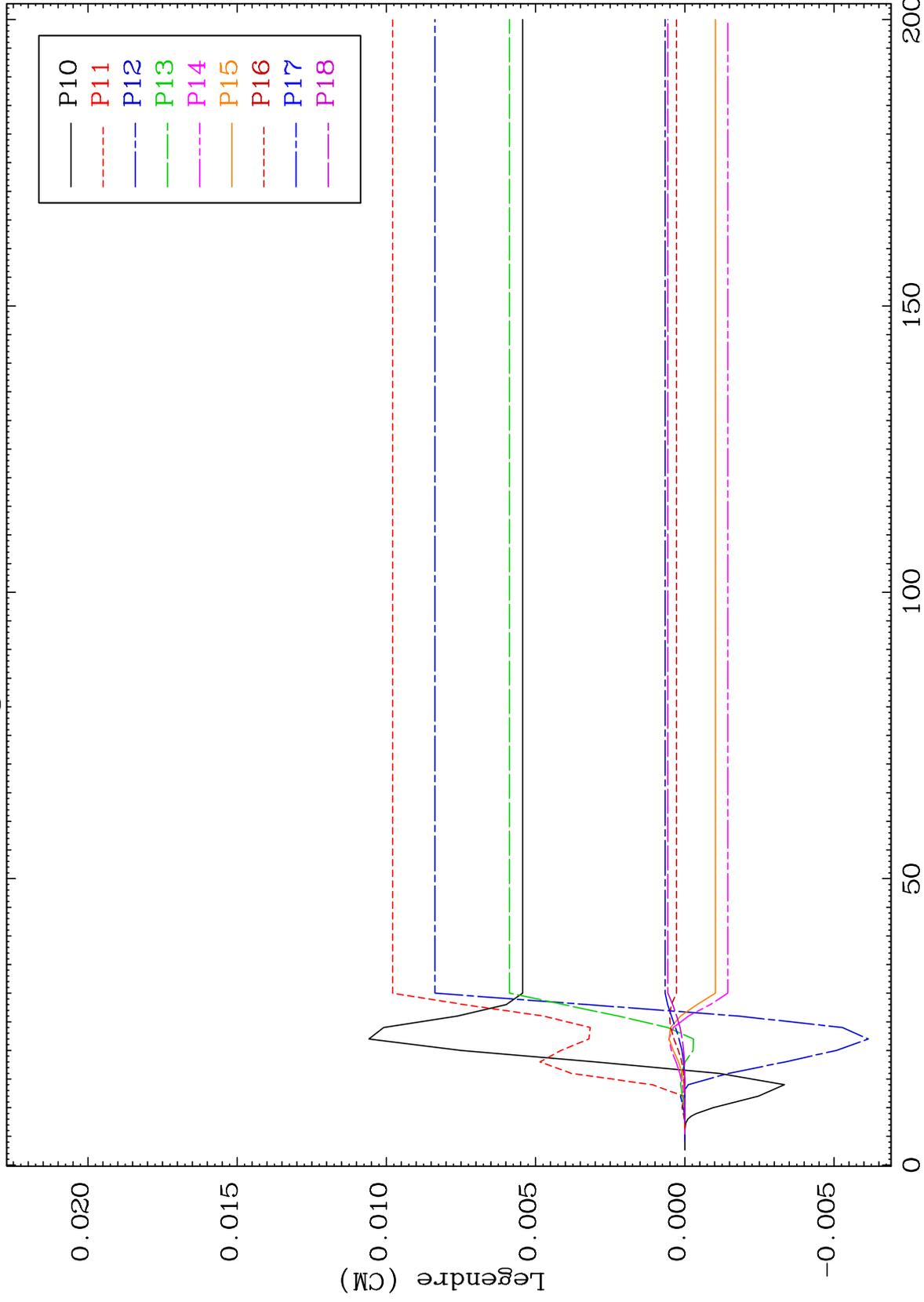
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



55

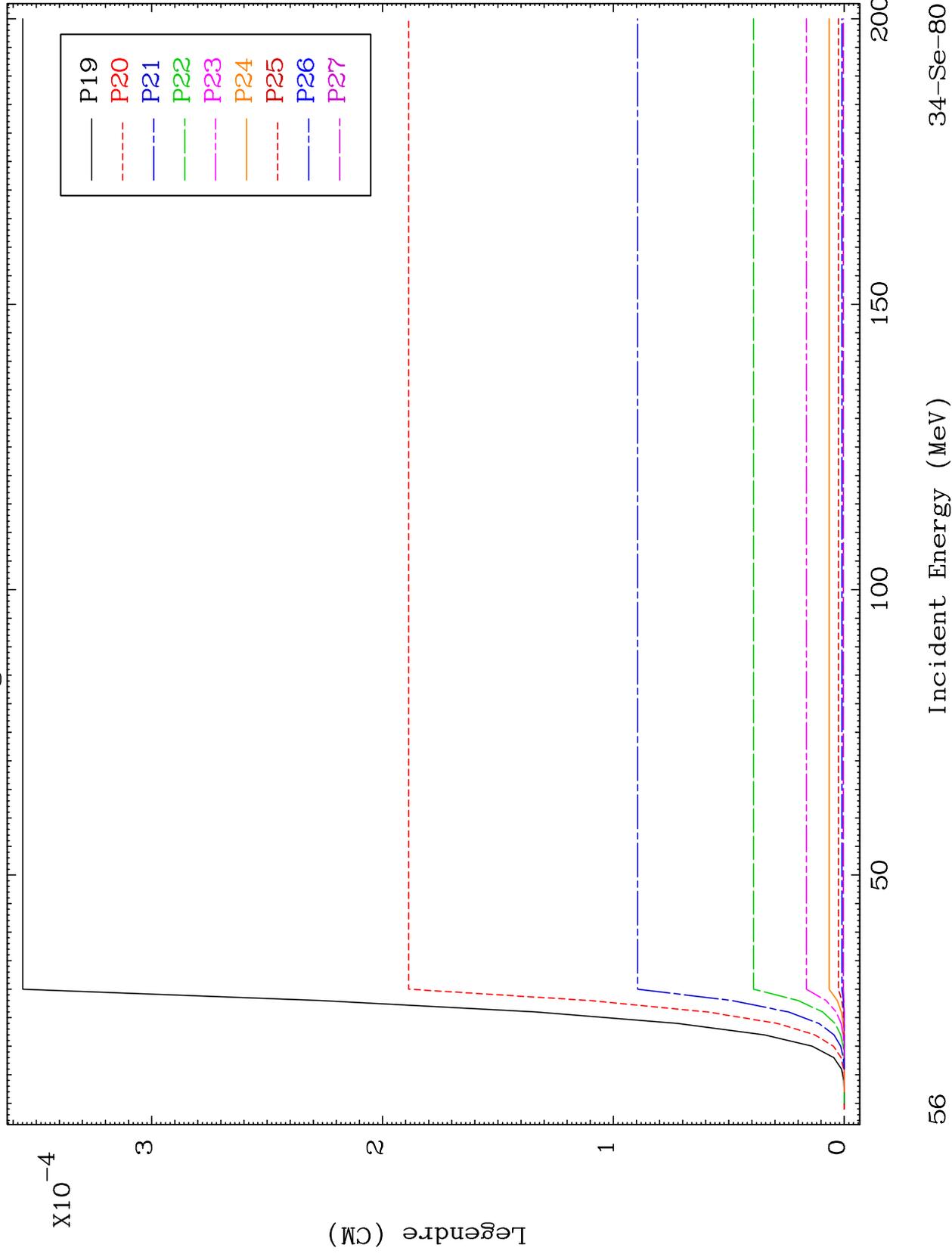
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



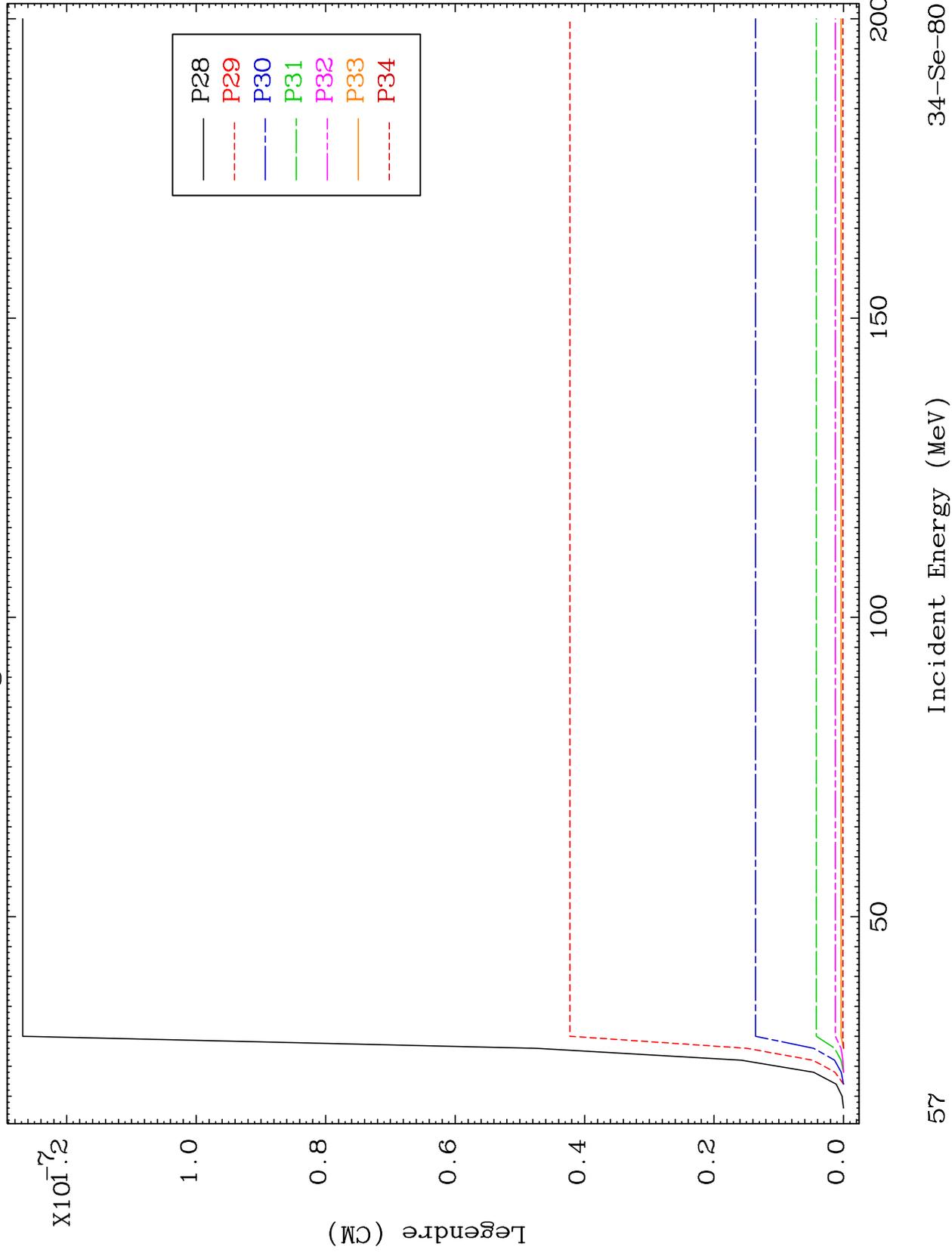
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³⁴Se-80

MAT 3443

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

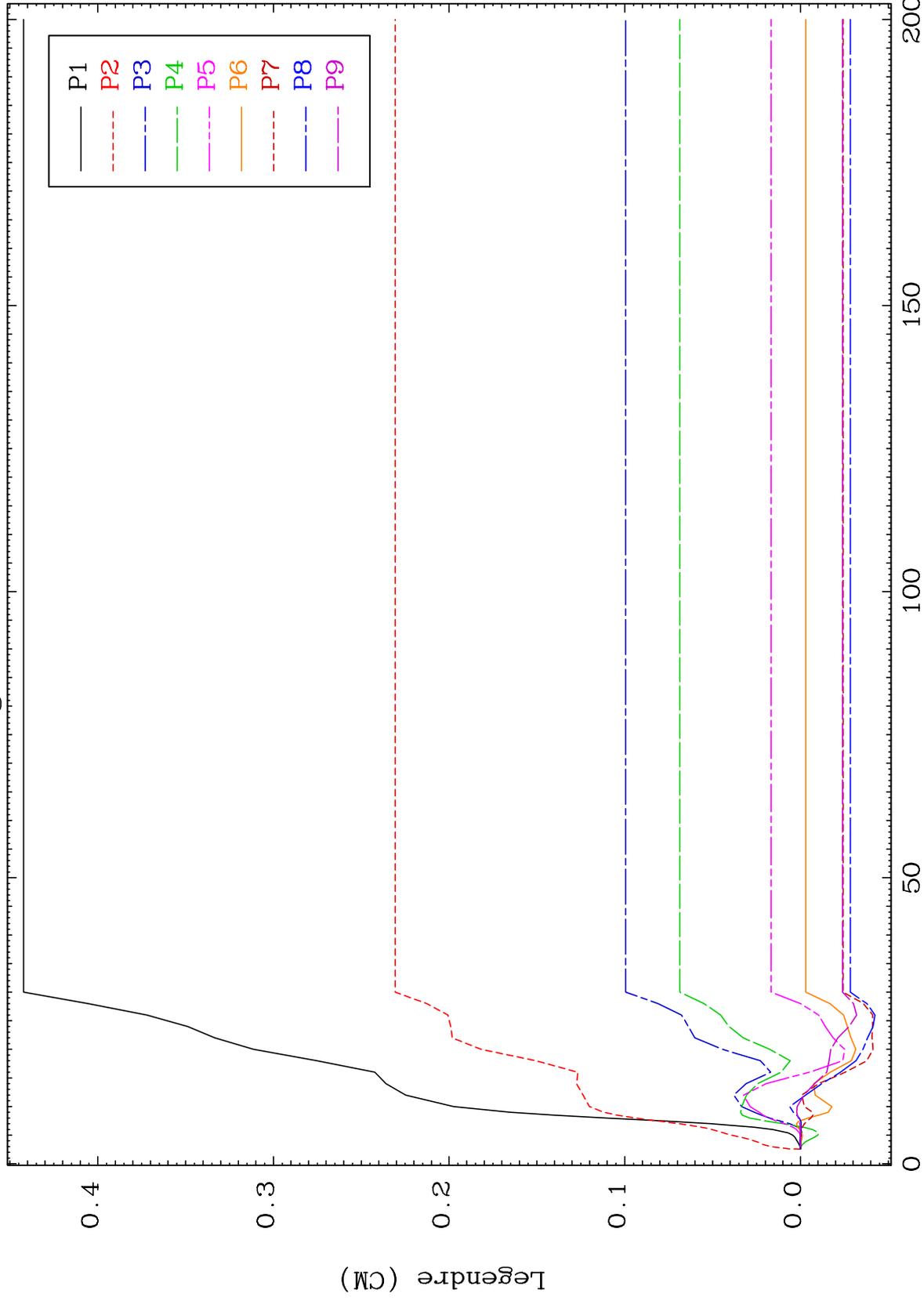
³⁴Se-80



MAT 3443

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

³⁴Se-80



58

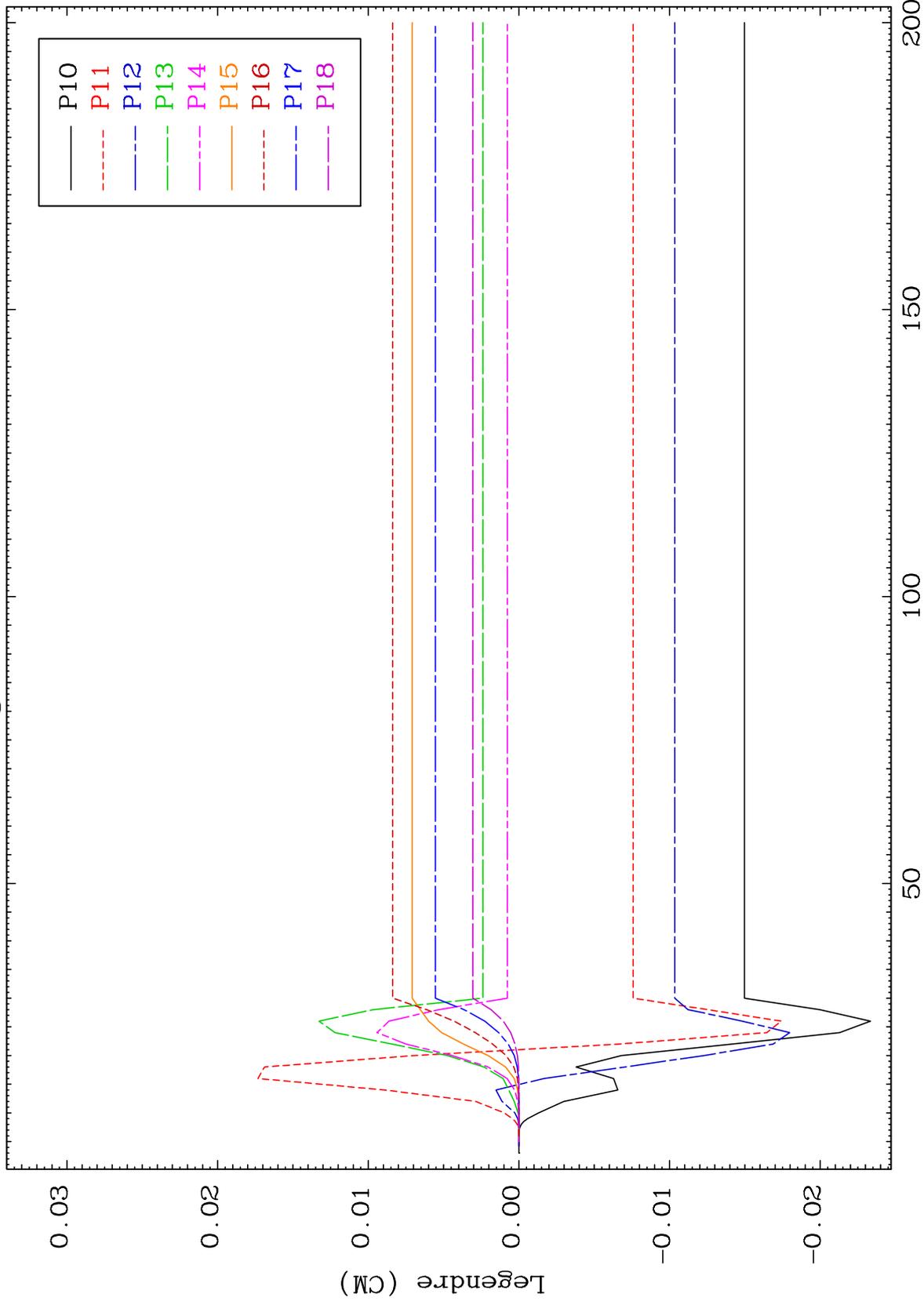
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

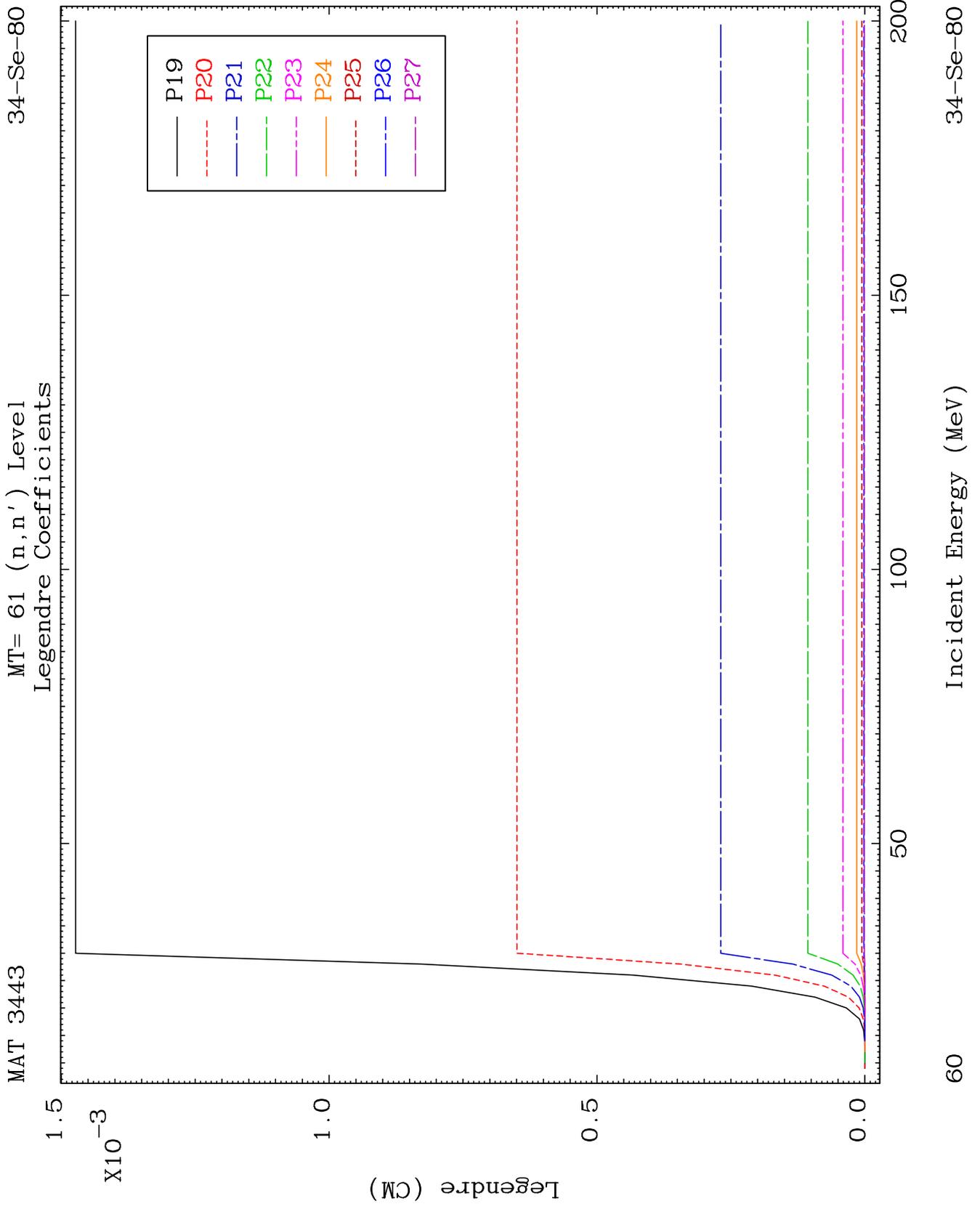
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59

Incident Energy (MeV)

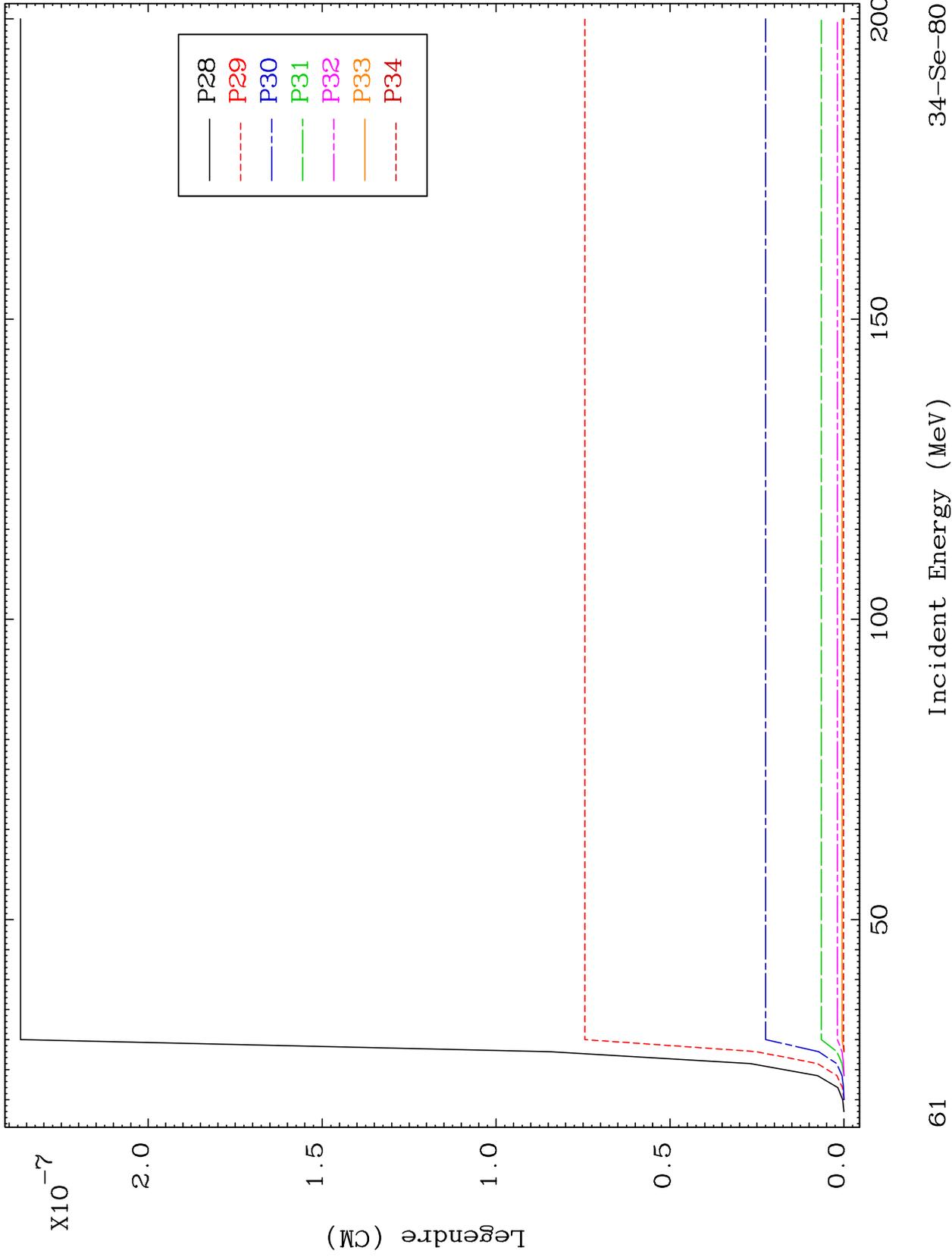
³⁴Se-80



MAT 3443

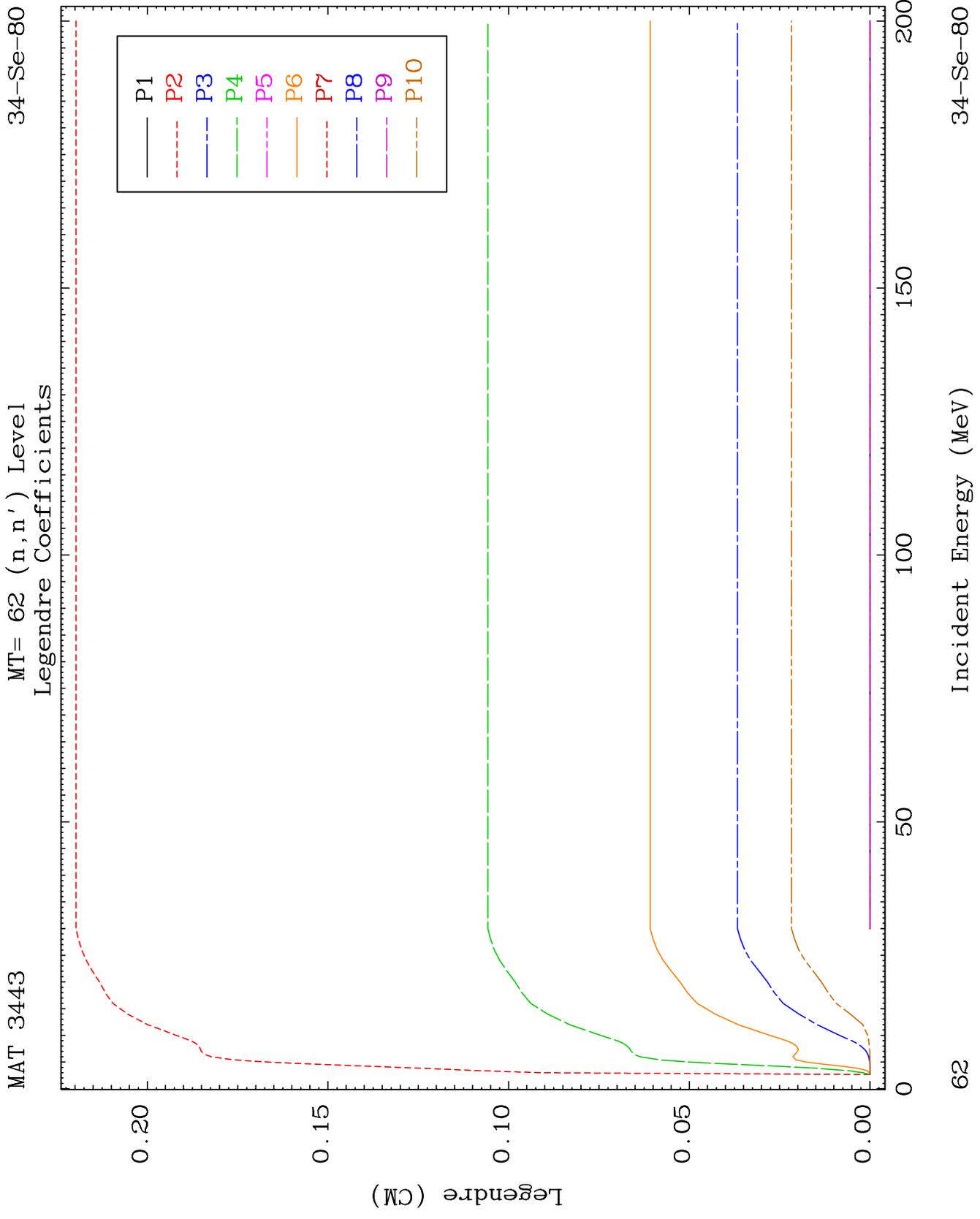
MT= 61 (n,n') Level
Legendre Coefficients

34-Se-80



61

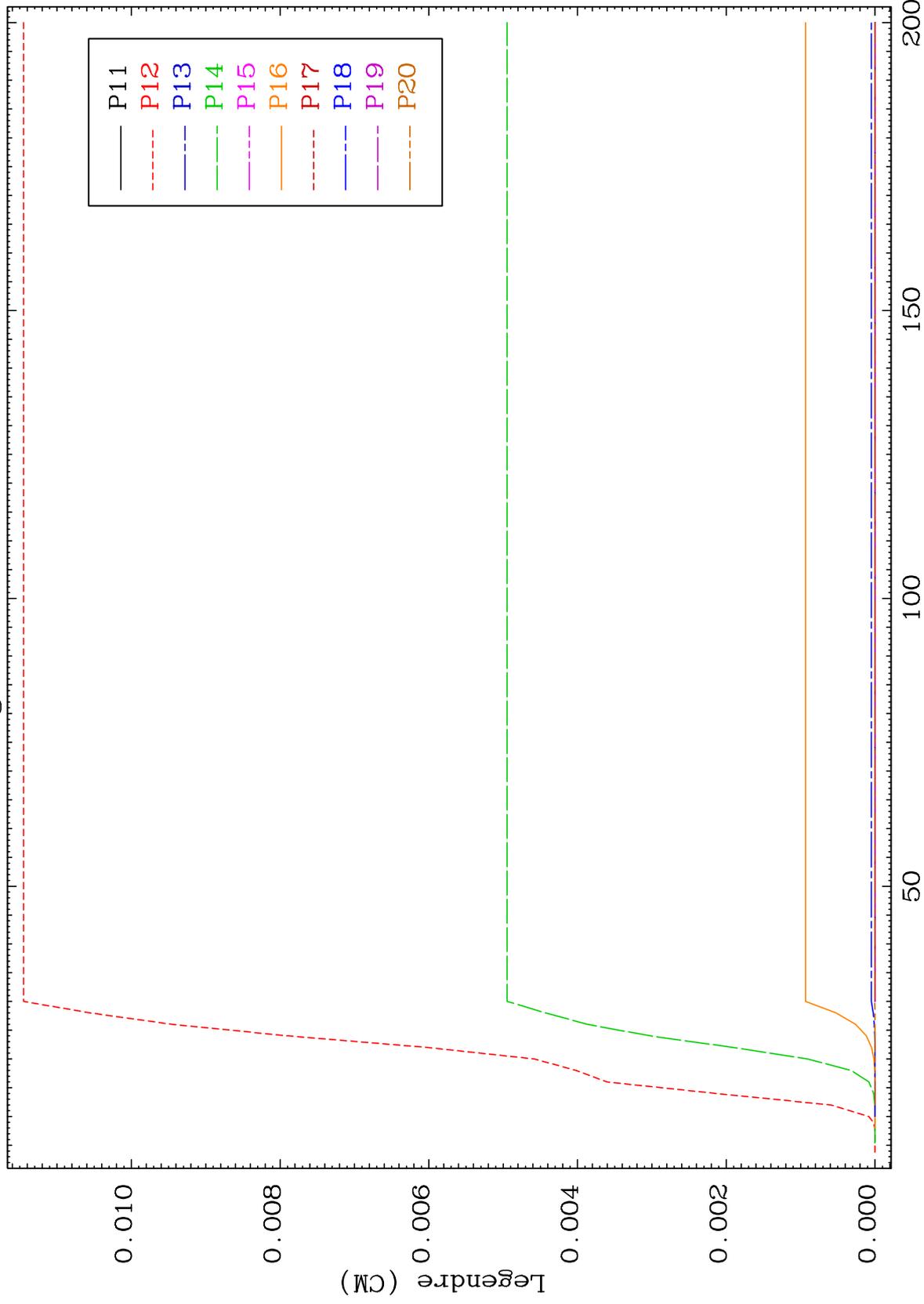
34-Se-80



MAT 3443

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

³⁴Se-80



63

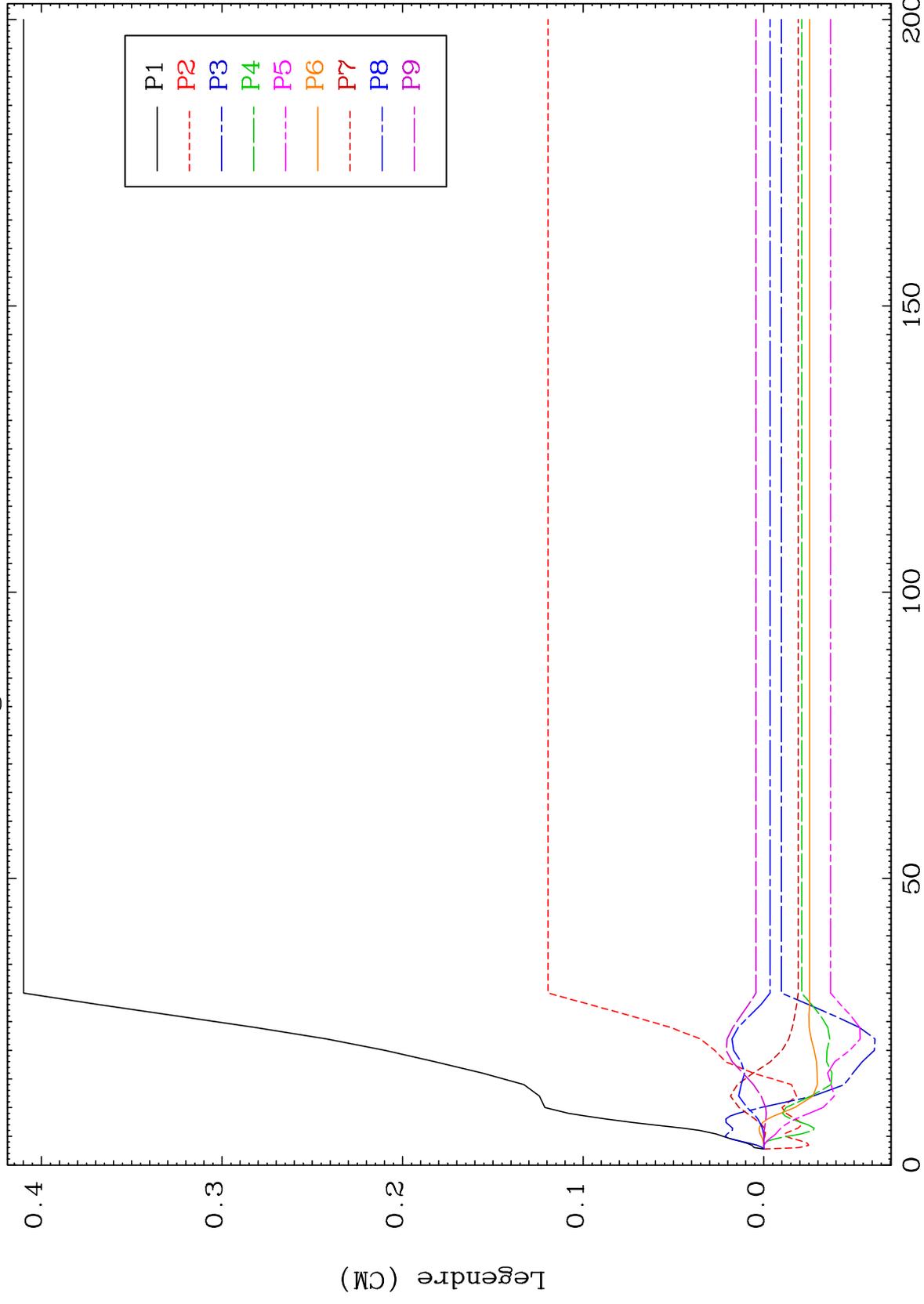
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

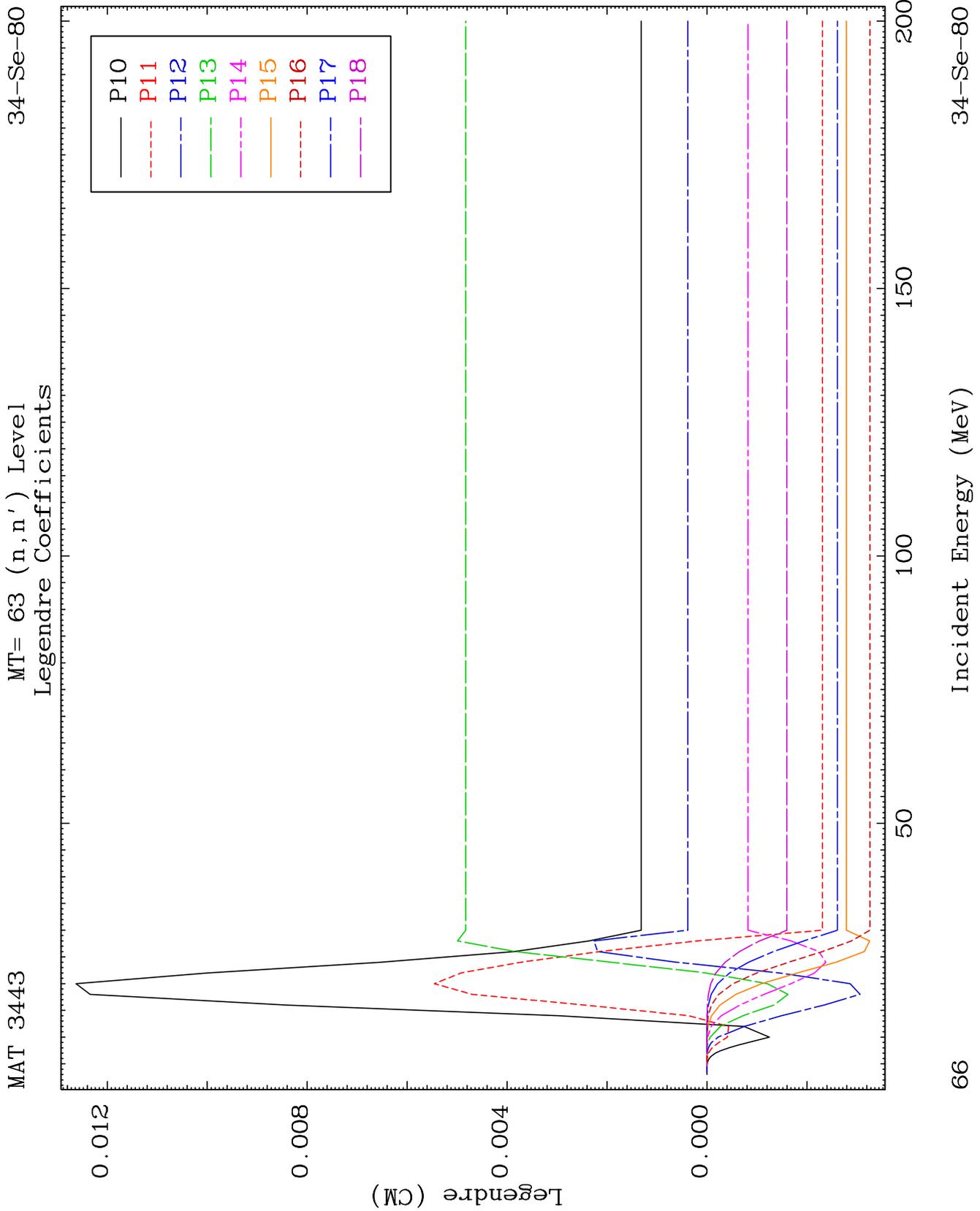
³⁴Se-80



65

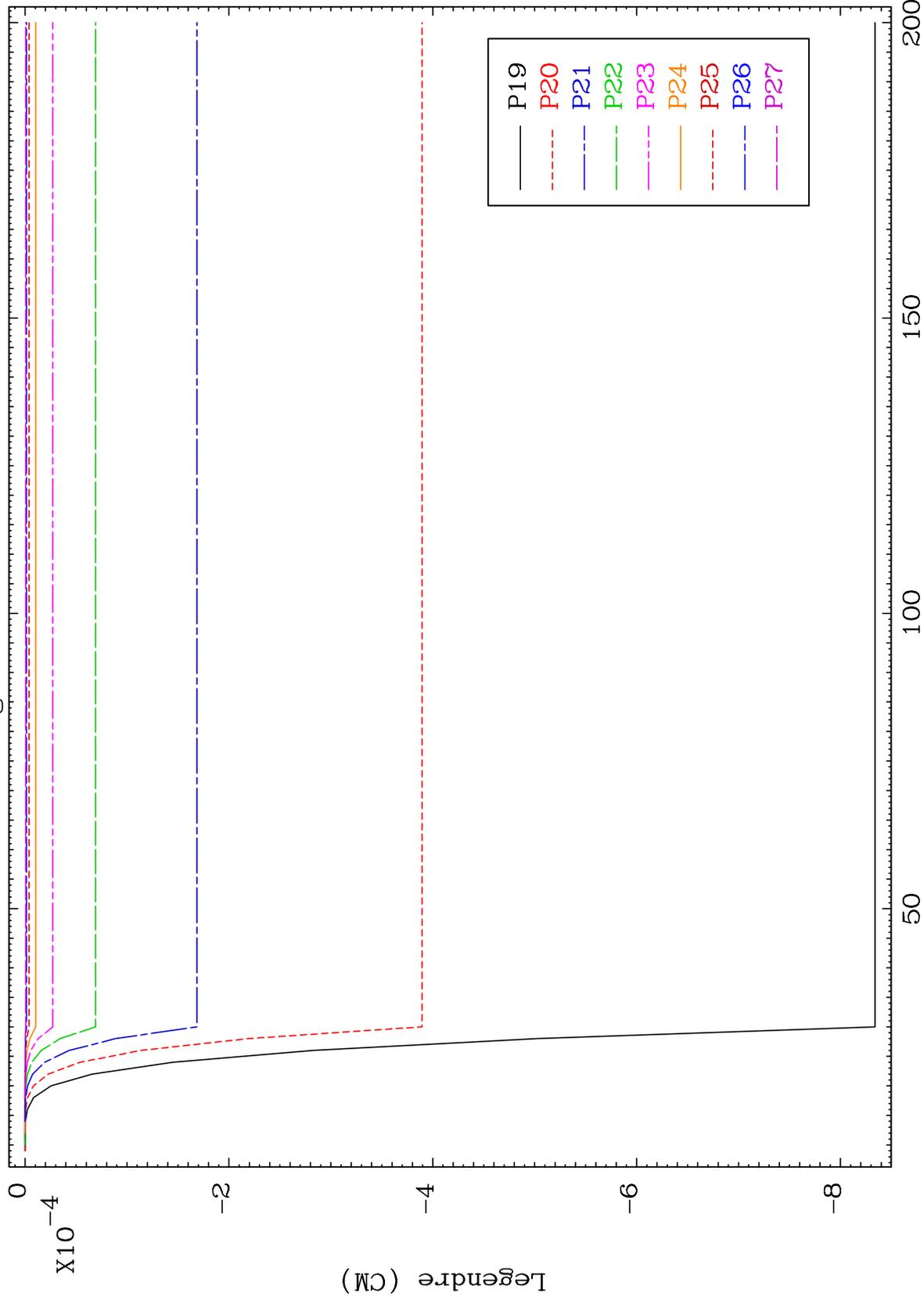
Incident Energy (MeV)

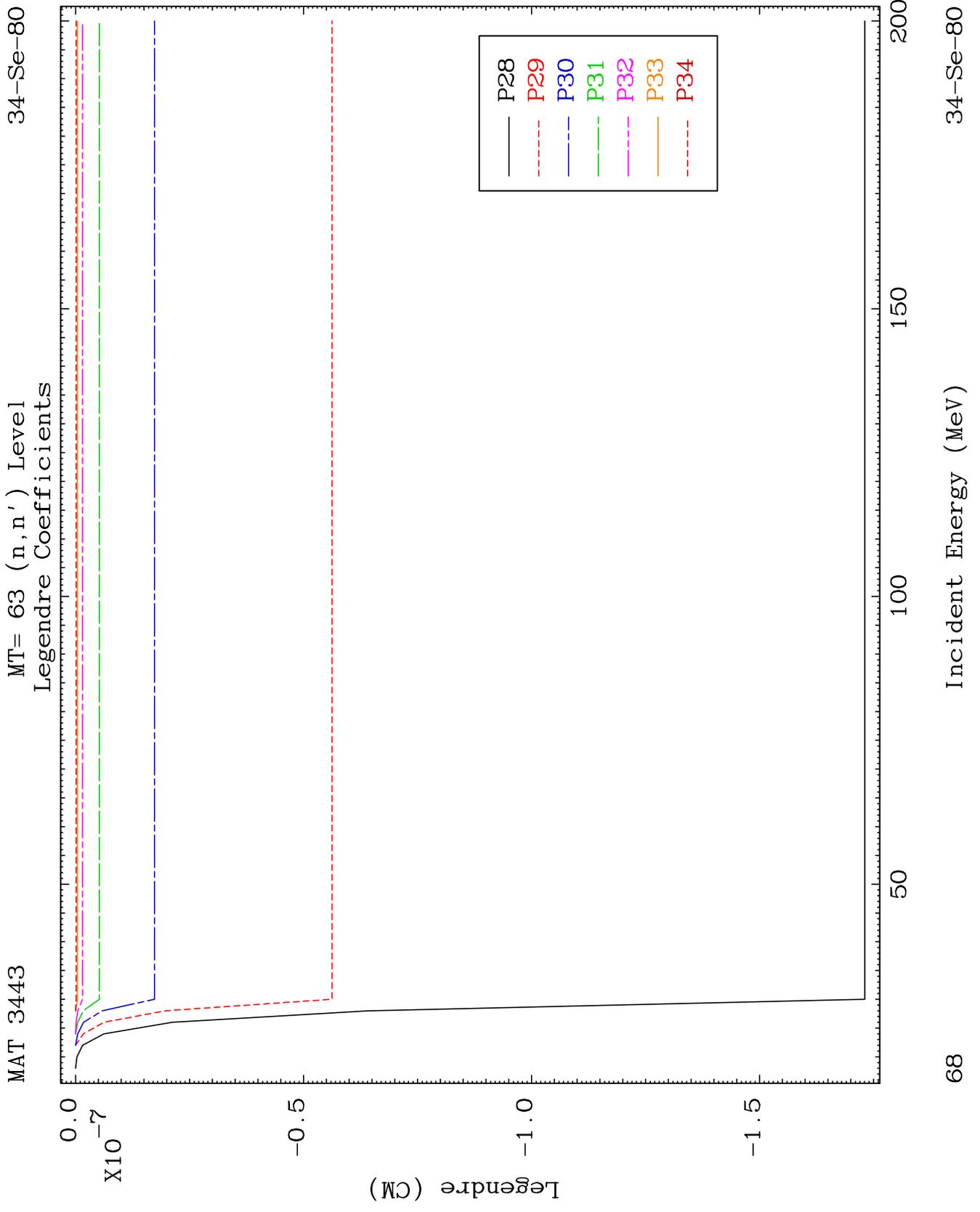
³⁴Se-80

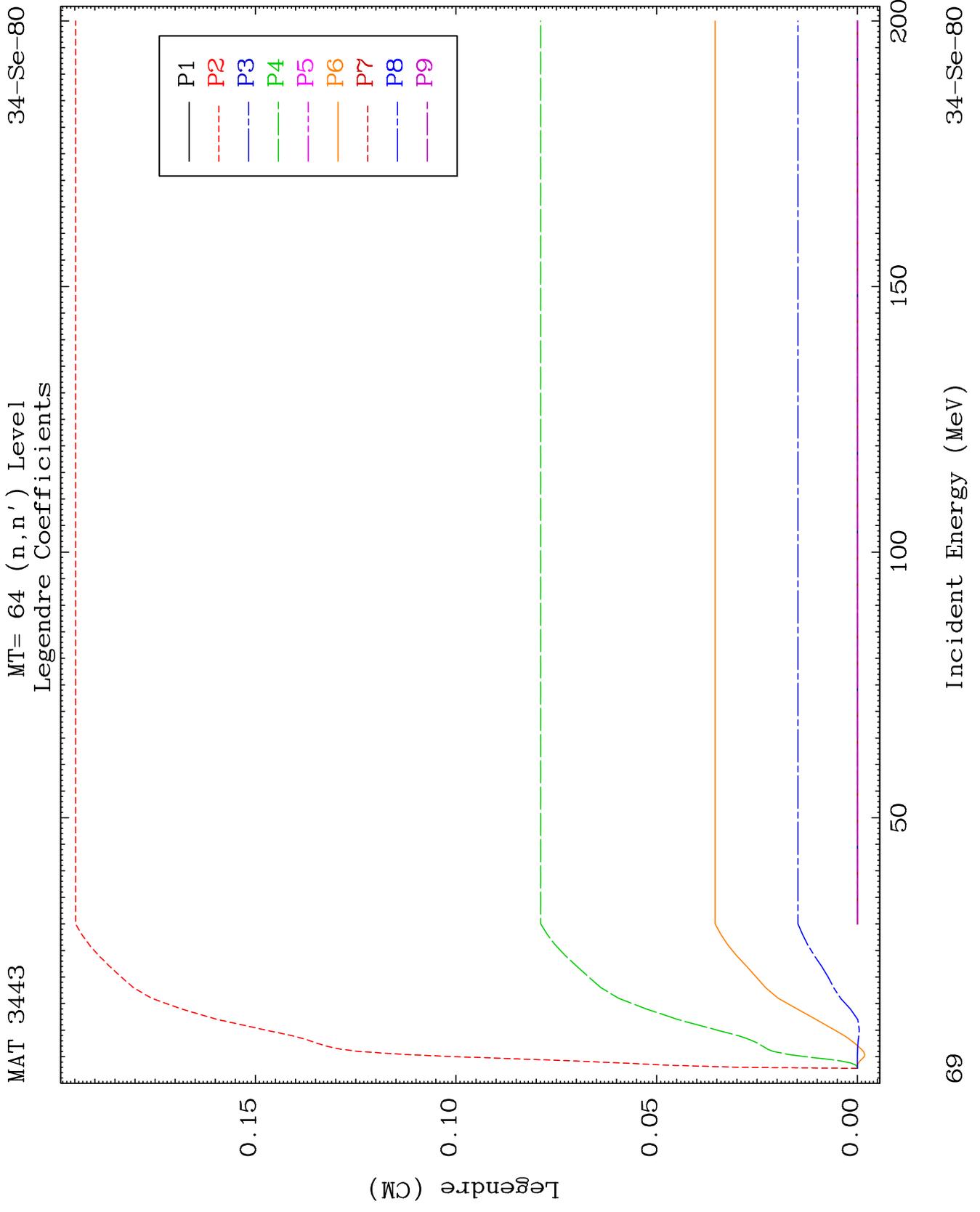


MAT 3443 MT= 63 (n,n') Level 34-Se-80

Legendre Coefficients



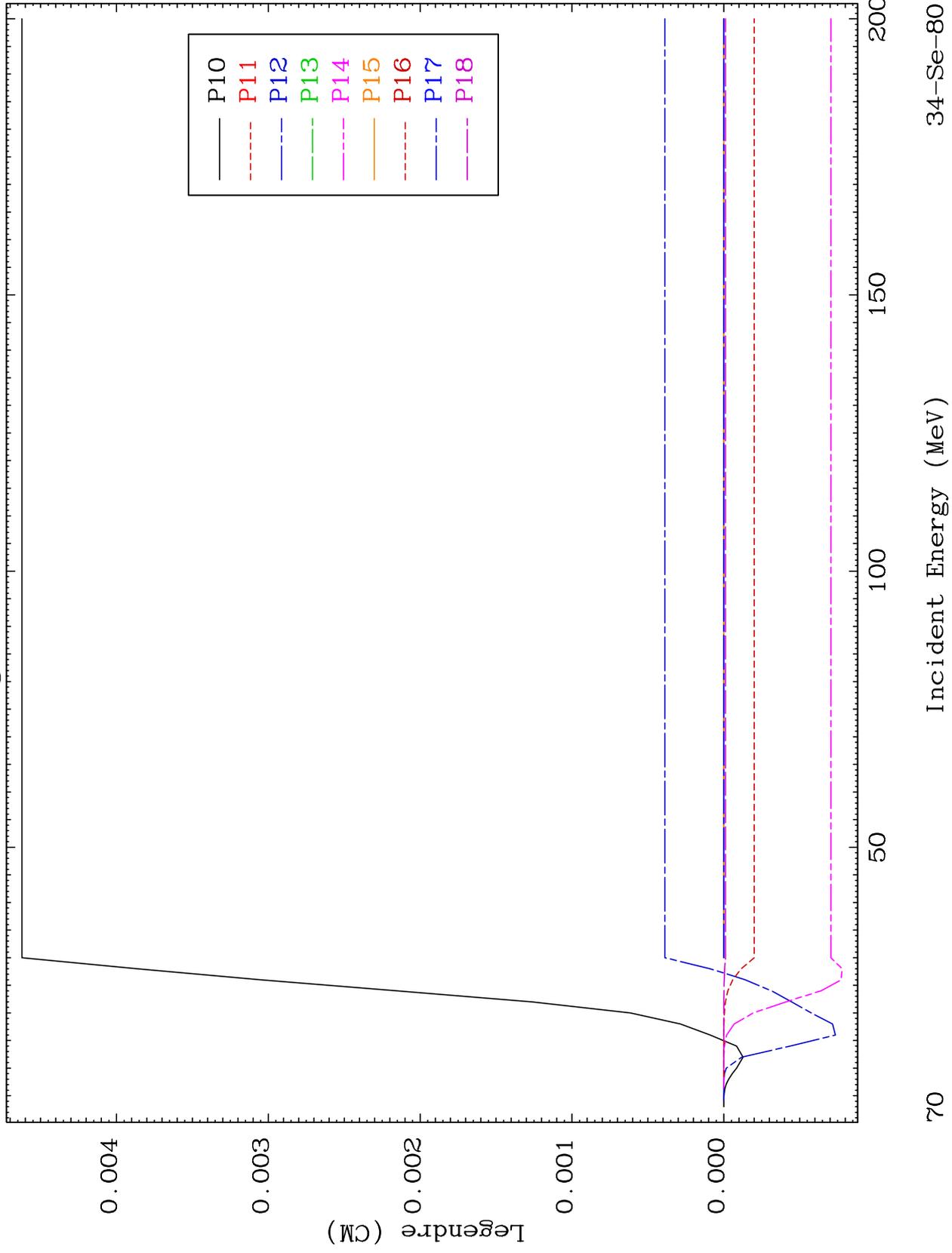




MAT 3443

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

³⁴Se-80



70

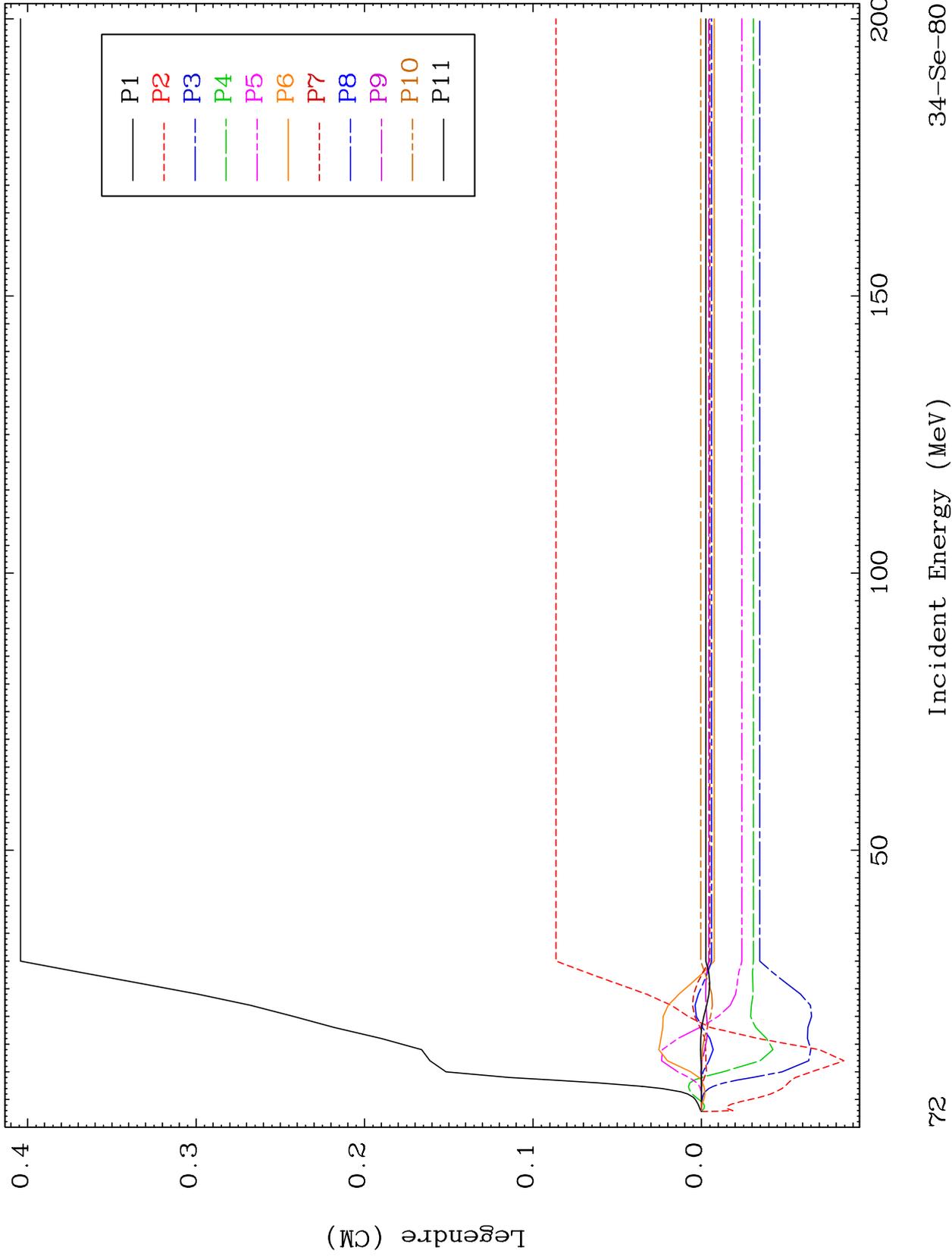
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



72

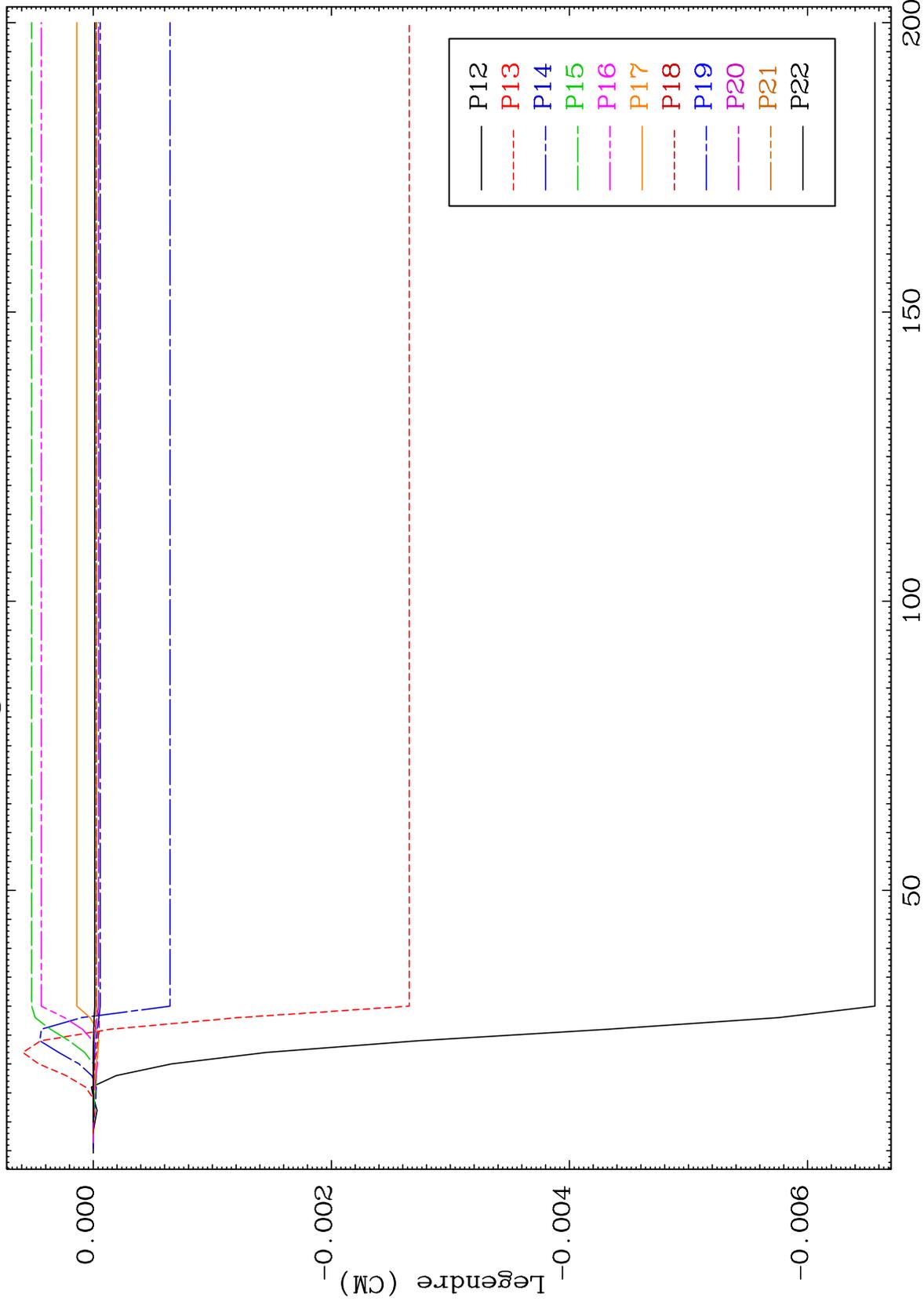
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



73

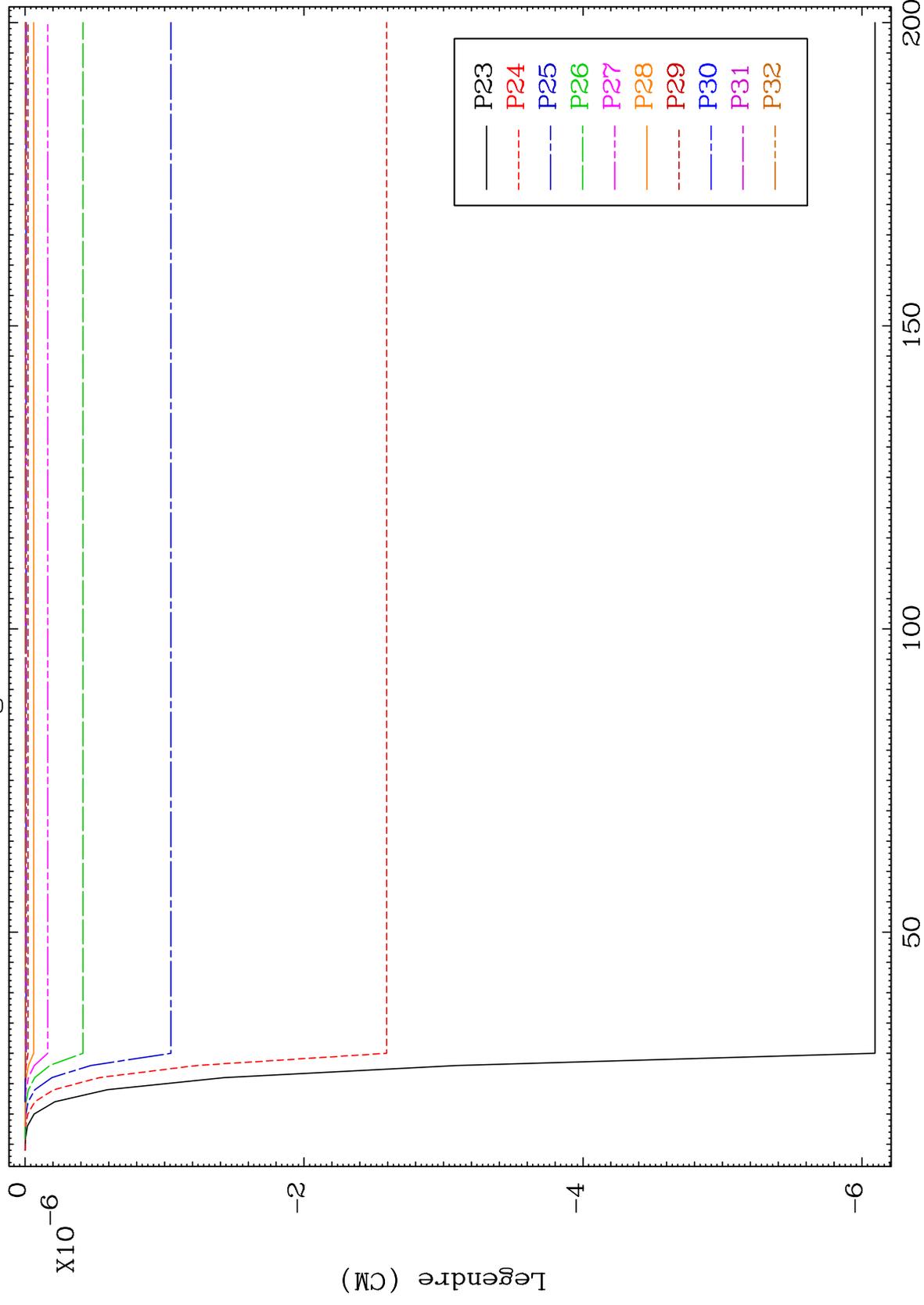
Incident Energy (MeV)

34-Se-80

MAT 3443

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

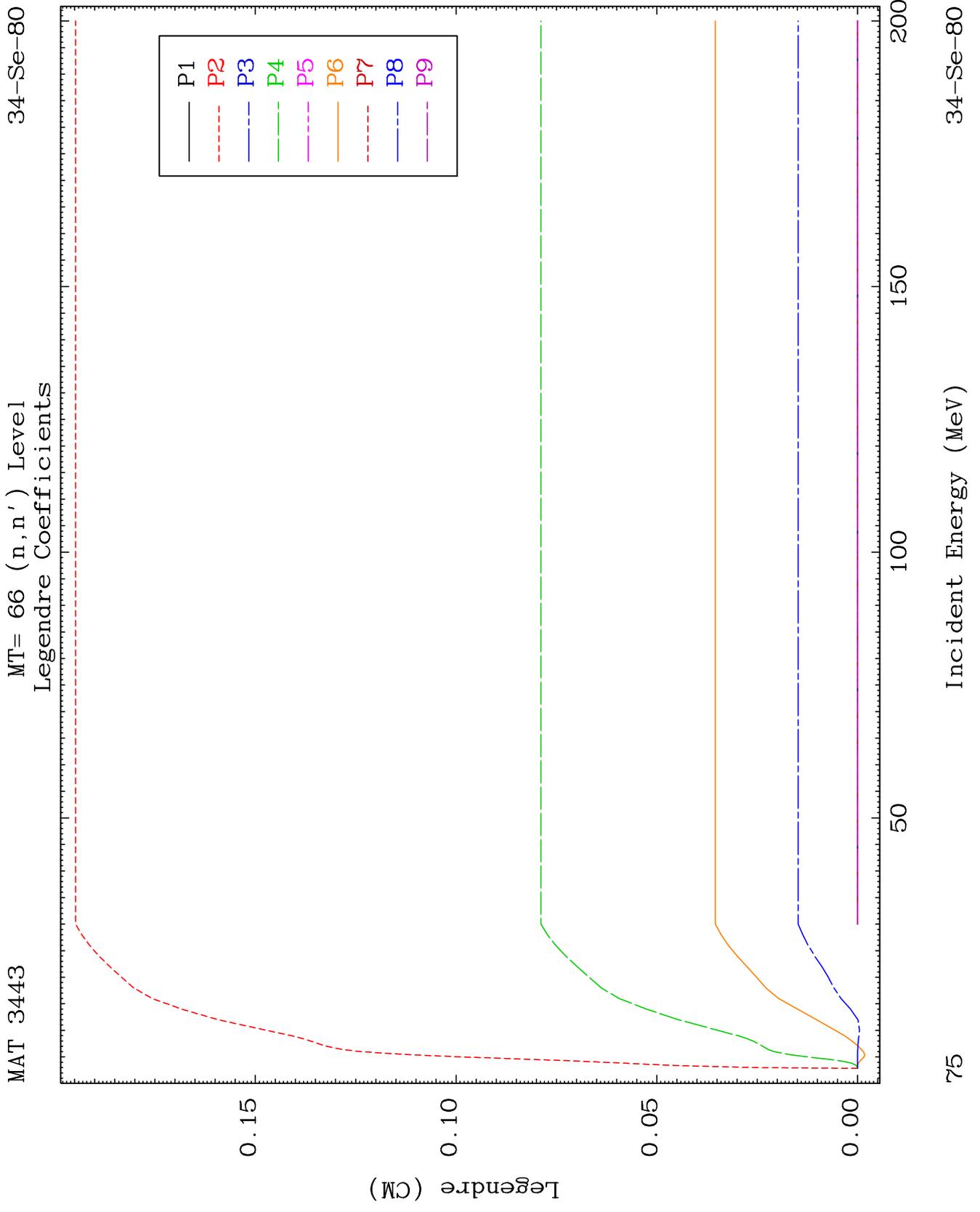
34-Se-80



34-Se-80

Incident Energy (MeV)

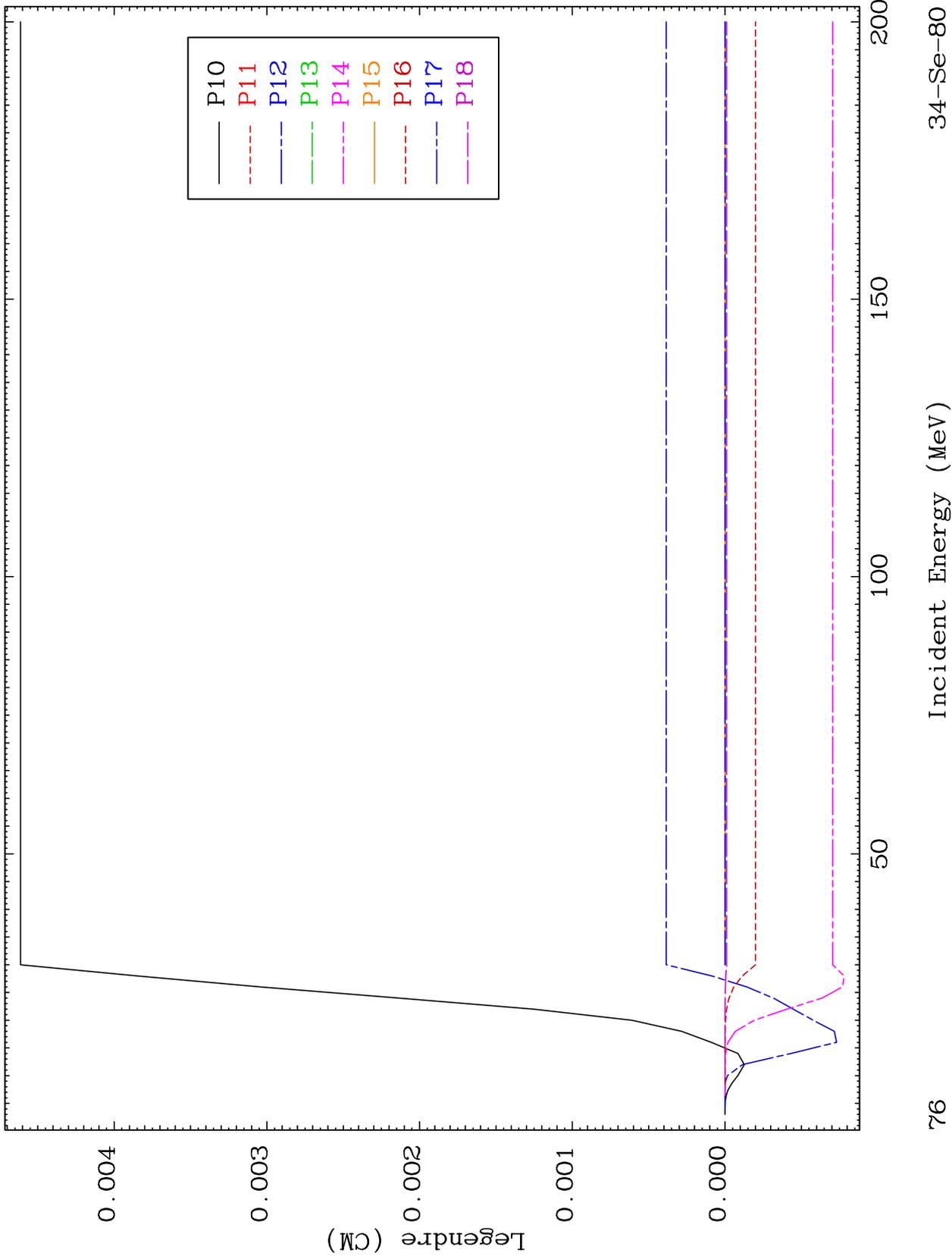
74



MAT 3443

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

34-Se-80



76

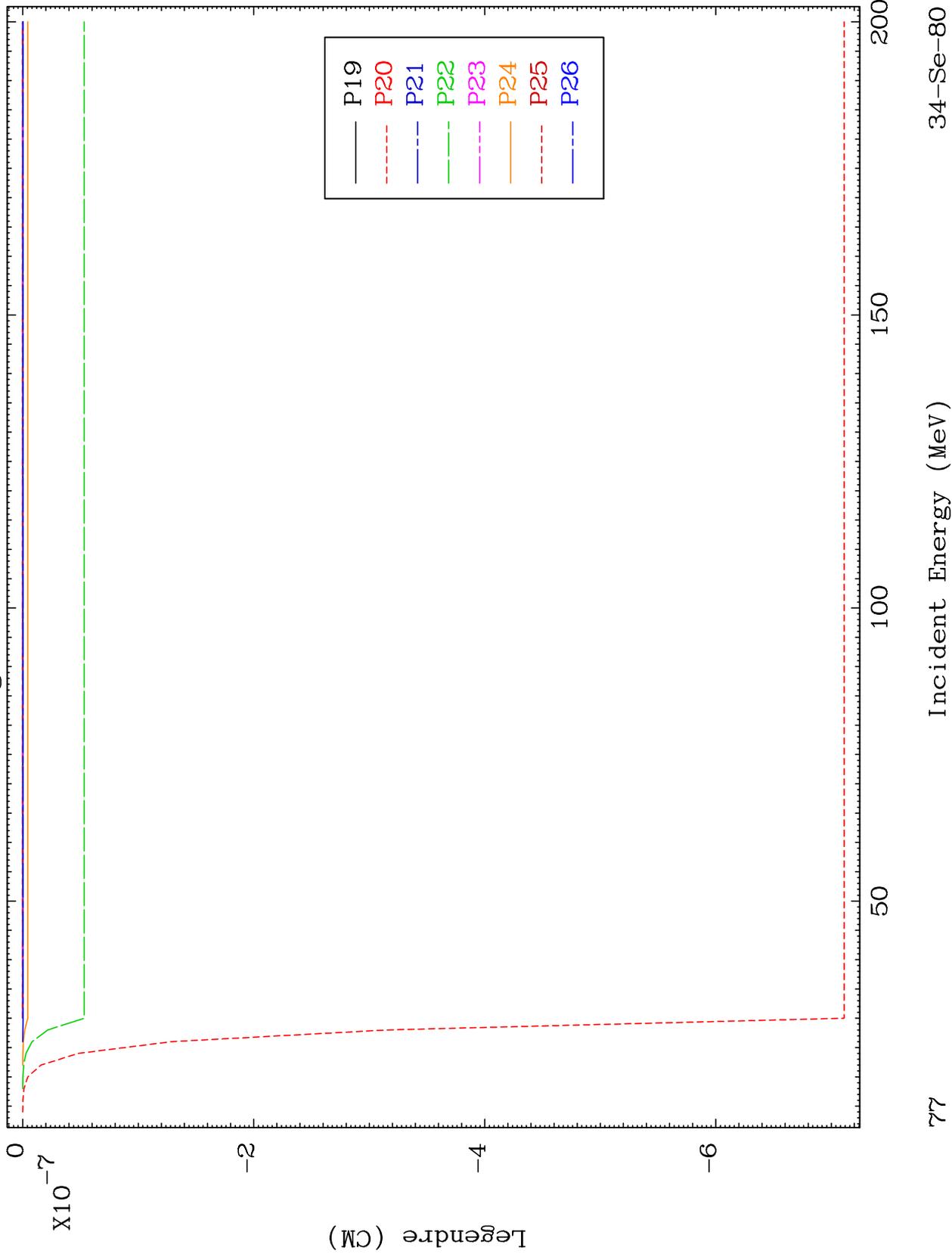
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



77

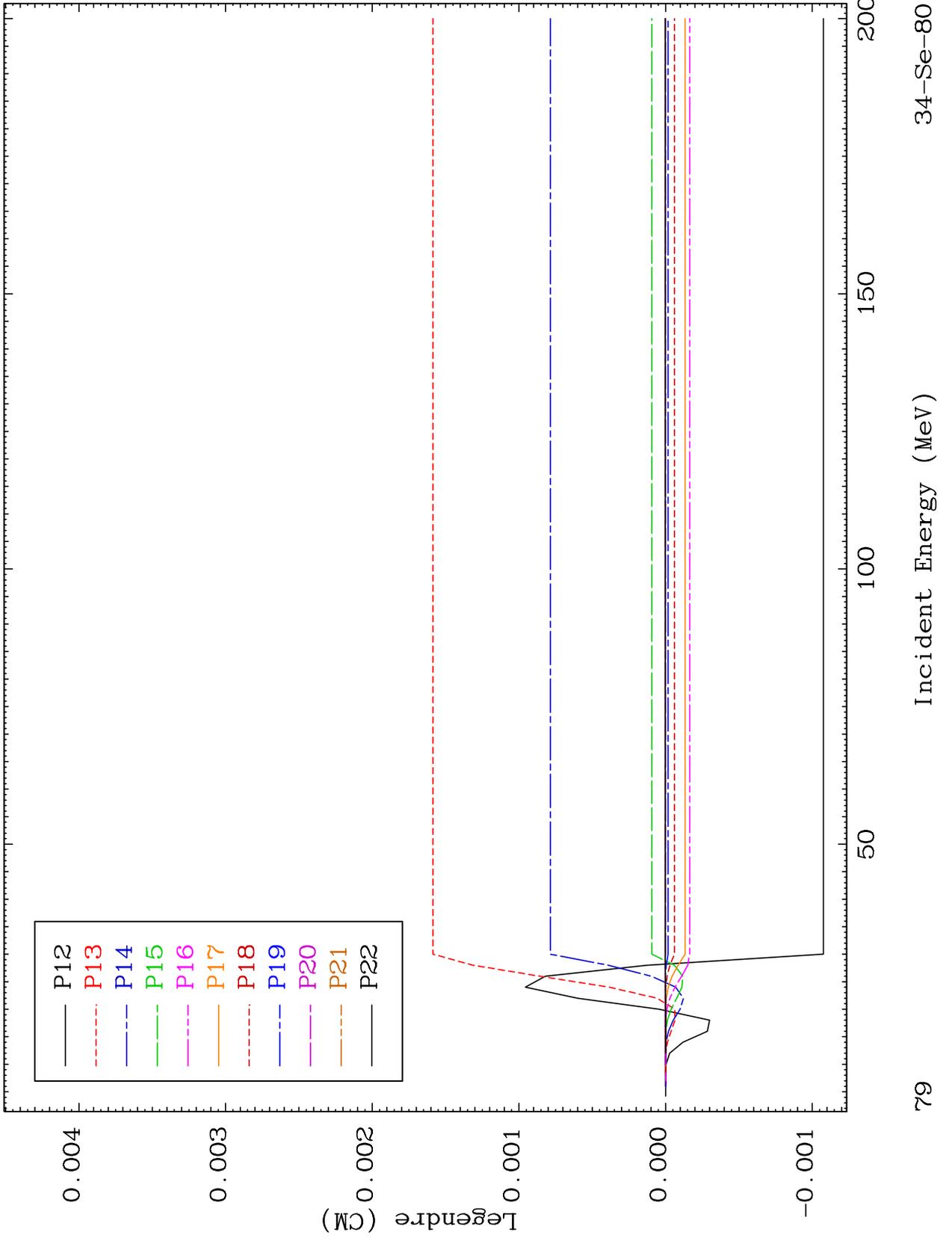
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



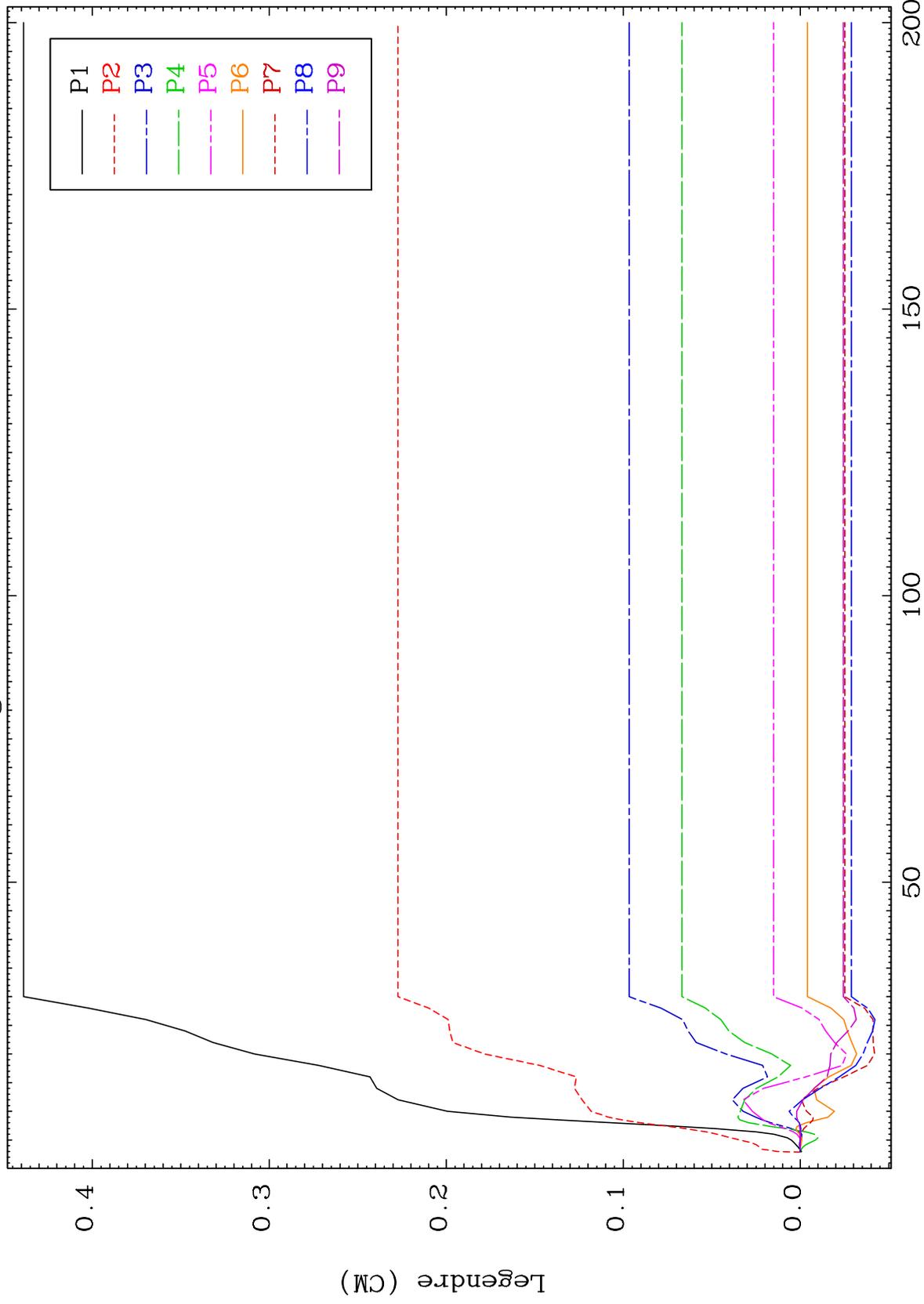
79

34-Se-80

MAT 3443

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

³⁴Se-80



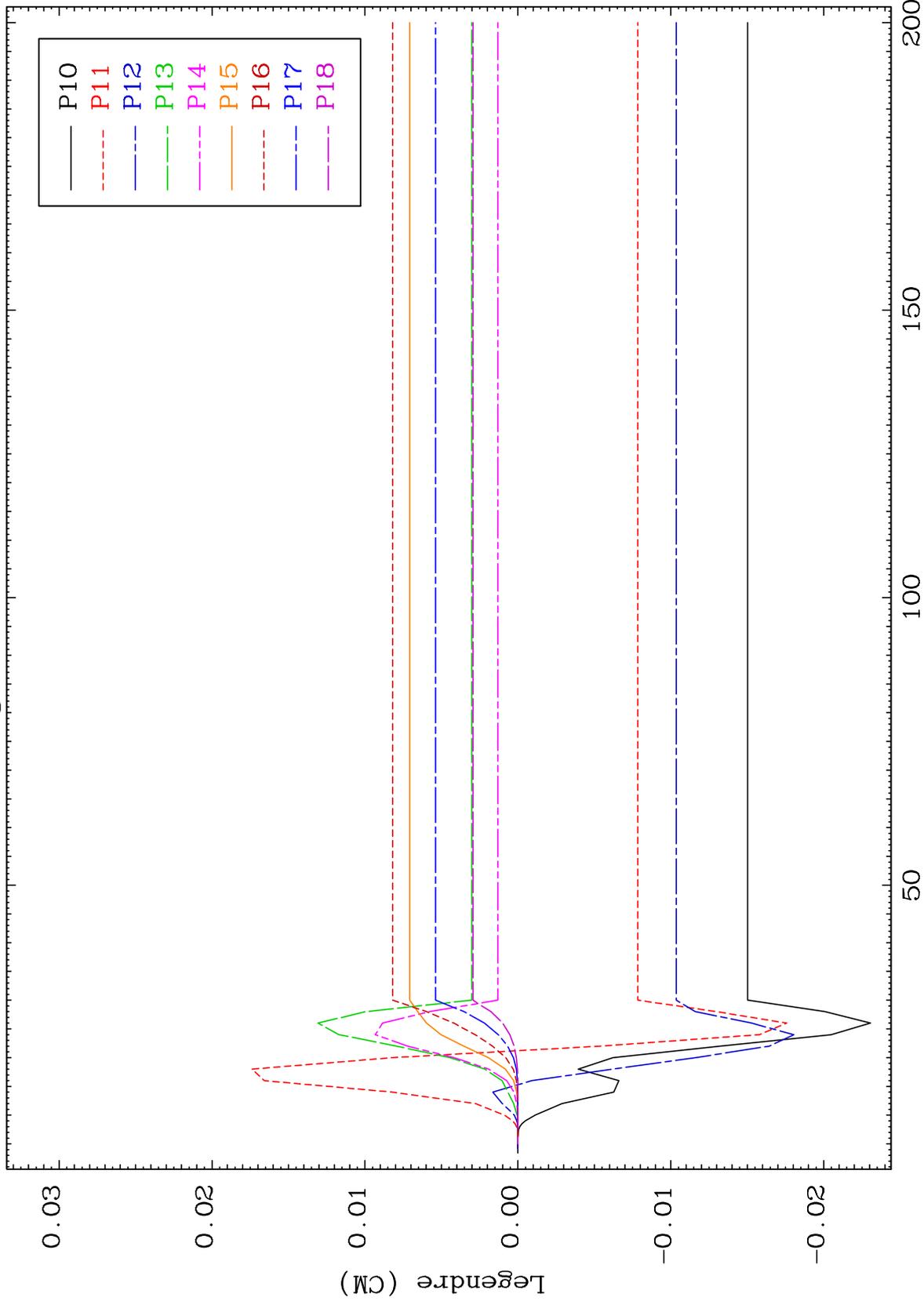
81

³⁴Se-80

MAT 3443

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

³⁴Se-80



82

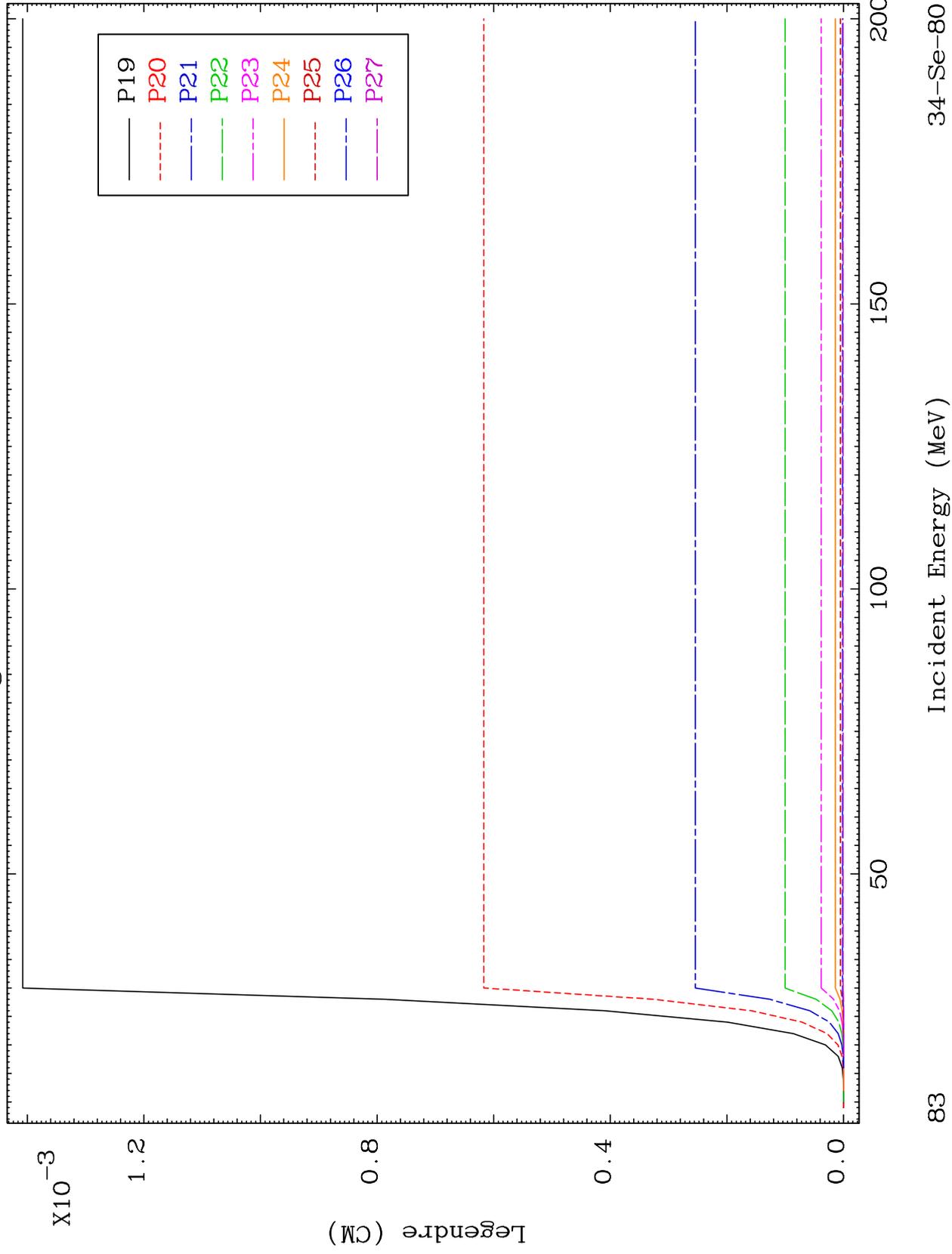
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

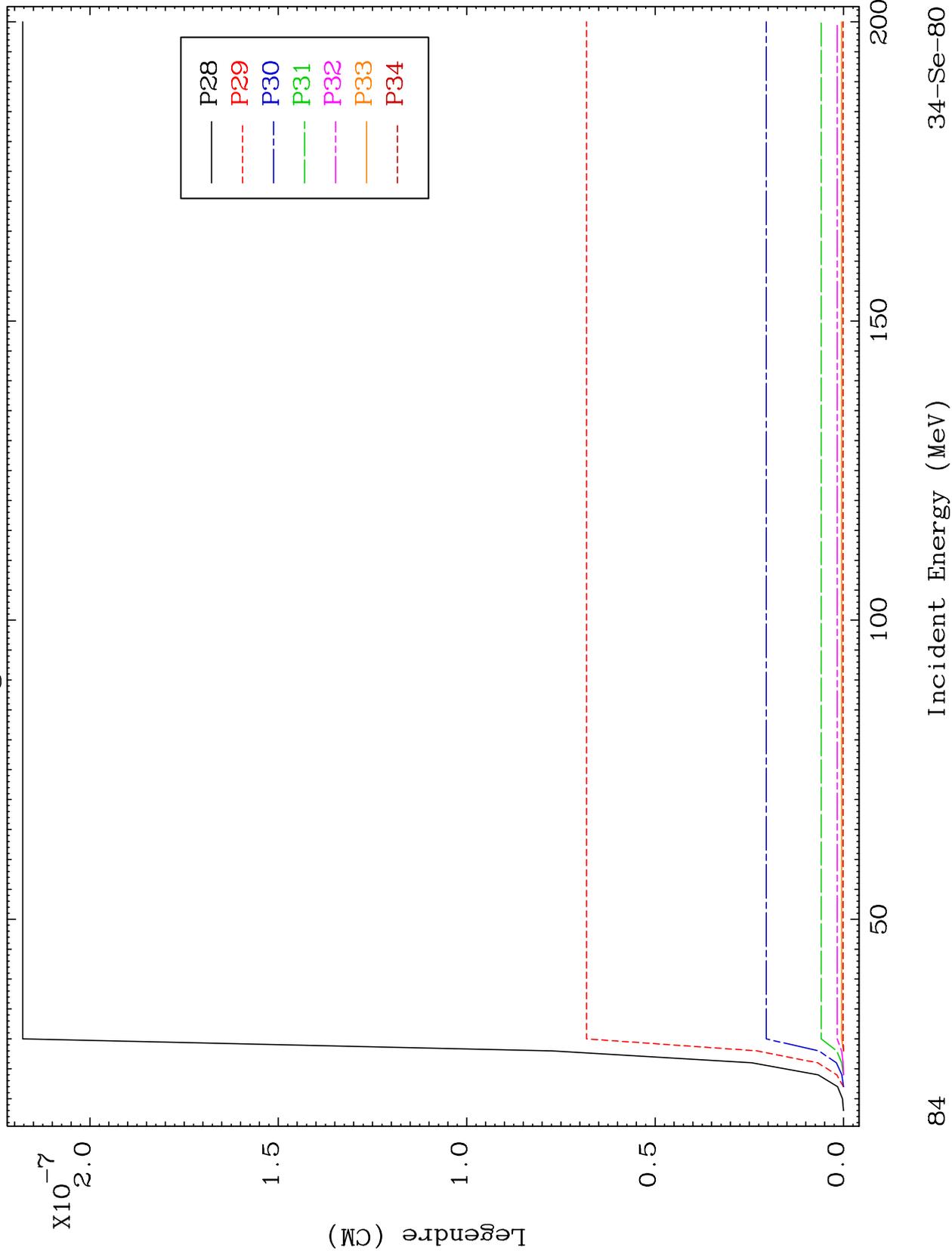
34-Se-80



MAT 3443

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

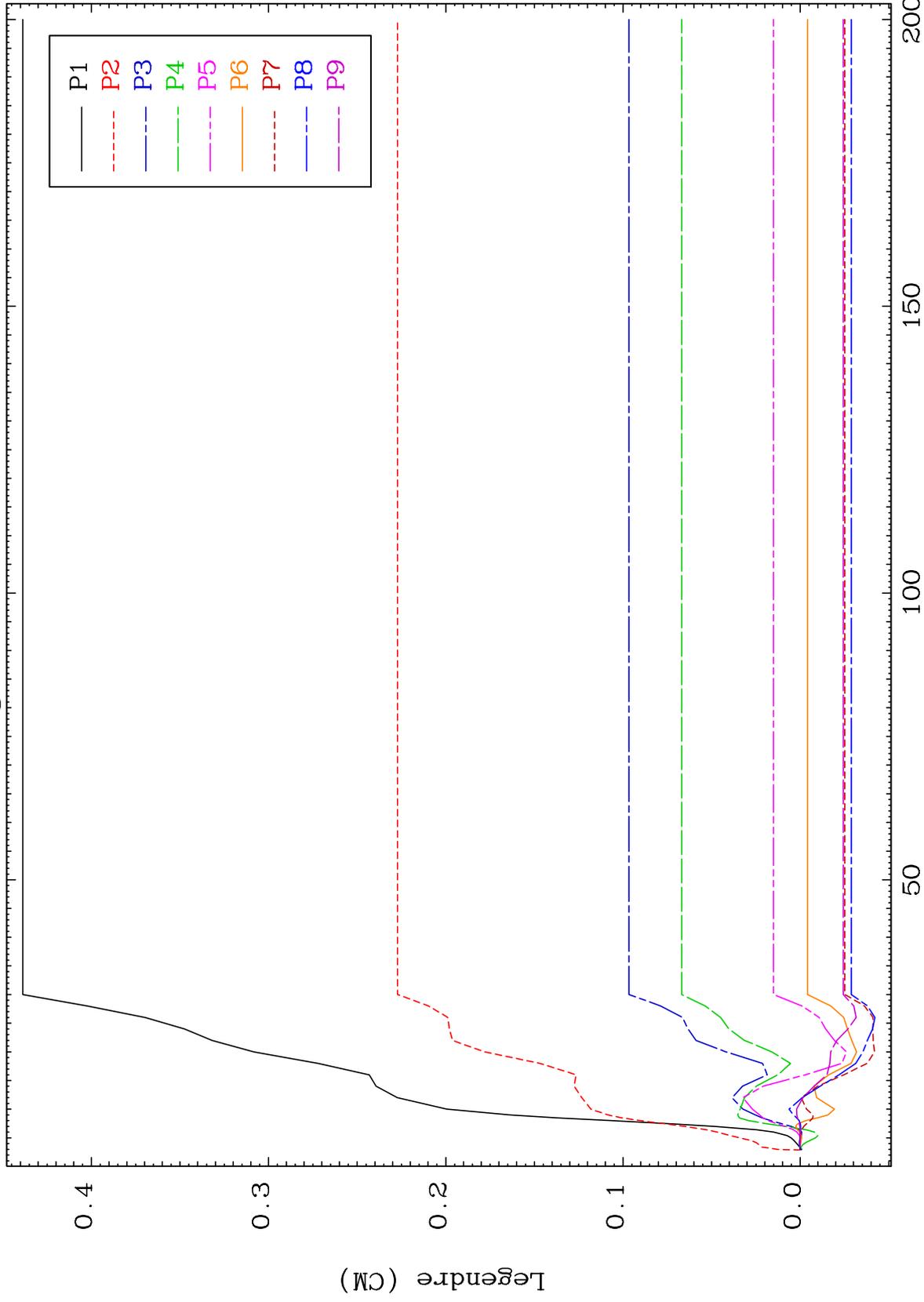
34-Se-80



MAT 3443

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

³⁴Se-80



85

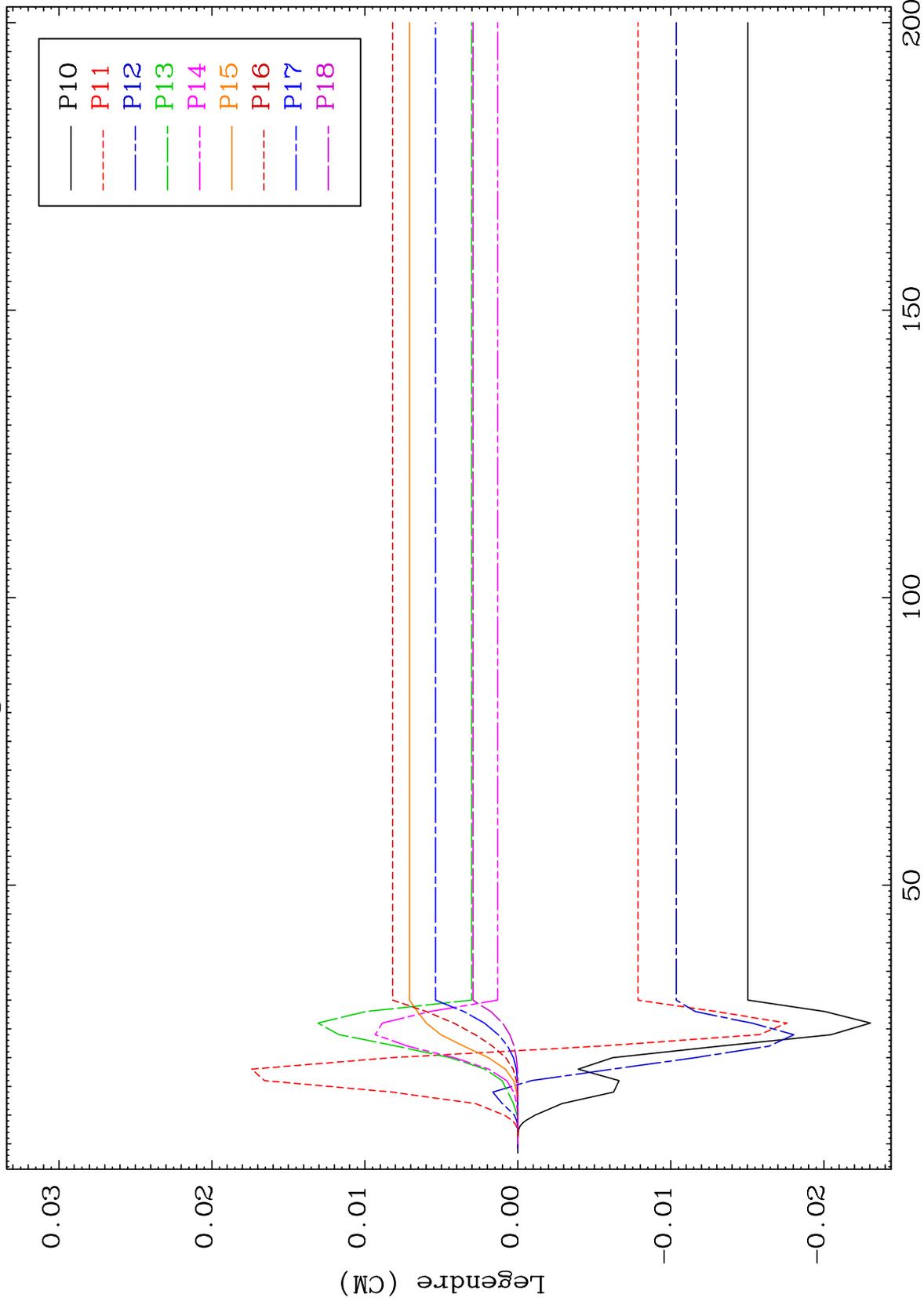
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



86

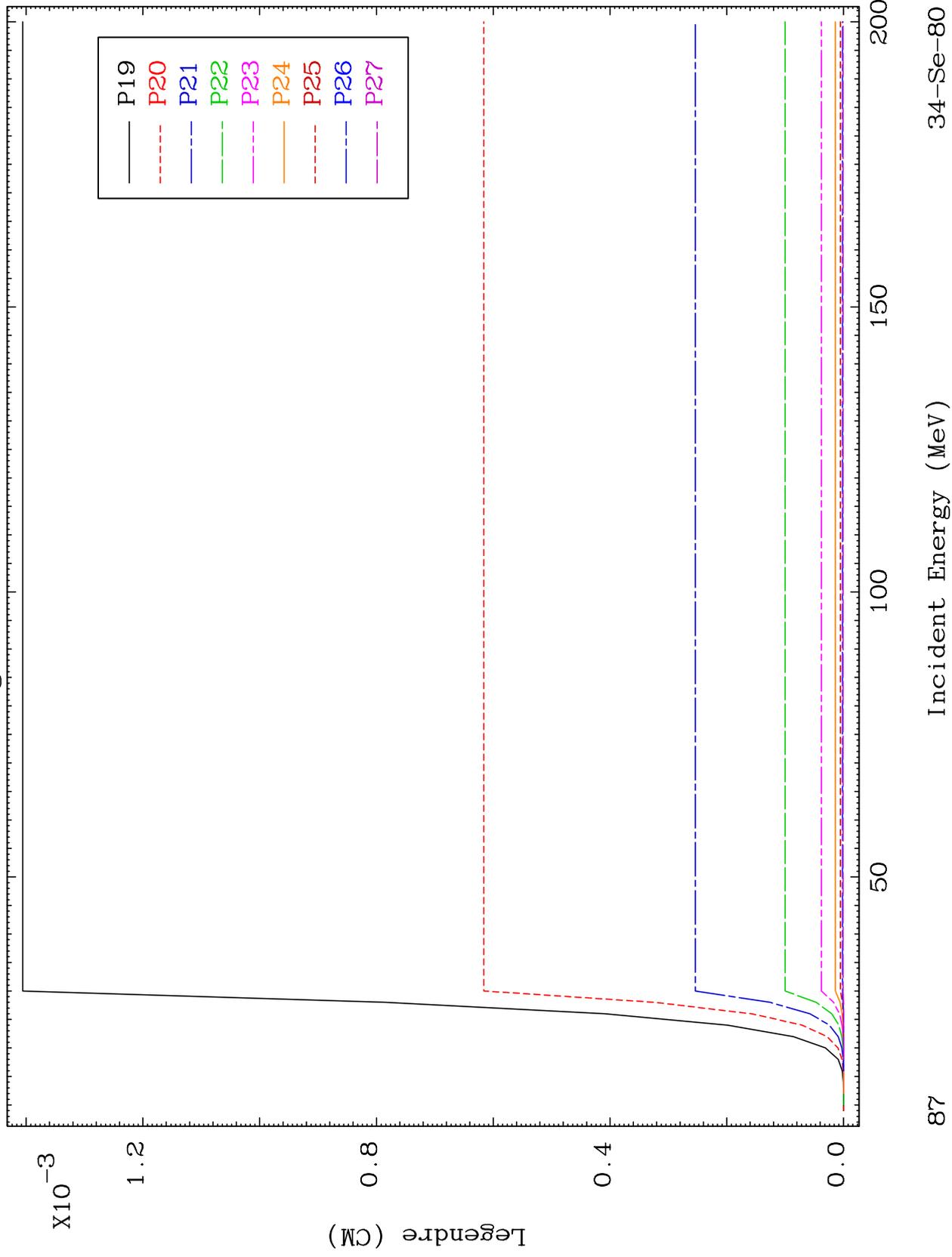
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

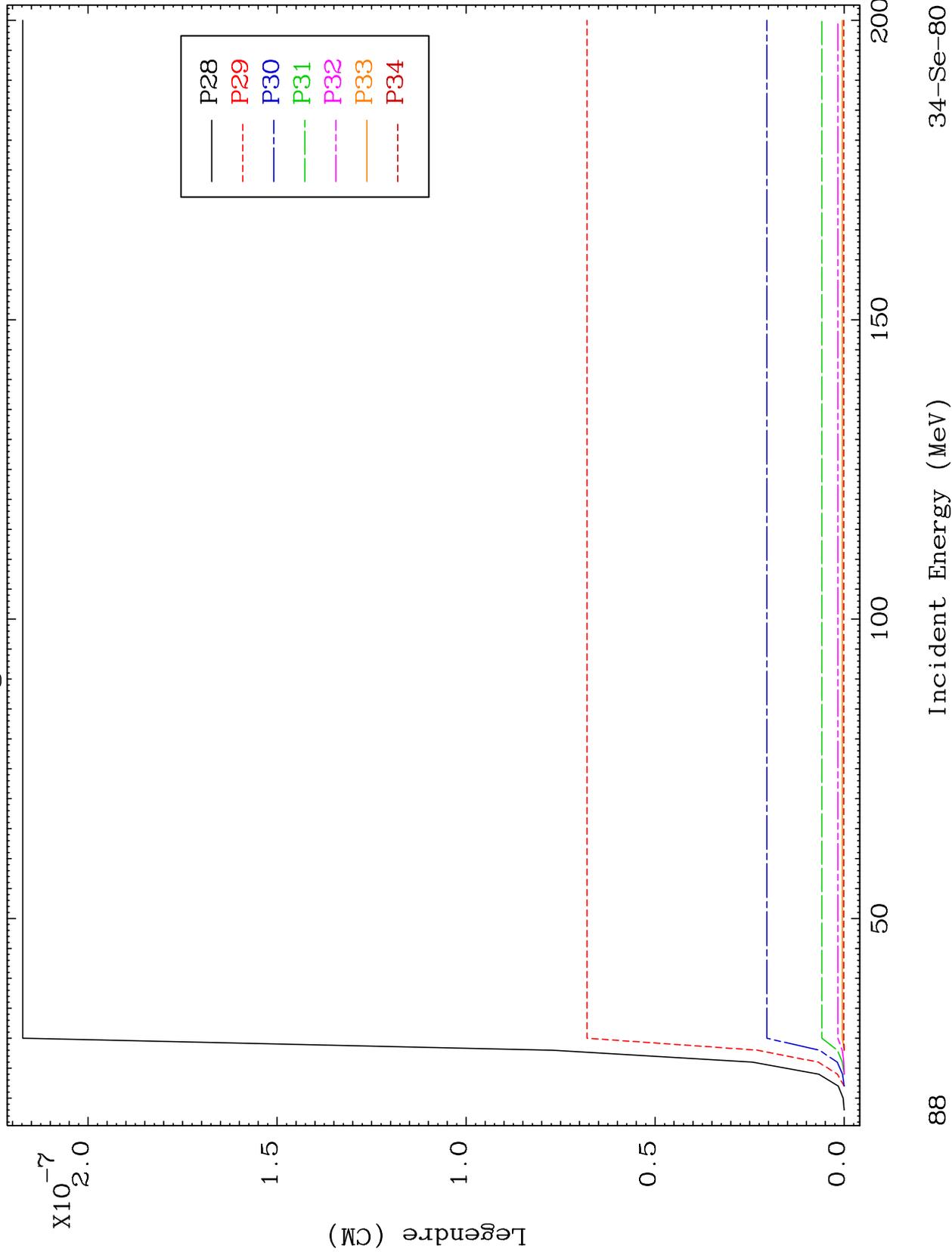
34-Se-80



MAT 3443

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

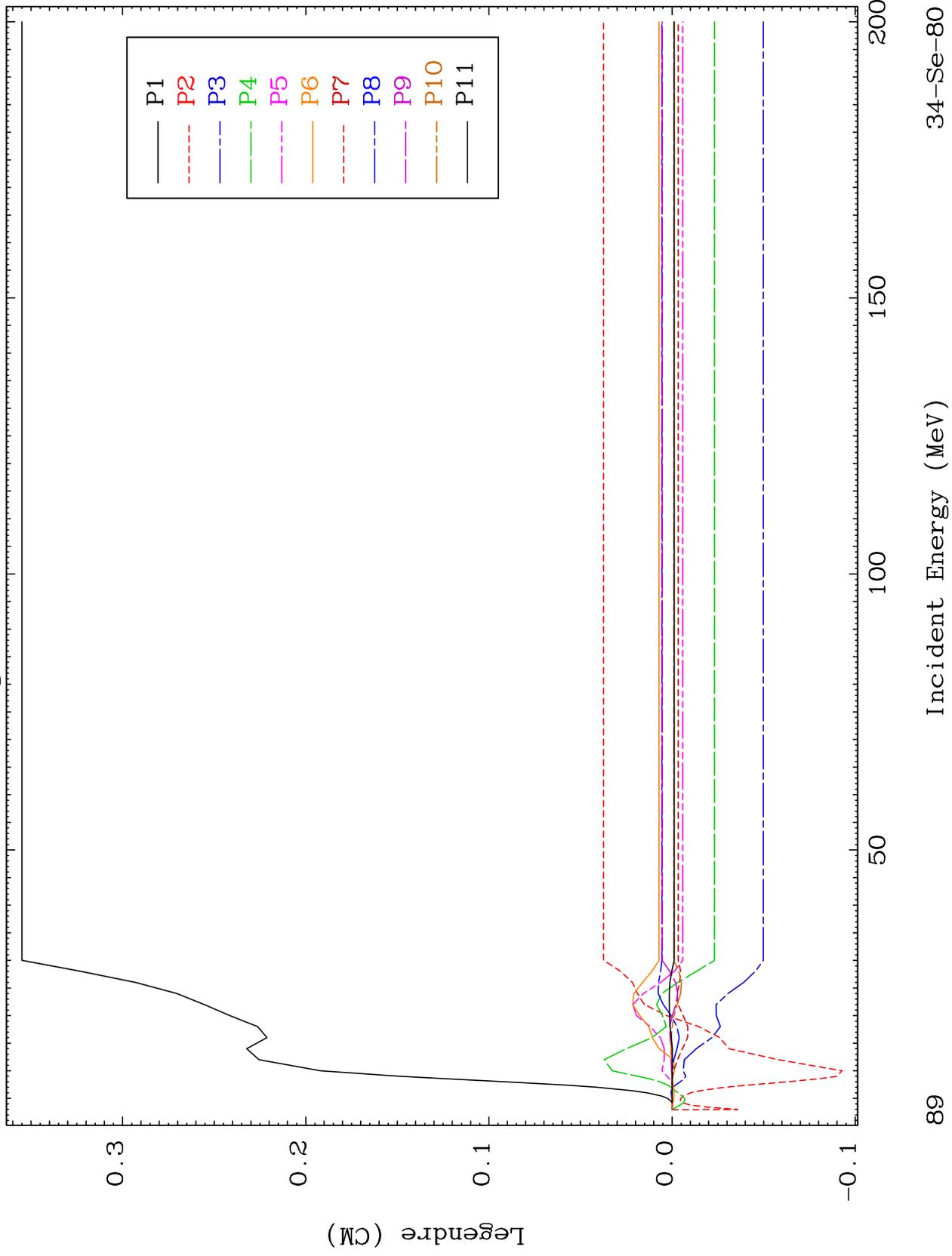
34-Se-80



MAT 3443

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

³⁴Se-80



89

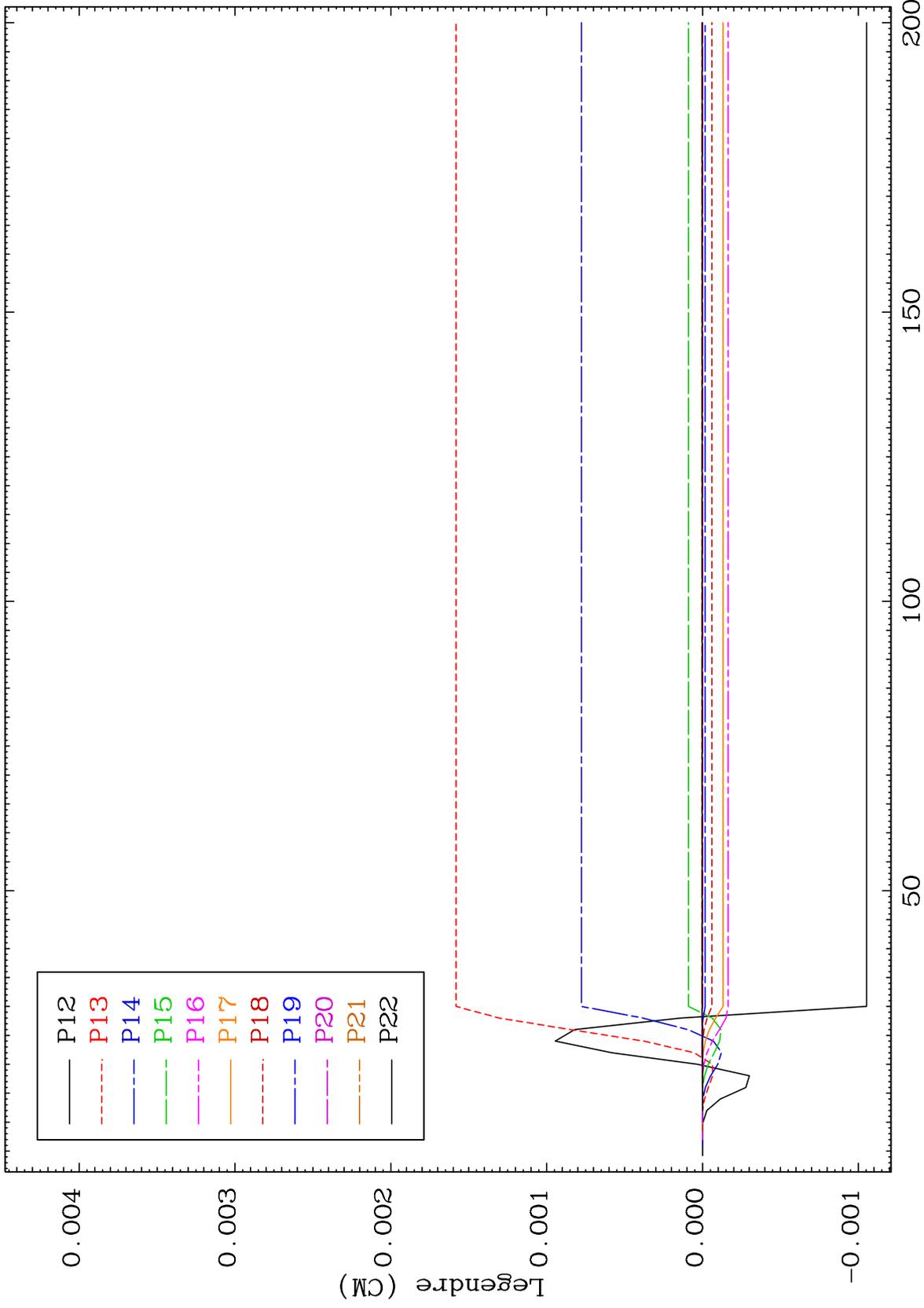
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



90

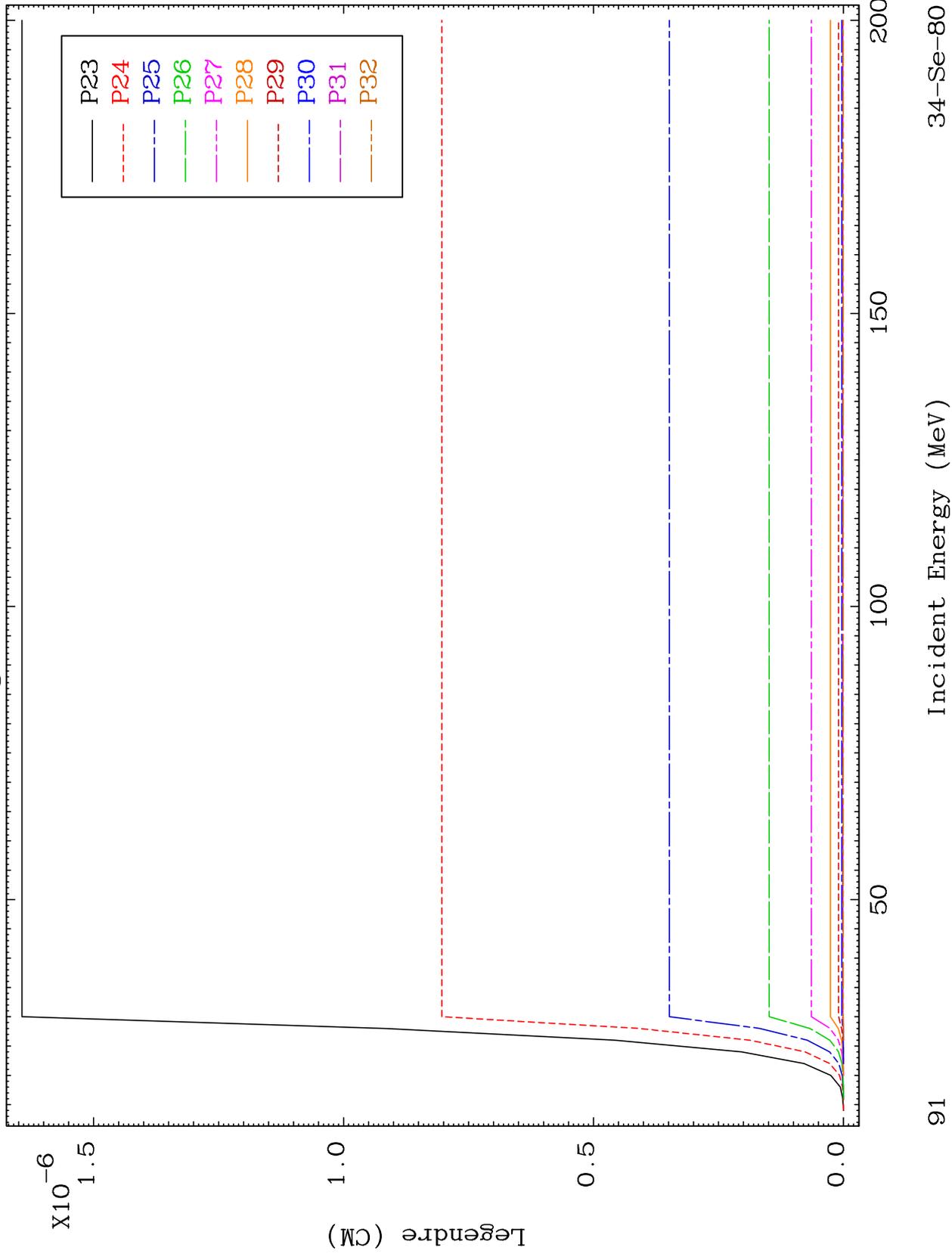
Incident Energy (MeV)

34-Se-80

MAT 3443

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

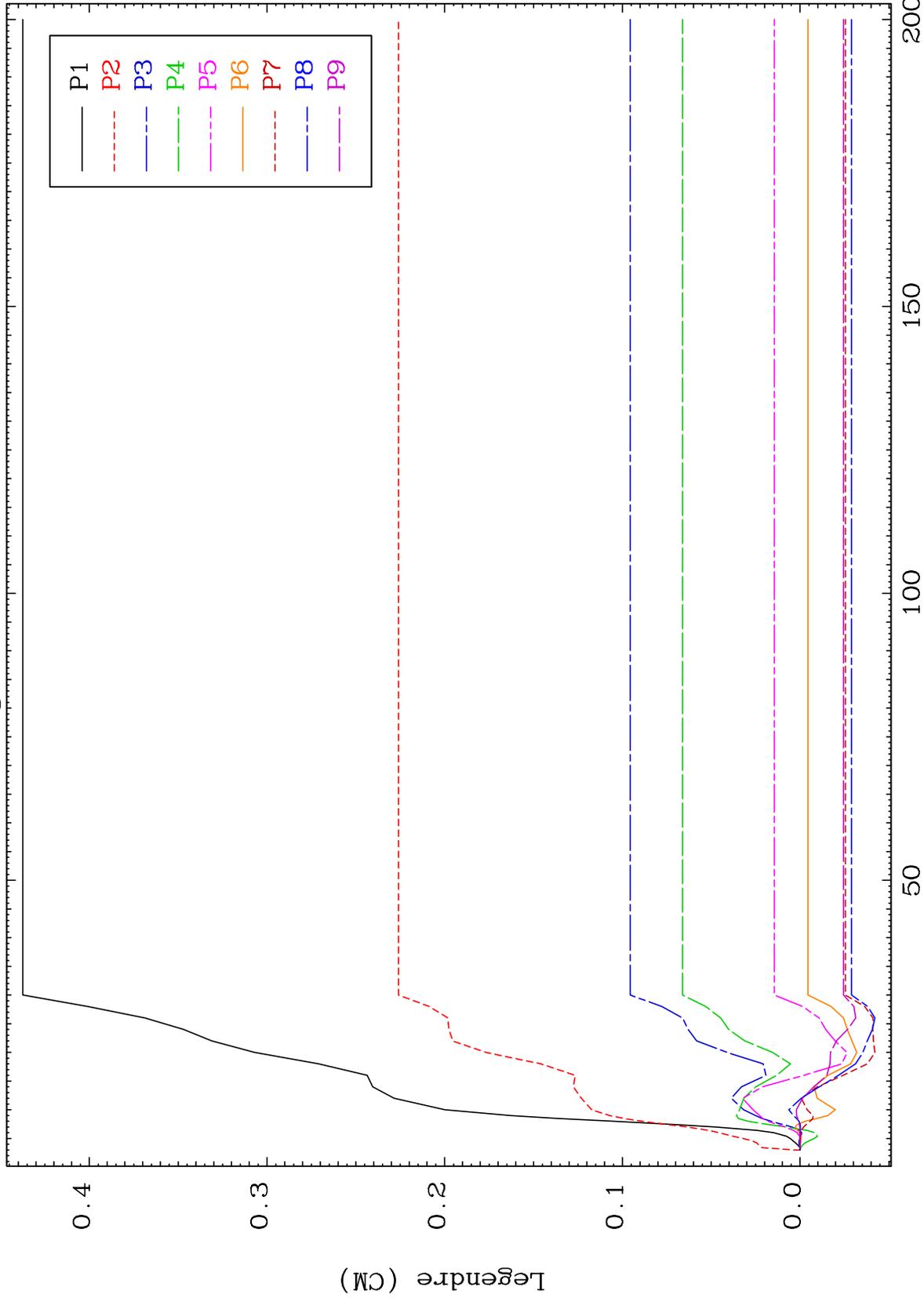
34-Se-80



MAT 3443

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

³⁴Se-80



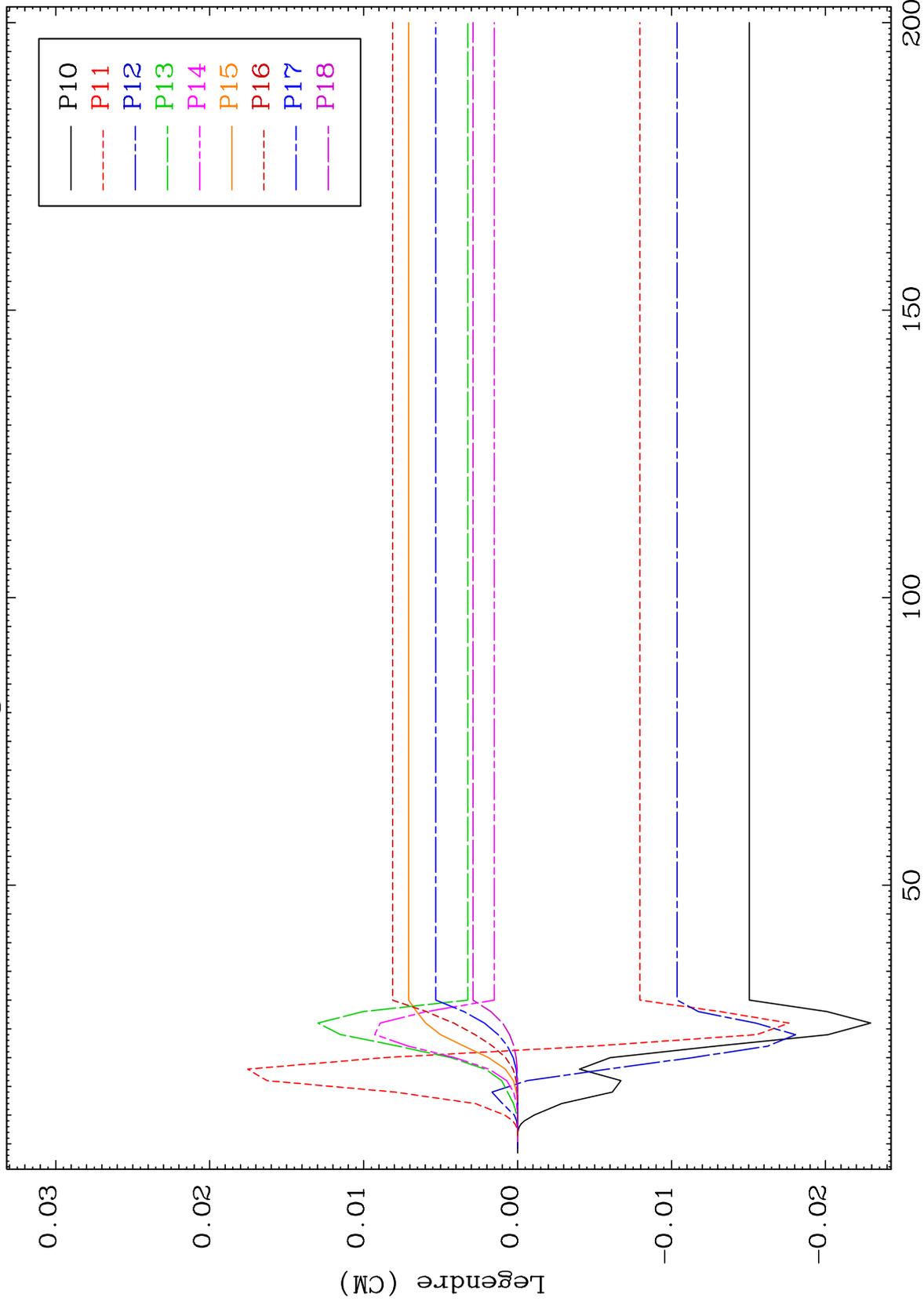
92

³⁴Se-80

MAT 3443

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

³⁴Se-80



93

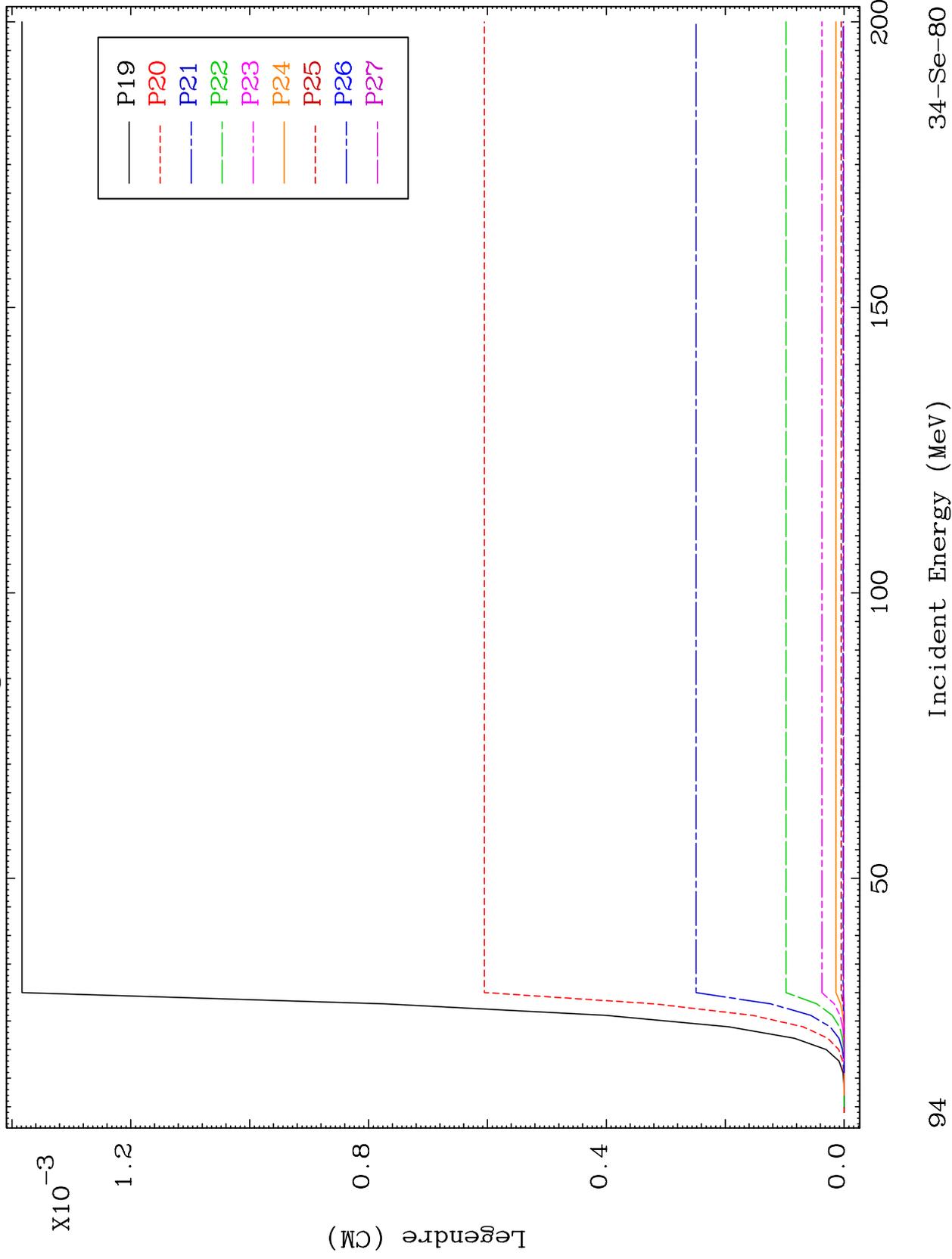
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



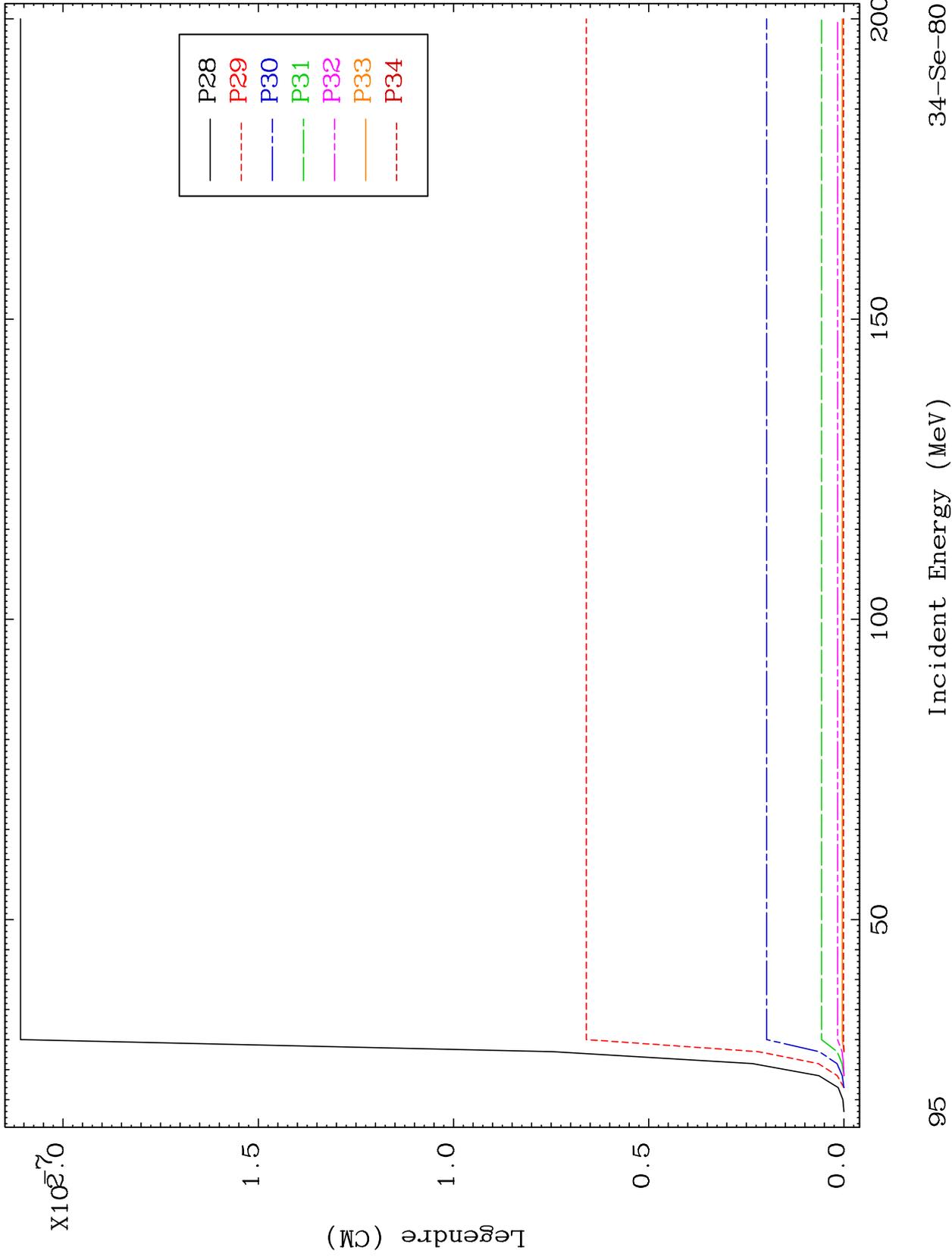
94

³⁴Se-80

MAT 3443

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

34-Se-80



95

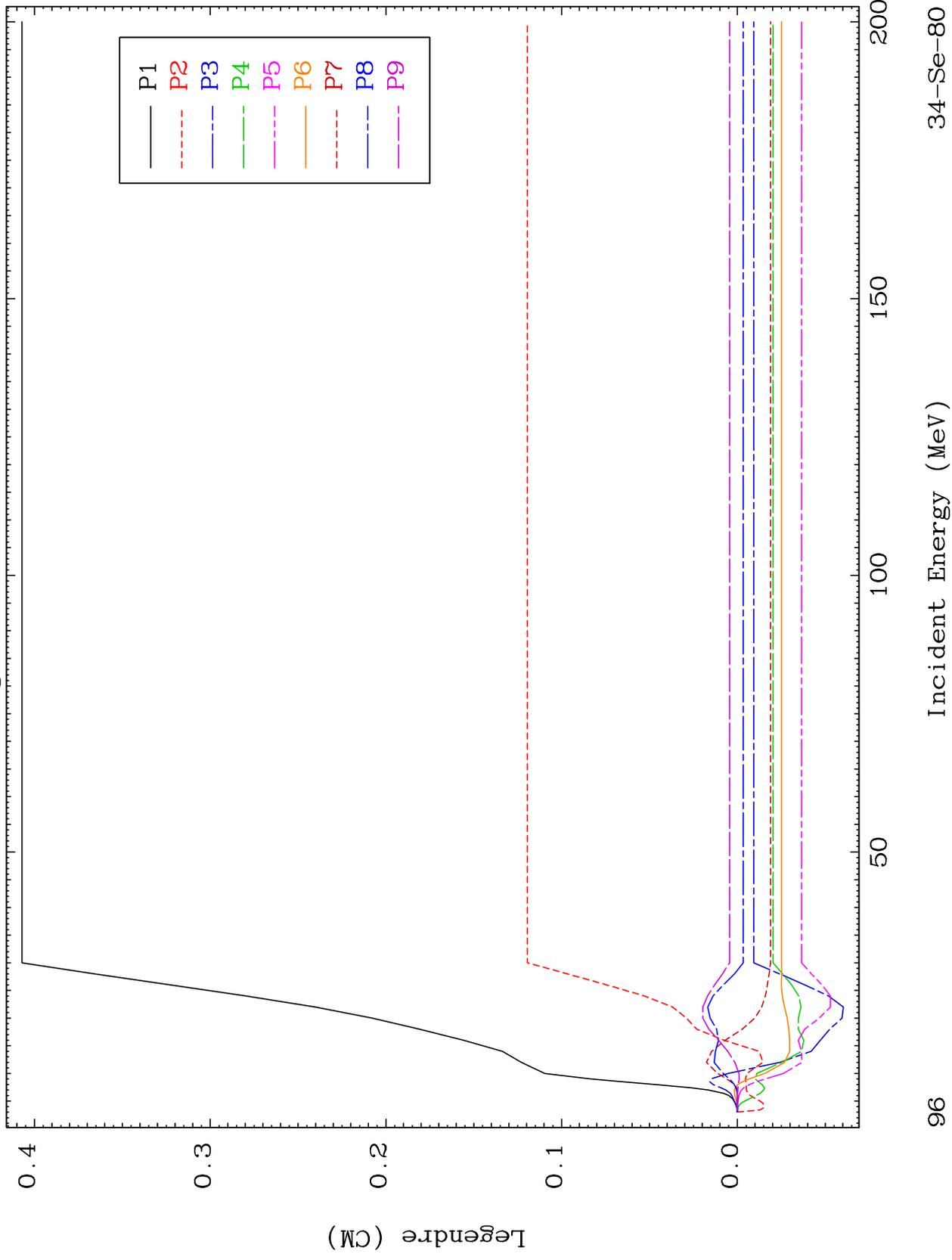
Incident Energy (MeV)

34-Se-80

MAT 3443

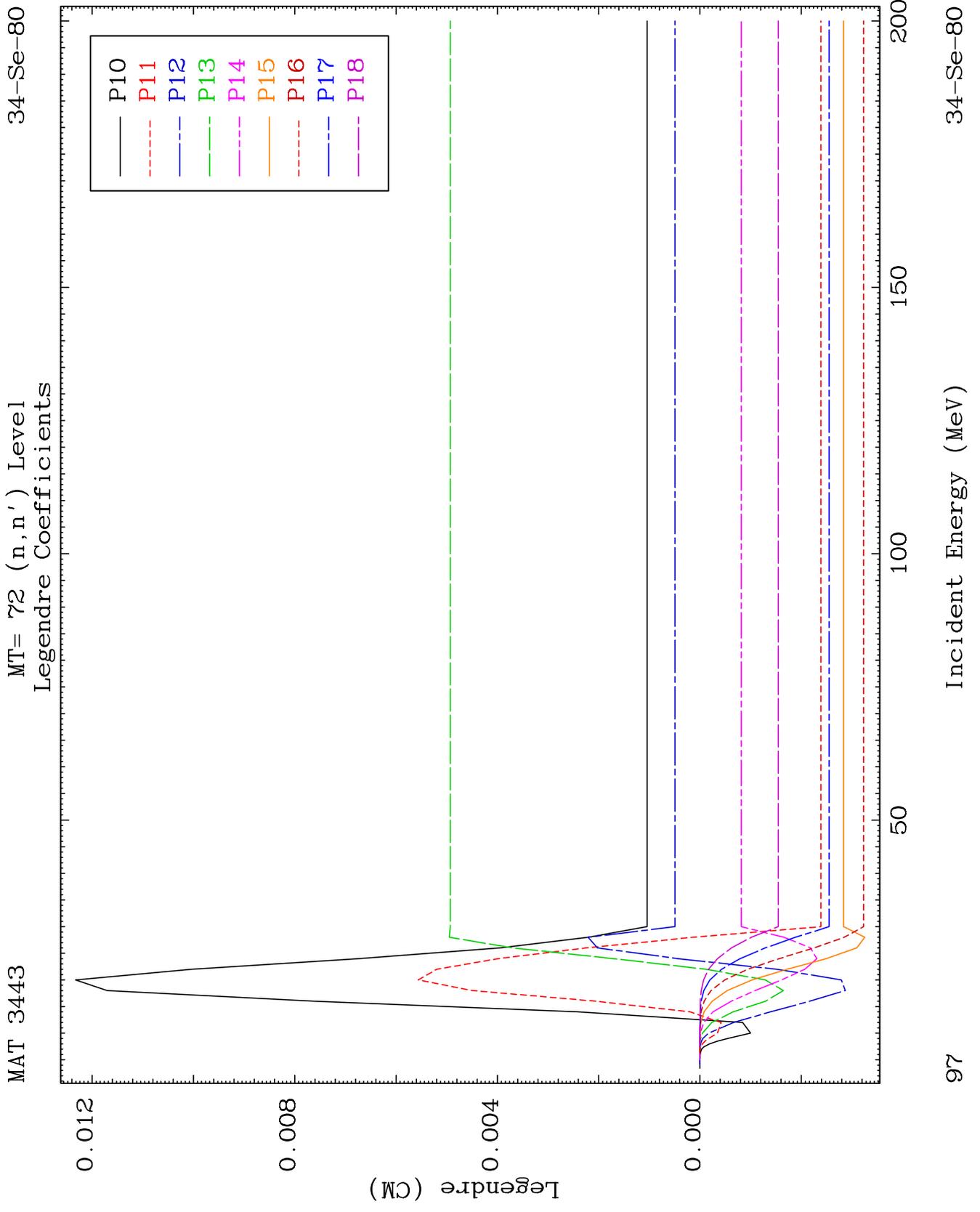
MT= 72 (n,n') Level
Legendre Coefficients

³⁴Se-80



96

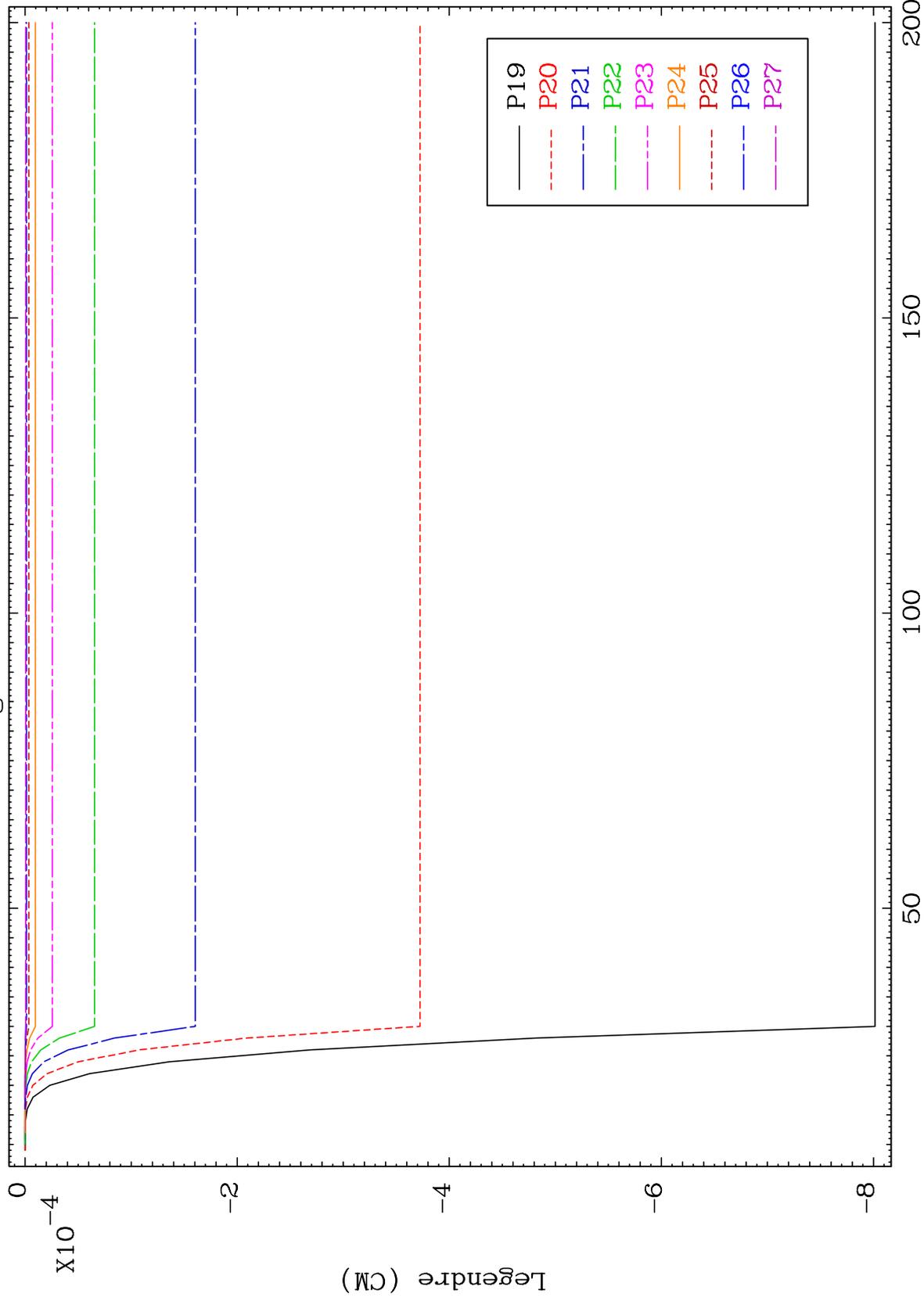
³⁴Se-80

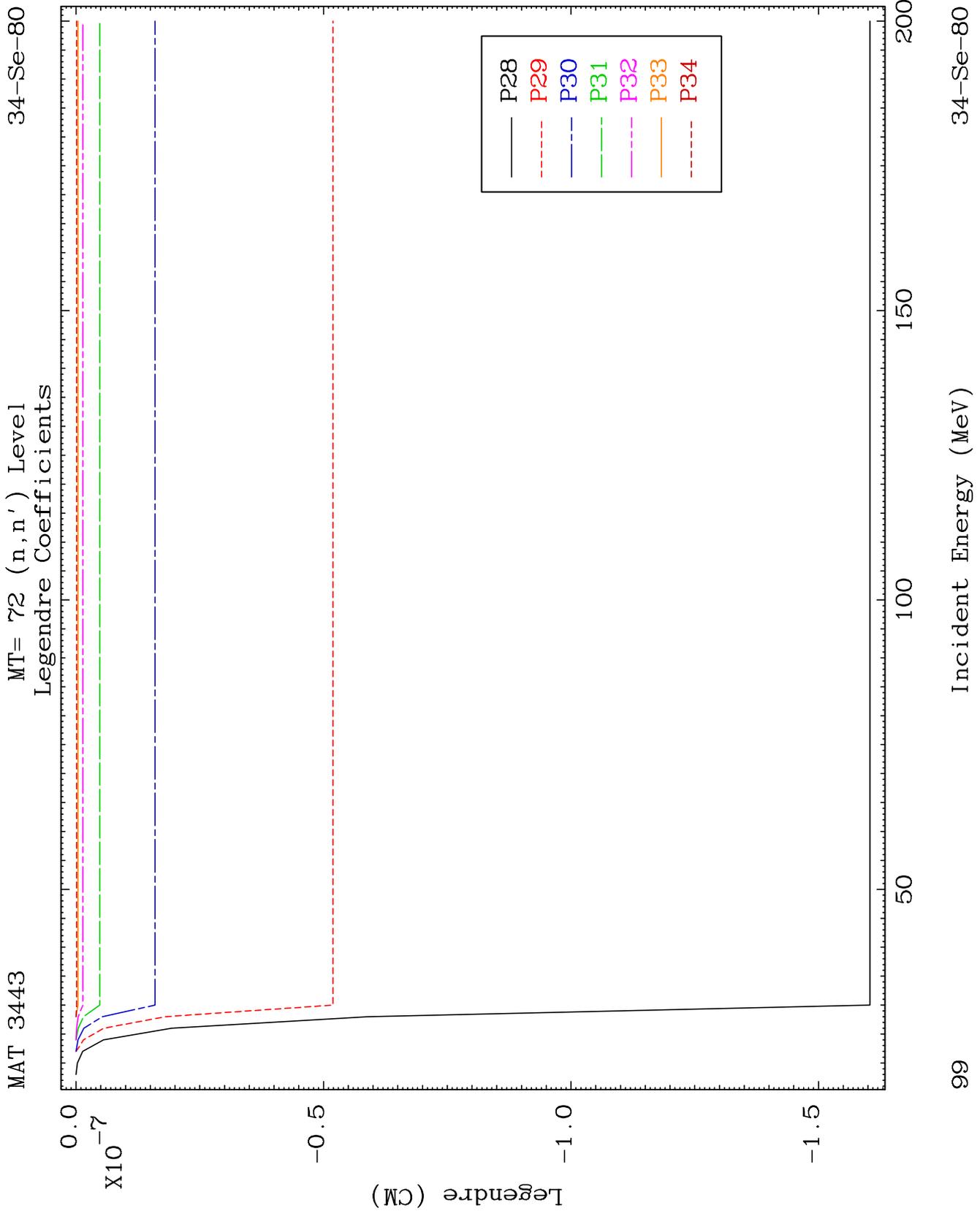


MAT 3443

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

34-Se-80

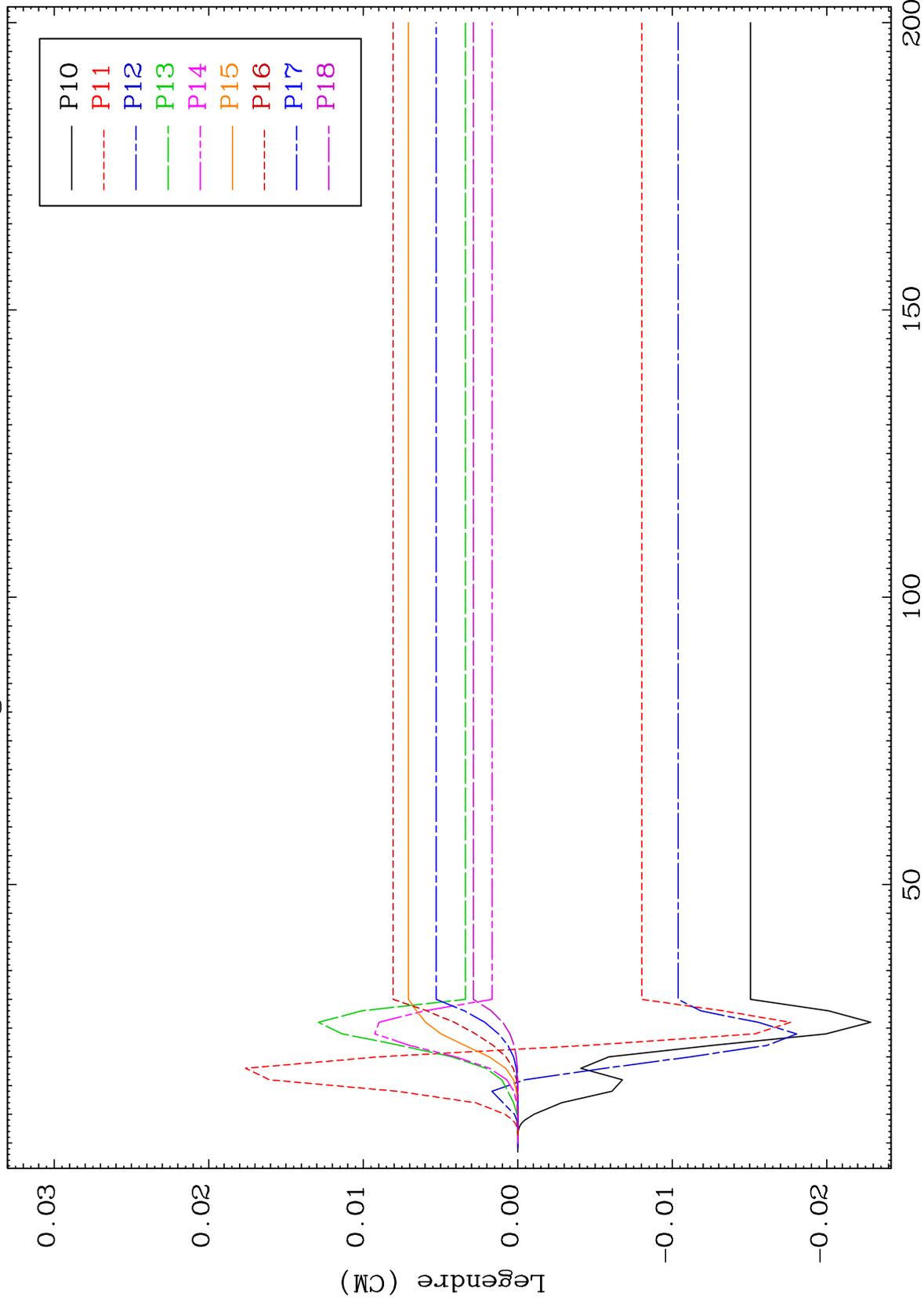




MAT 3443

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

³⁴Se-80



101

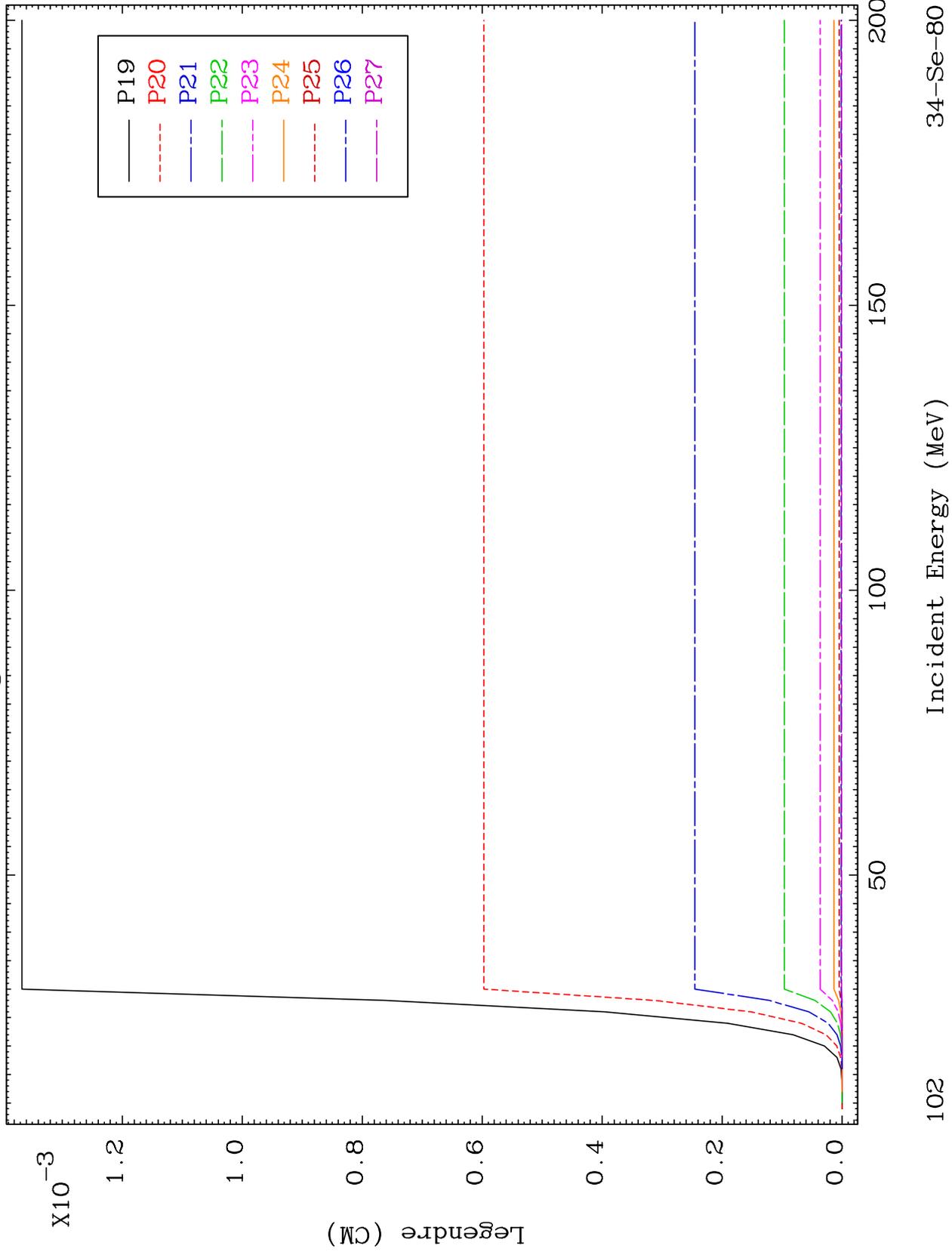
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



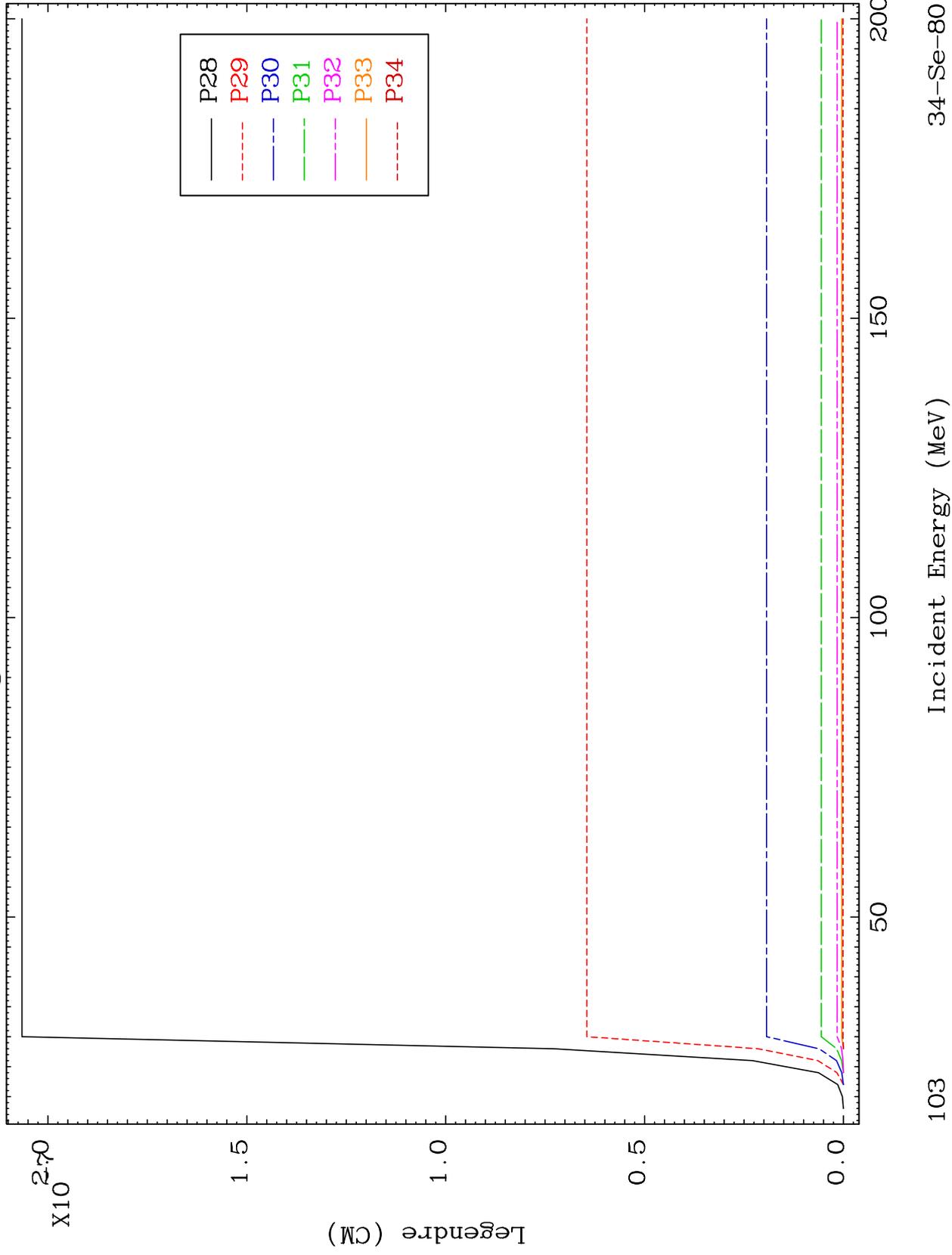
102

34-Se-80

MAT 3443

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

34-Se-80

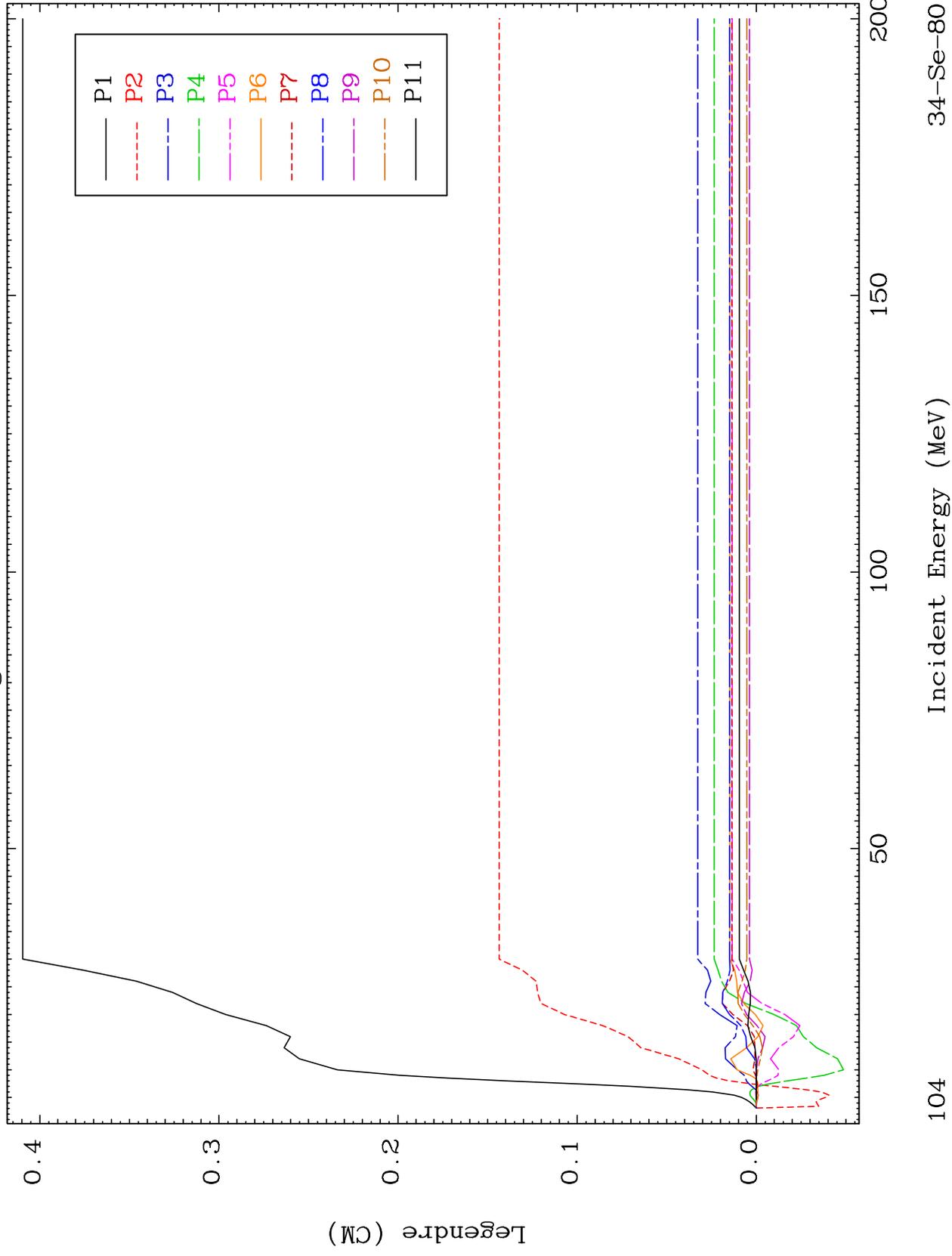


103

MAT 3443

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

³⁴Se-80



104

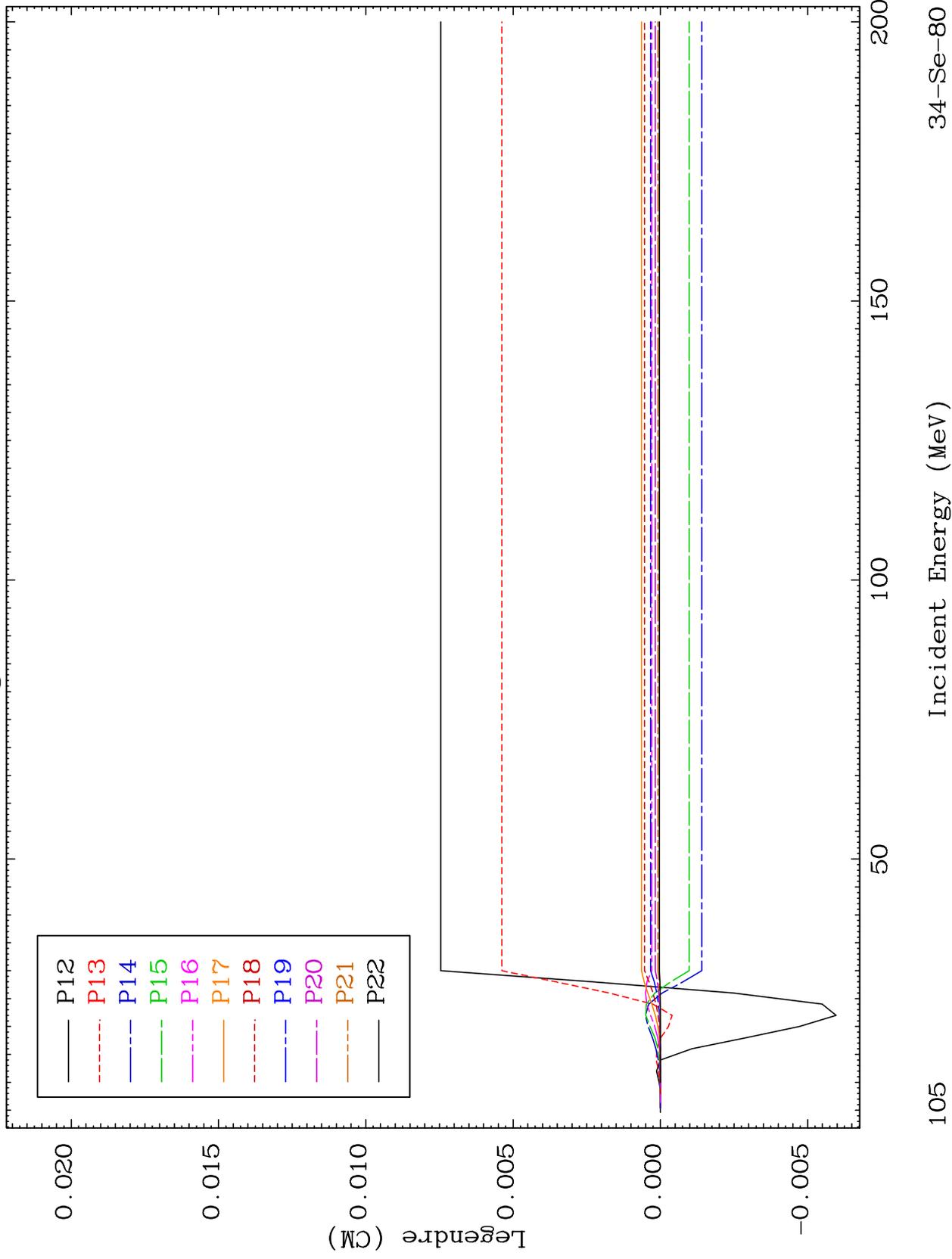
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



105

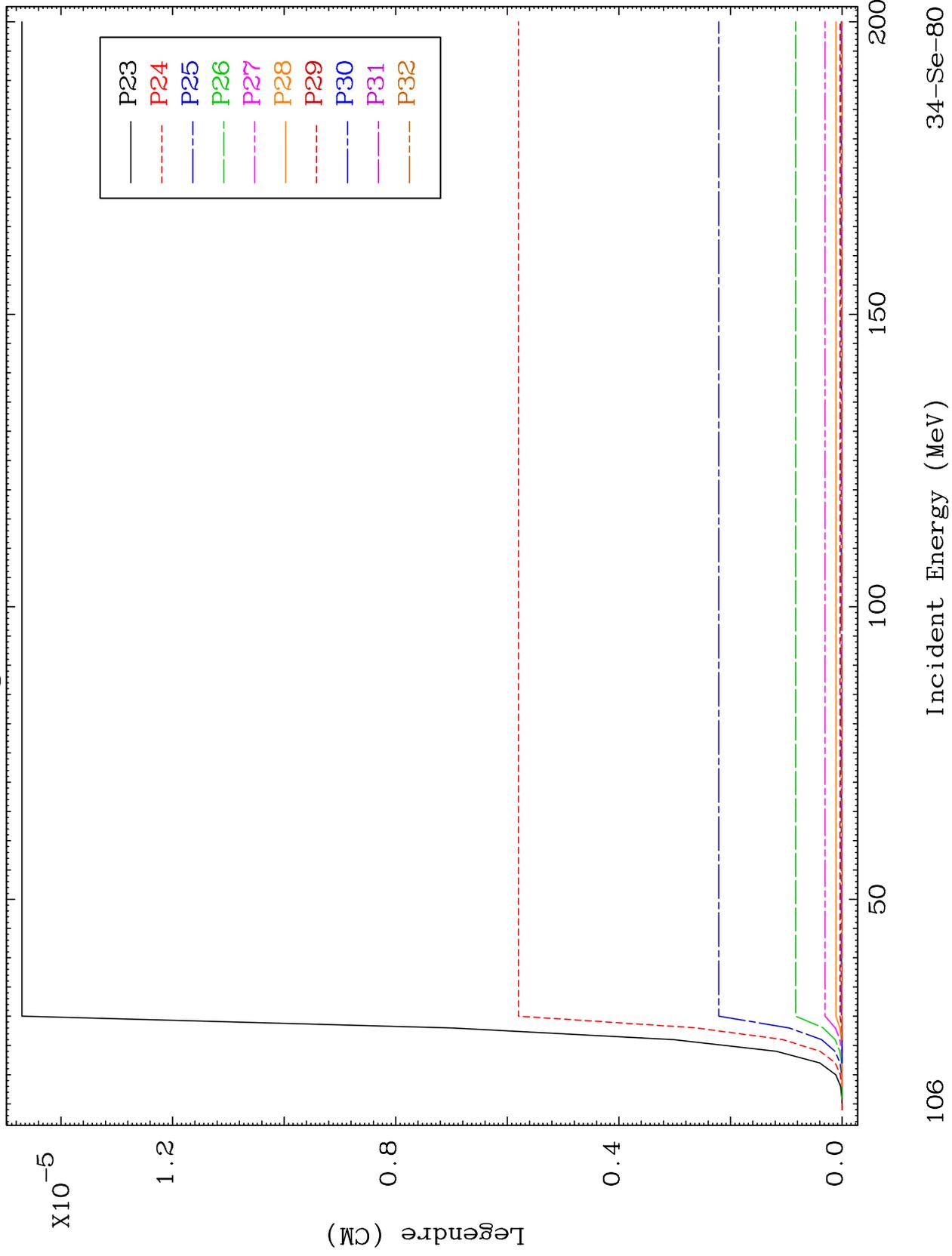
Incident Energy (MeV)

34-Se-80

MAT 3443

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

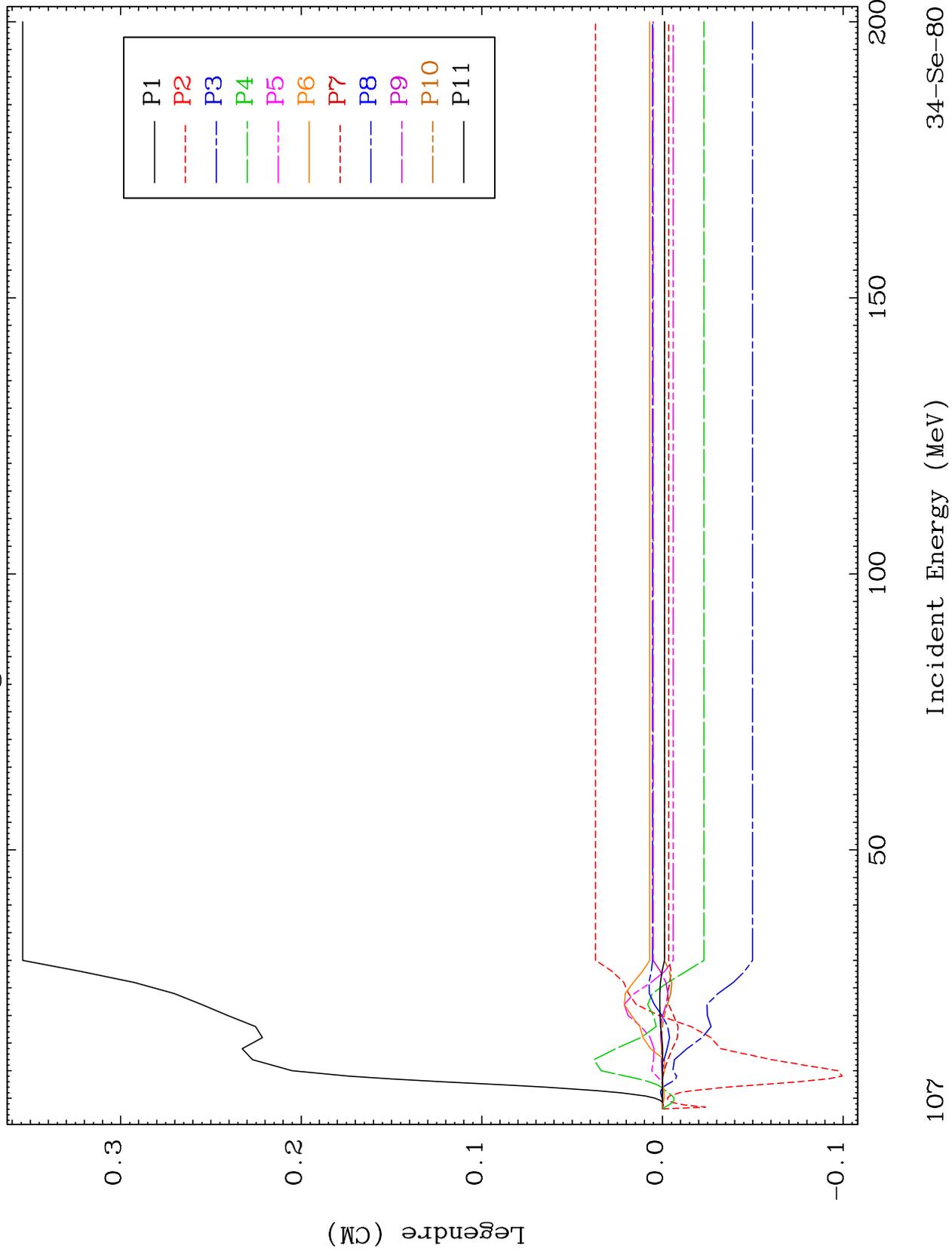
³⁴Se-80



MAT 3443

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

³⁴Se-80



107

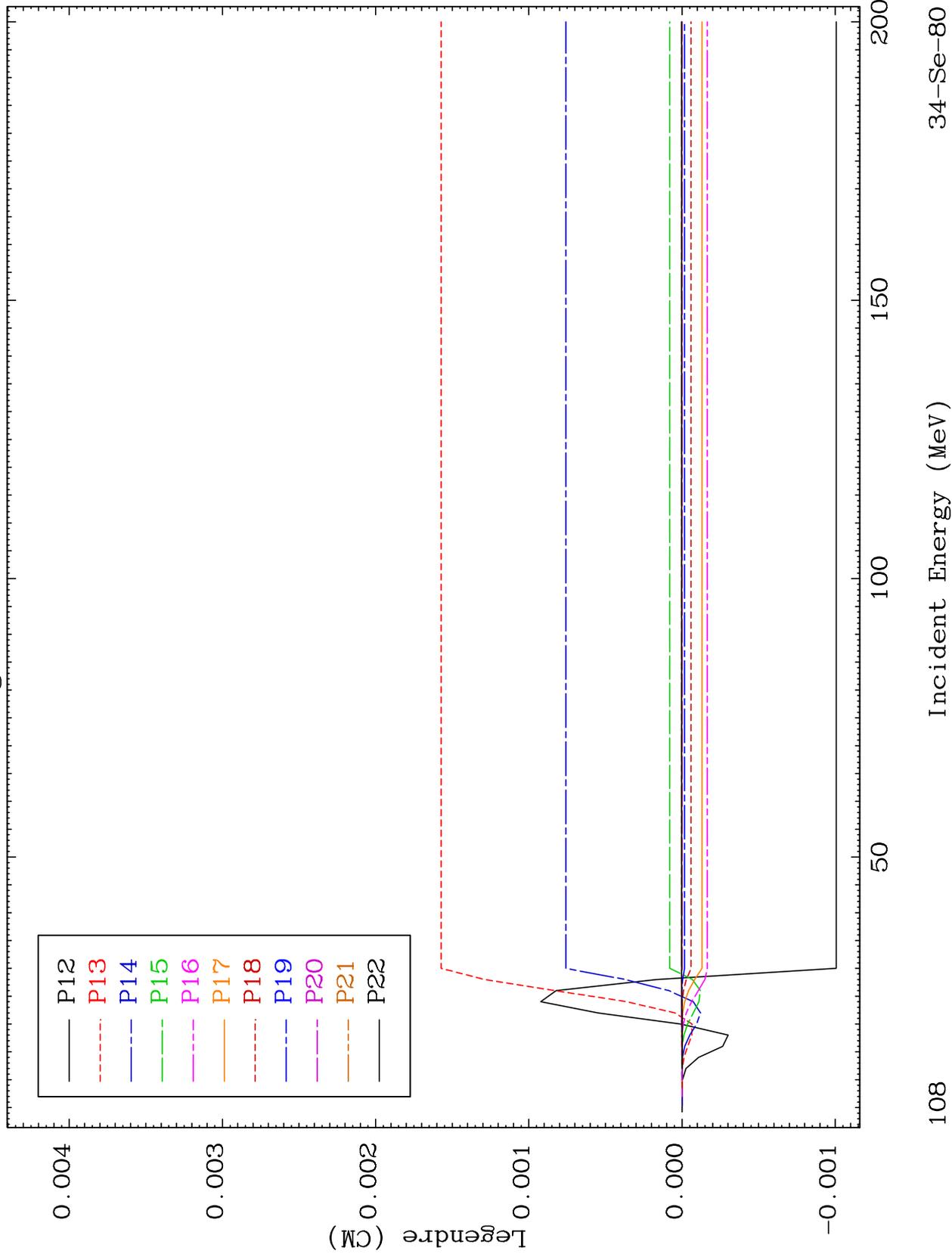
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



108

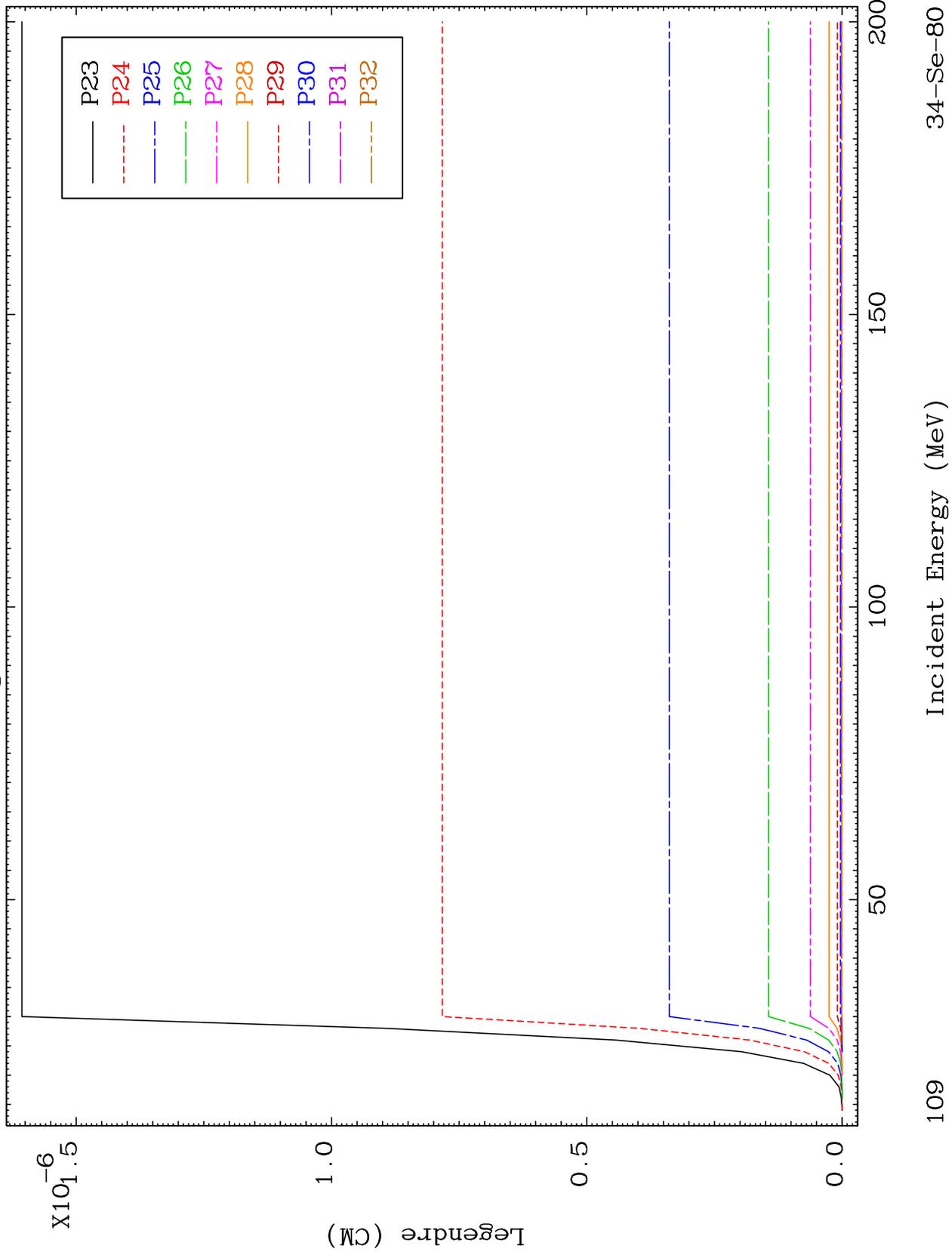
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



109

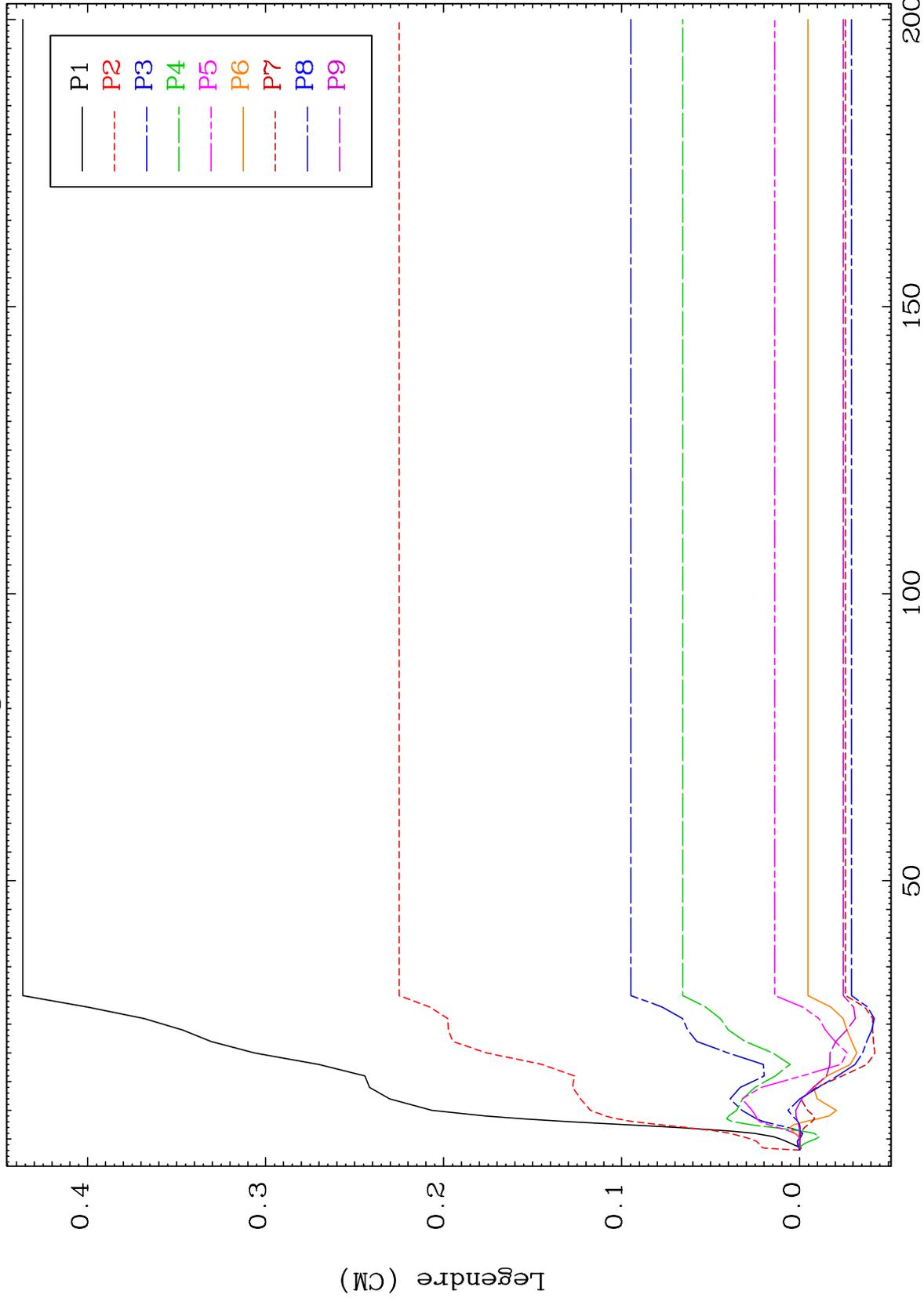
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



110

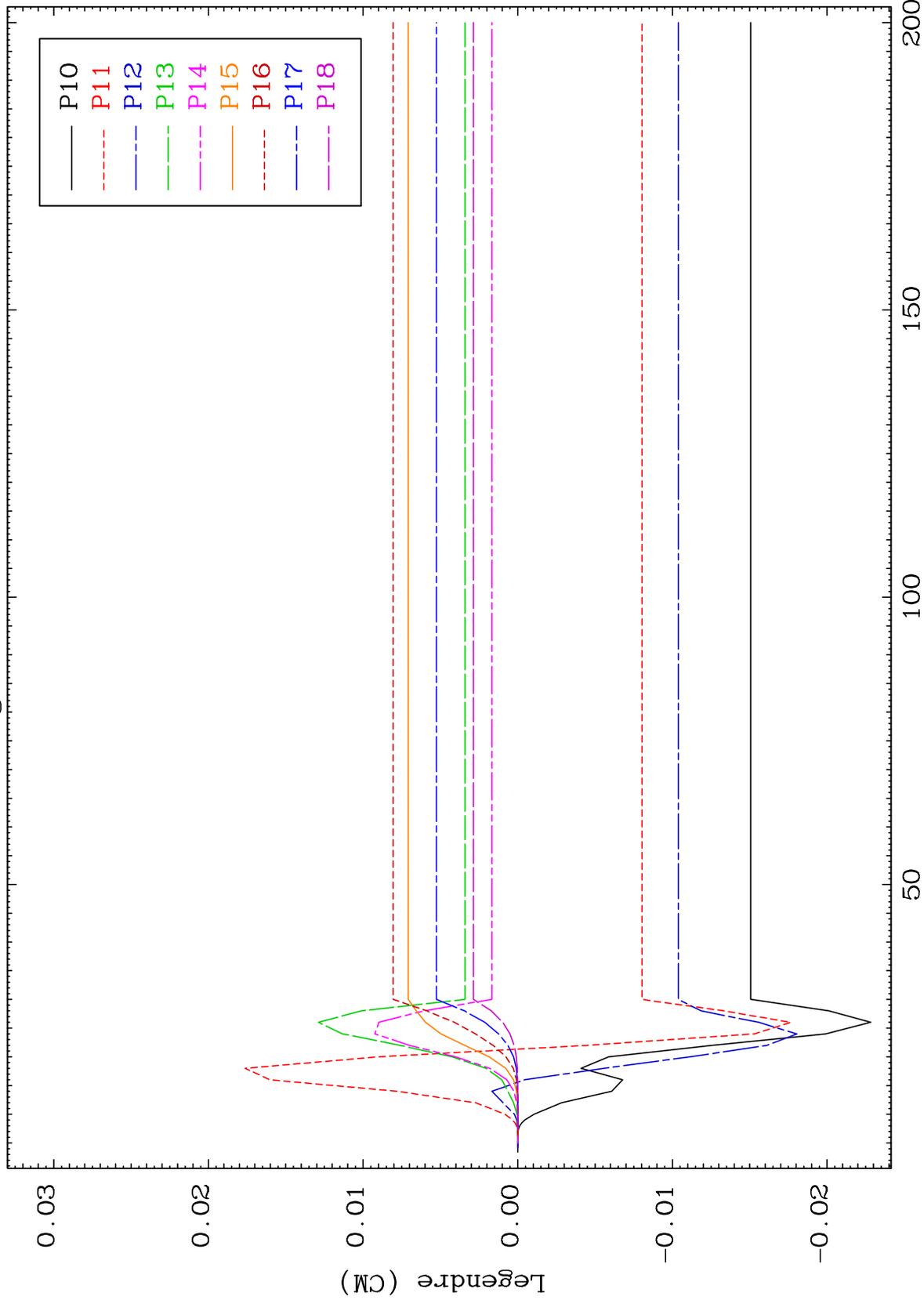
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



111

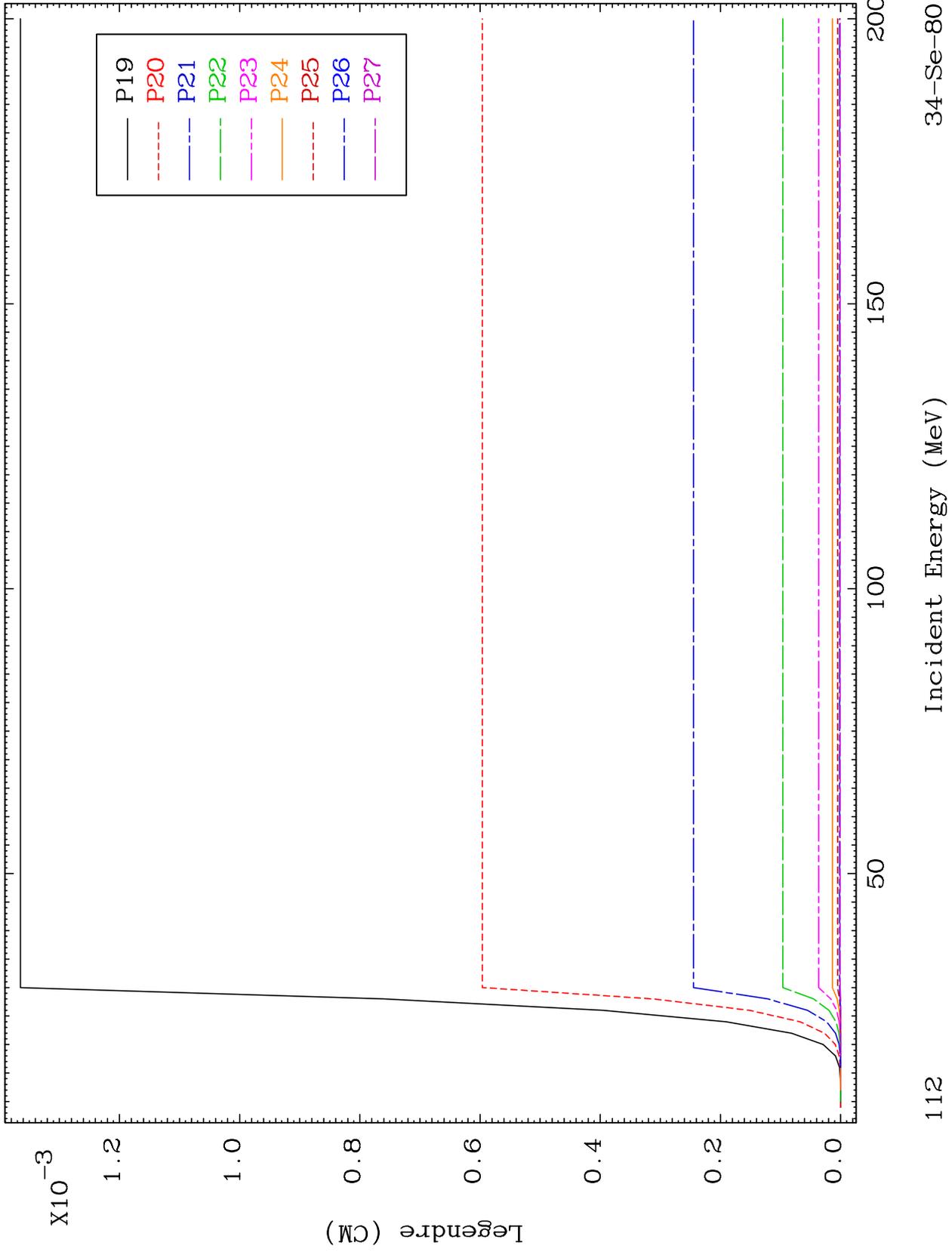
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

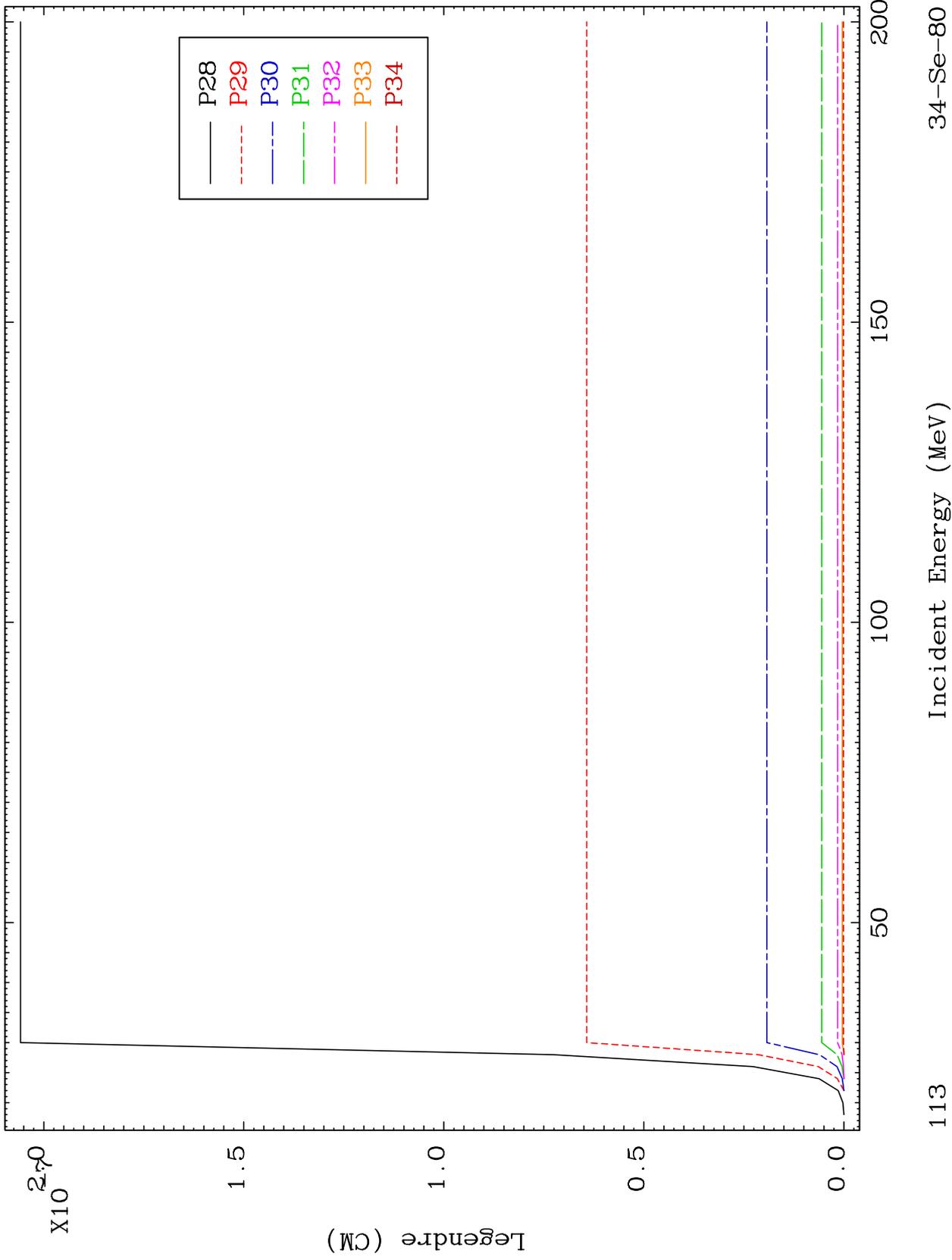
³⁴Se-80



MAT 3443

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

34-Se-80

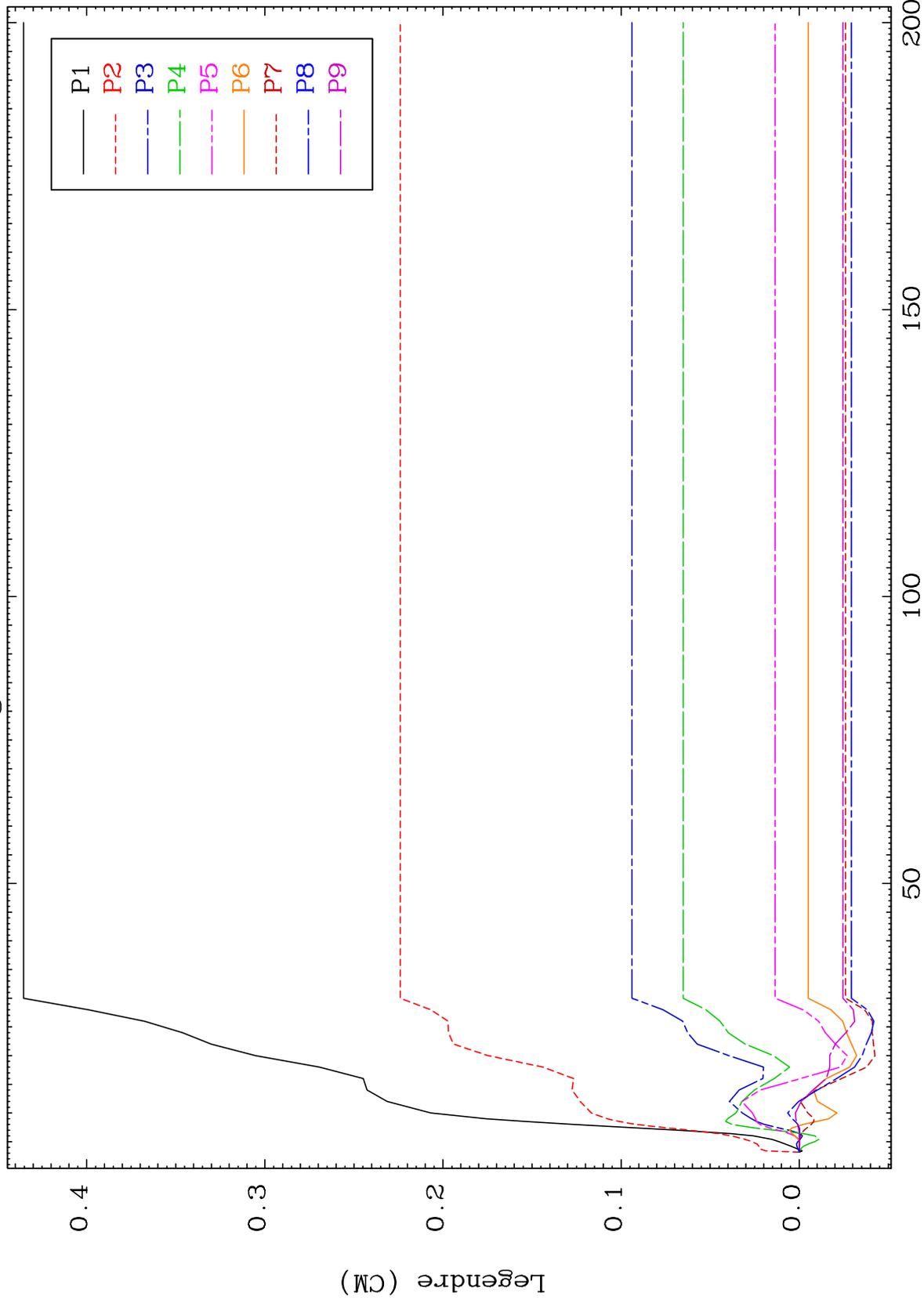


113

MAT 3443

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

³⁴Se-80



114

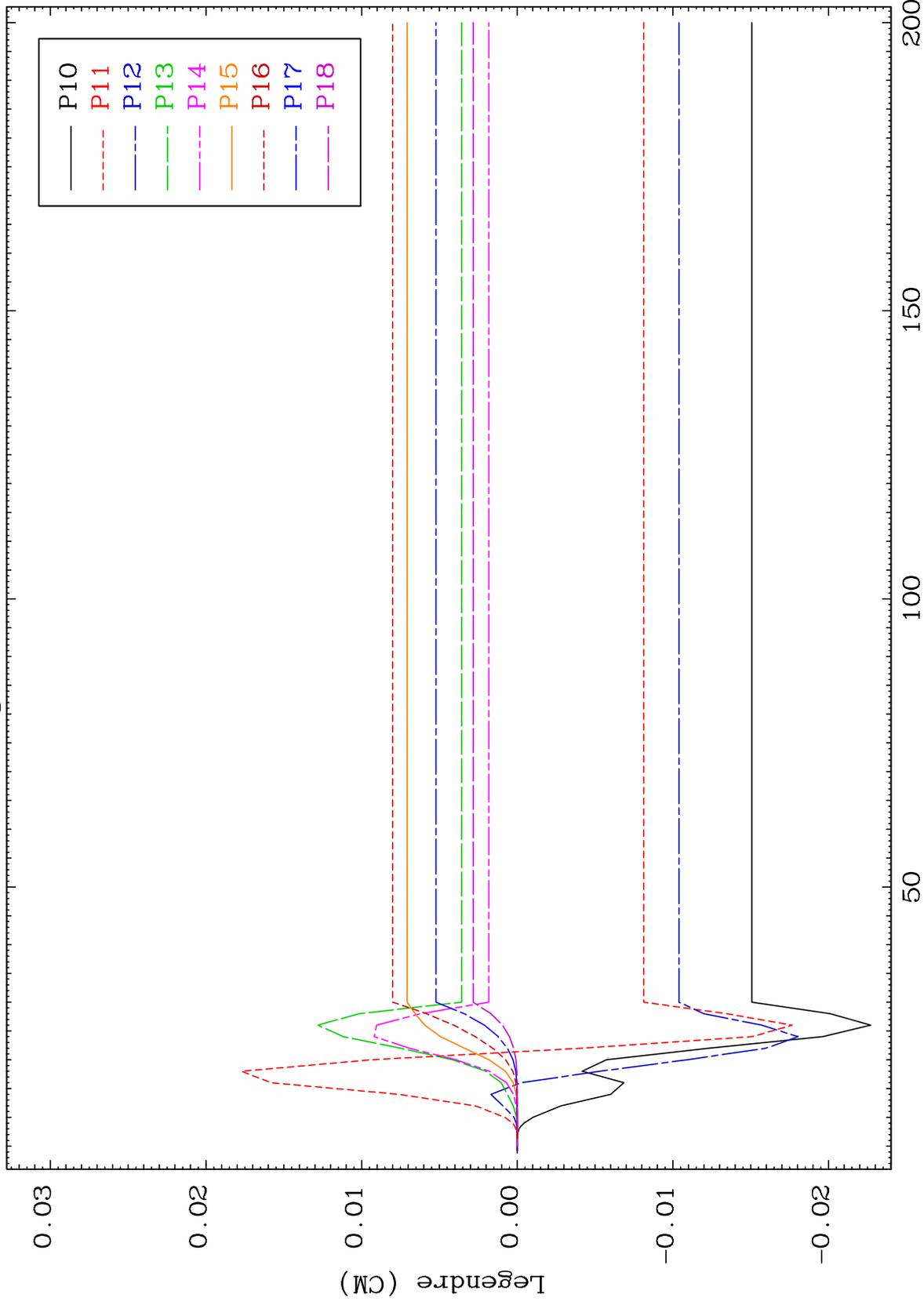
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



115

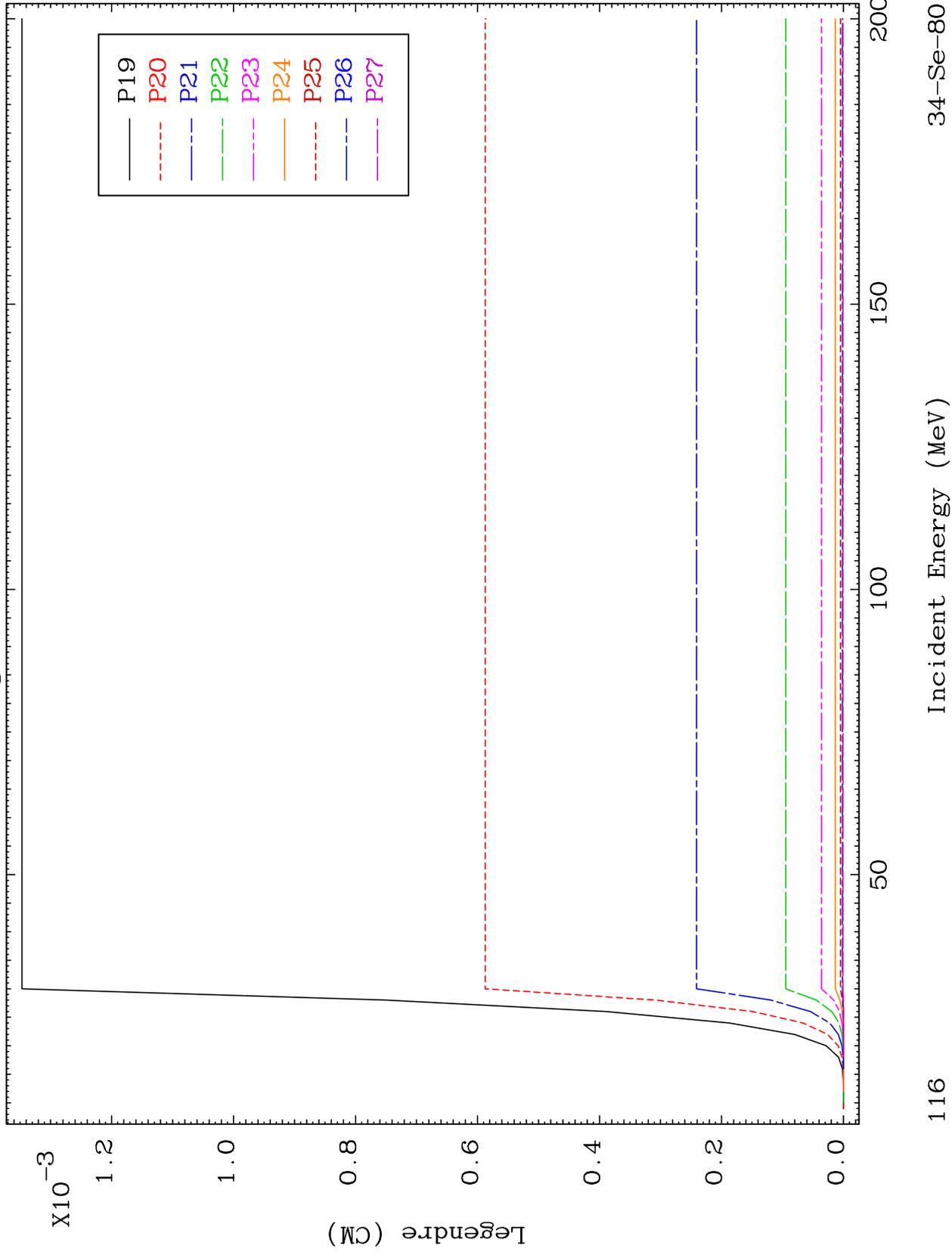
Incident Energy (MeV)

34-Se-80

MAT 3443

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

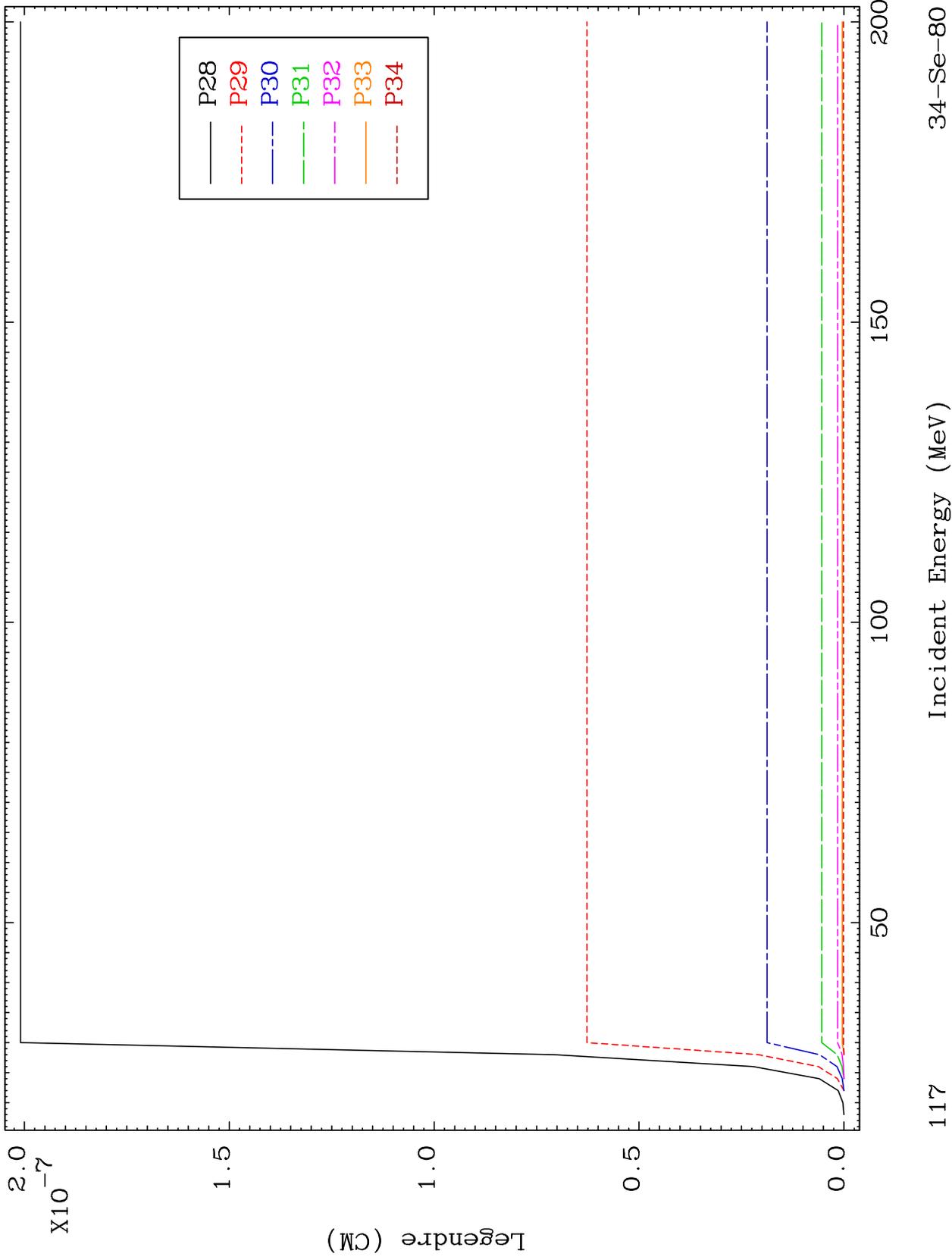
34-Se-80



MAT 3443

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

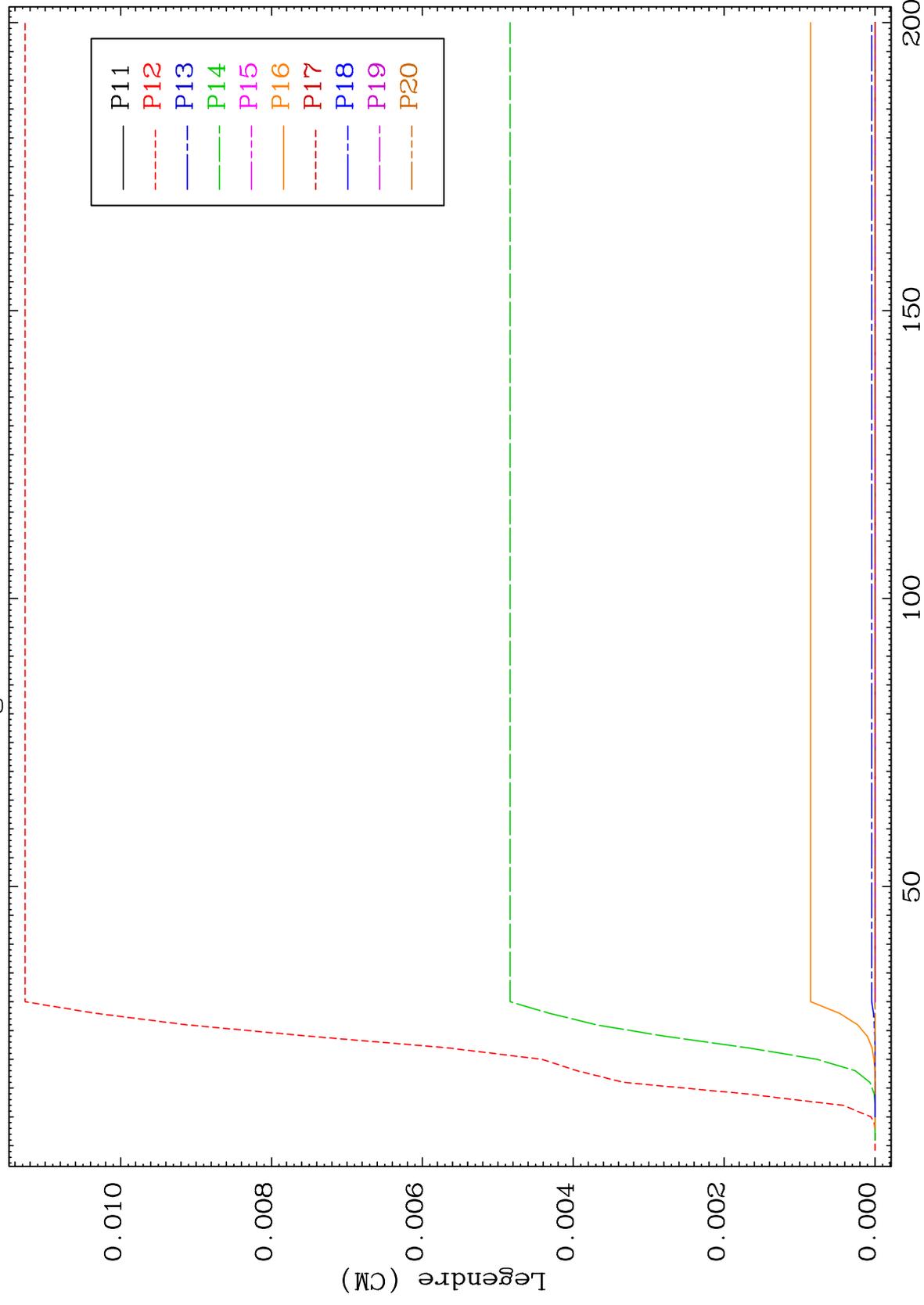
34-Se-80



MAT 3443

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

34-Se-80



119

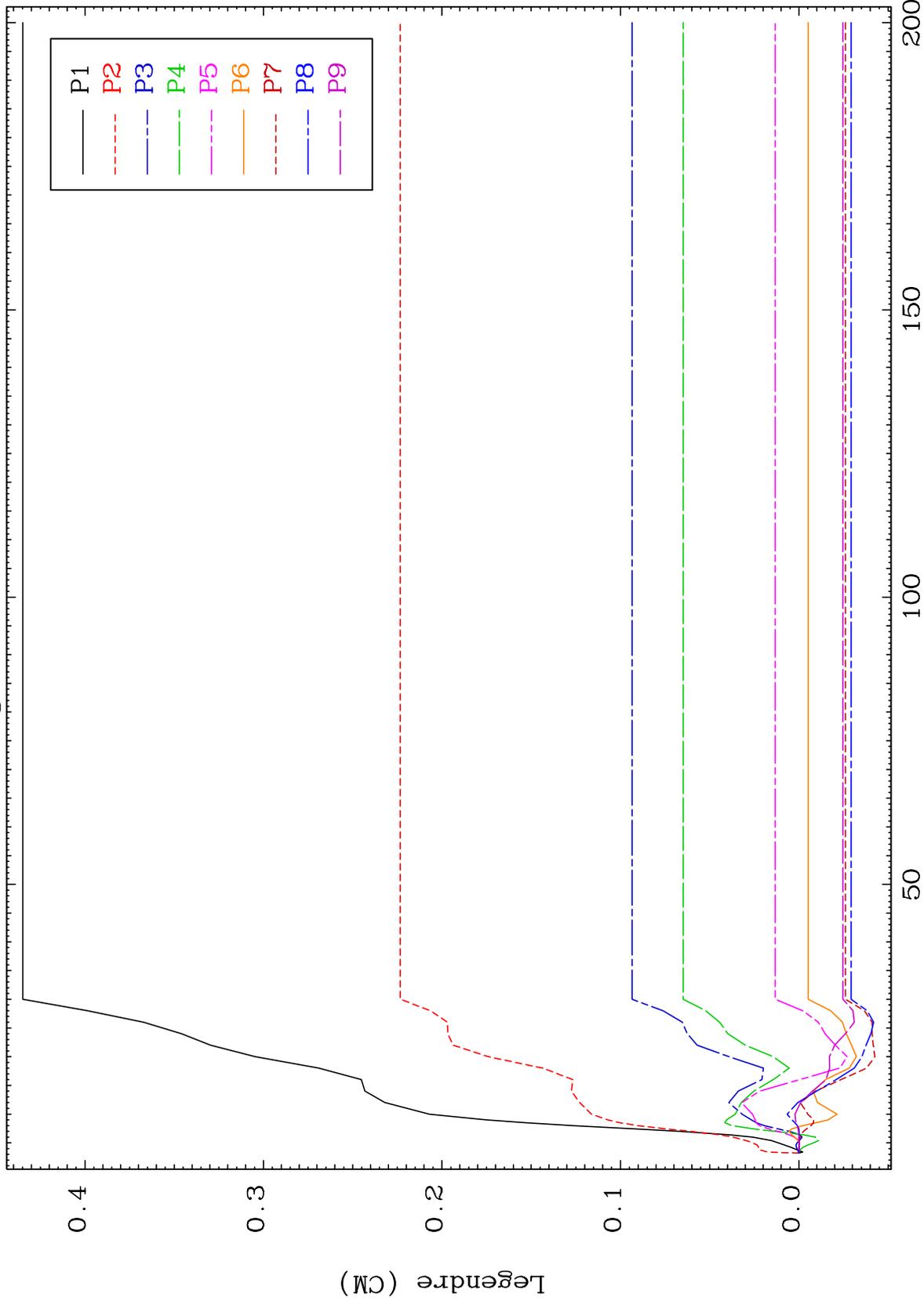
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



121

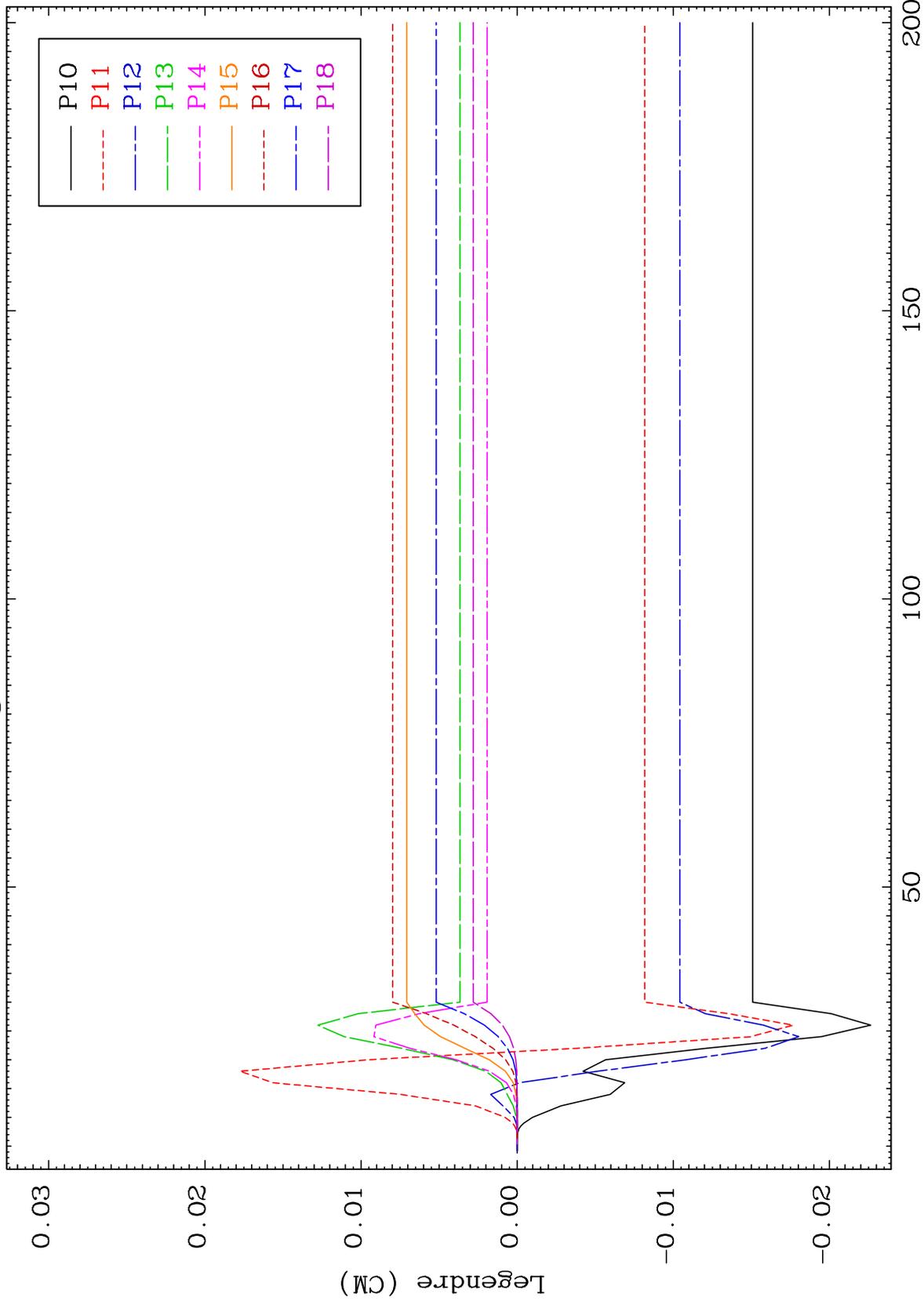
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



122

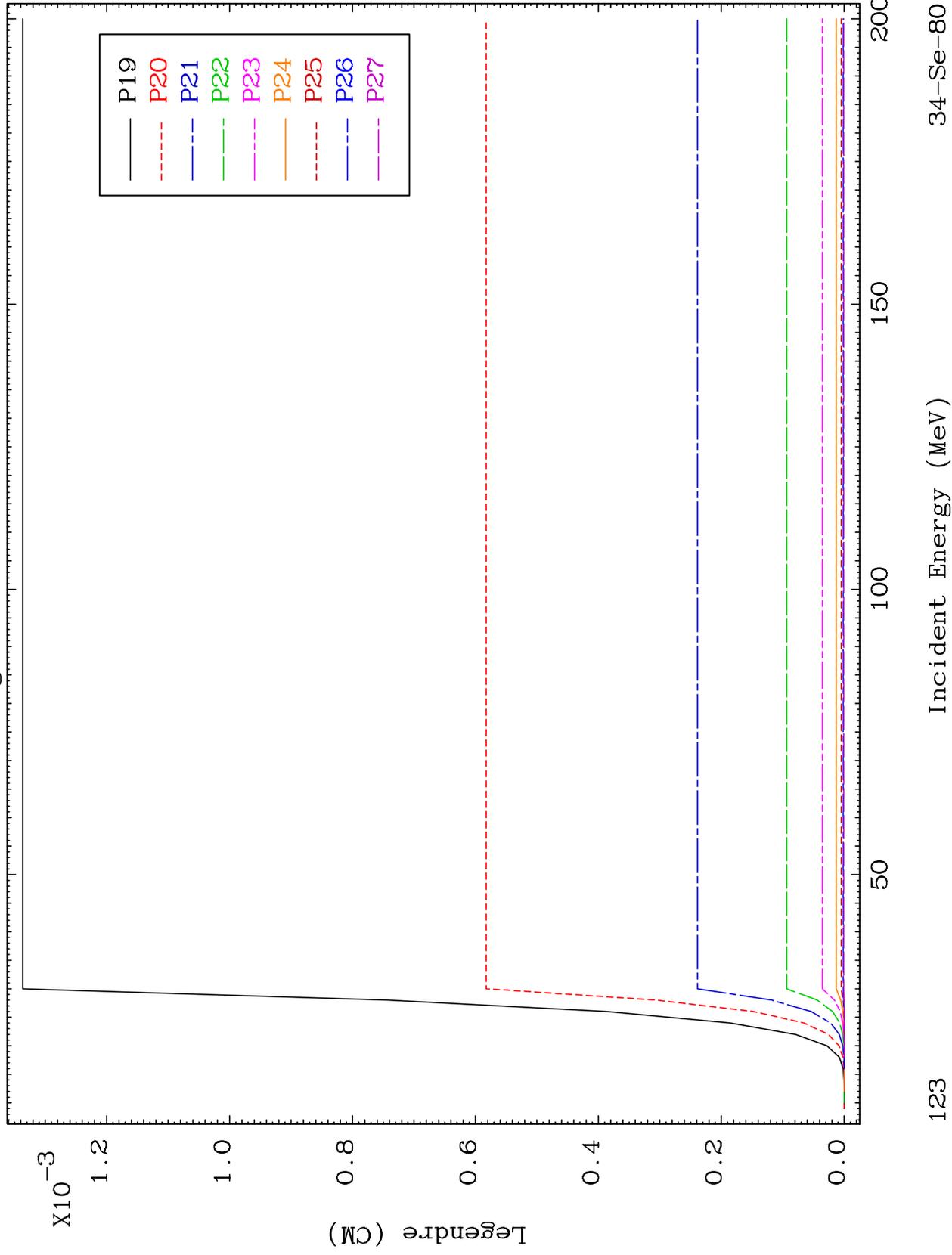
Incident Energy (MeV)

³⁴Se-80

MAT 3443

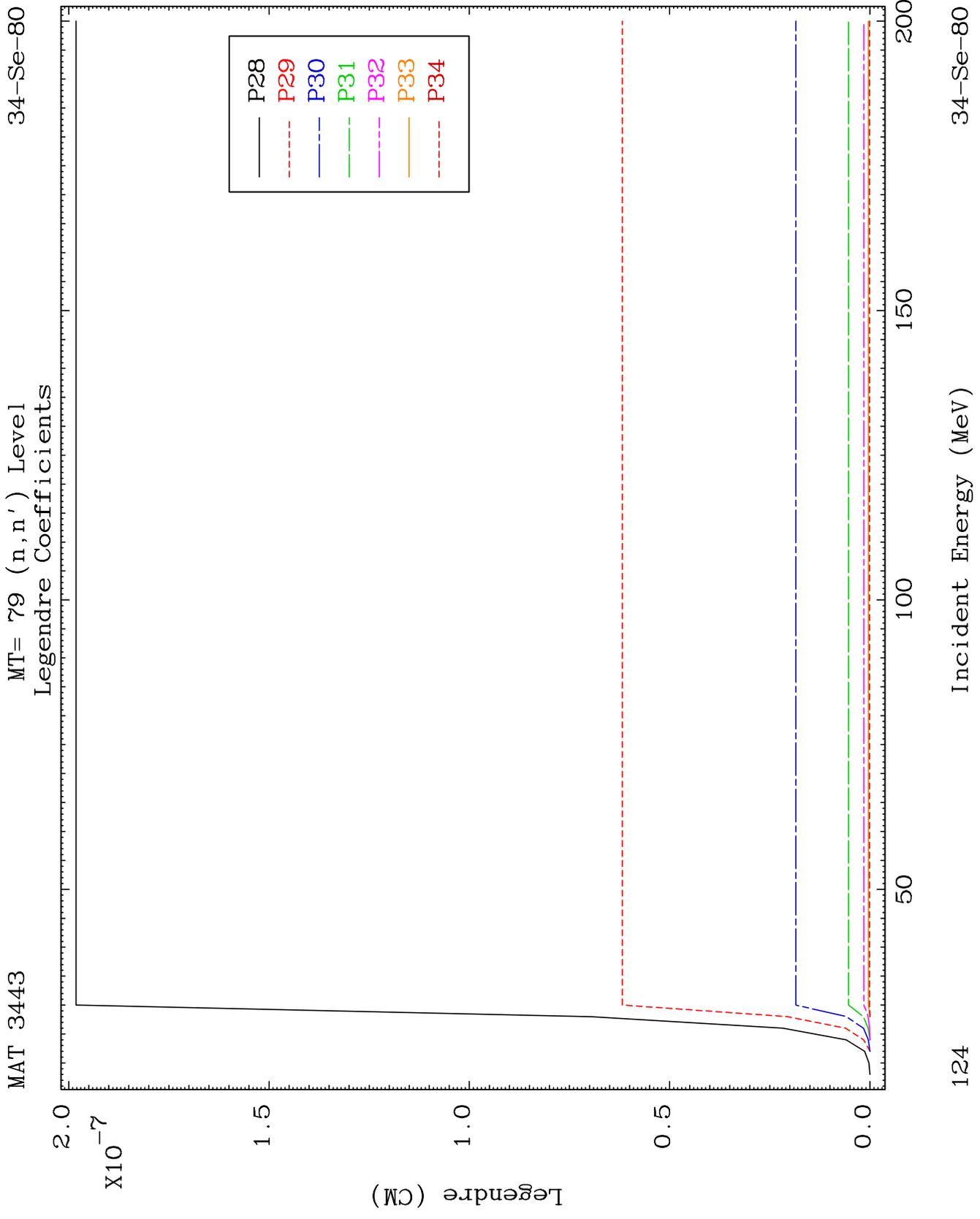
MT= 79 (n,n') Level
Legendre Coefficients

34-Se-80



123

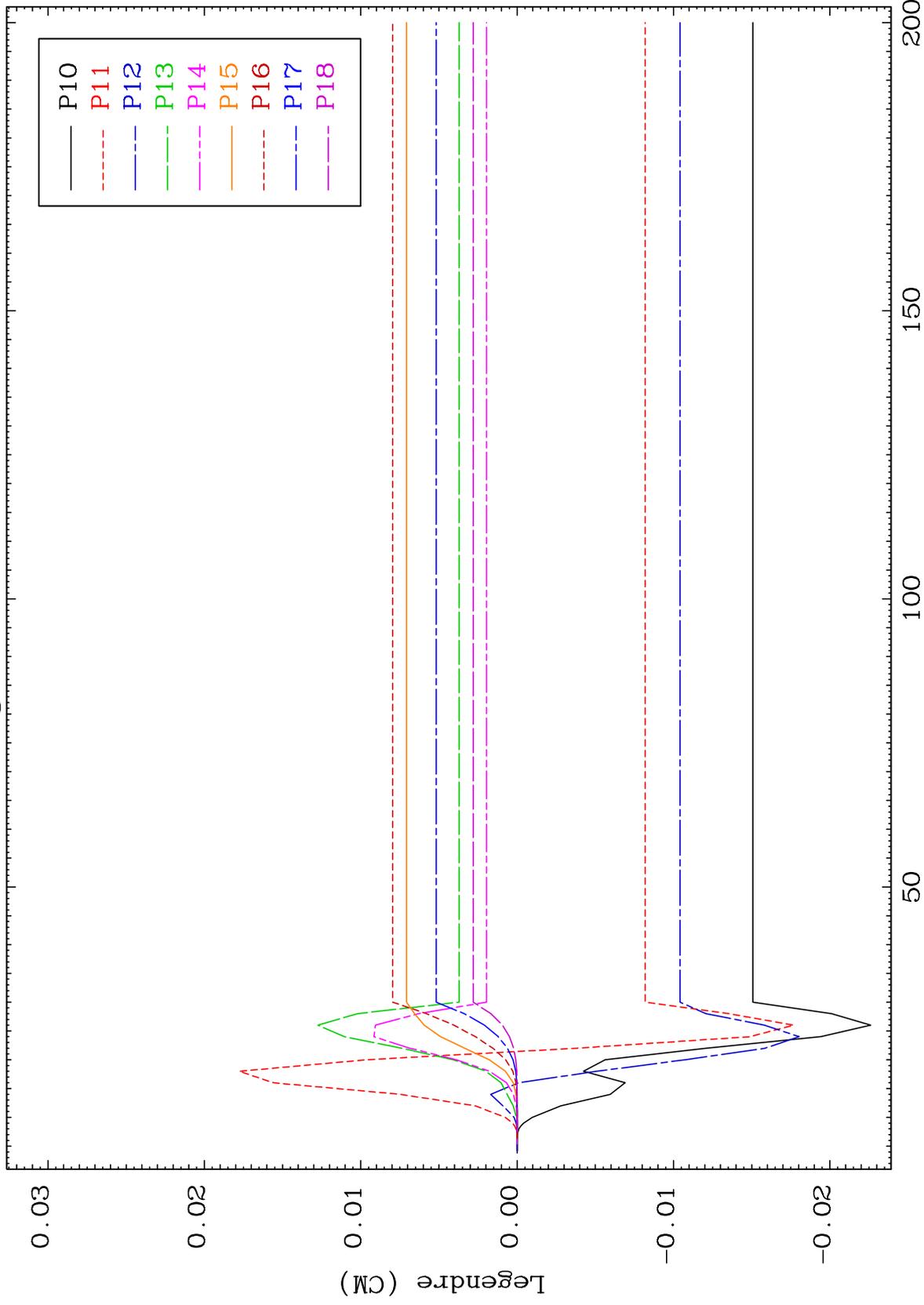
34-Se-80



MAT 3443

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

³⁴Se-80



126

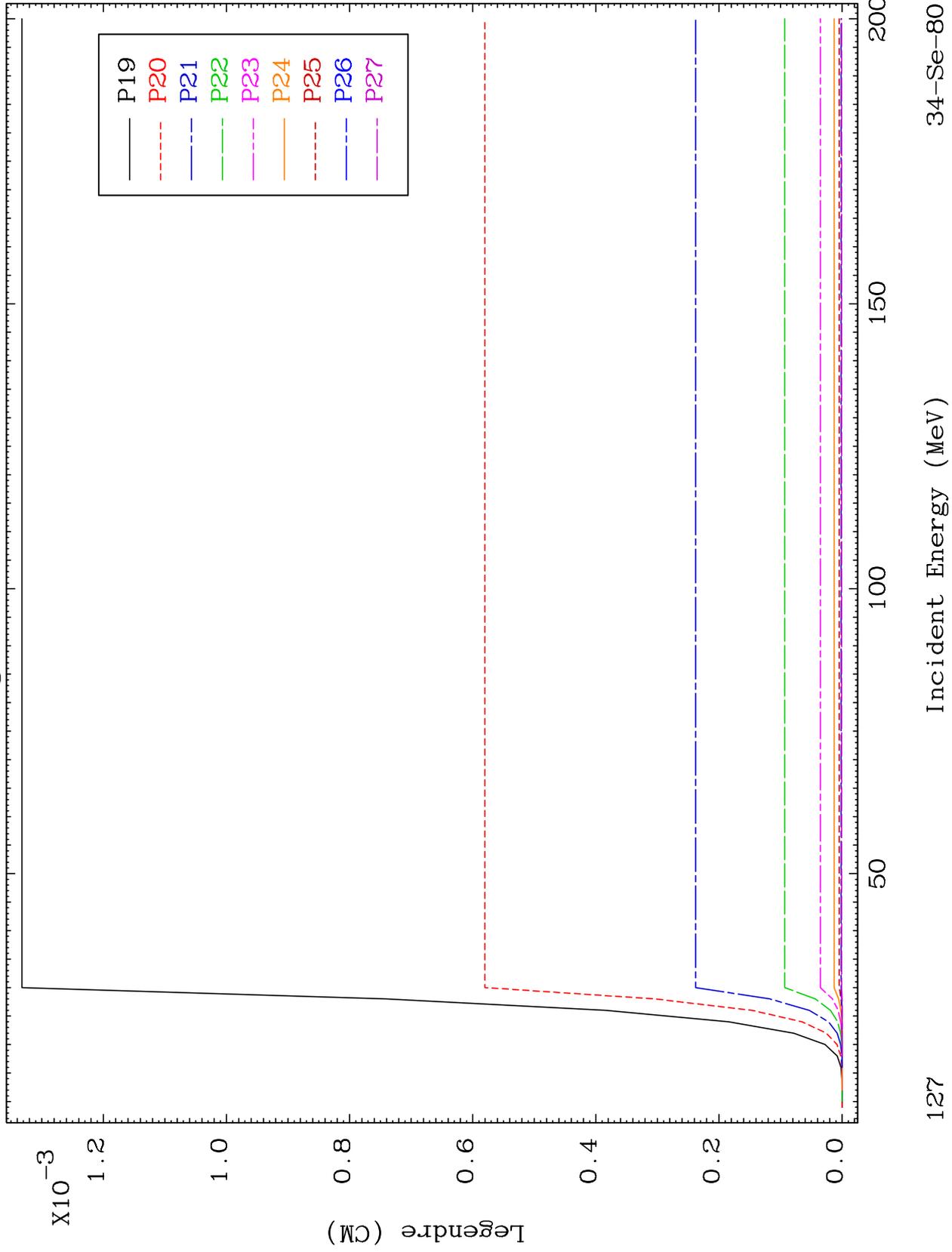
Incident Energy (MeV)

³⁴Se-80

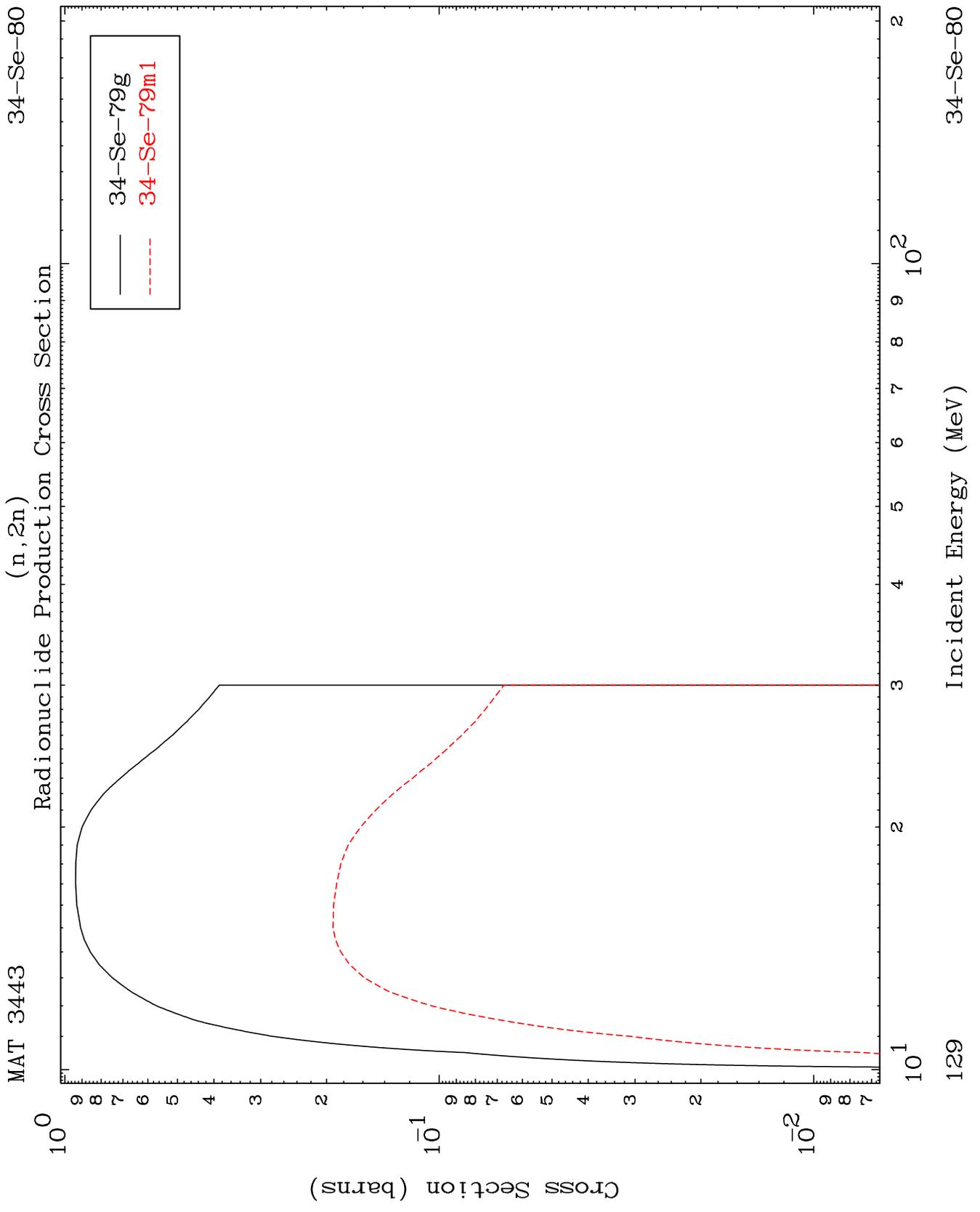
MAT 3443

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

34-Se-80



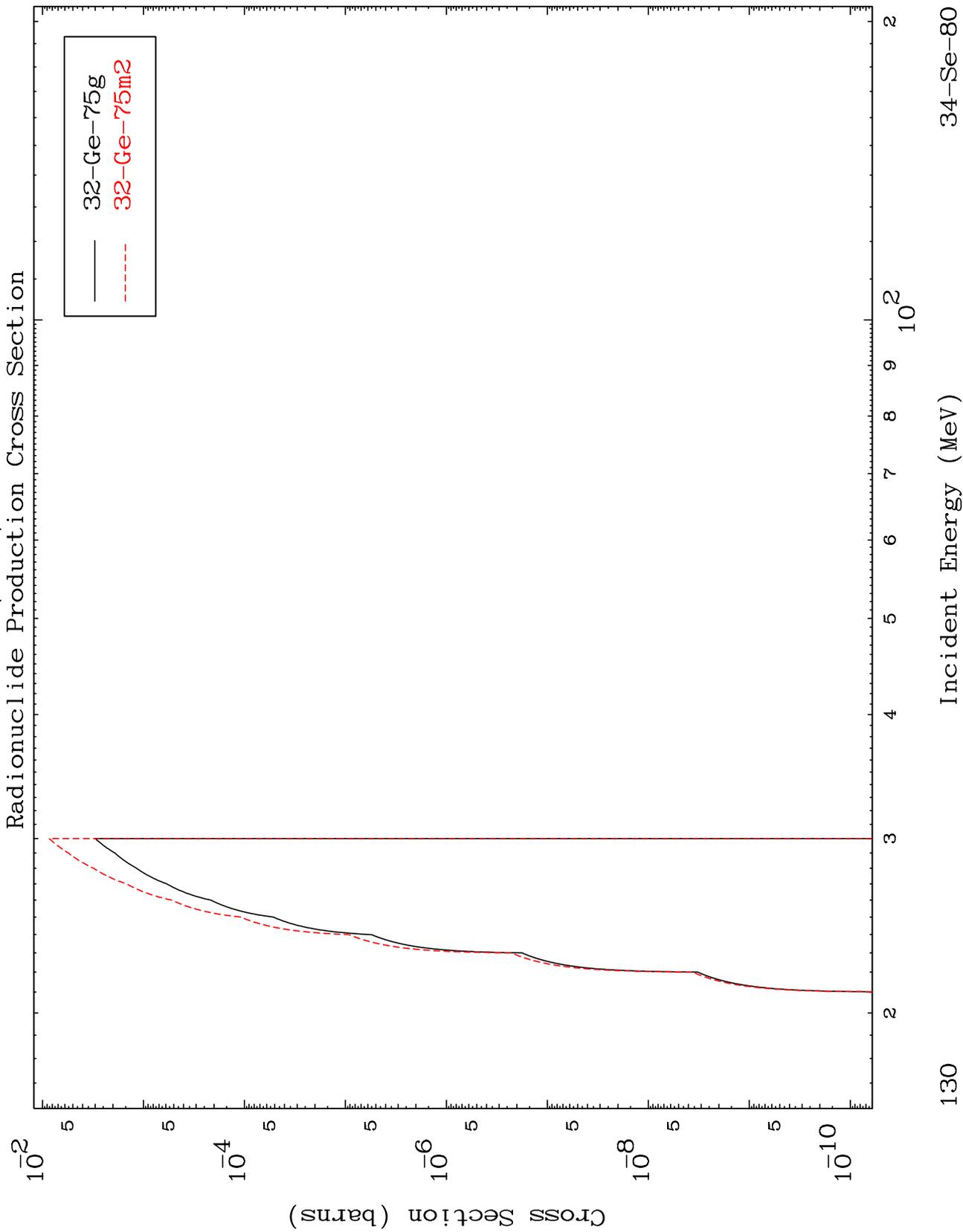
127



MAT 3443

(n,2n) α

34-^{Se-80}



130

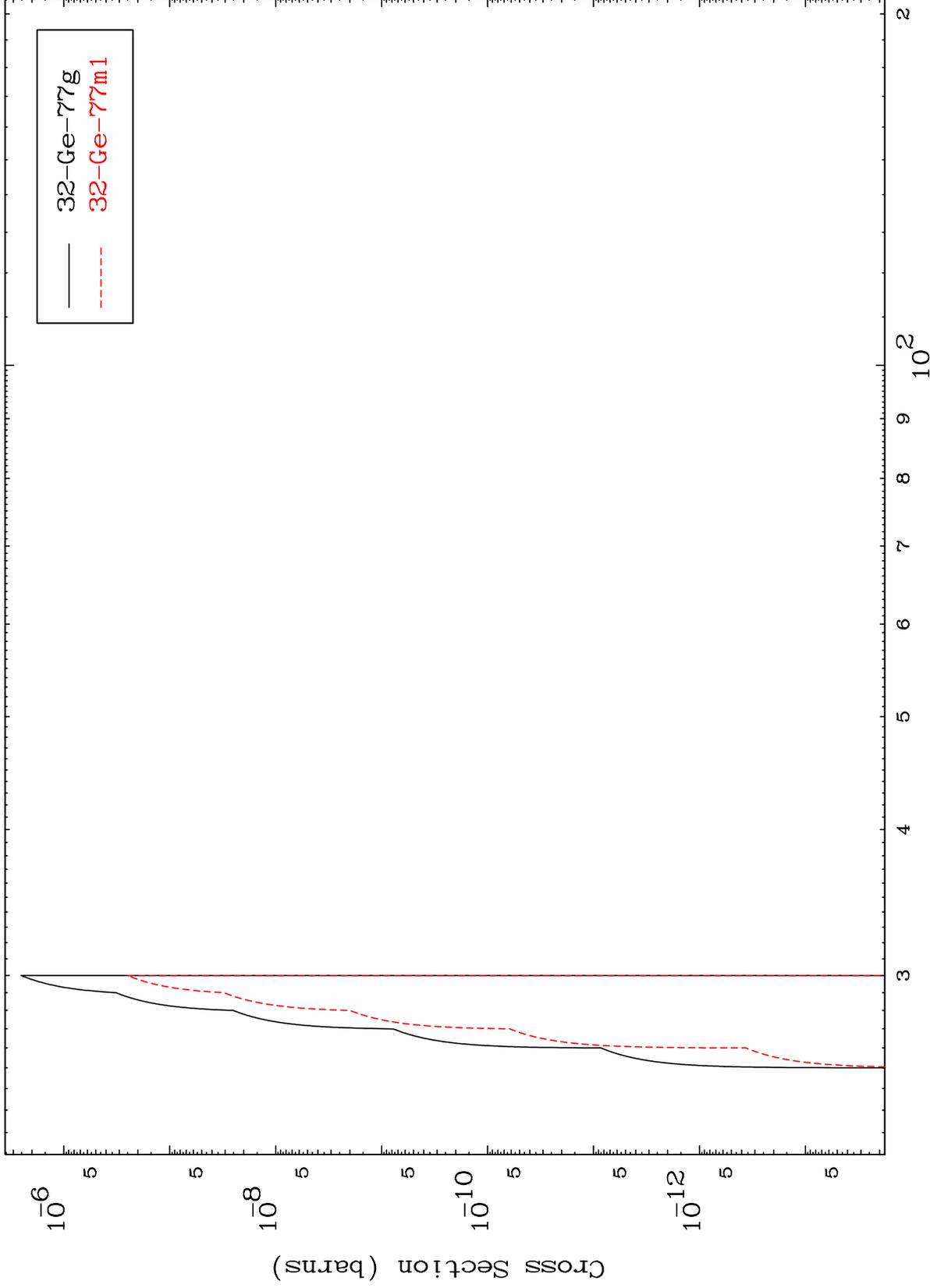
34-^{Se-80}

MAT 3443

(n,n') He-3

34-Se-80

Radionuclide Production Cross Section



131

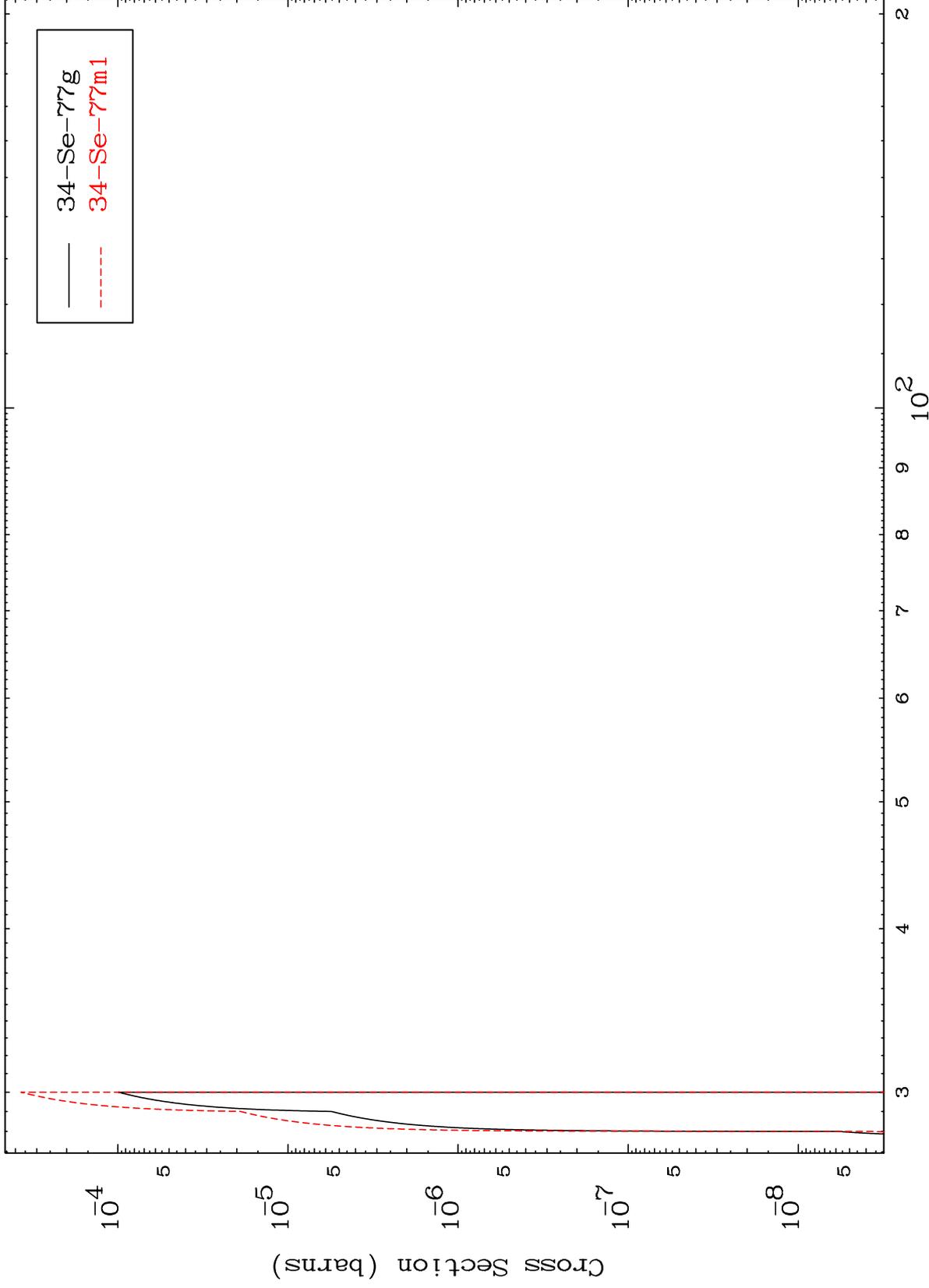
34-Se-80

MAT 3443

(n,4n)

³⁴Se-80

Radionuclide Production Cross Section



132

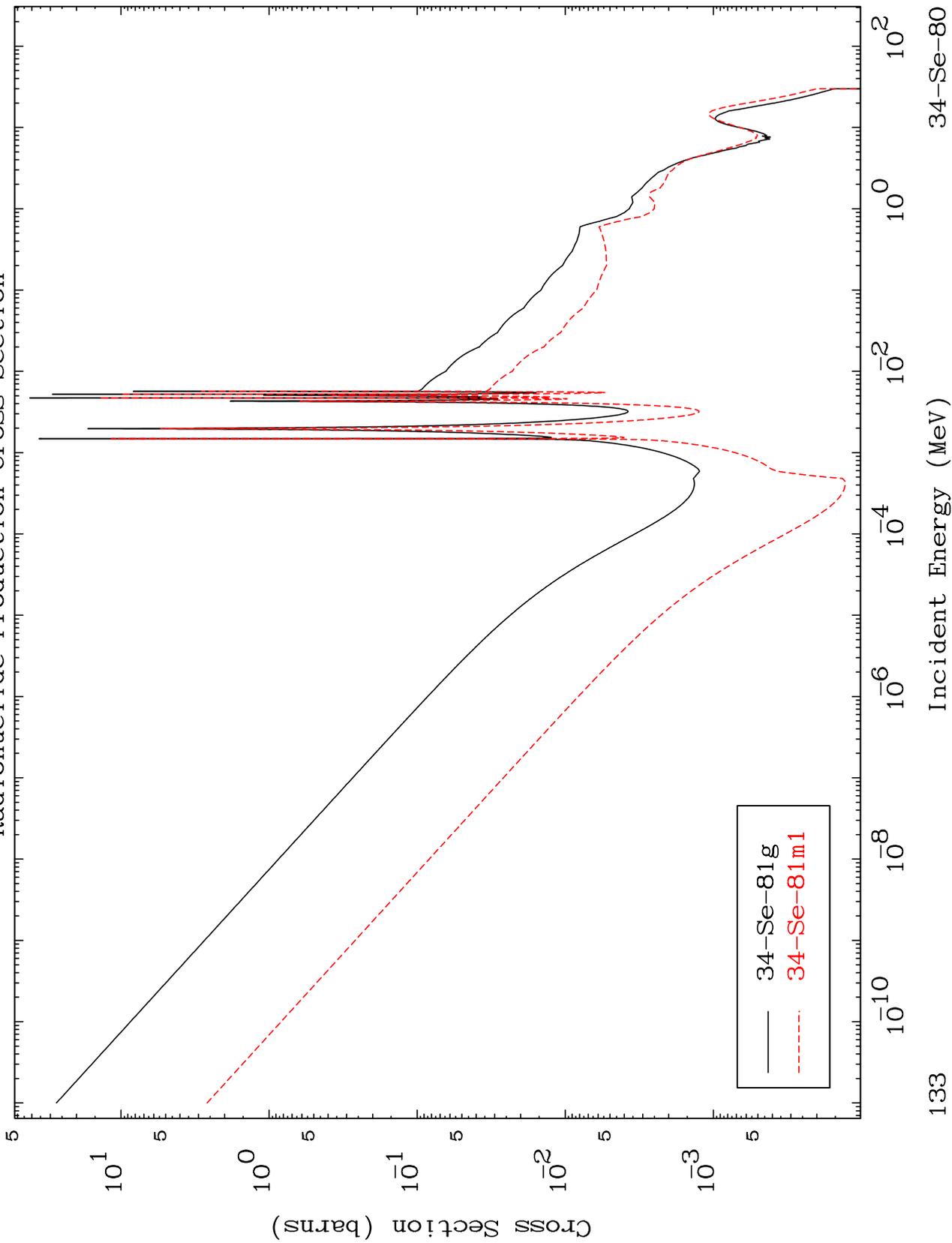
Incident Energy (MeV)

³⁴Se-80

MAT 3443

³⁴Se-80

(n,γ)
Radionuclide Production Cross Section



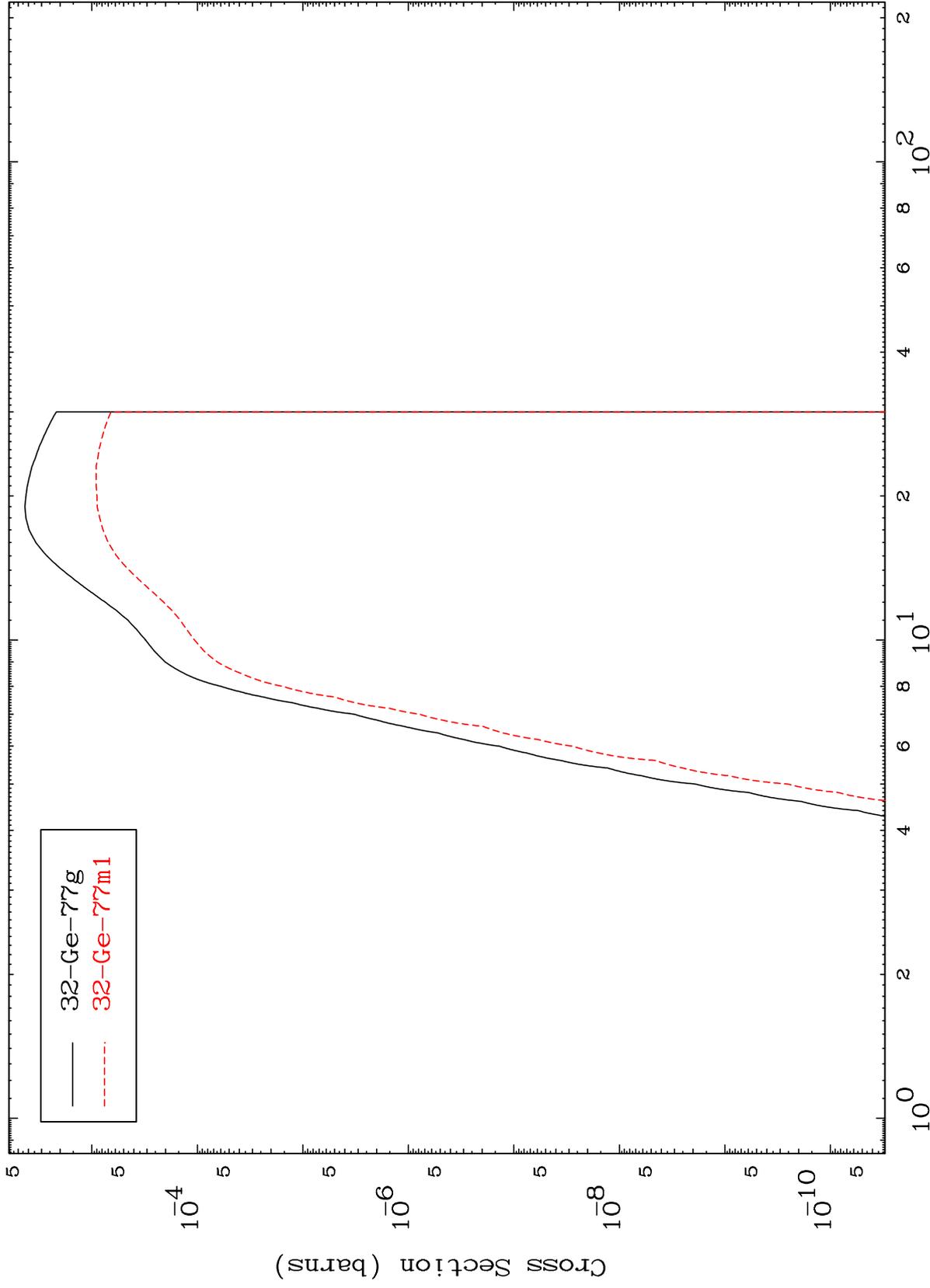
133

³⁴Se-80

MAT 3443

³⁴Se-80

Radionuclide Production Cross Section



Incident Energy (MeV)

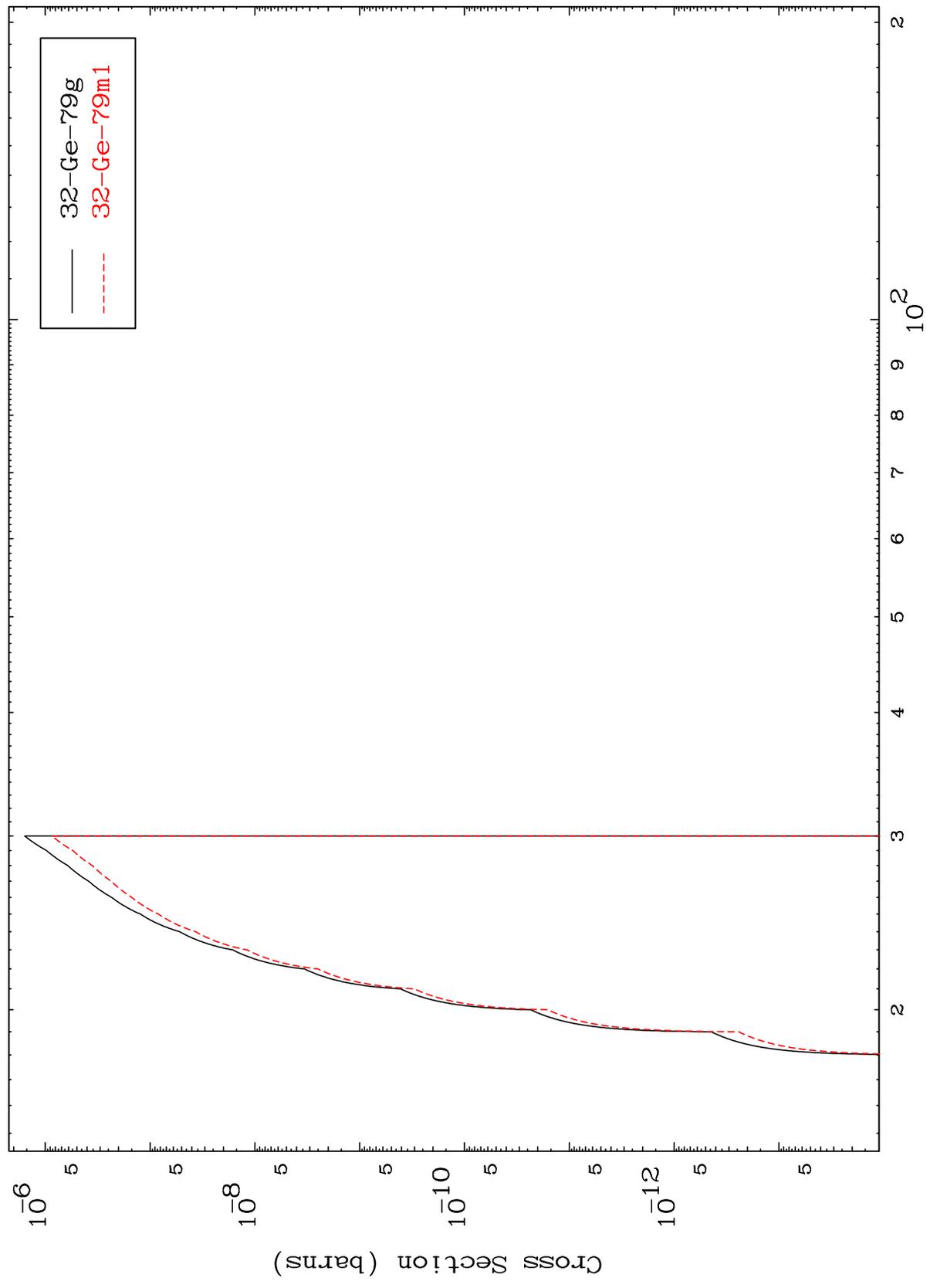
³⁴Se-80

134

MAT 3443

34-^{Se-80}

(n,2p)
Radionuclide Production Cross Section



135

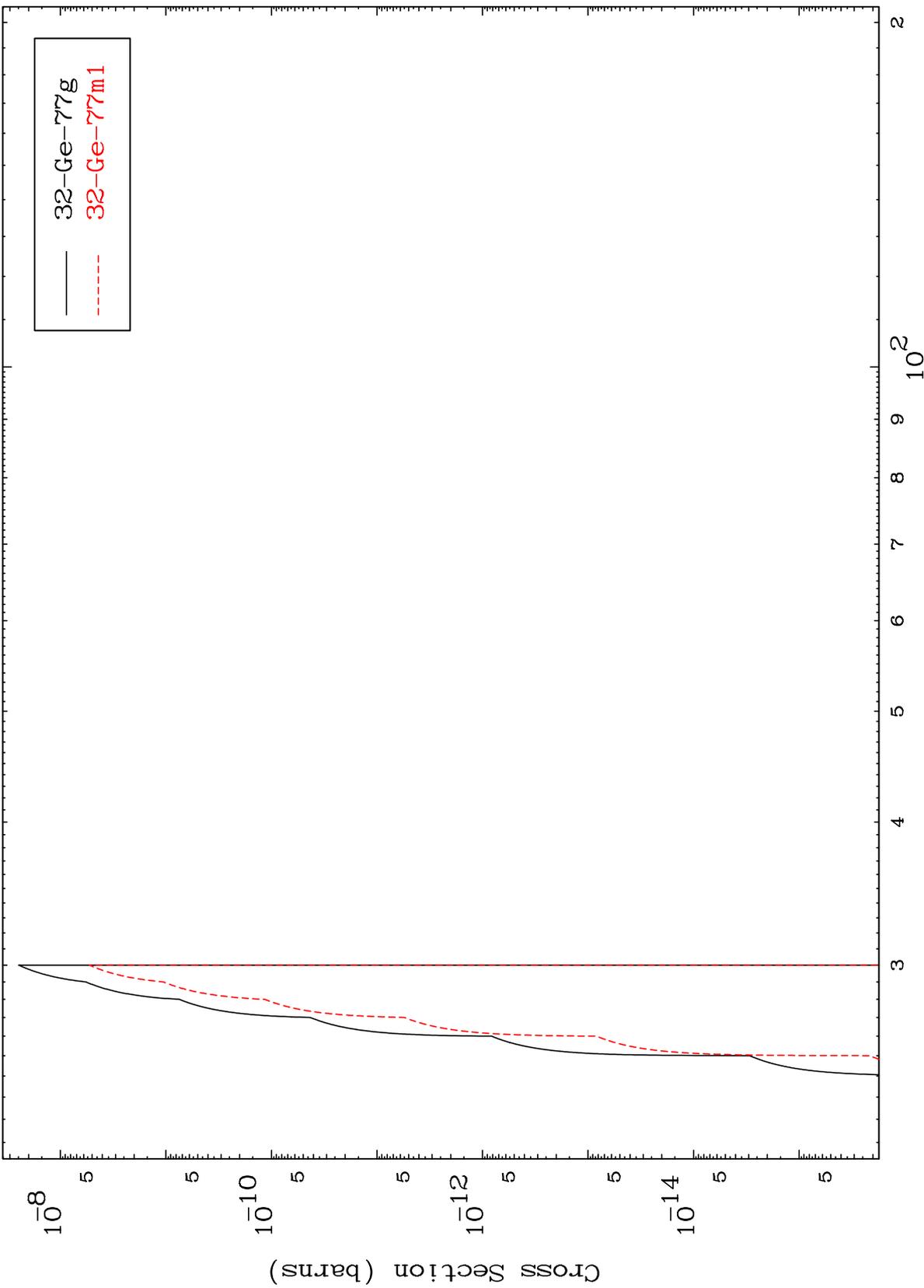
34-^{Se-80}

MAT 3443

(n,p) t

34-Se-80

Radionuclide Production Cross Section



136

Incident Energy (MeV)

34-Se-80