

Program EVALPLOT
(Version 2021-1)

by

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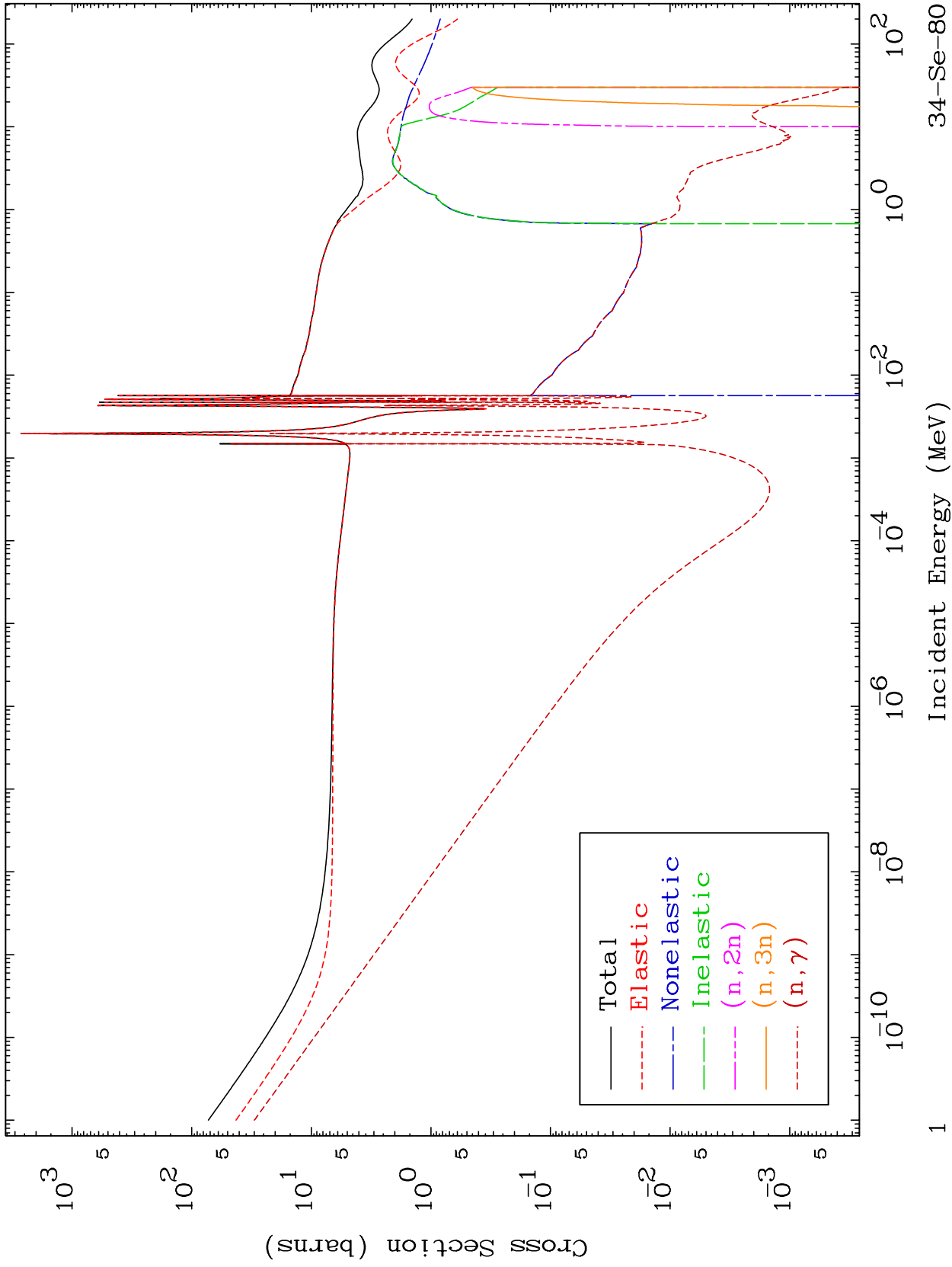
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3443

Neutron Major
293 Kelvin Cross Sections

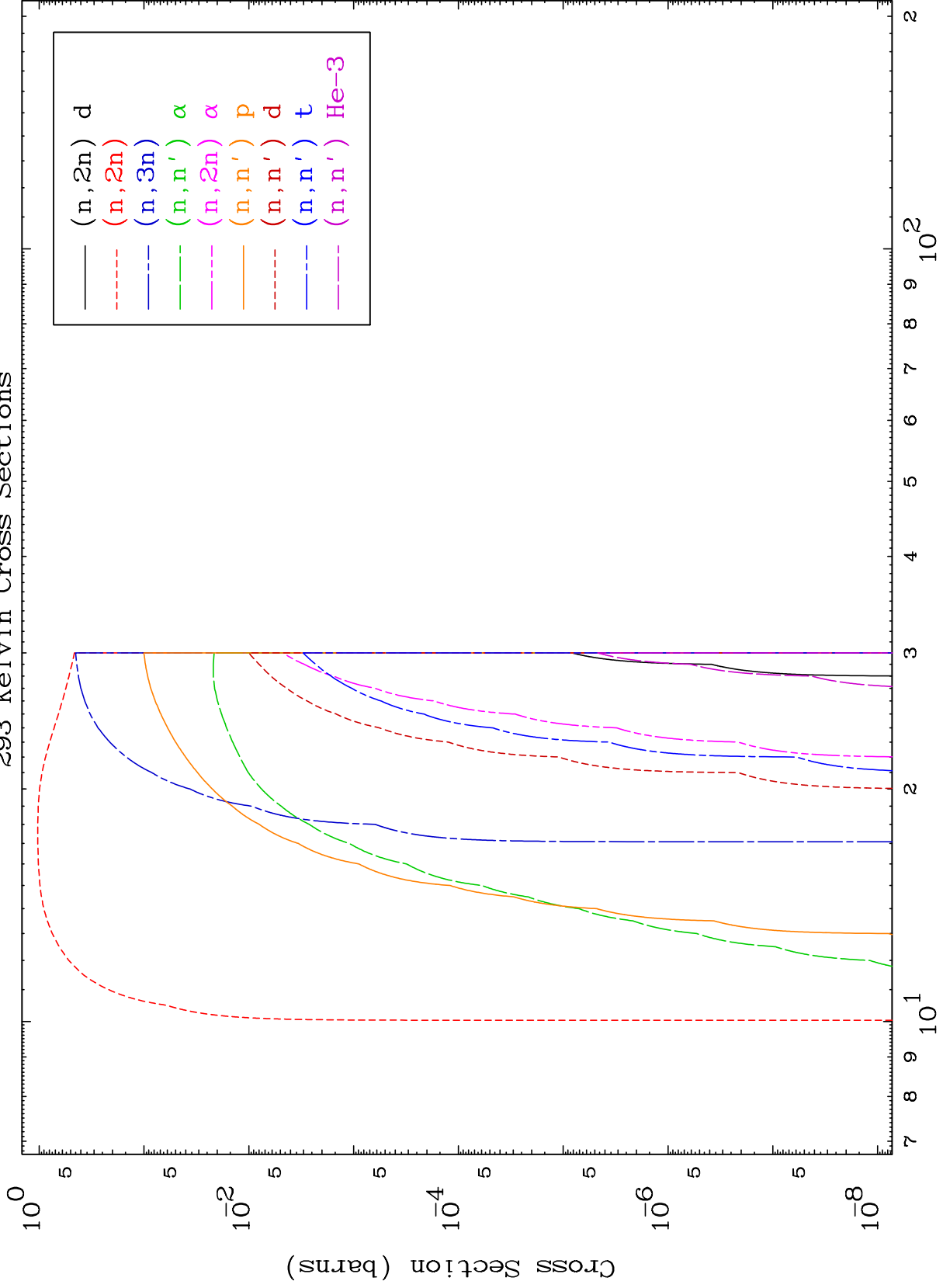
³⁴Se-80



MAT 3443

Neutron Absorption
293 Kelvin Cross Sections

³⁴Se-80



2

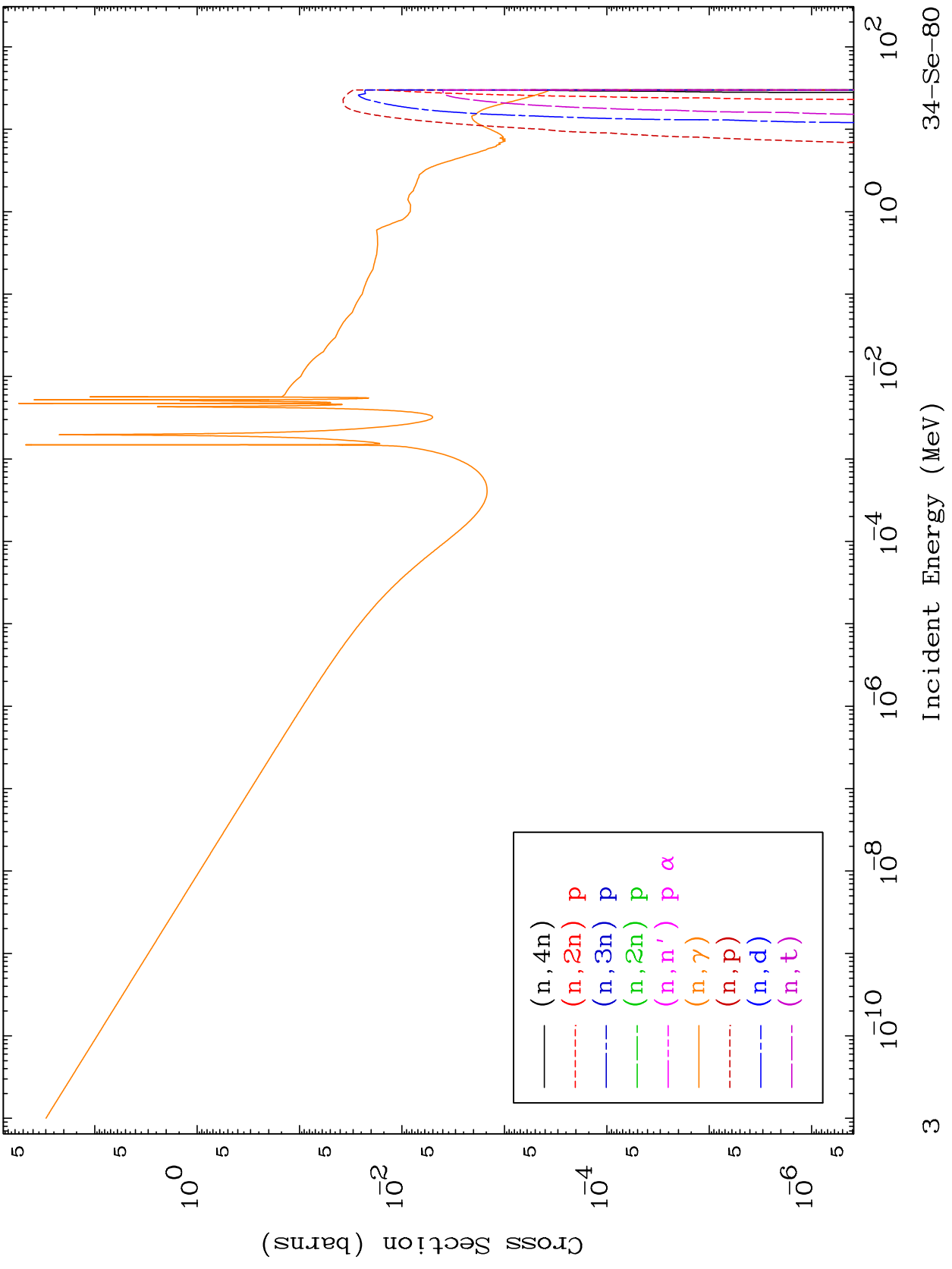
Incident Energy (MeV)

³⁴Se-80

MAT 3443

Neutron Absorption
293 Kelvin Cross Sections

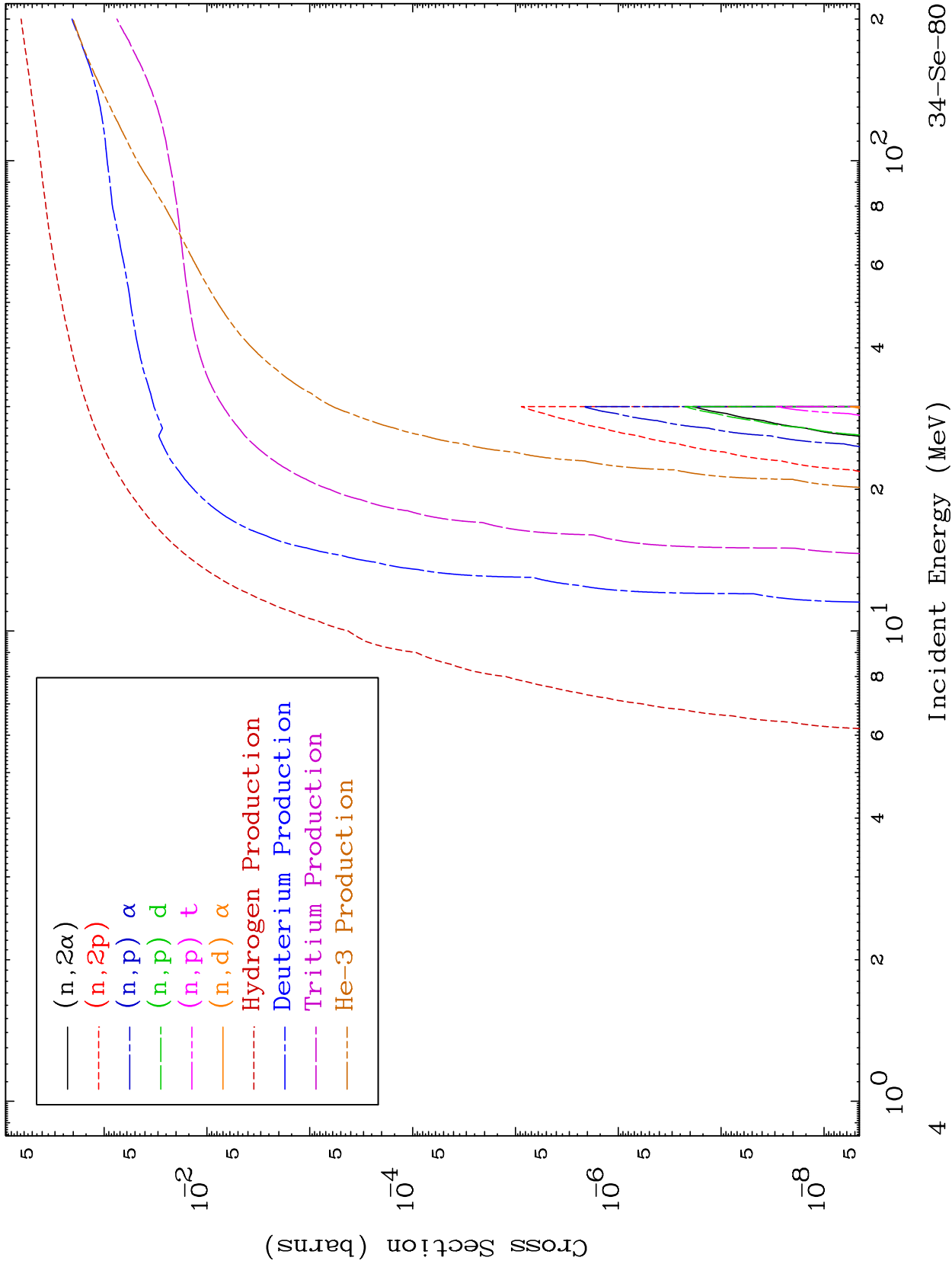
34-Se-80



MAT 3443

Neutron Absorption
293 Kelvin Cross Sections

³⁴Se-80

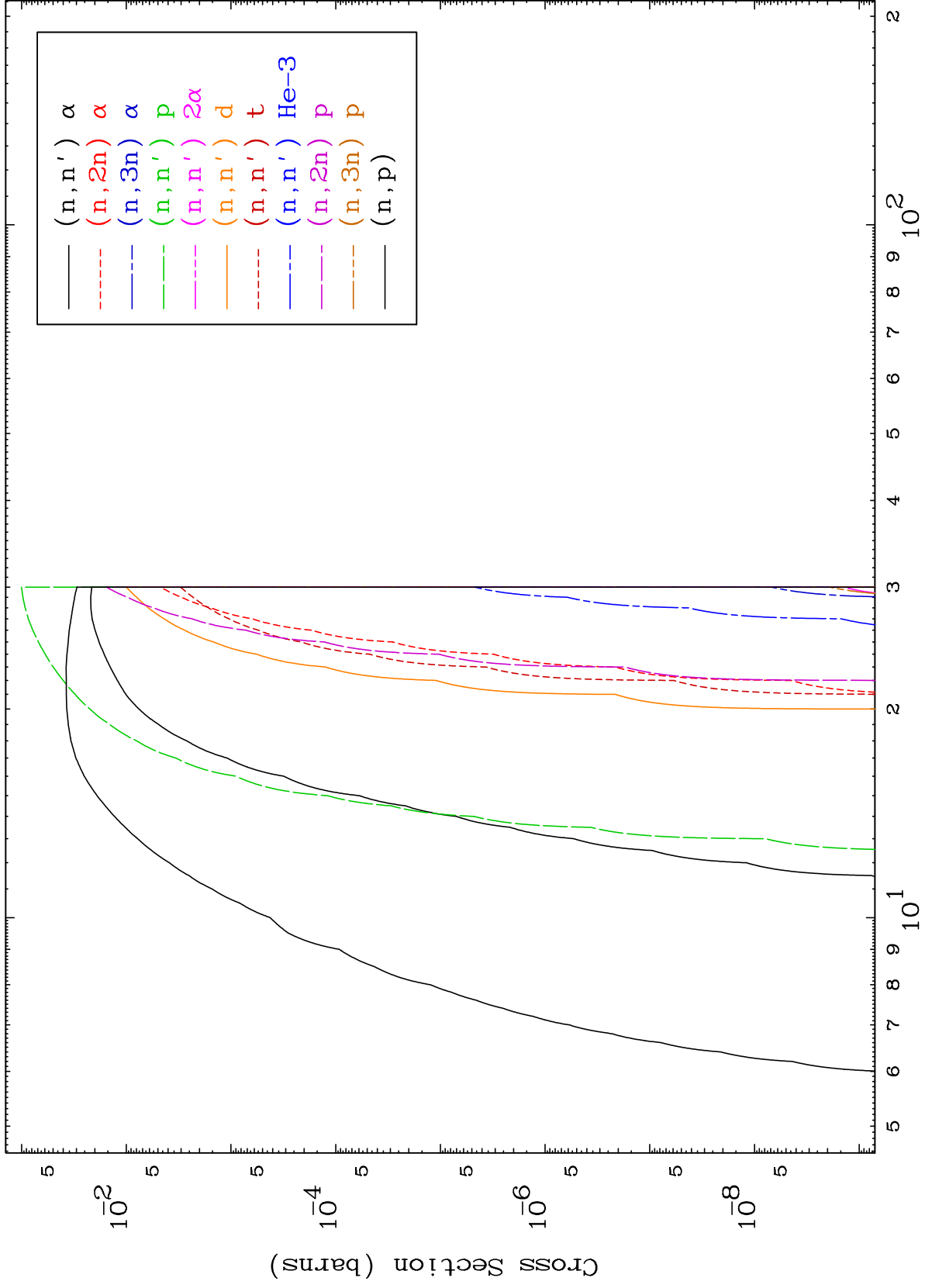


4

MAT 3443

Charged Particle
293 Kelvin Cross Sections

34-Se-80



5

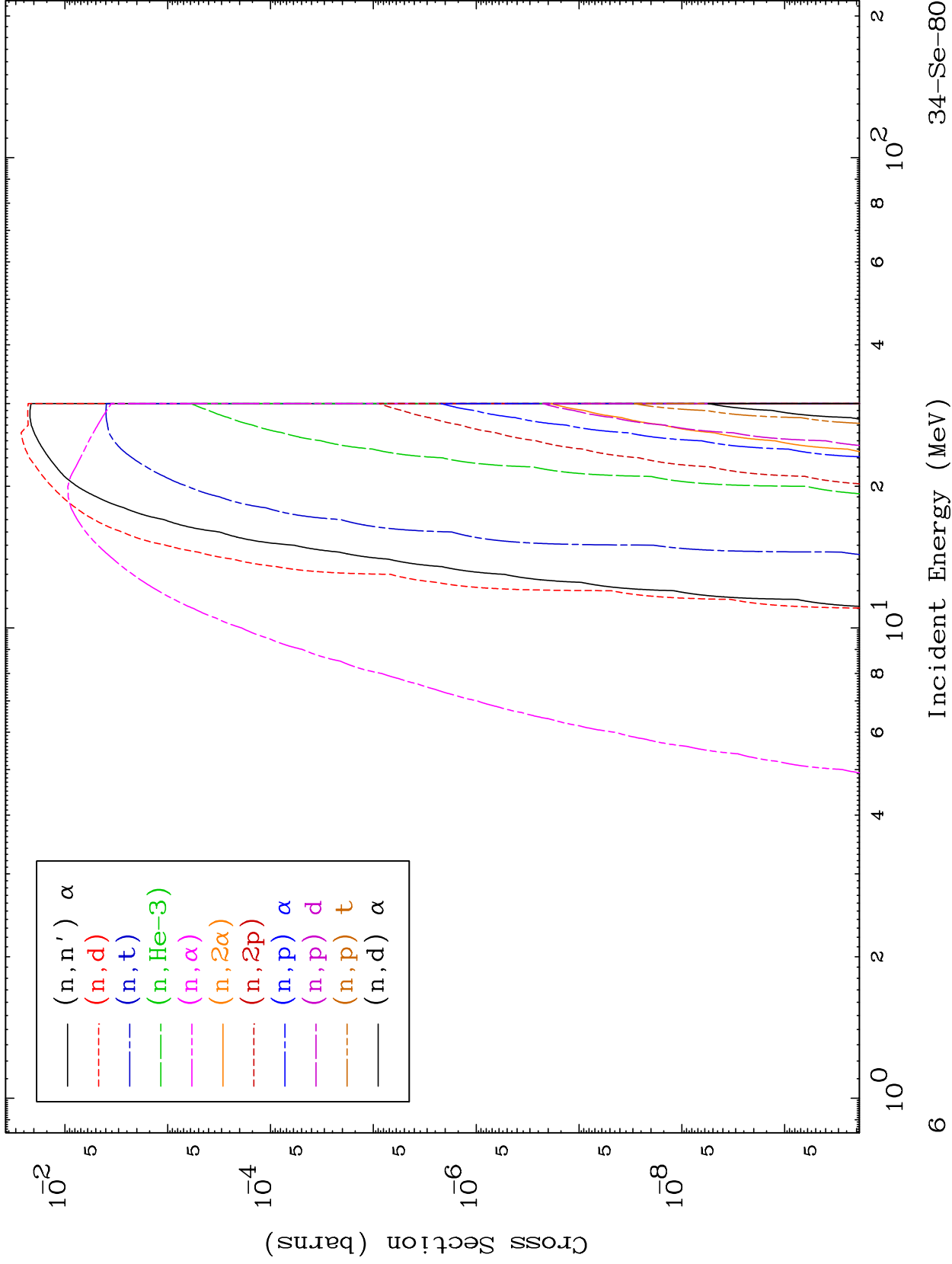
Incident Energy (MeV)

34-Se-80

MAT 3443

Charged Particle
293 Kelvin Cross Sections

³⁴Se-80



³⁴Se-80

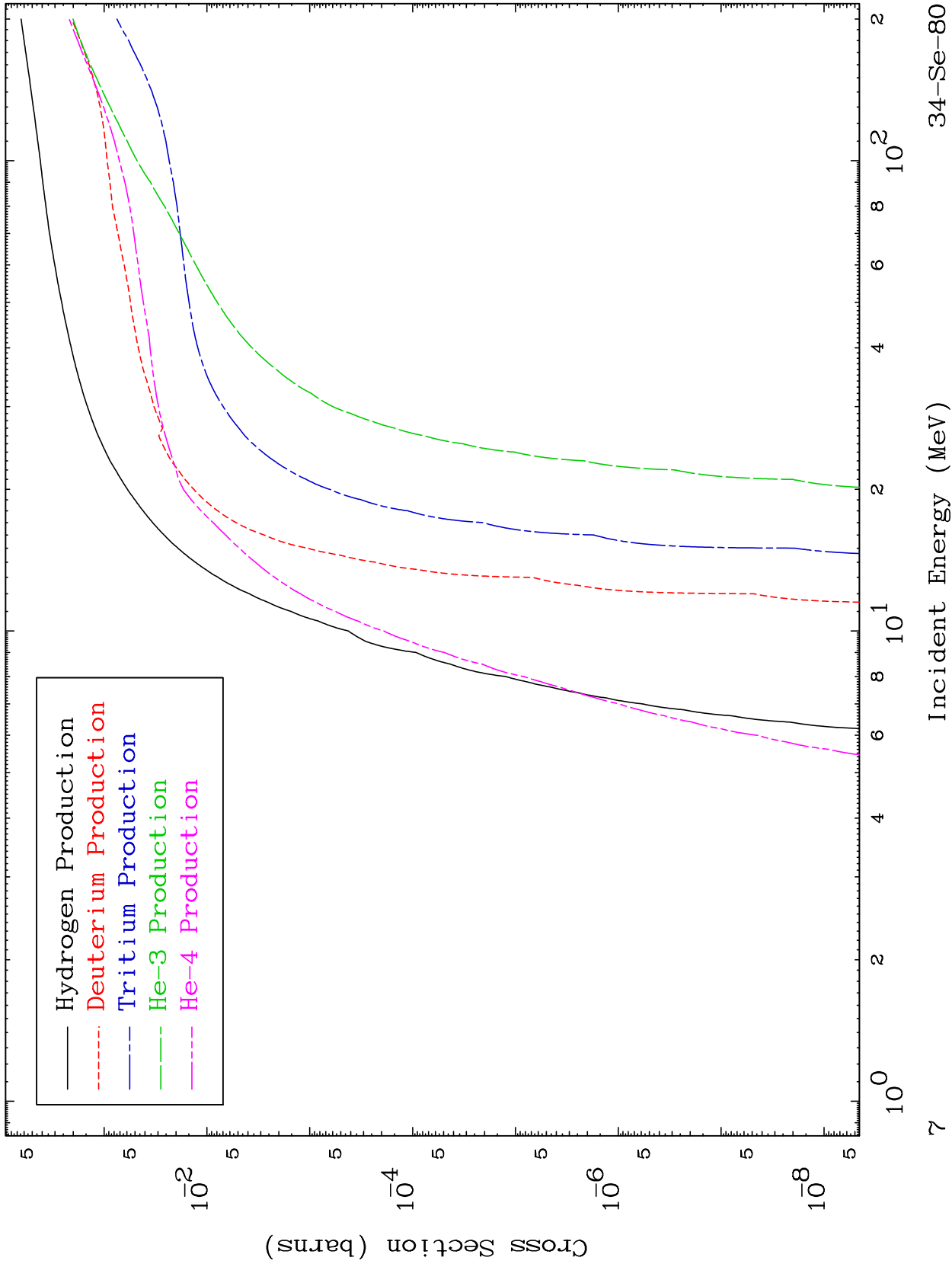
Incident Energy (MeV)

6

MAT 3443

Particle Production
293 Kelvin Cross Sections

³⁴Se-80



7

Incident Energy (MeV)

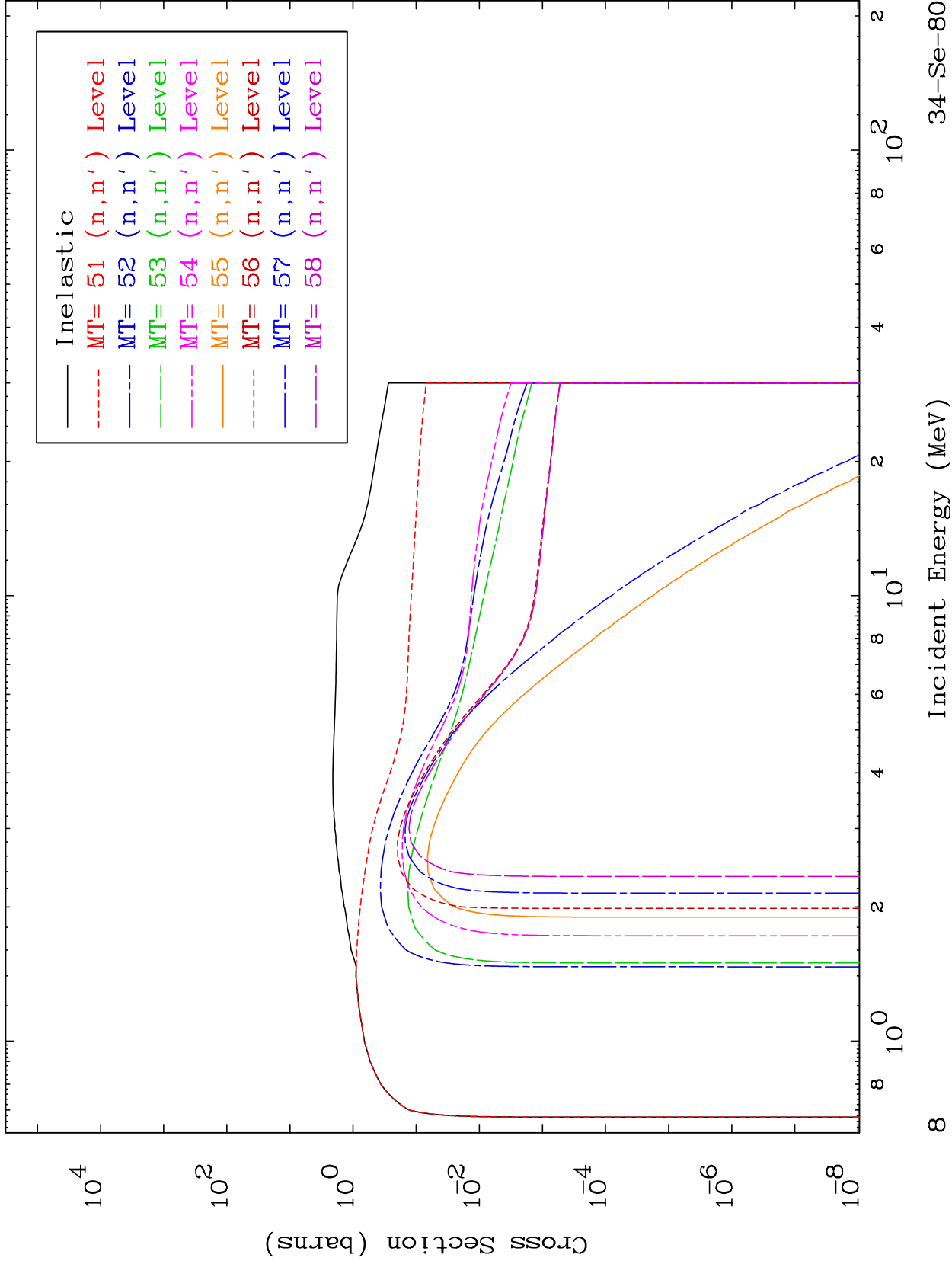
³⁴Se-80

MAT 3443

(n,n') Levels

34-Se-80

293 Kelvin Cross Sections



8

Incident Energy (MeV)

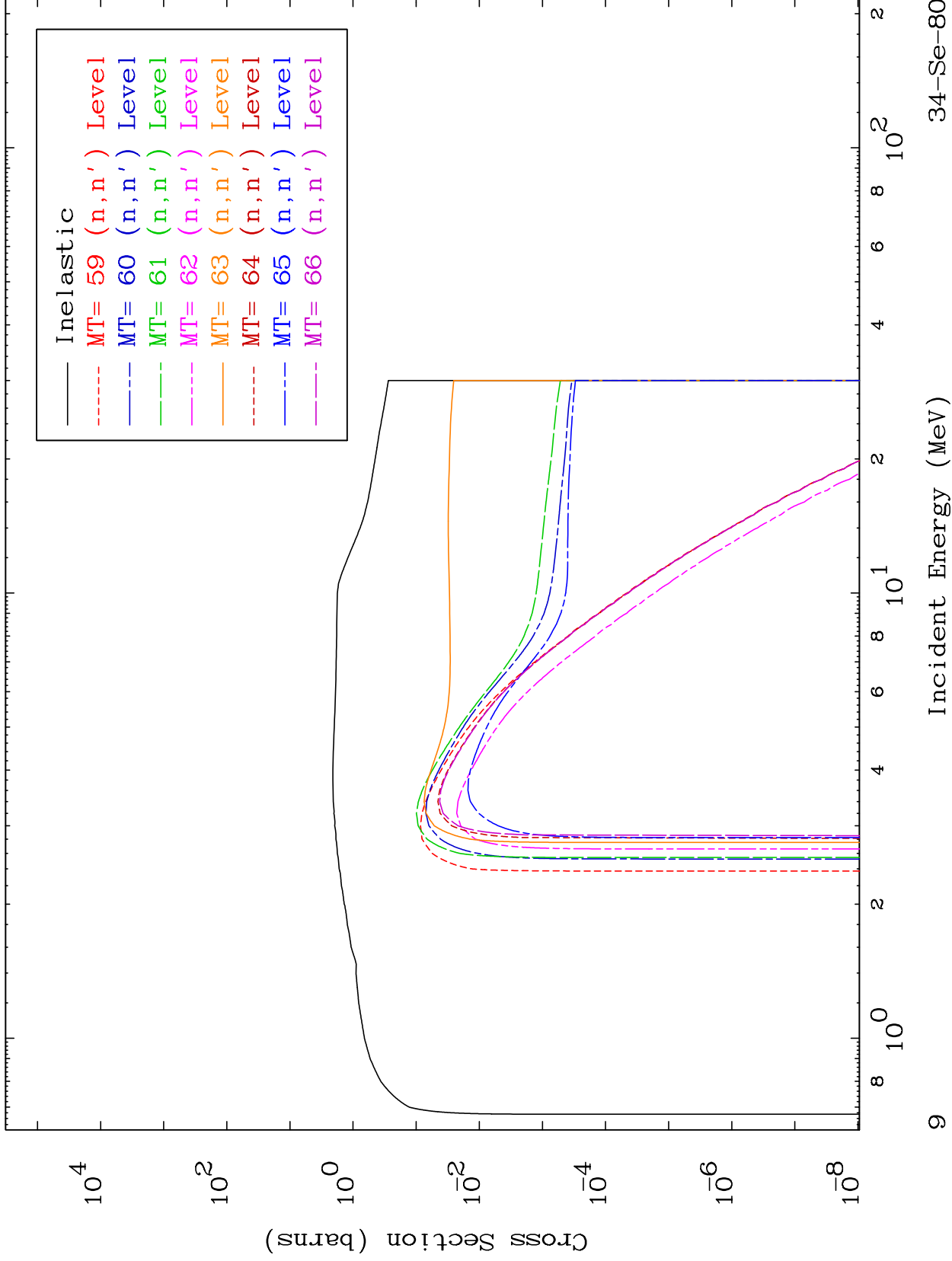
34-Se-80

MAT 3443

(n,n') Levels

34-Se-80

293 Kelvin Cross Sections

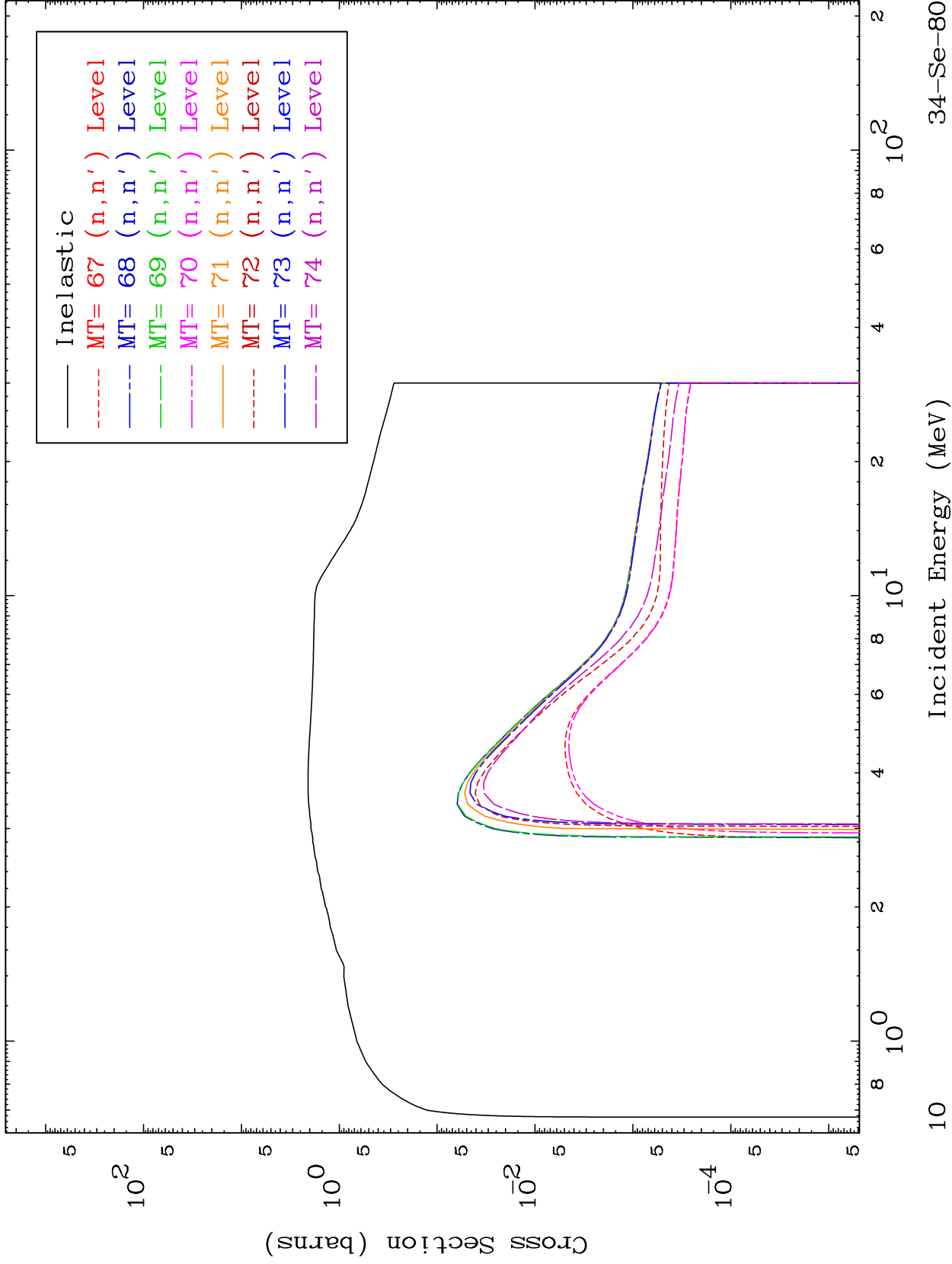


MAT 3443

(n,n') Levels

34-Se-80

293 Kelvin Cross Sections

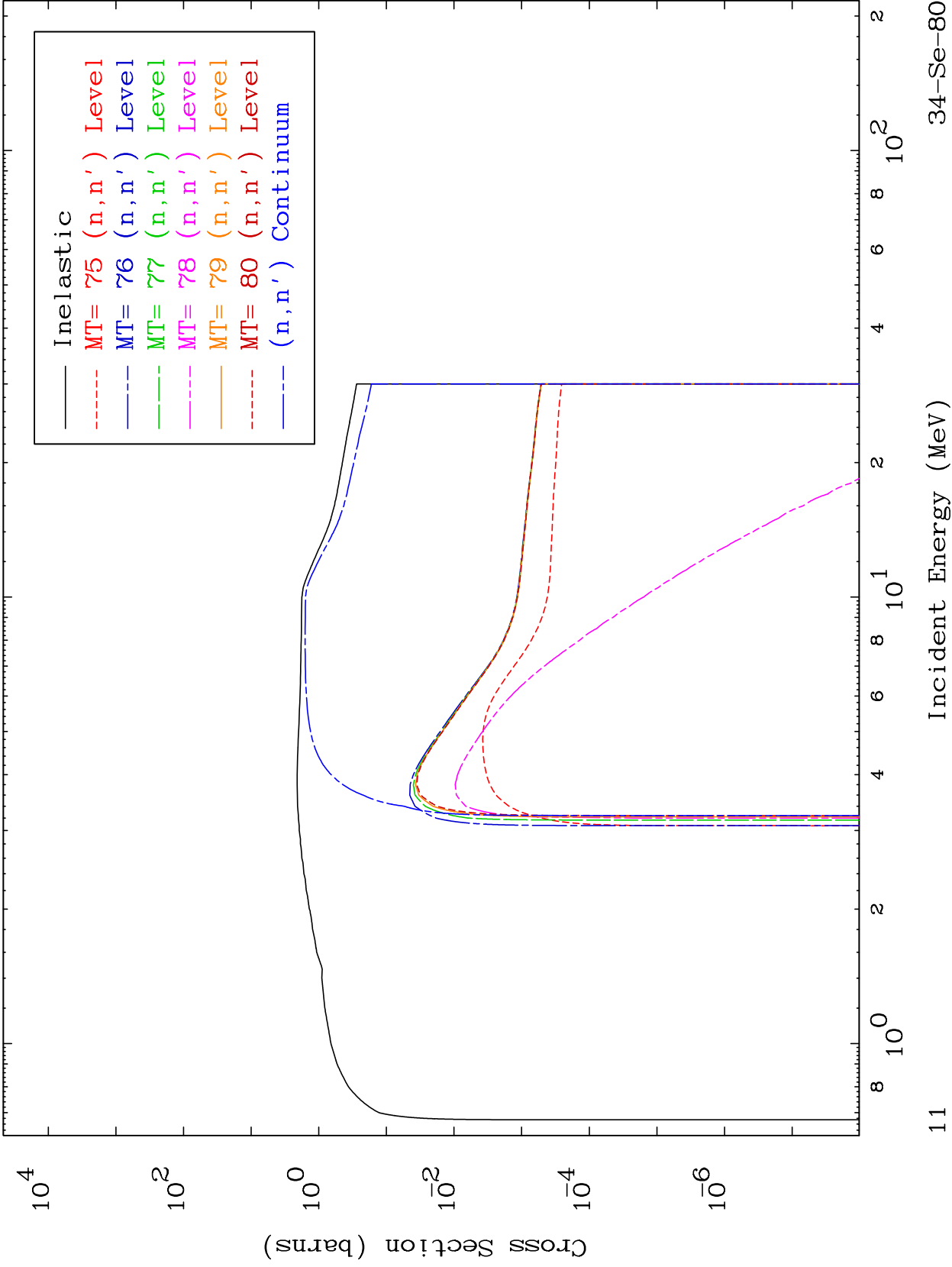


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Incident Energy (MeV)

34-Se-80

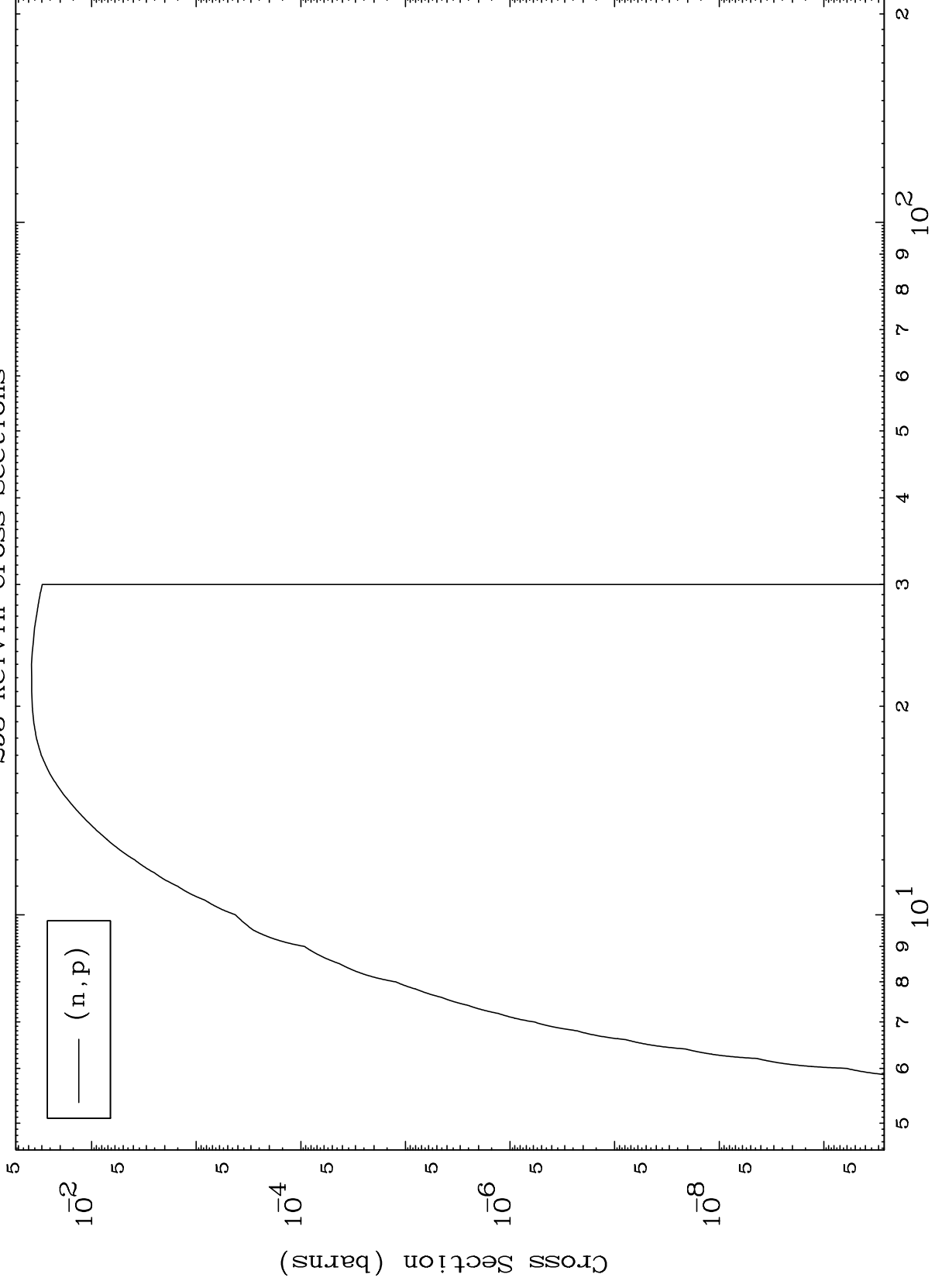
293 Kelvin Cross Sections



MAT 3443

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-80



12

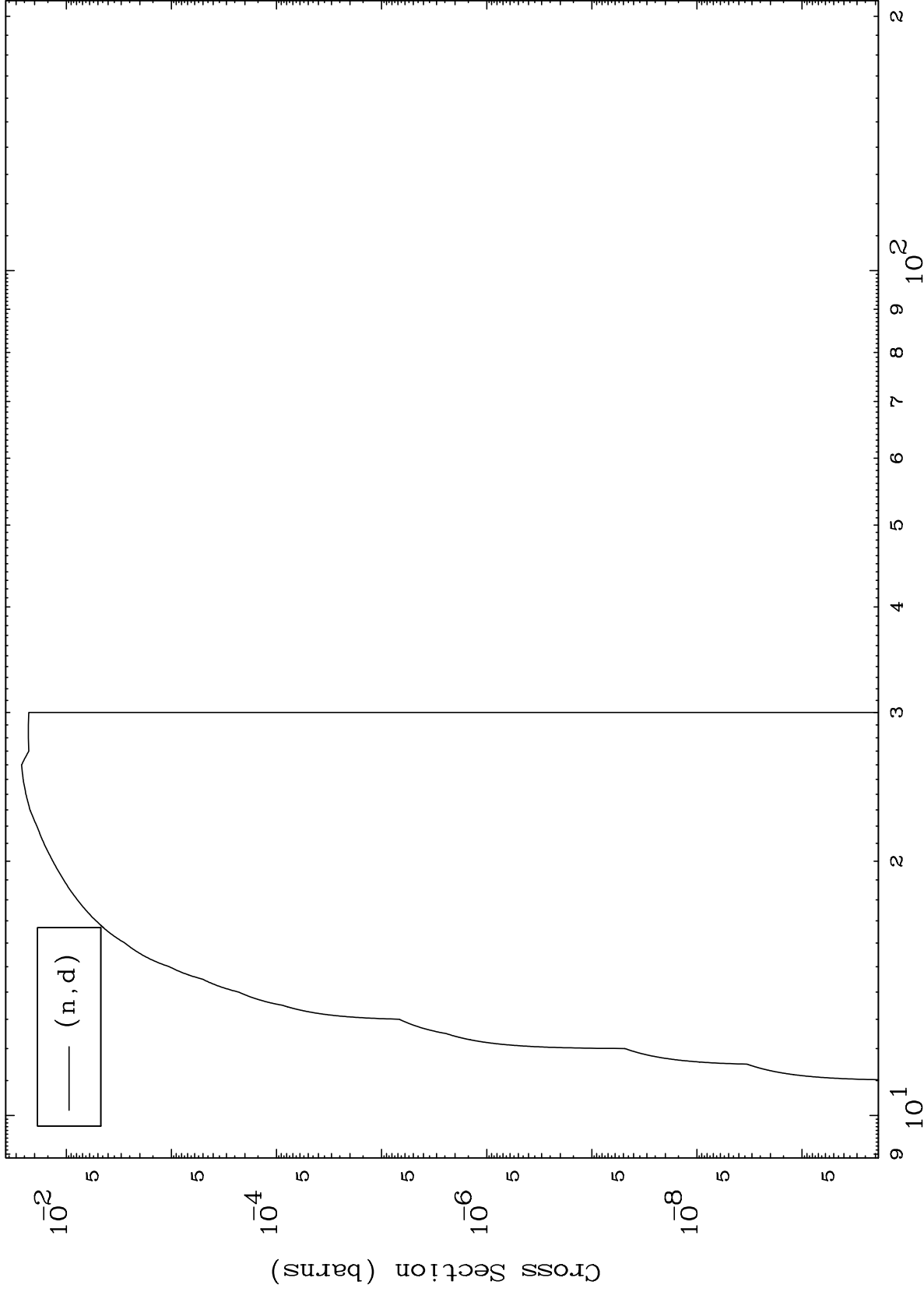
Incident Energy (MeV)

³⁴Se-80

MAT 3443

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-80



13

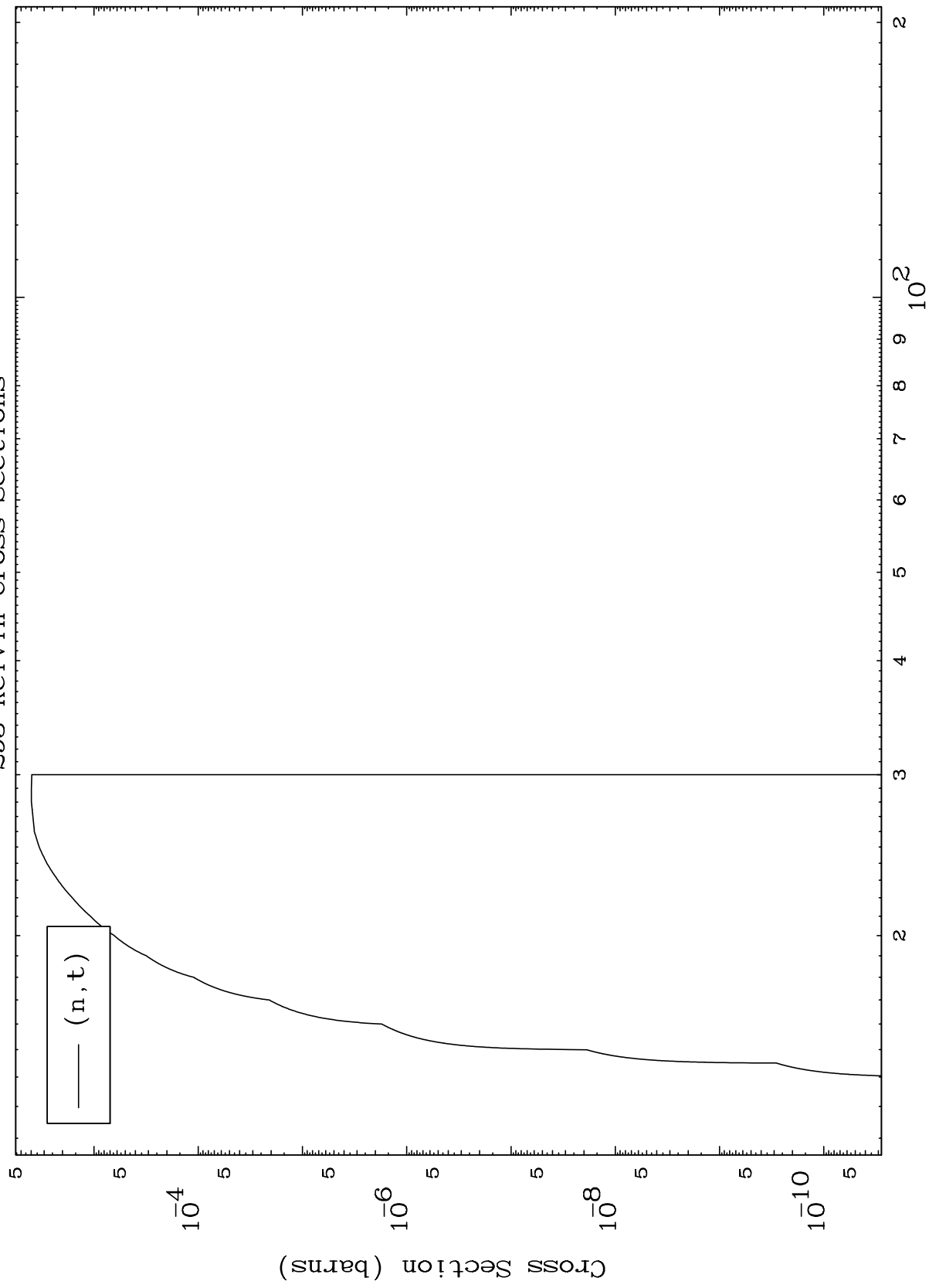
Incident Energy (MeV)

³⁴Se-80

MAT 3443

³⁴Se-80

(n,t) Levels
293 Kelvin Cross Sections



³⁴Se-80

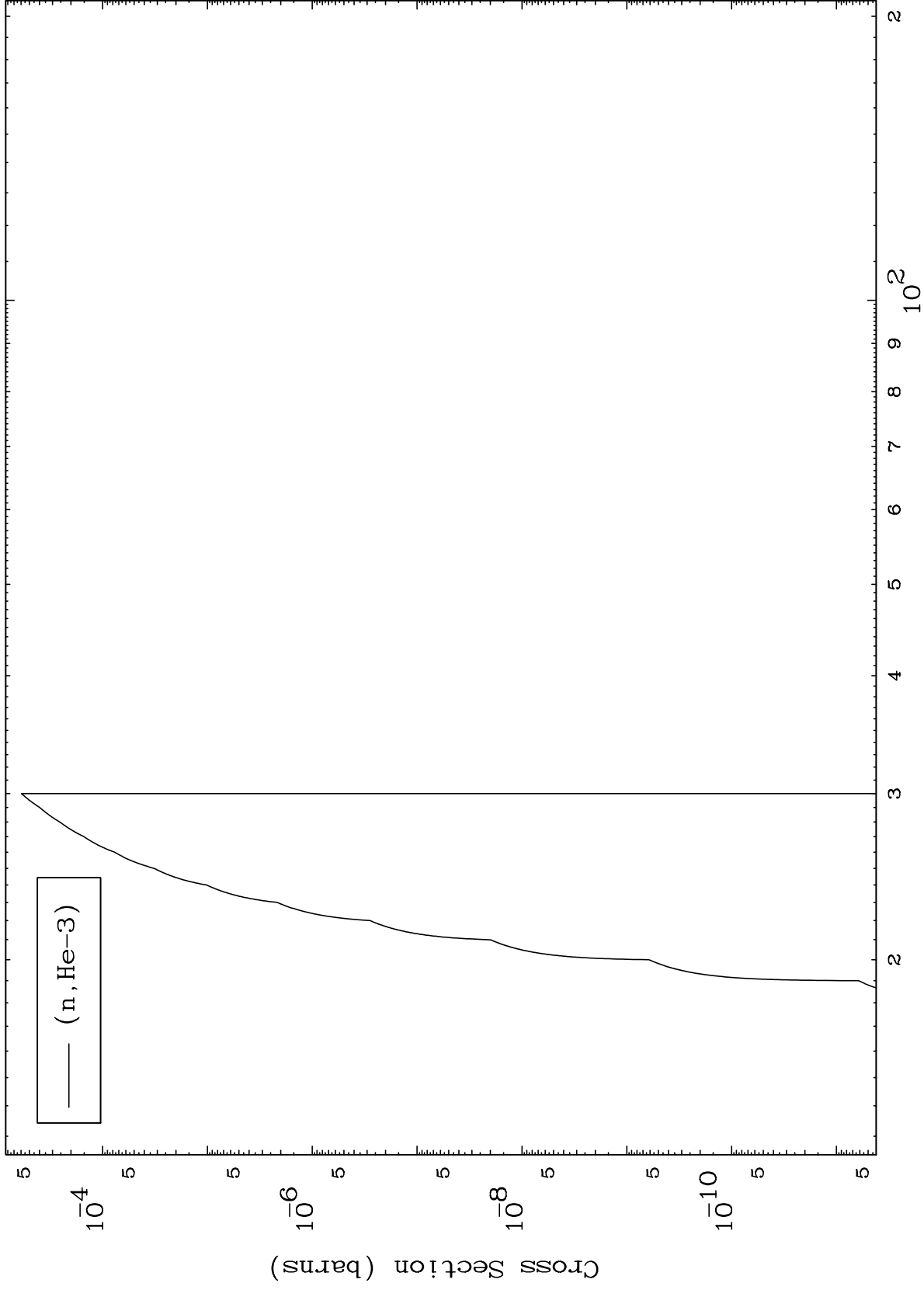
Incident Energy (MeV)

14

MAT 3443

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-80



15

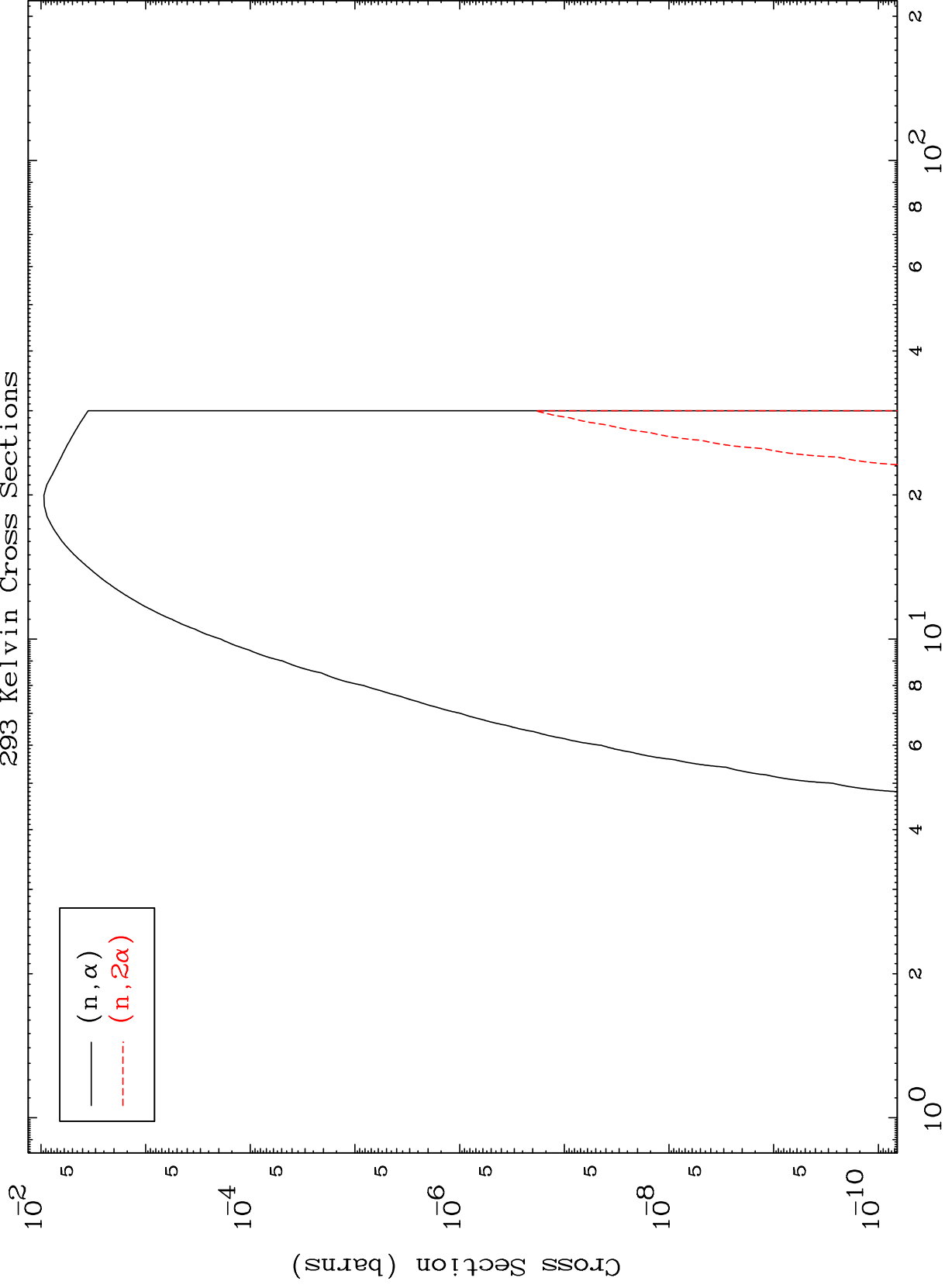
Incident Energy (MeV)

34-Se-80

MAT 3443

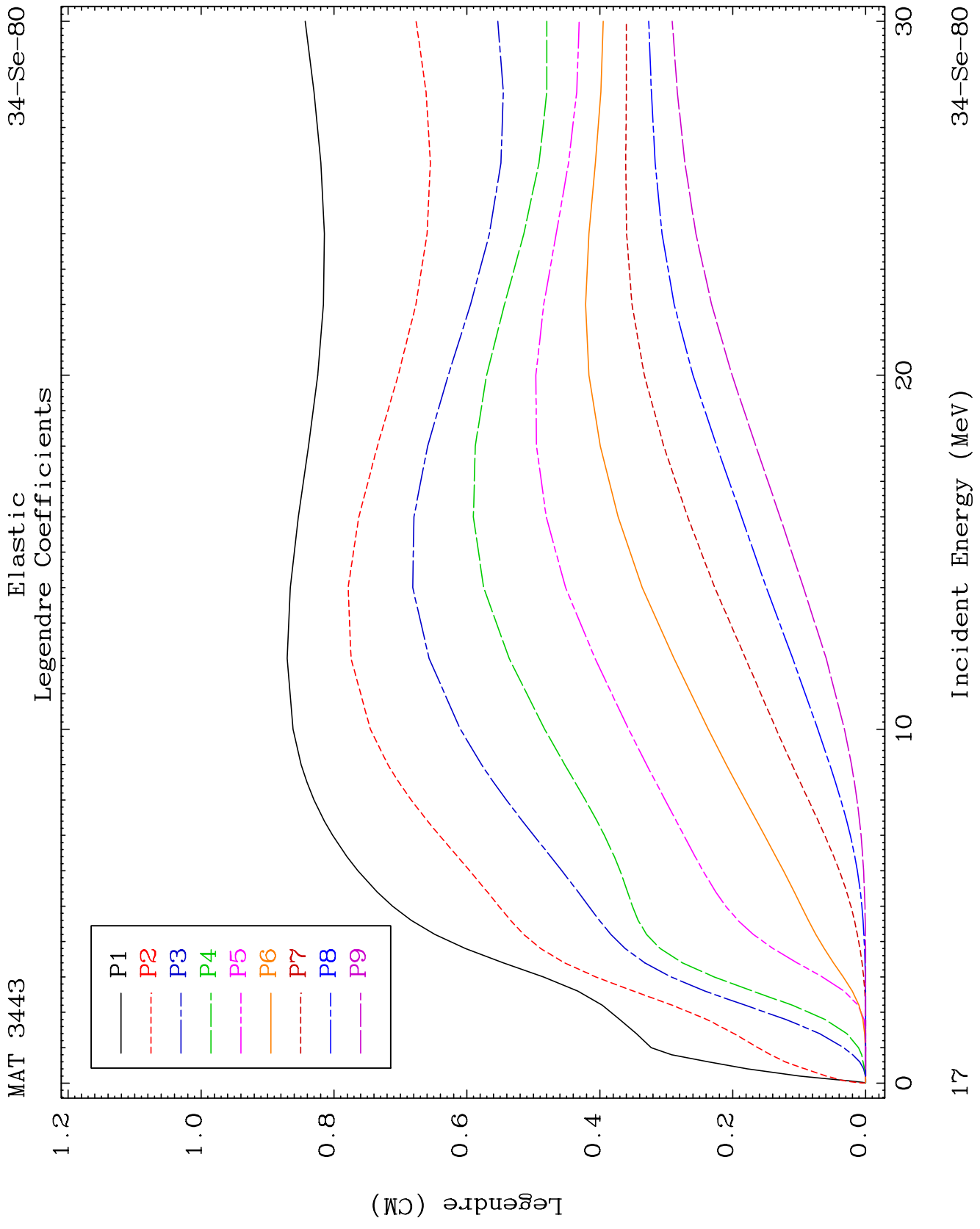
(n, α) Levels
293 Kelvin Cross Sections

³⁴Se-80



Incident Energy (MeV)

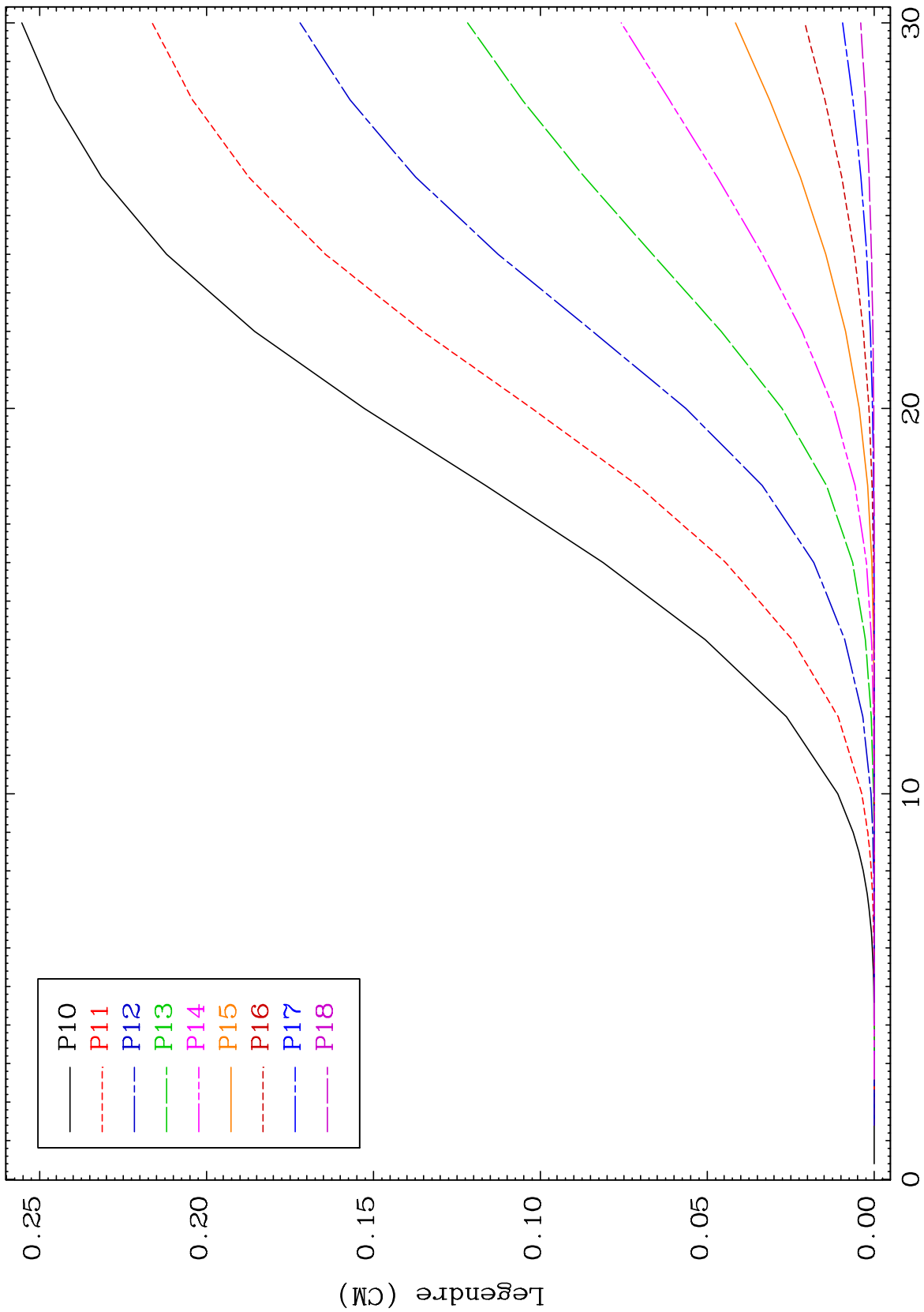
³⁴Se-80



MAT 3443

Elastic Legendre Coefficients

³⁴Se-80



18

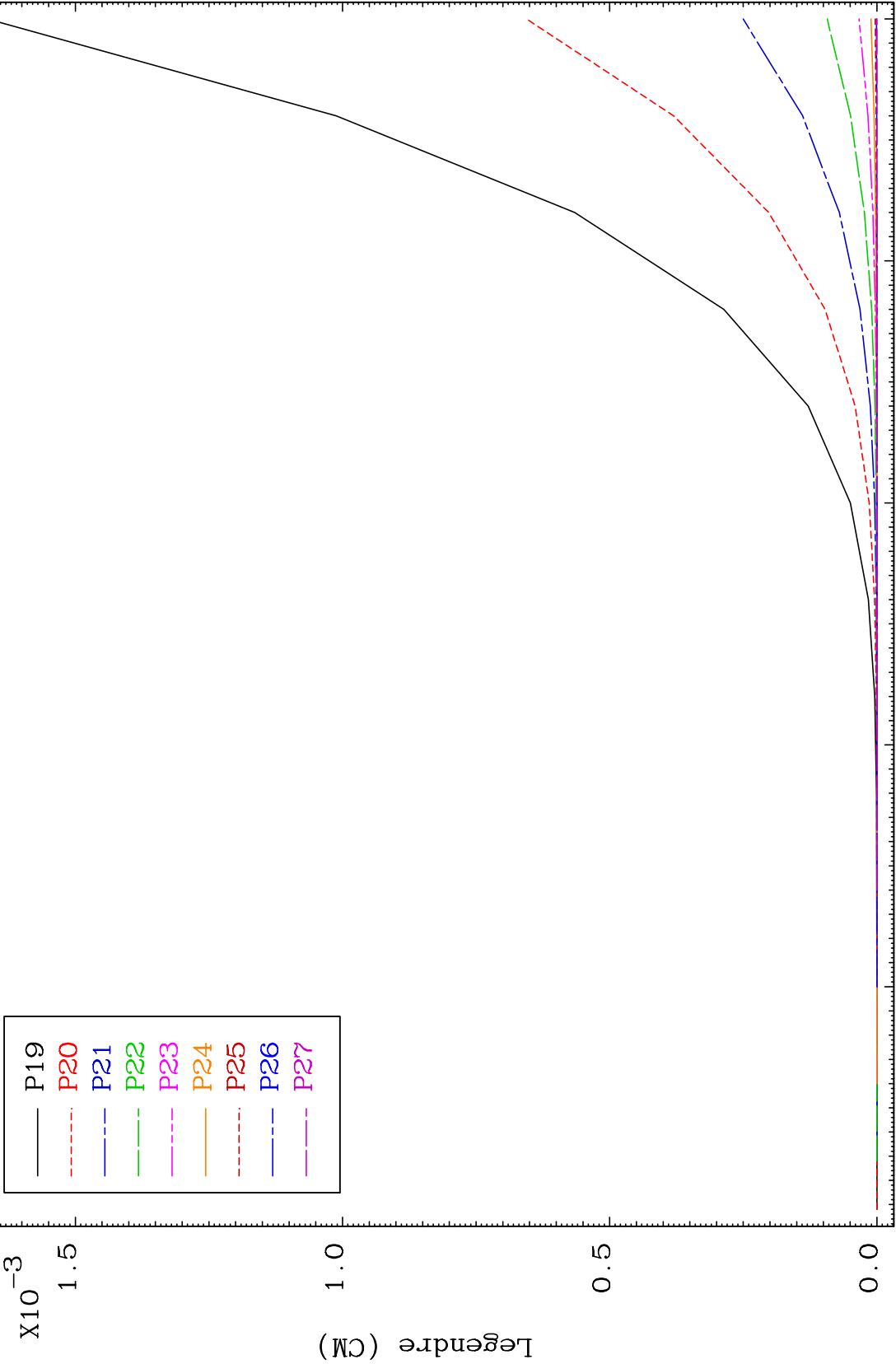
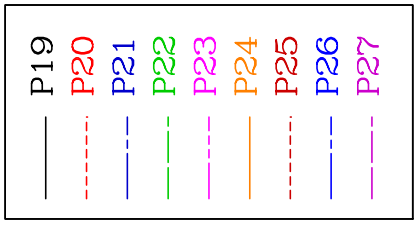
Incident Energy (MeV)

³⁴Se-80

MAT 3443

Elastic Legendre Coefficients

³⁴Se-80



19

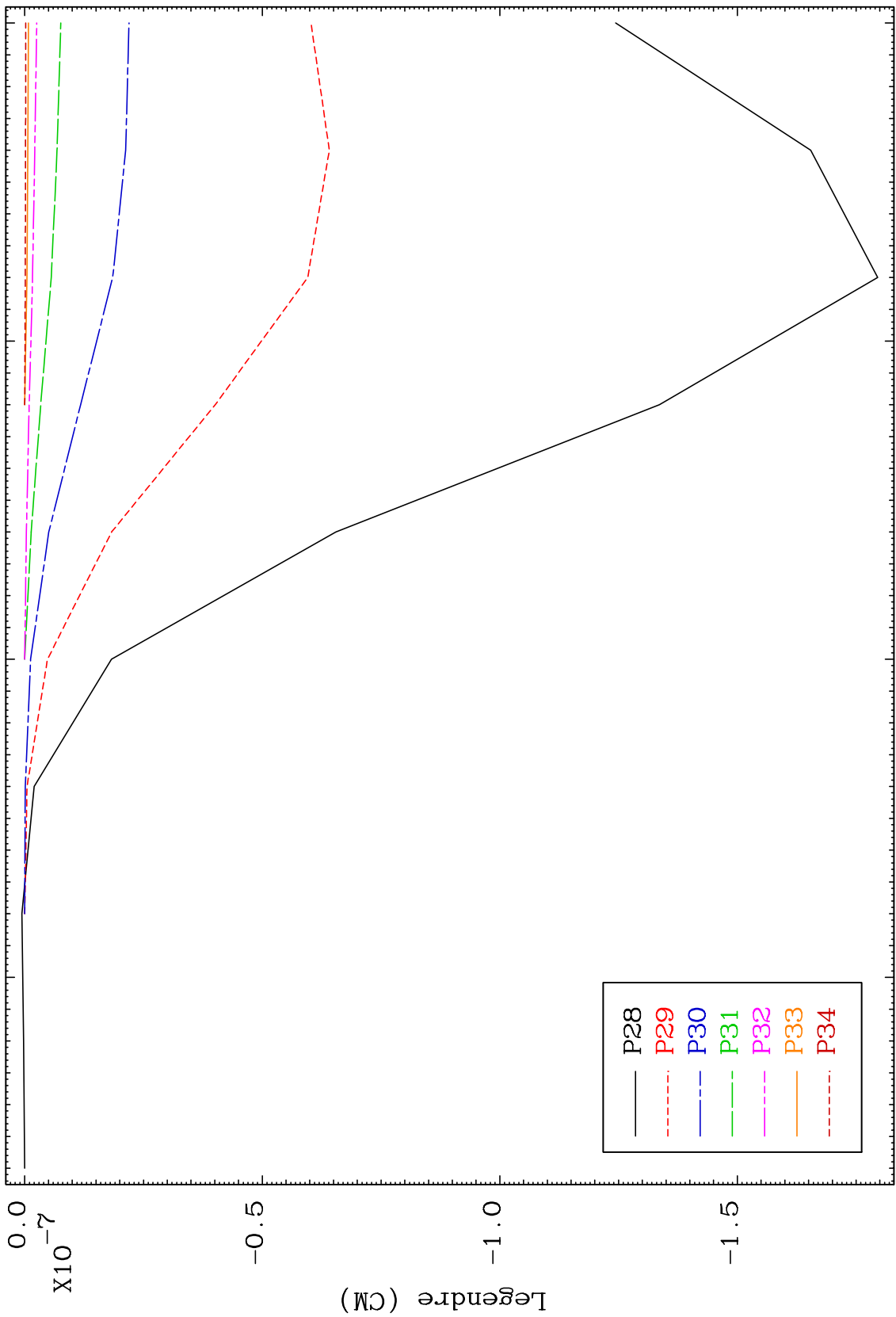
Incident Energy (MeV)

³⁴Se-80

MAT 3443

³⁴Se-80

Elastic Legendre Coefficients



20

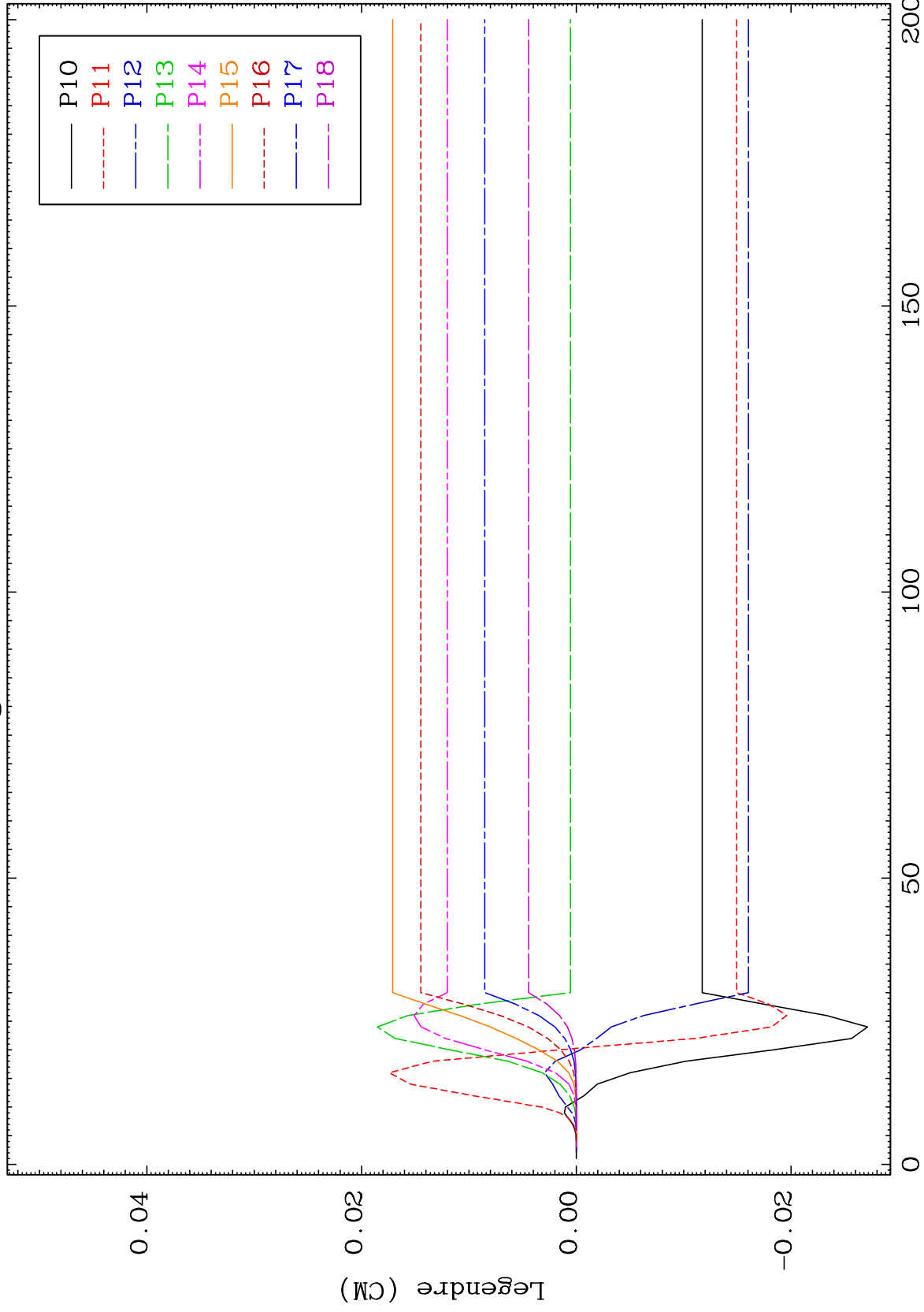
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



22

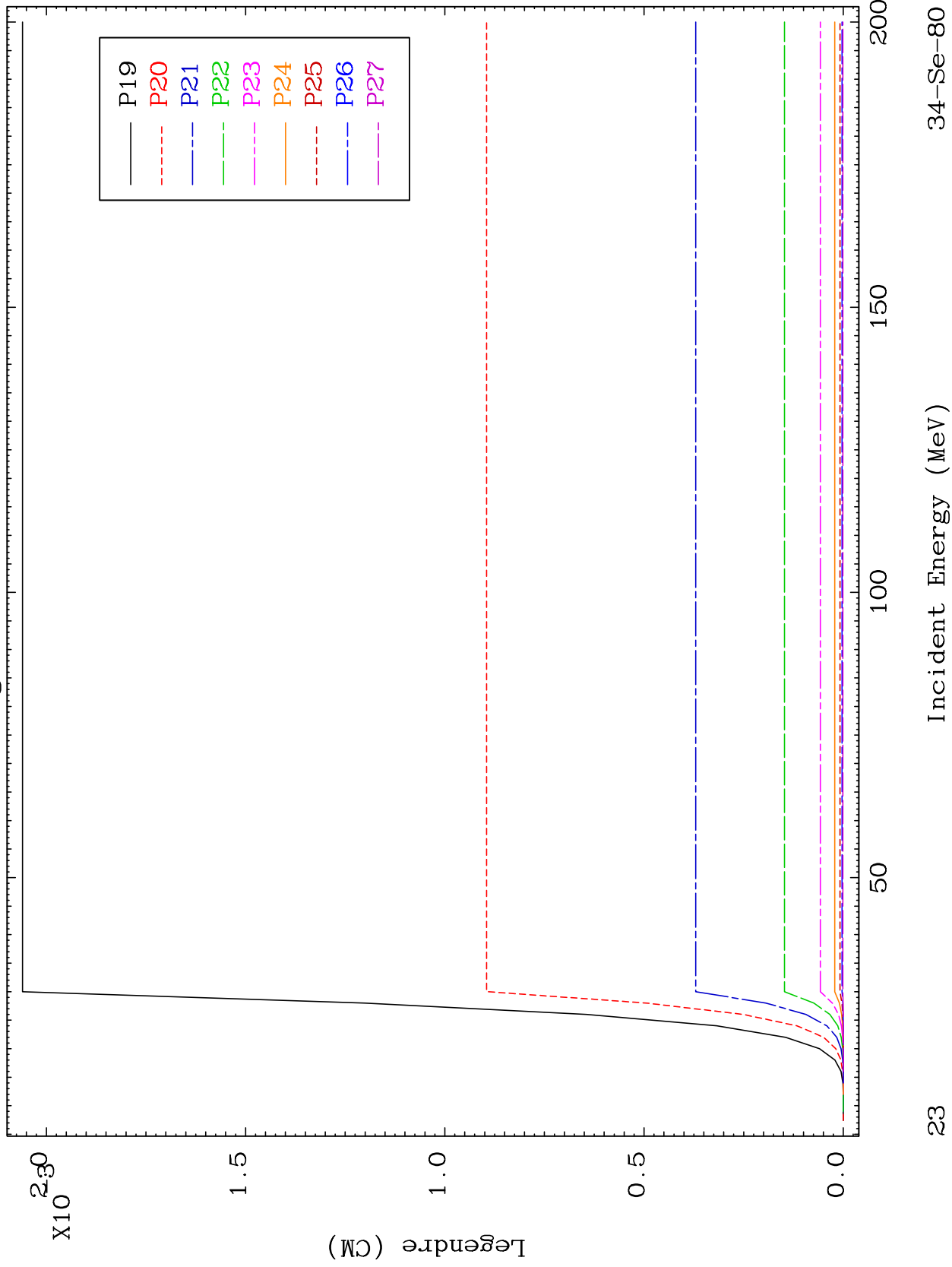
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



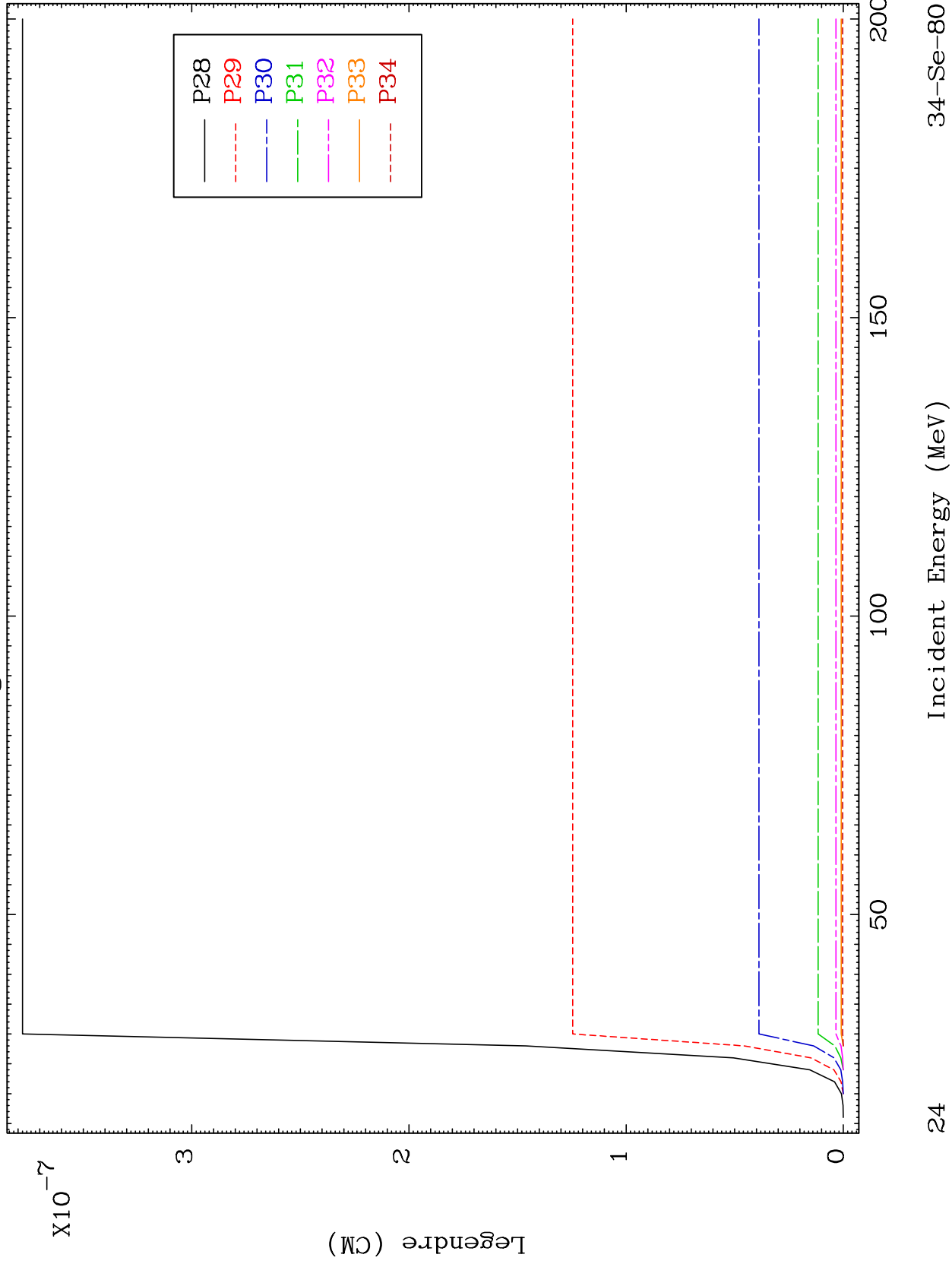
23

³⁴Se-80

MAT 3443

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

³⁴Se-80



24

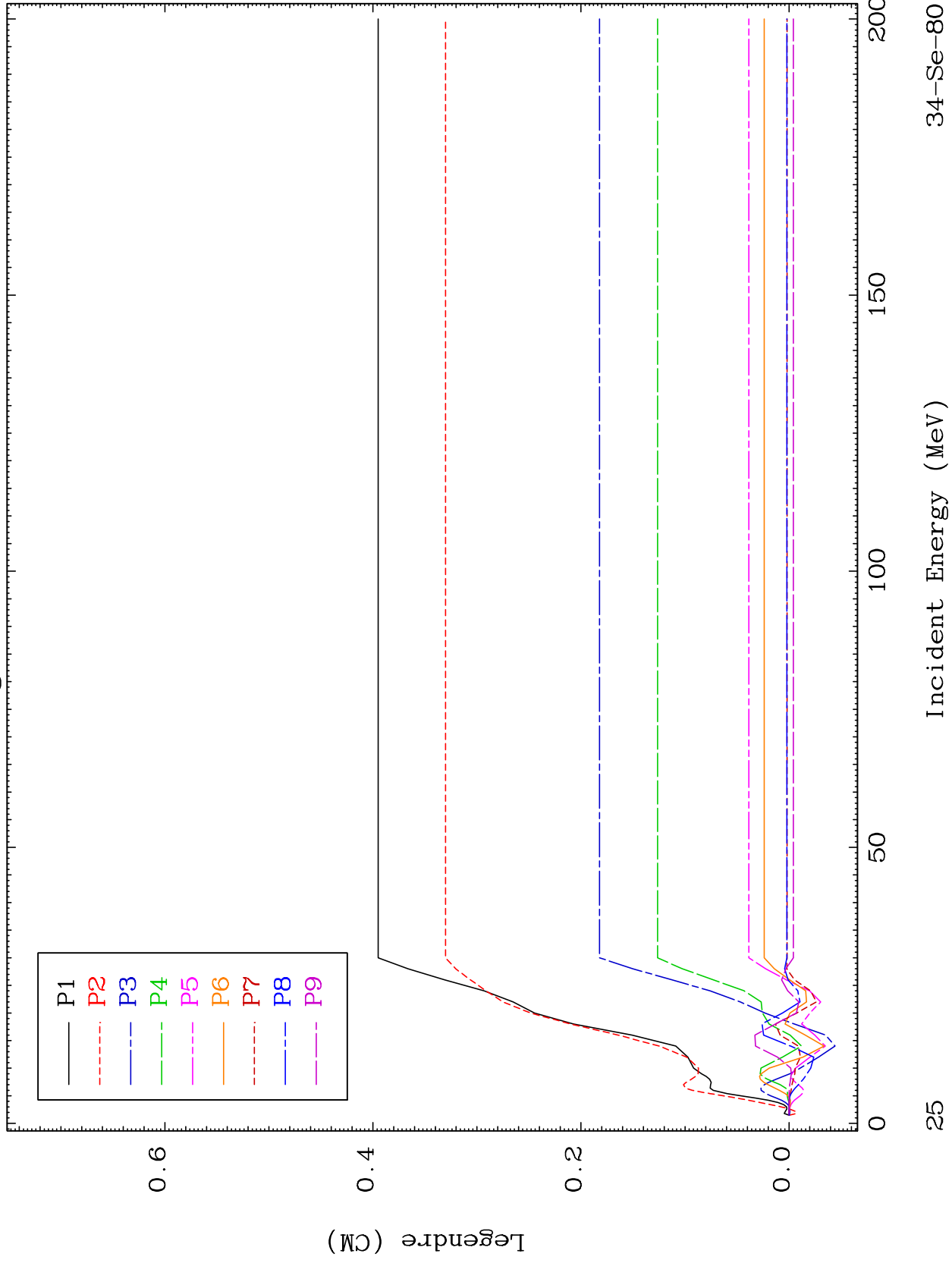
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

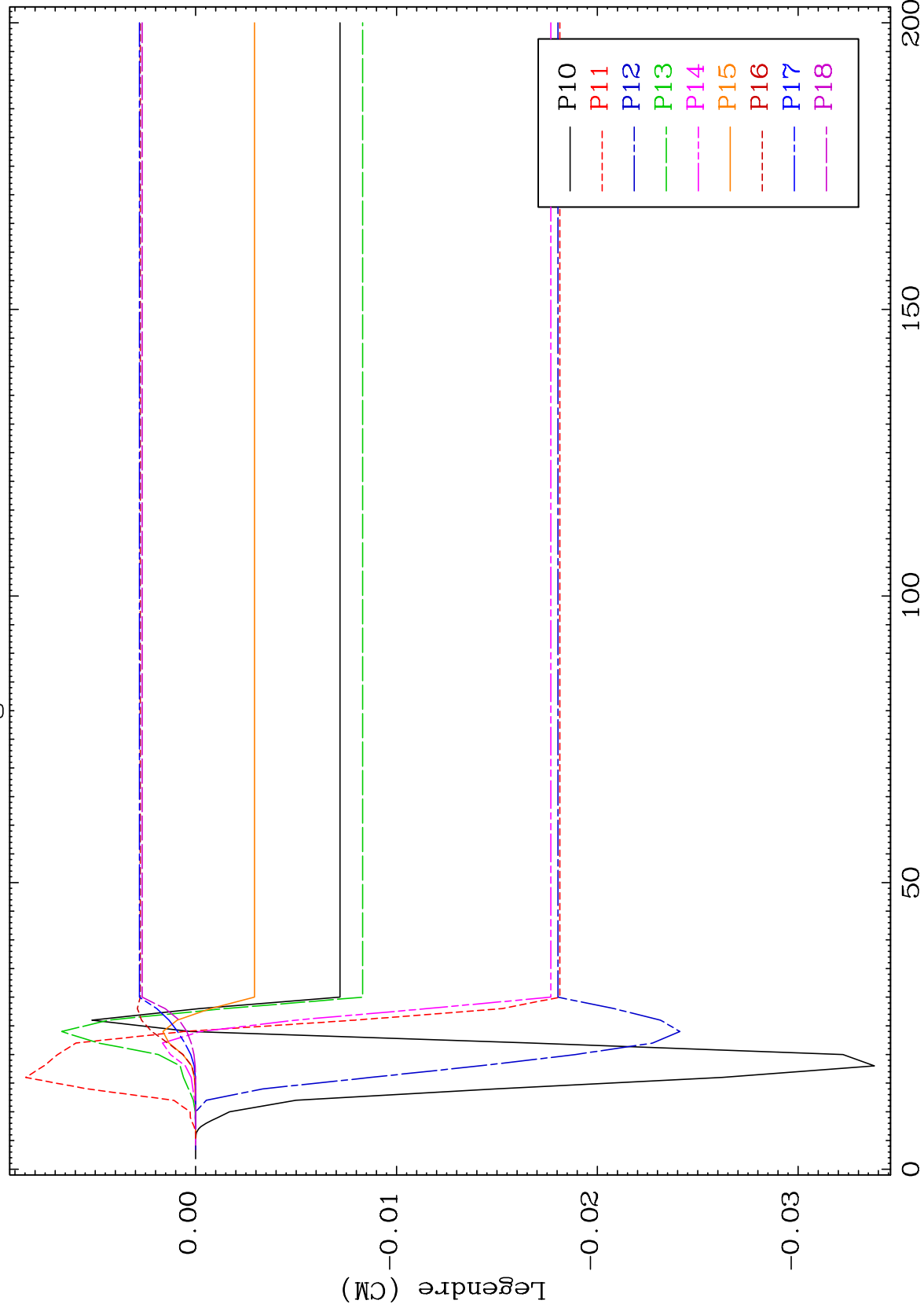
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MAT 3443

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

34-Se-80



26

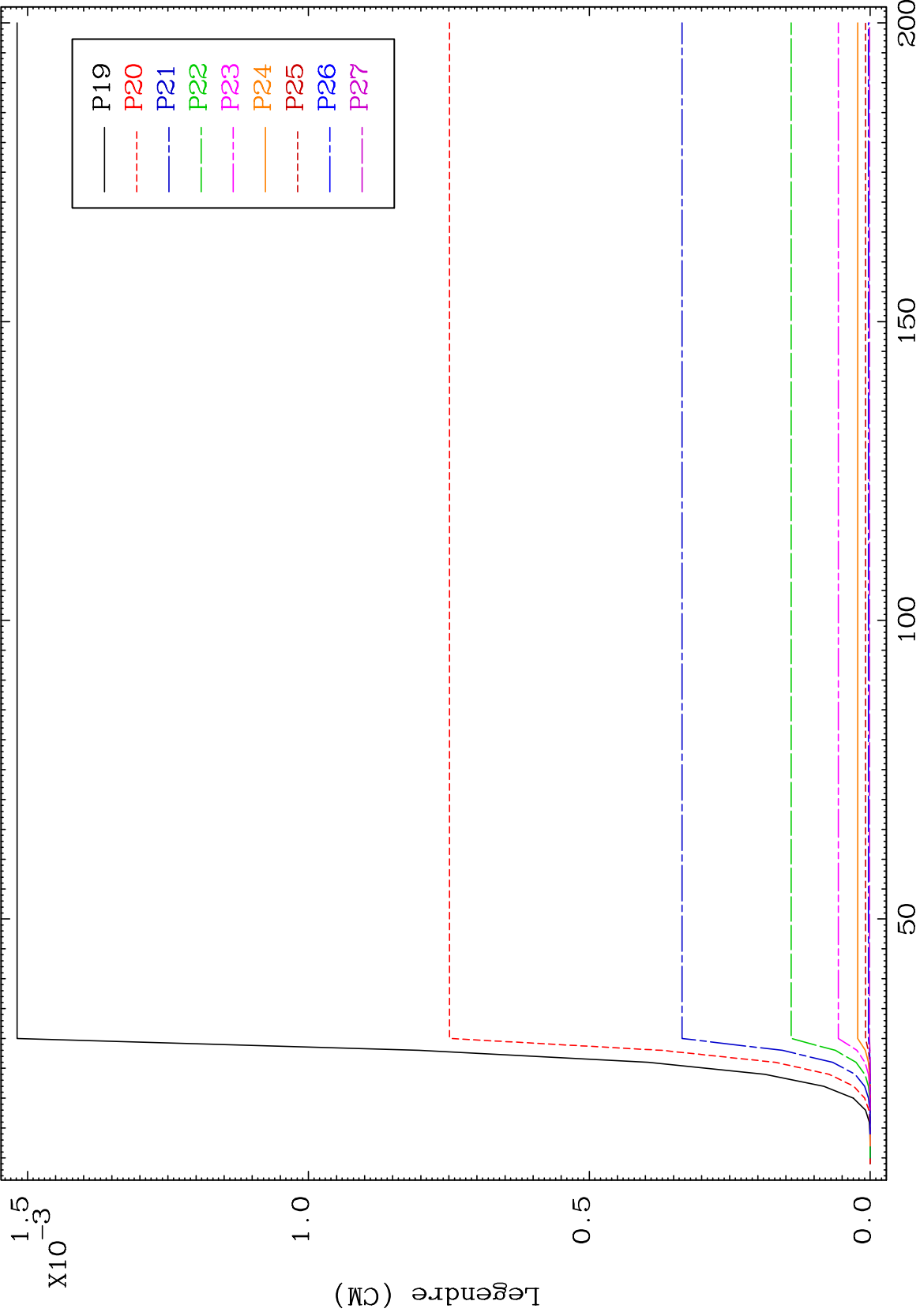
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



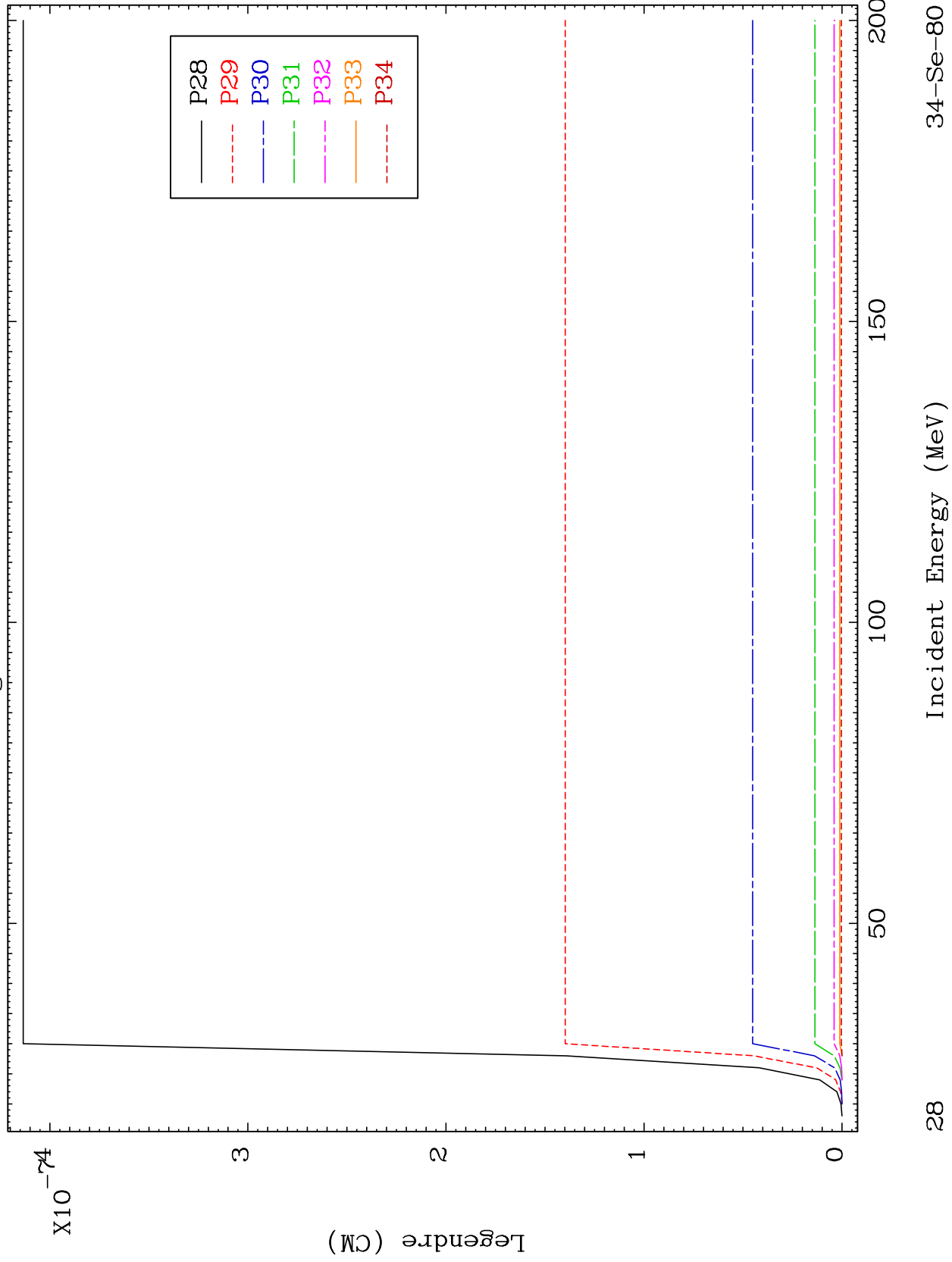
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34-Se-80

MAT 3443

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

34-Se-80



28

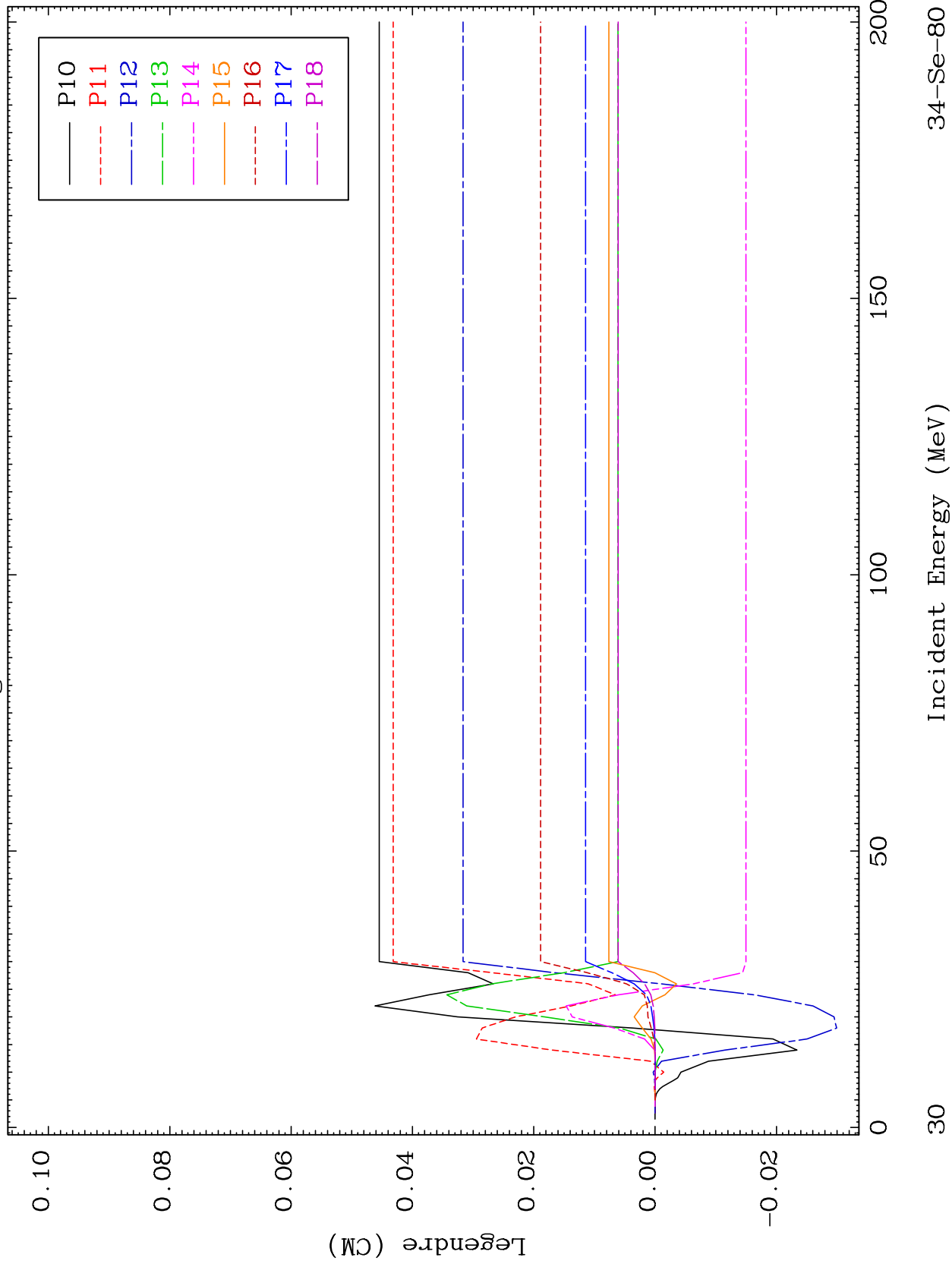
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80

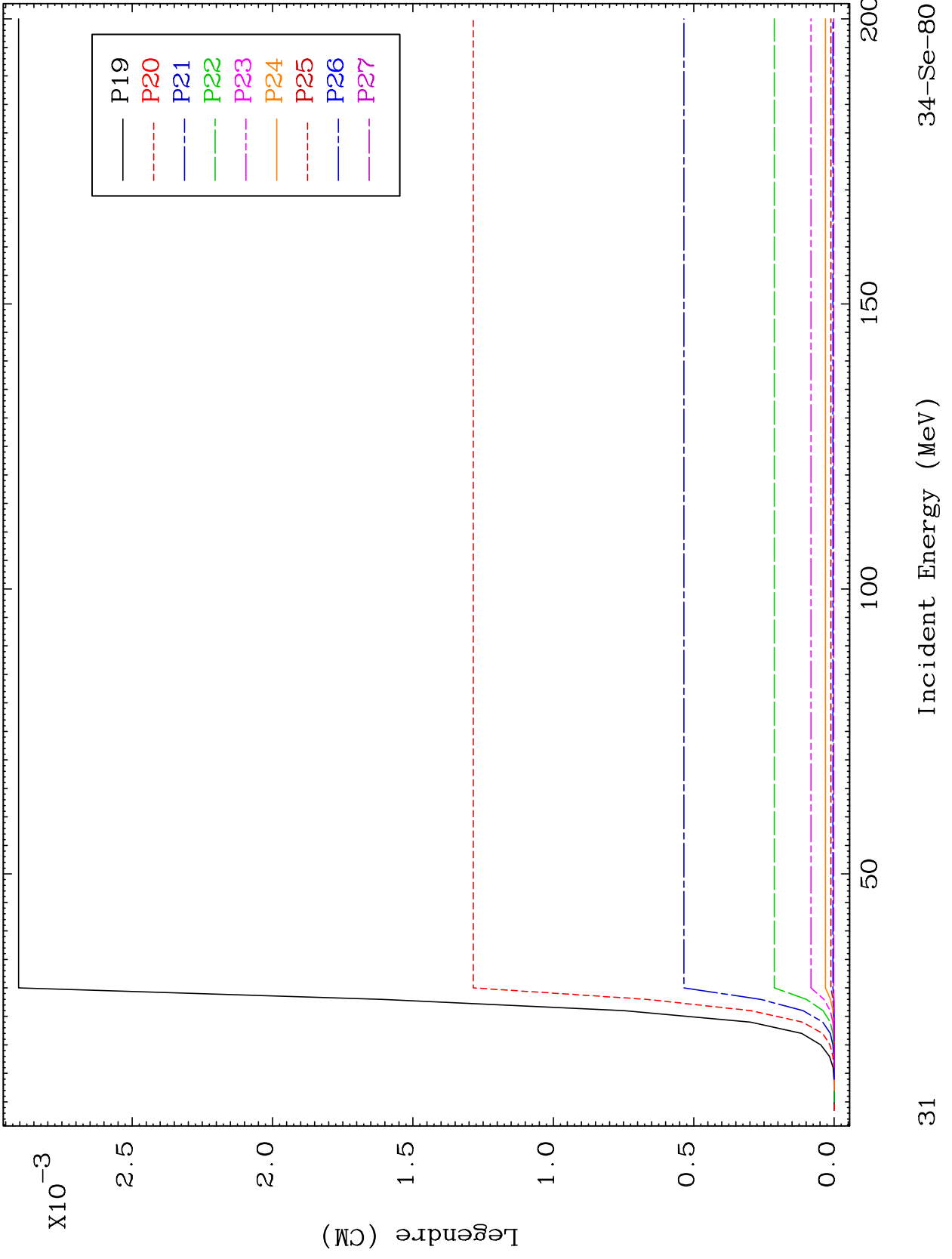


³⁴Se-80

MAT 3443

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

³⁴Se-80



31

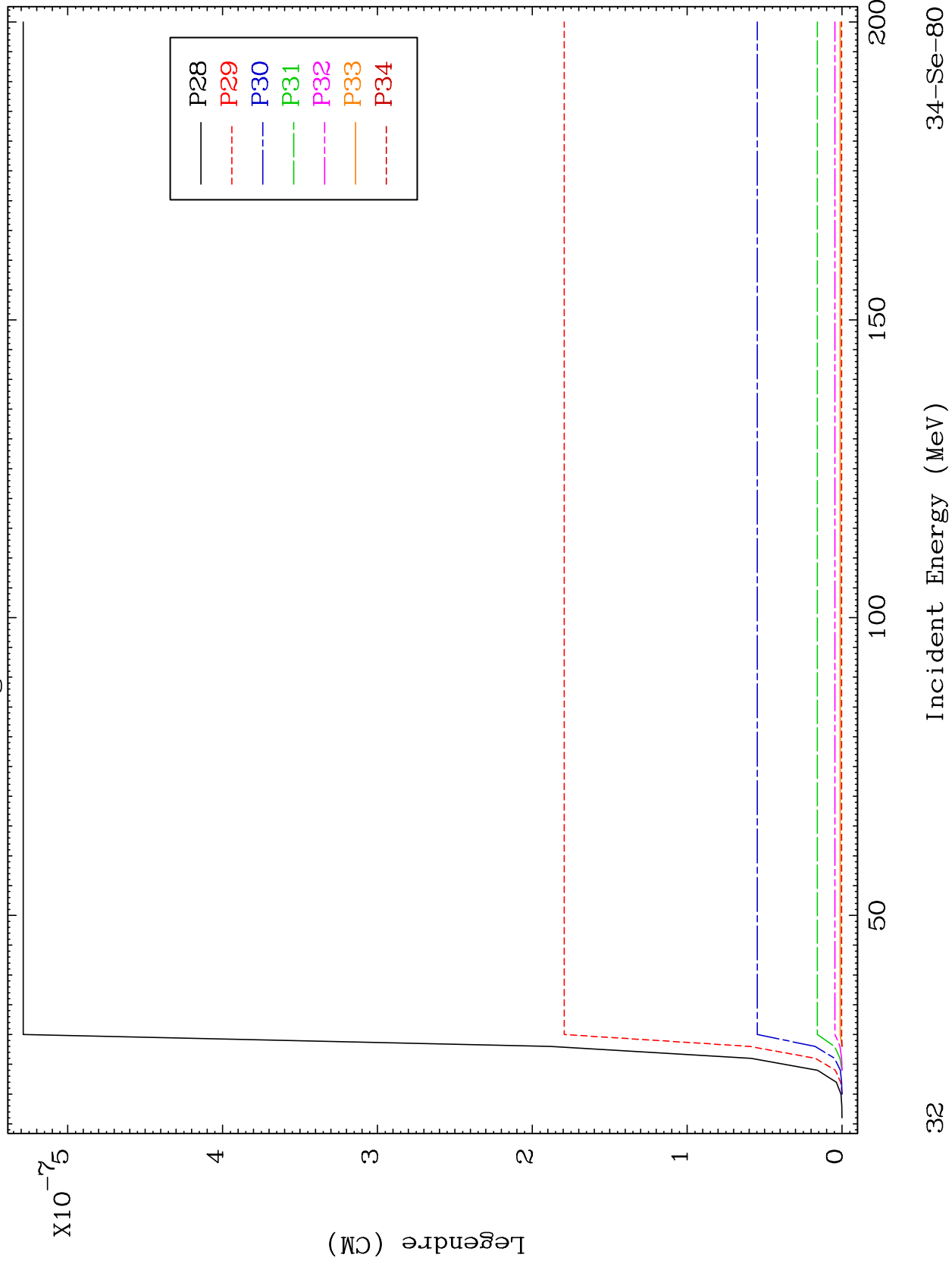
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



32

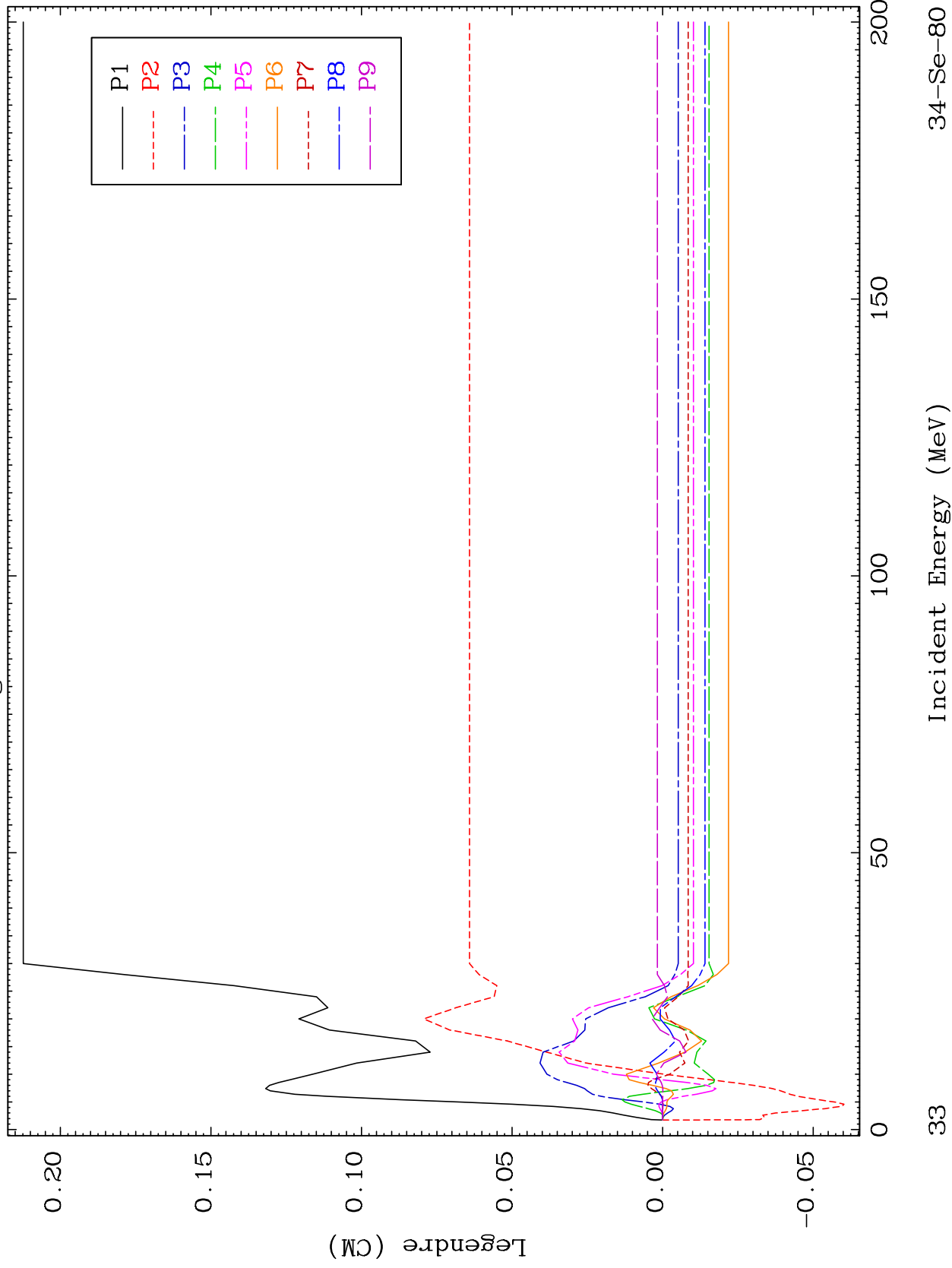
Incident Energy (MeV)

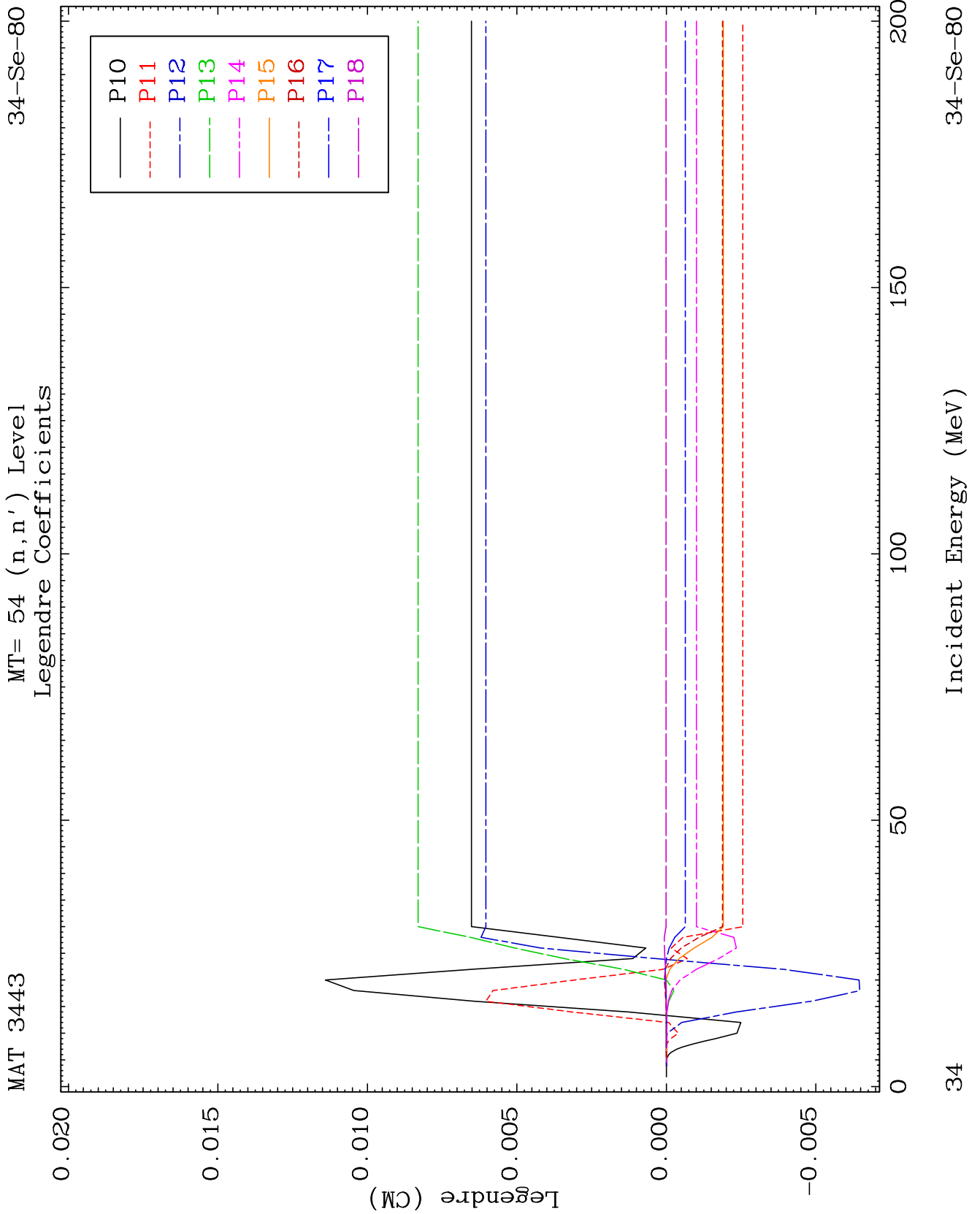
³⁴Se-80

MAT 3443

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

³⁴Se-80

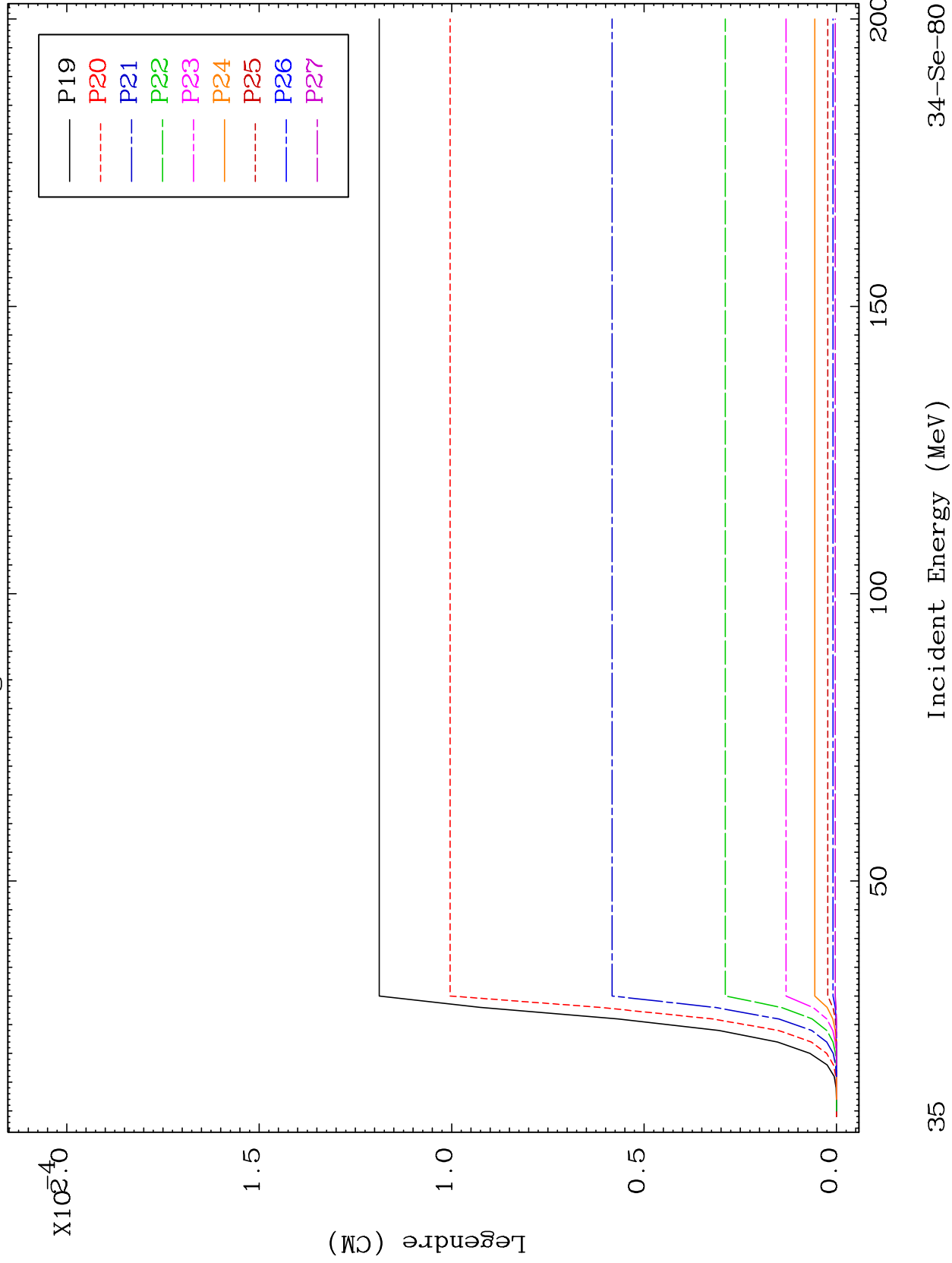




MAT 3443

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

³⁴Se-80



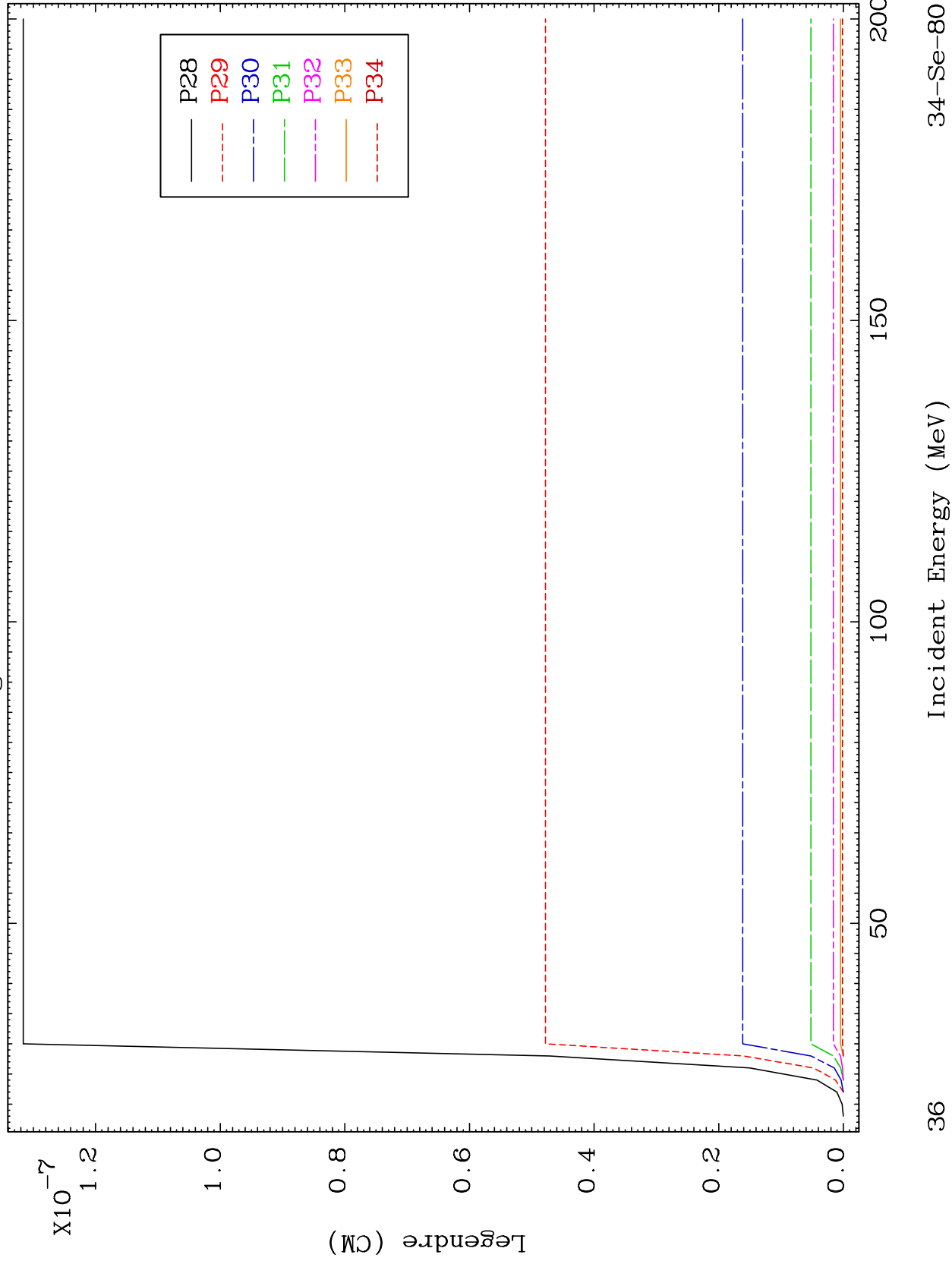
35

³⁴Se-80

MAT 3443

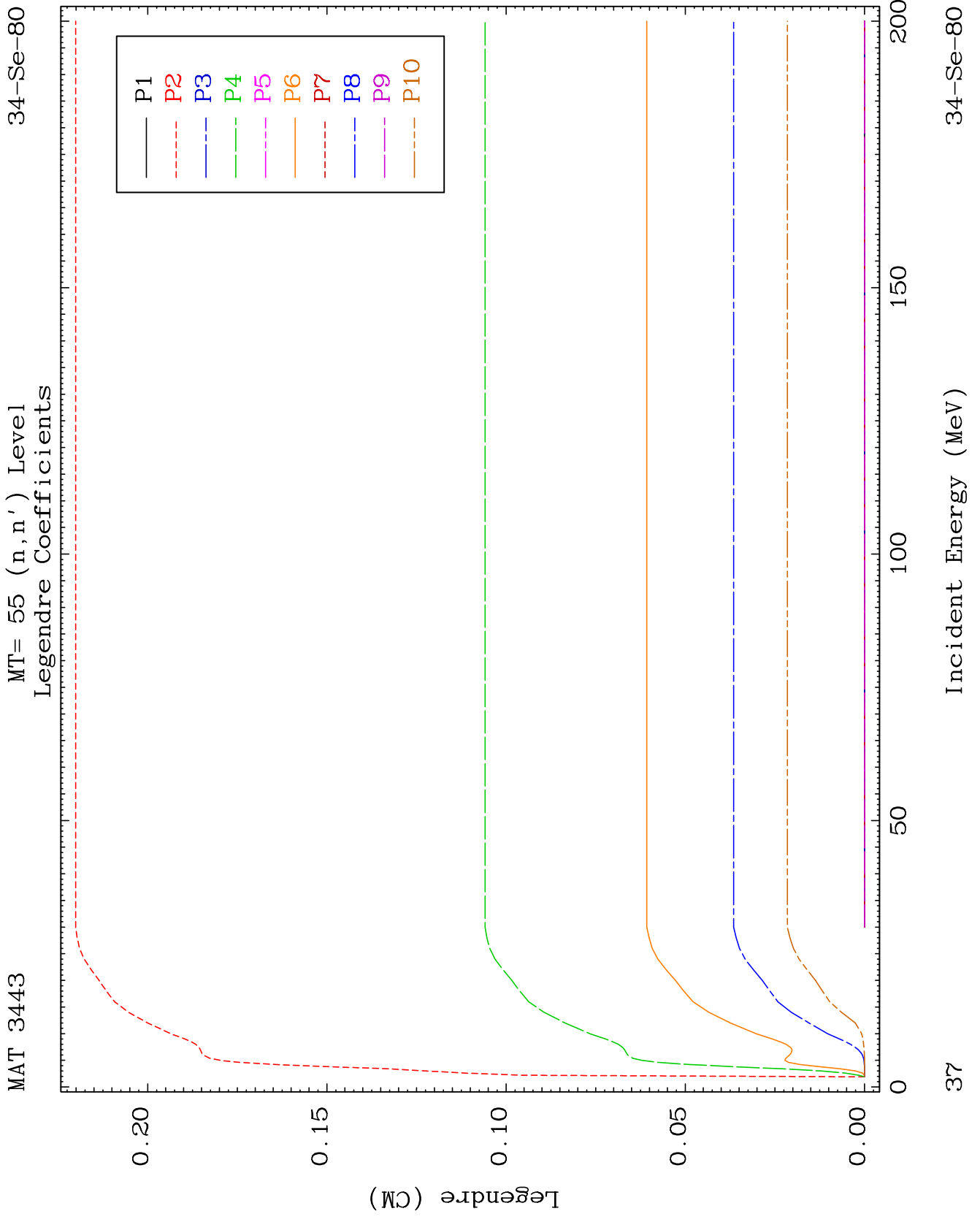
MT= 54 (n,n') Level
Legendre Coefficients

34-Se-80



36

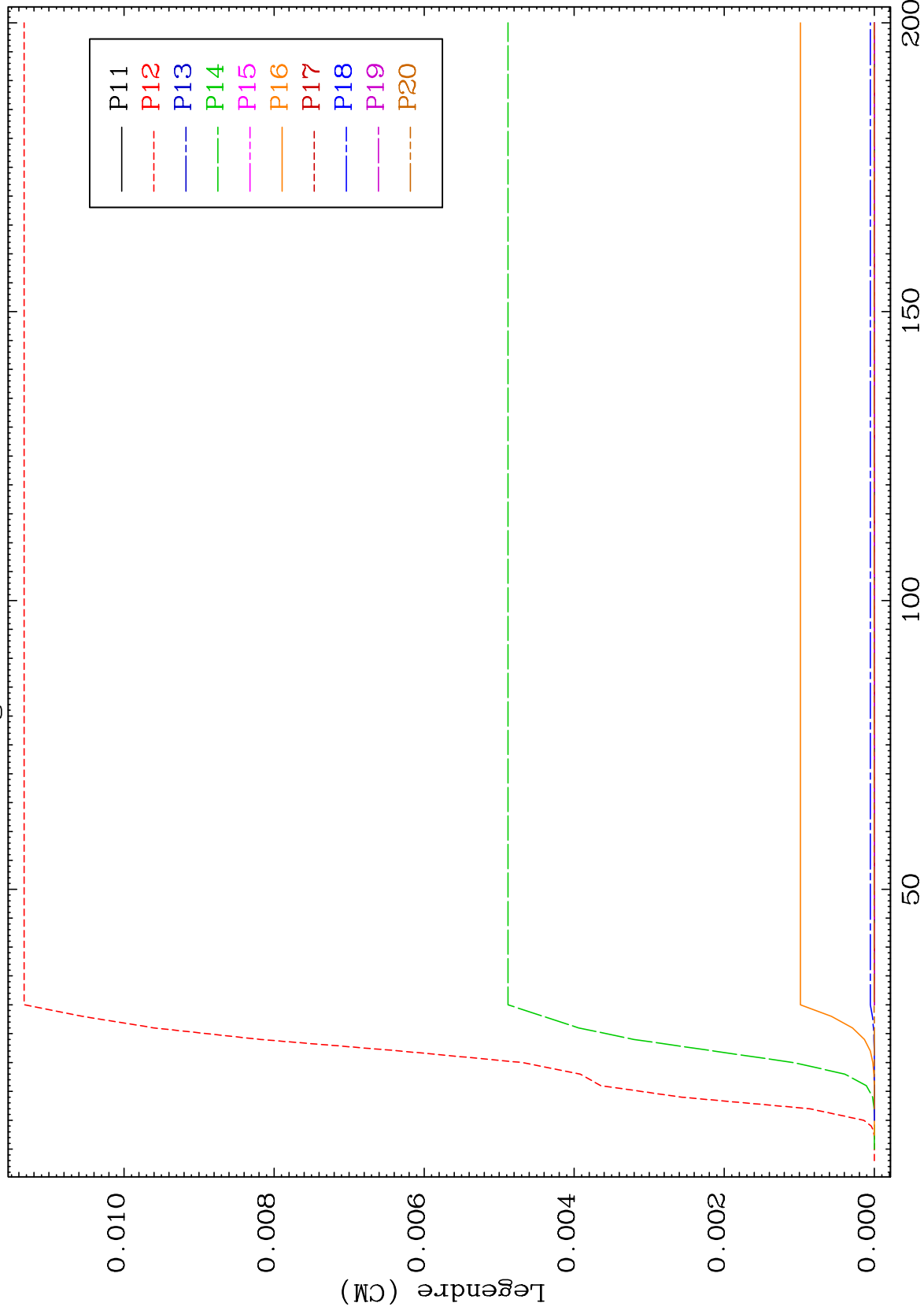
34-Se-80



MAT 3443

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

³⁴Se-80



38

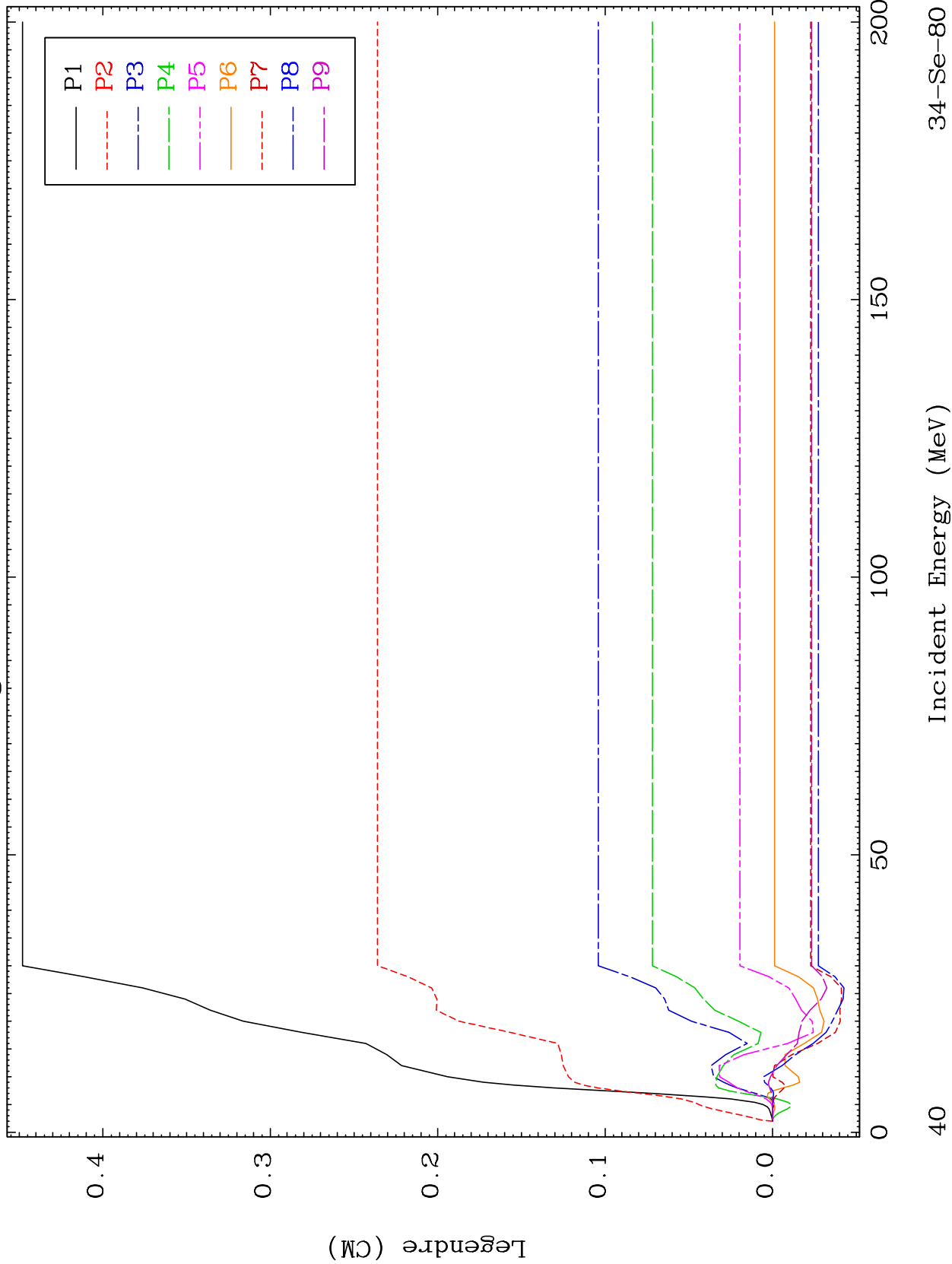
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80

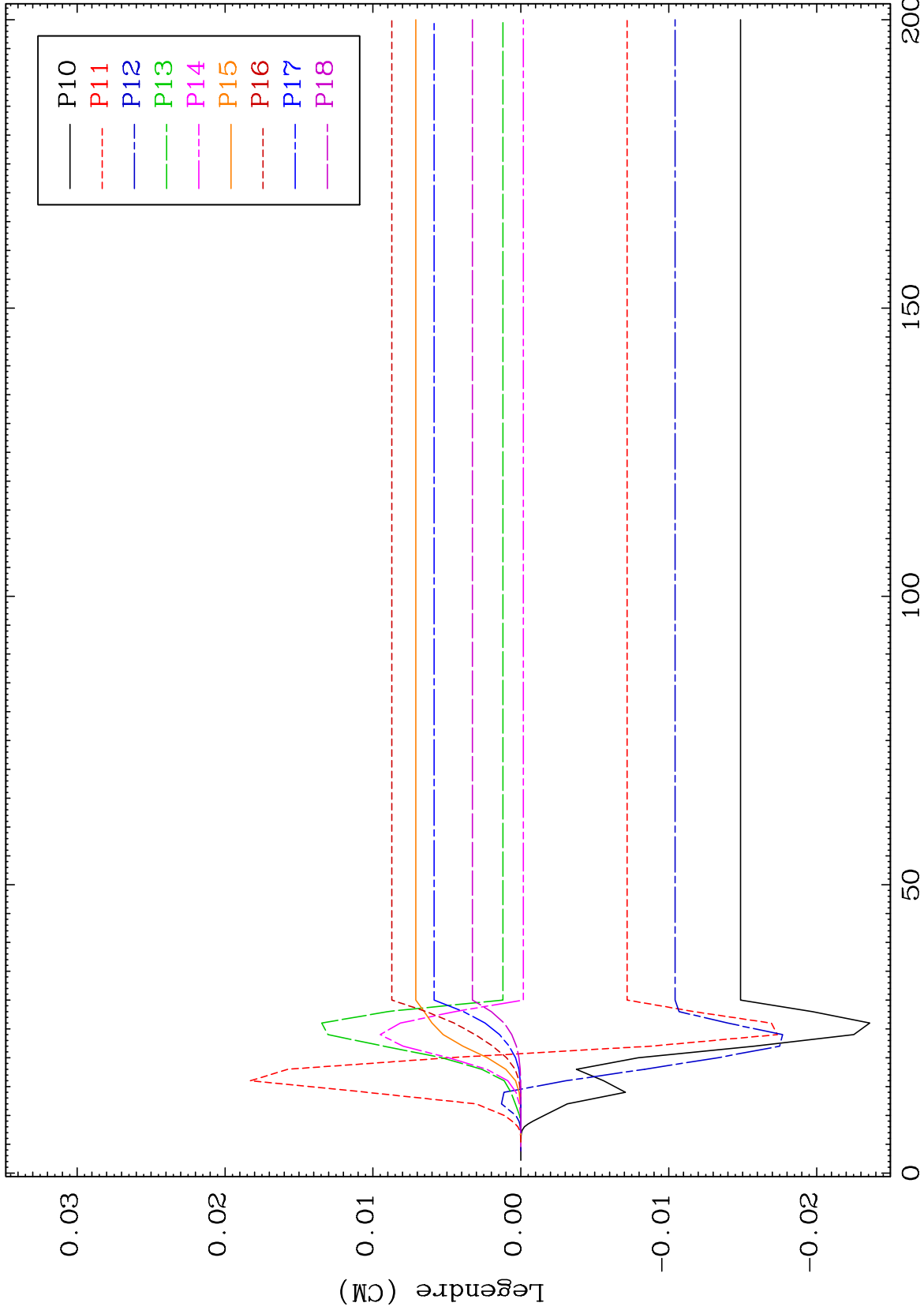


³⁴Se-80

MAT 3443

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

³⁴Se-80



41

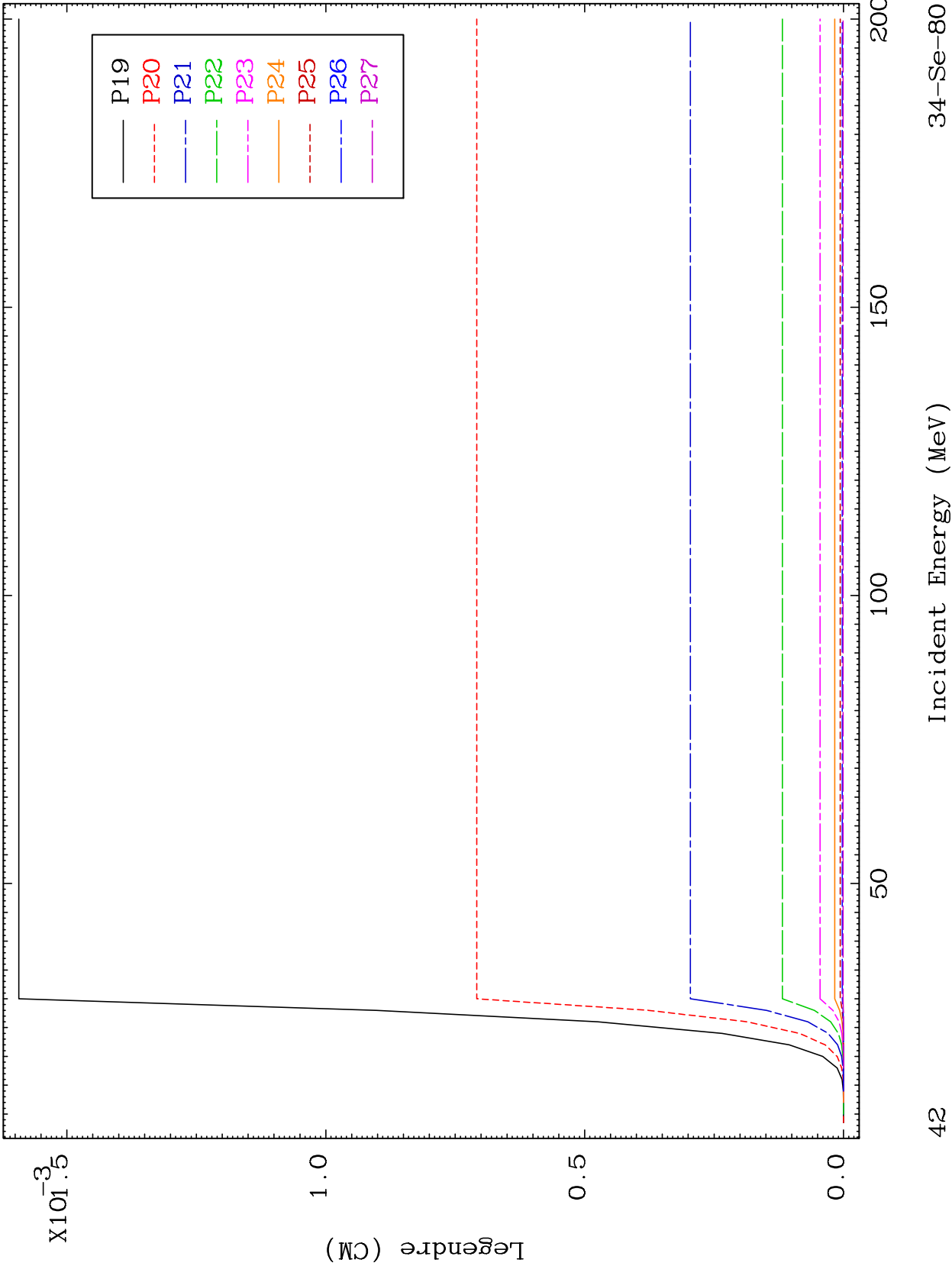
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



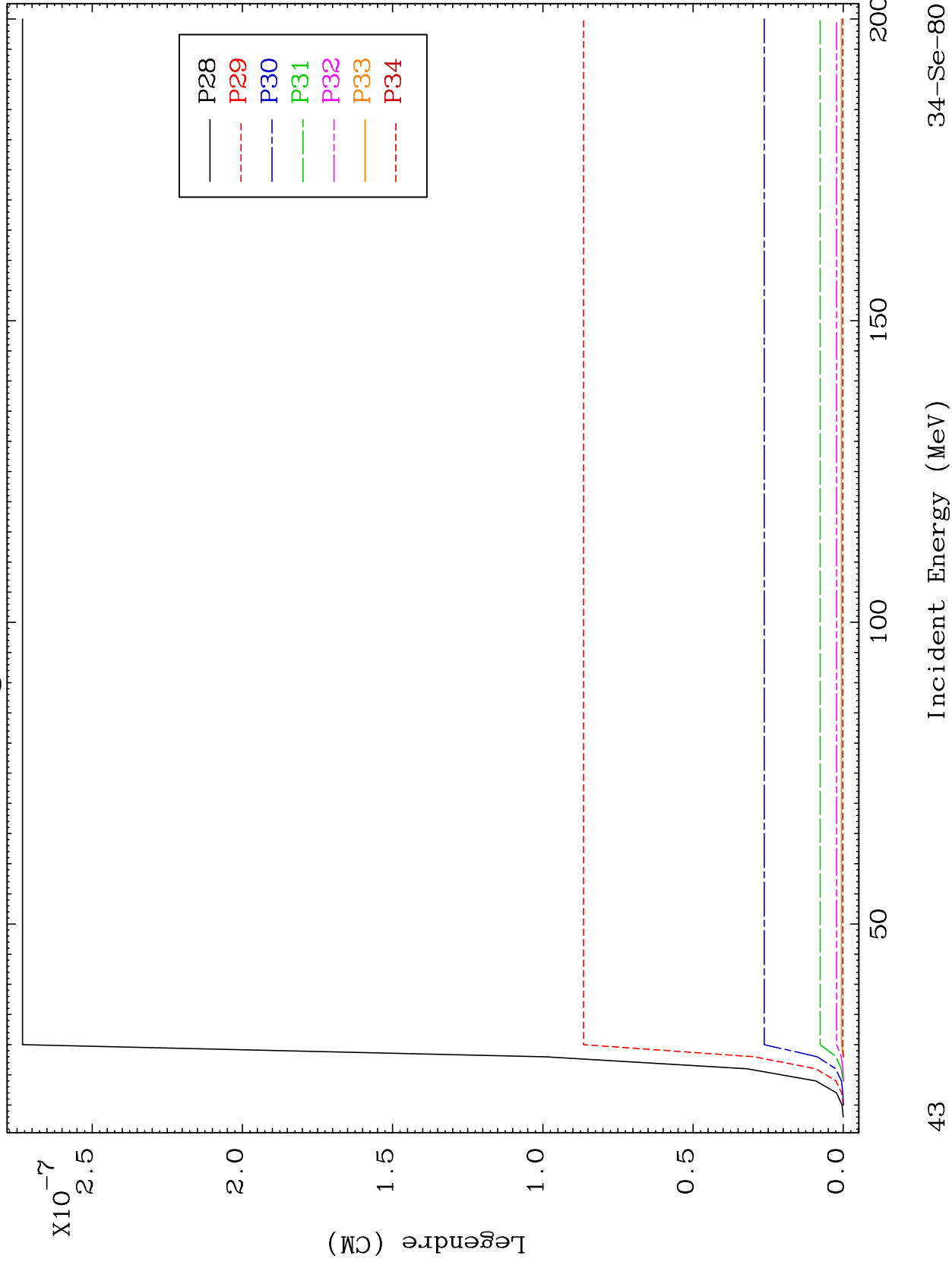
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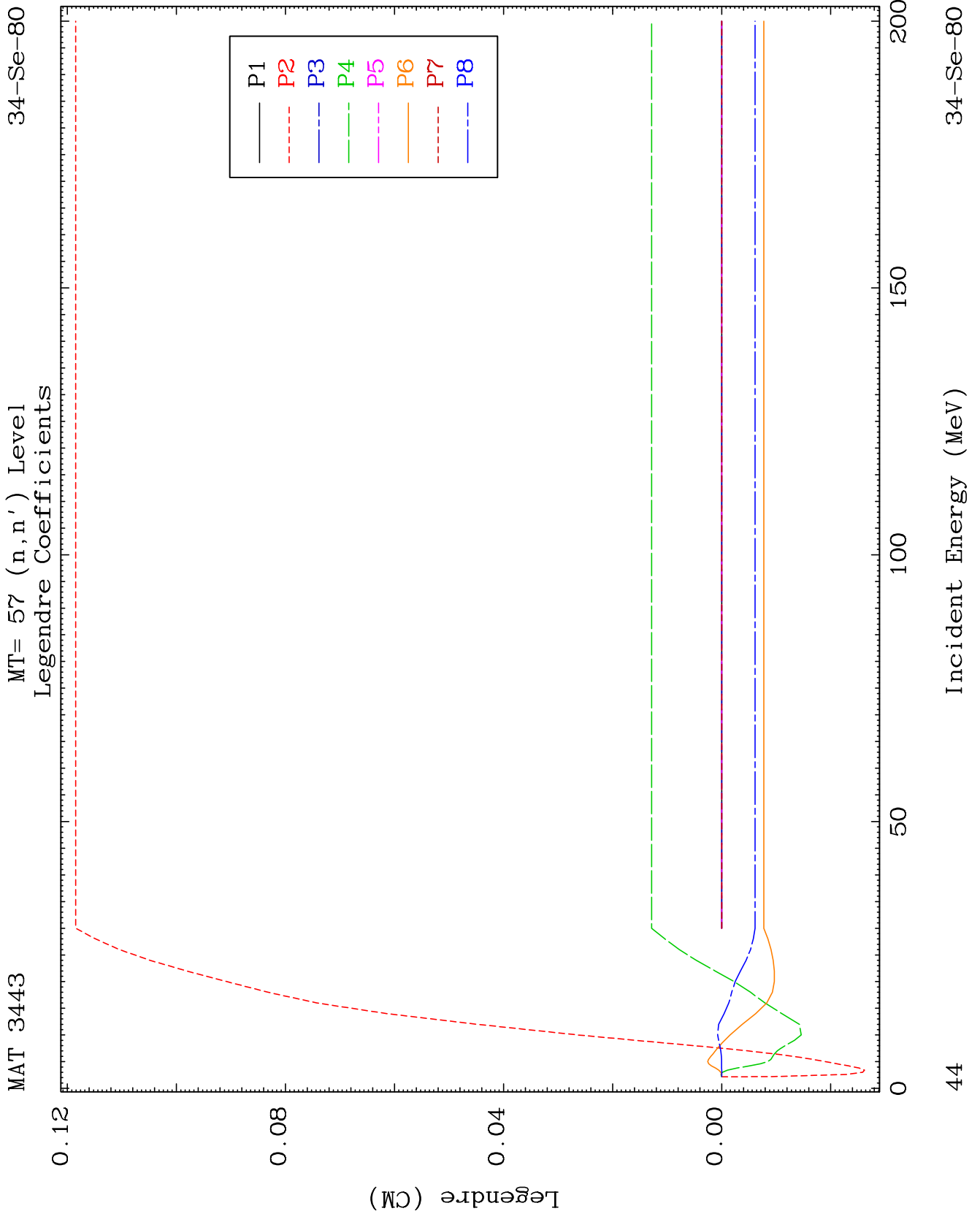
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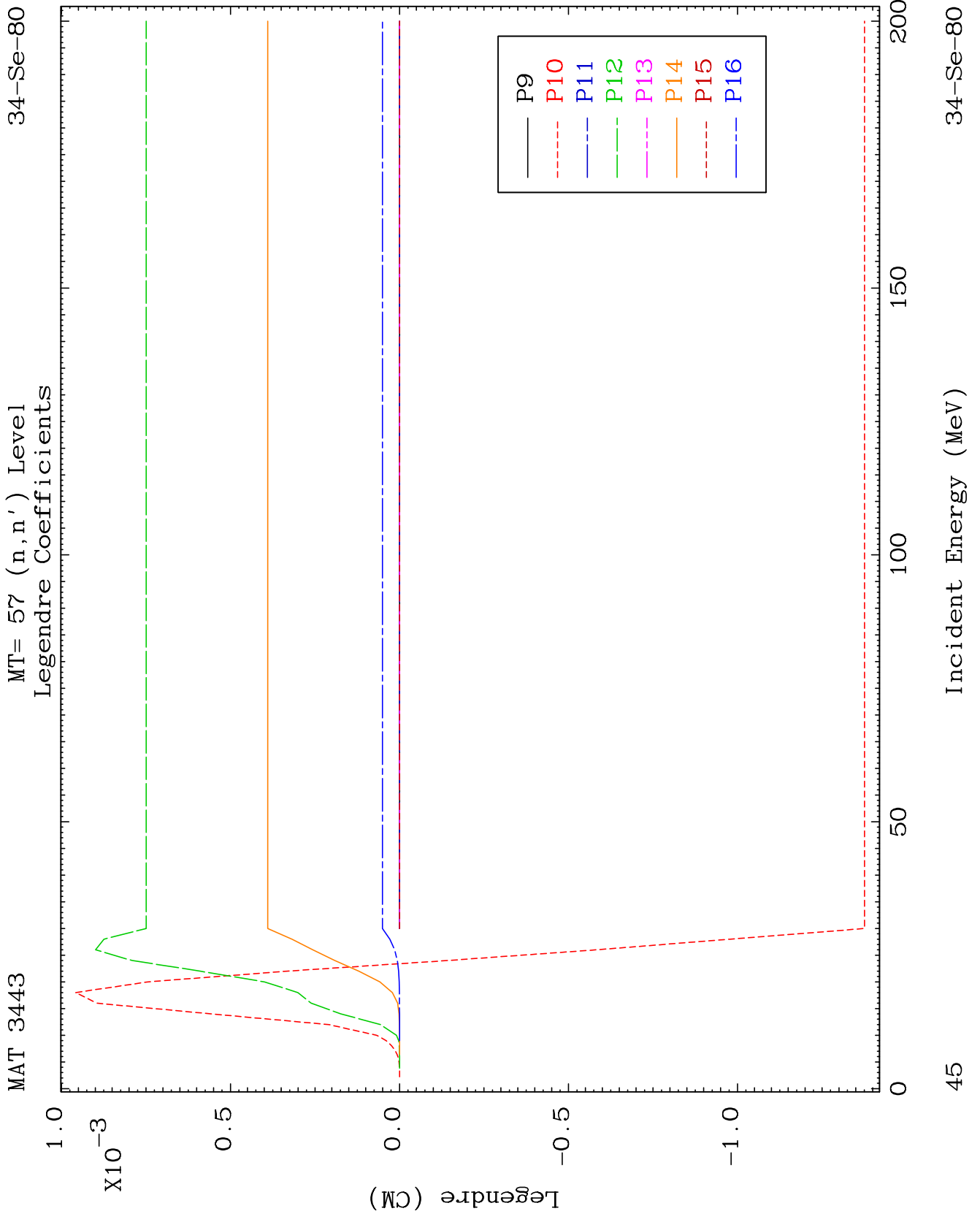
MAT 3443

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

34-Se-80



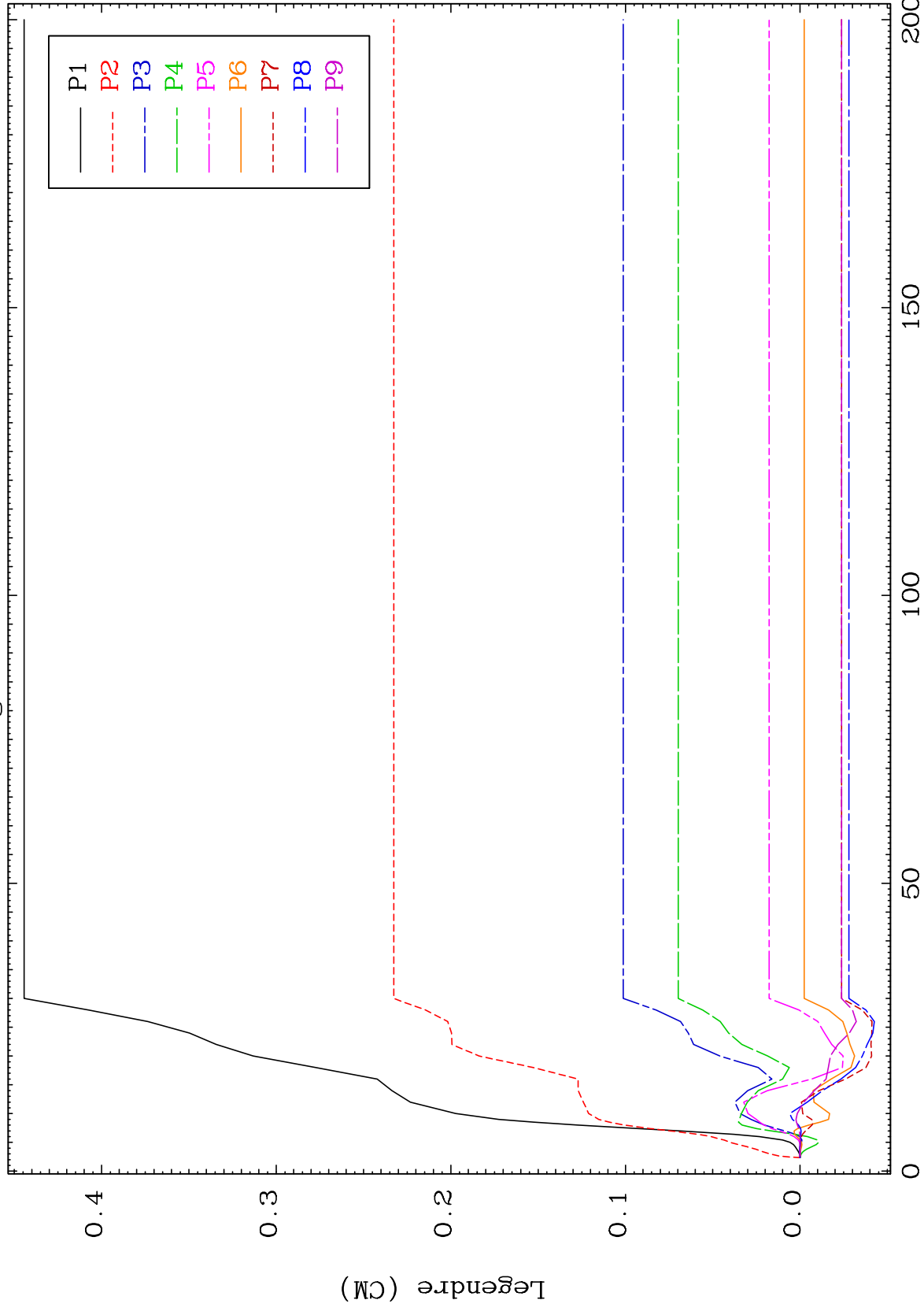




MAT 3443

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

³⁴Se-80



47

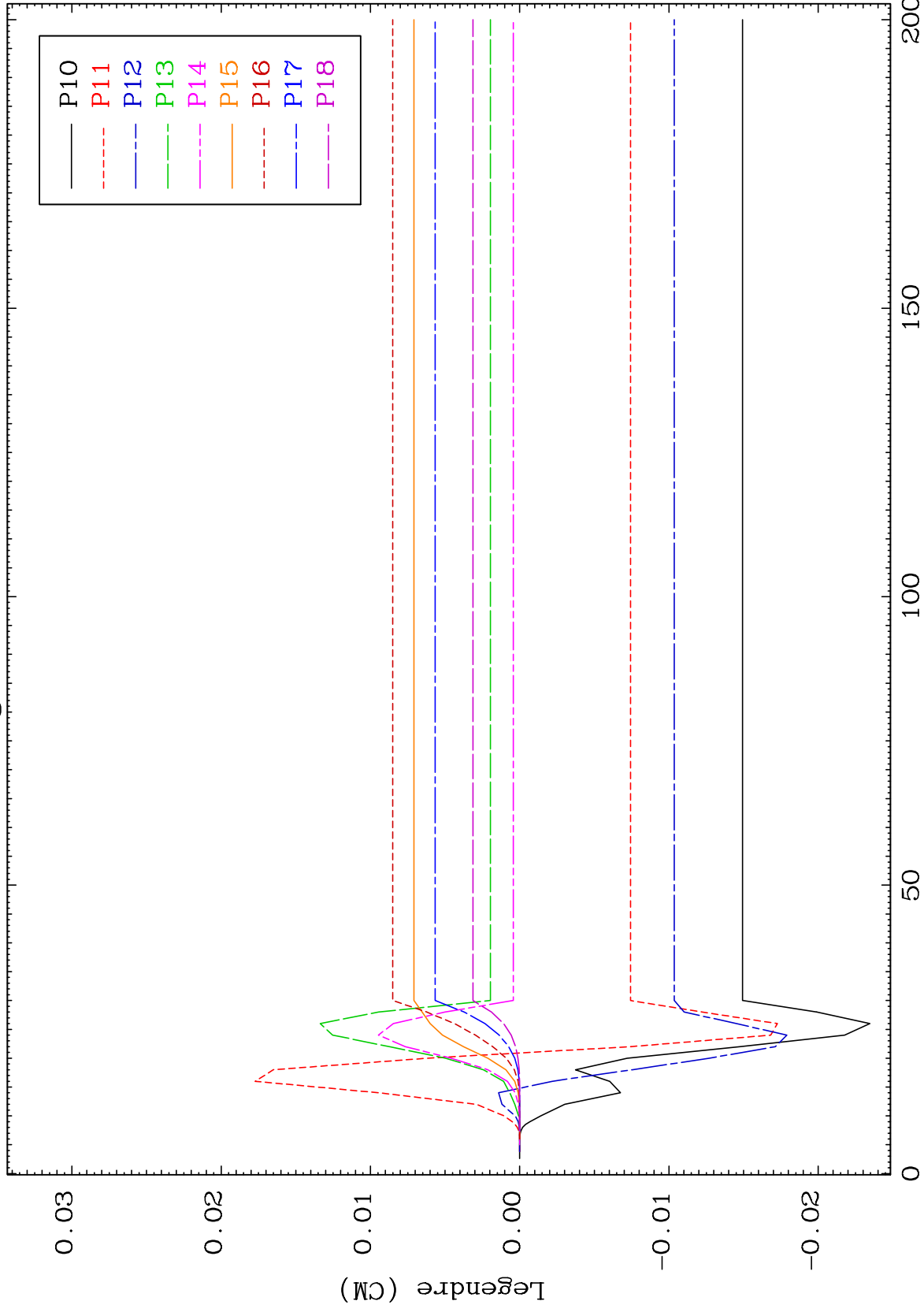
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



48

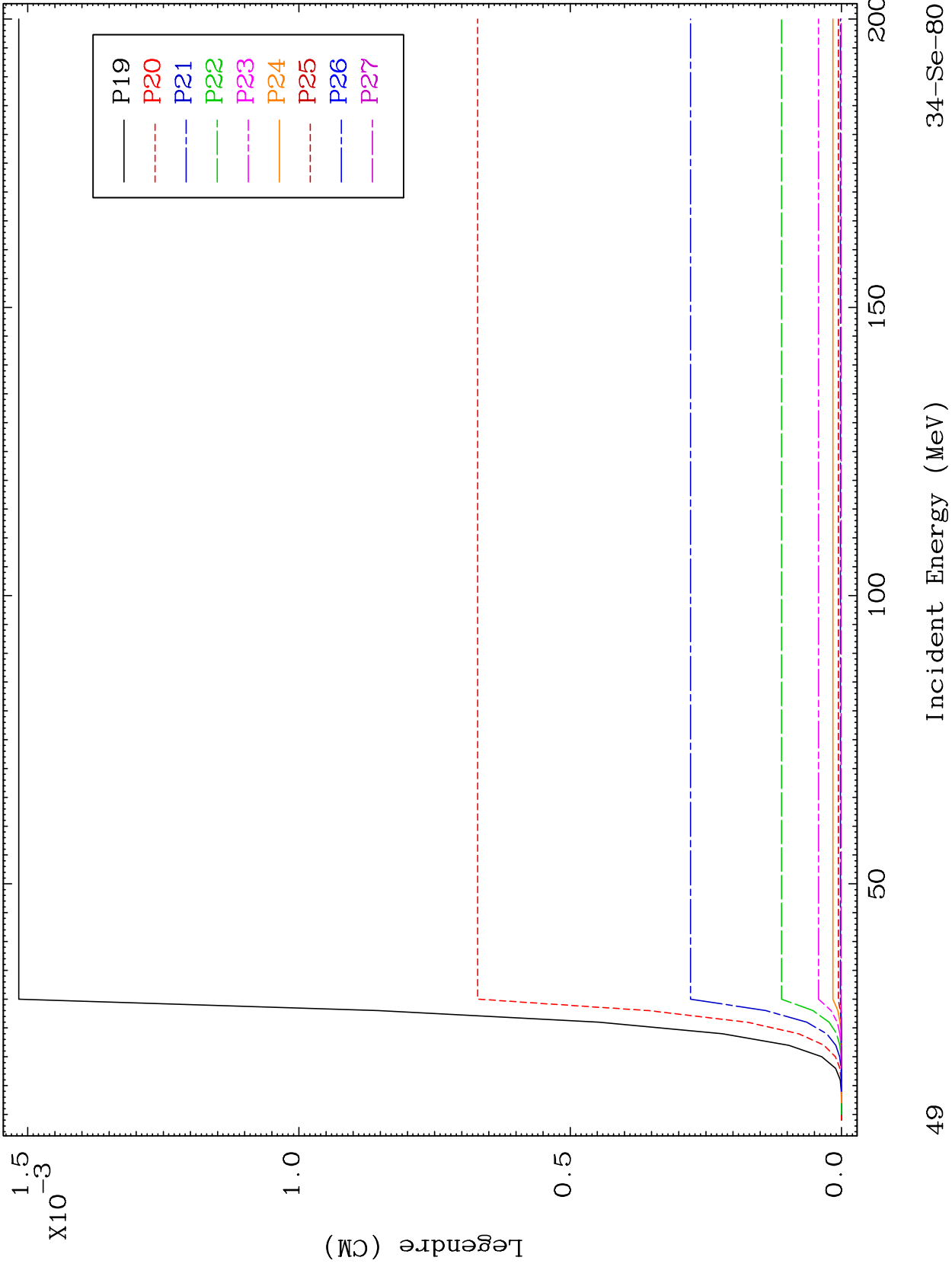
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



49

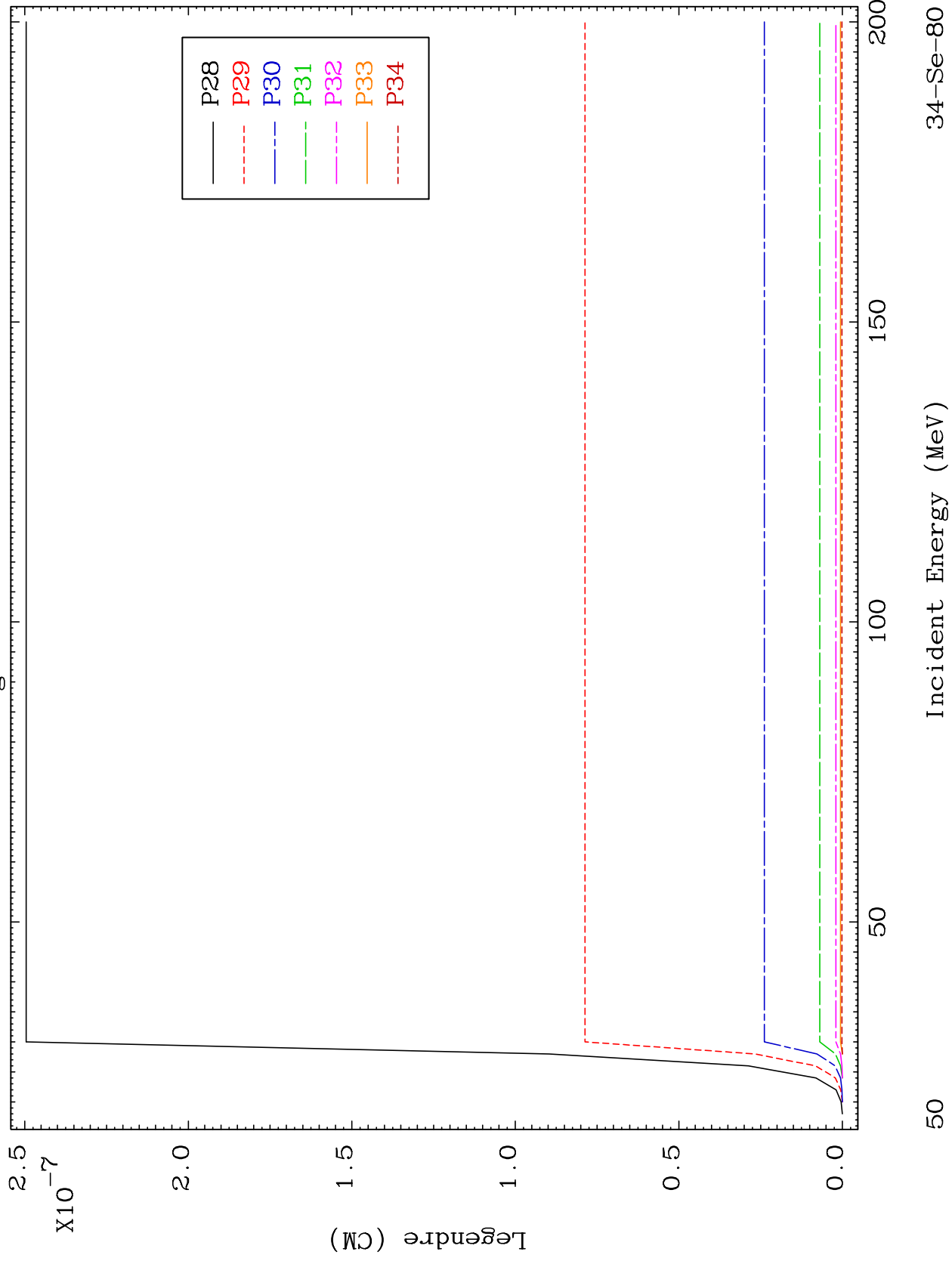
Incident Energy (MeV)

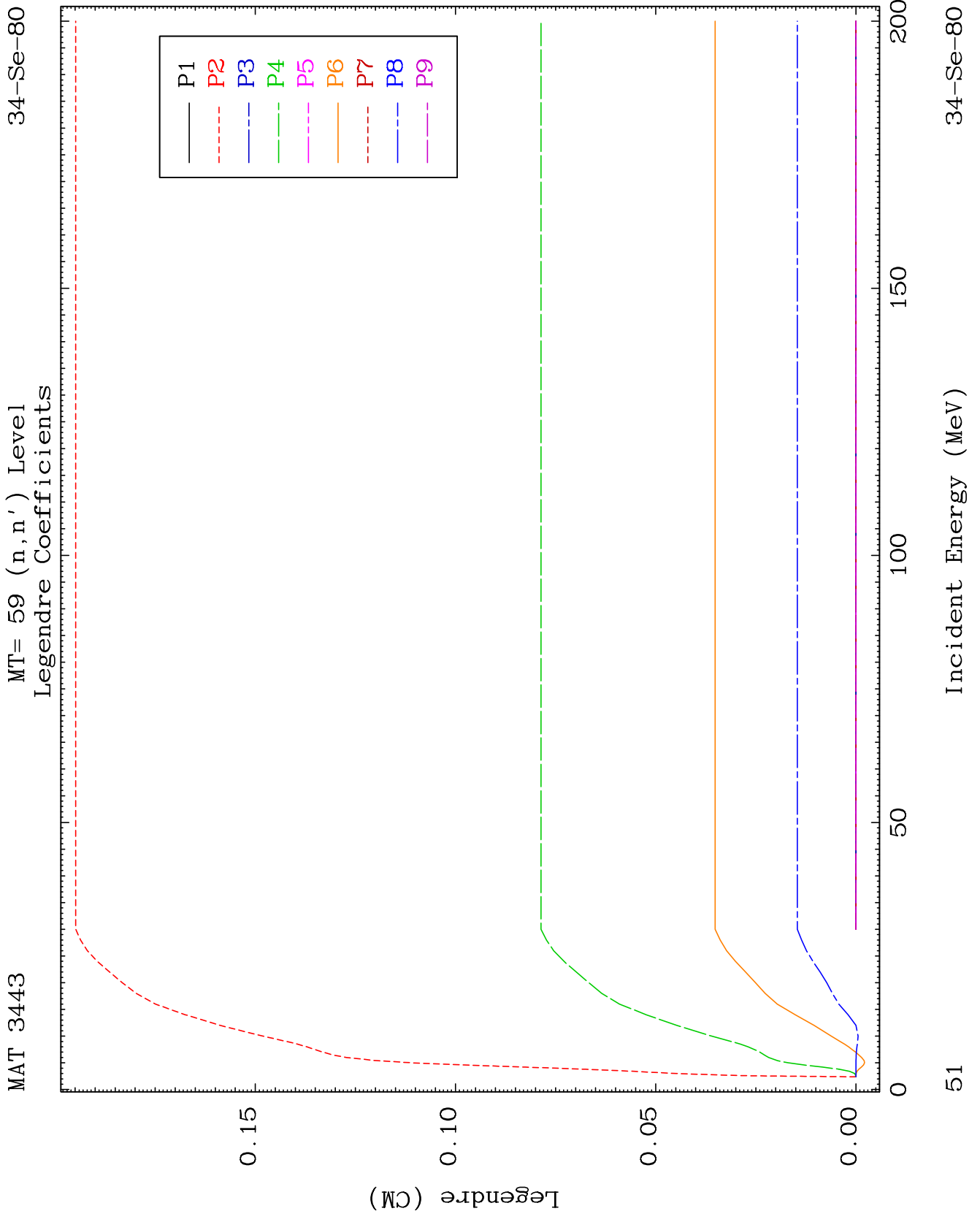
34-Se-80

MAT 3443

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

³⁴Se-80

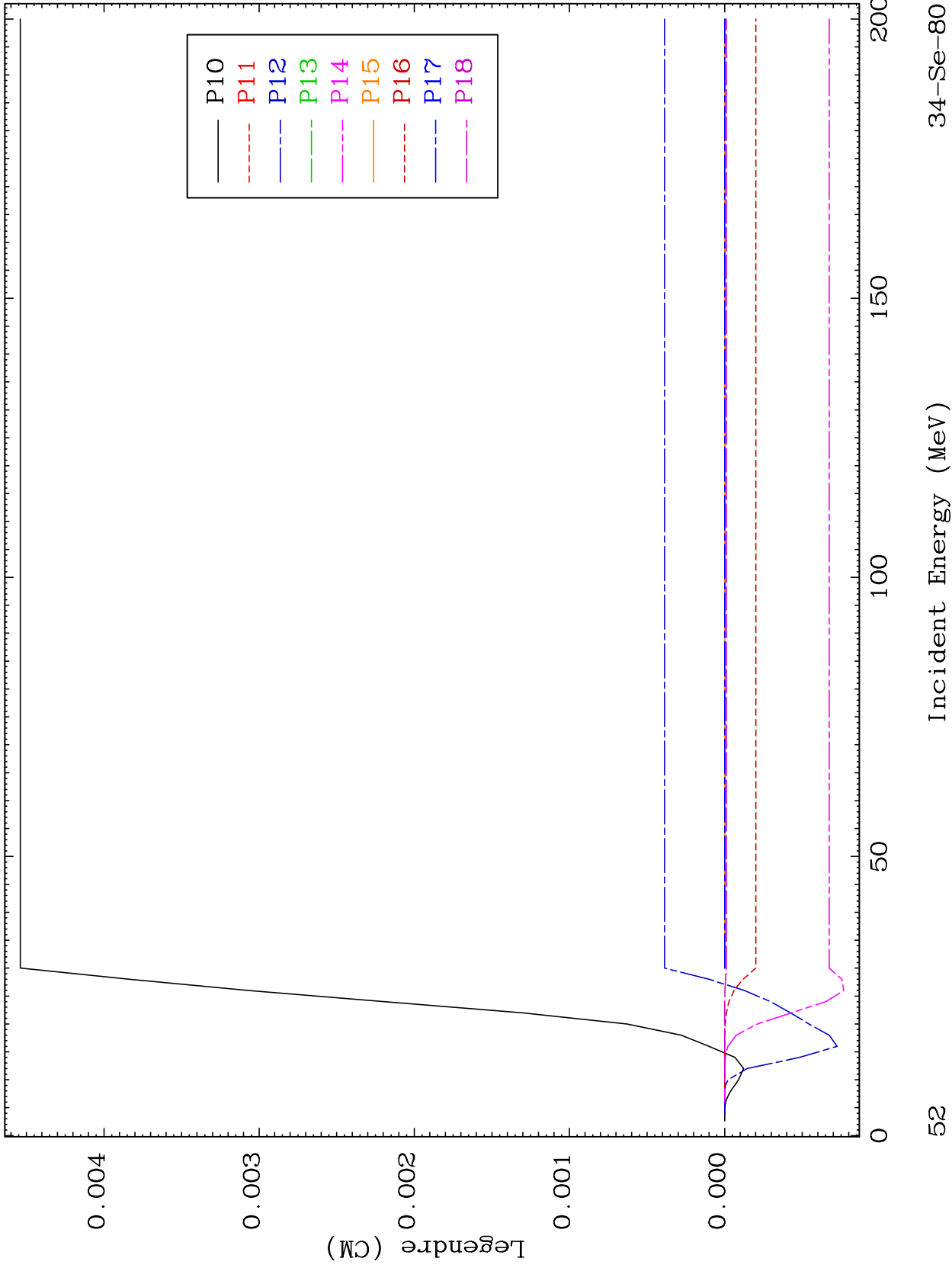




MAT 3443

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

³⁴Se-80



52

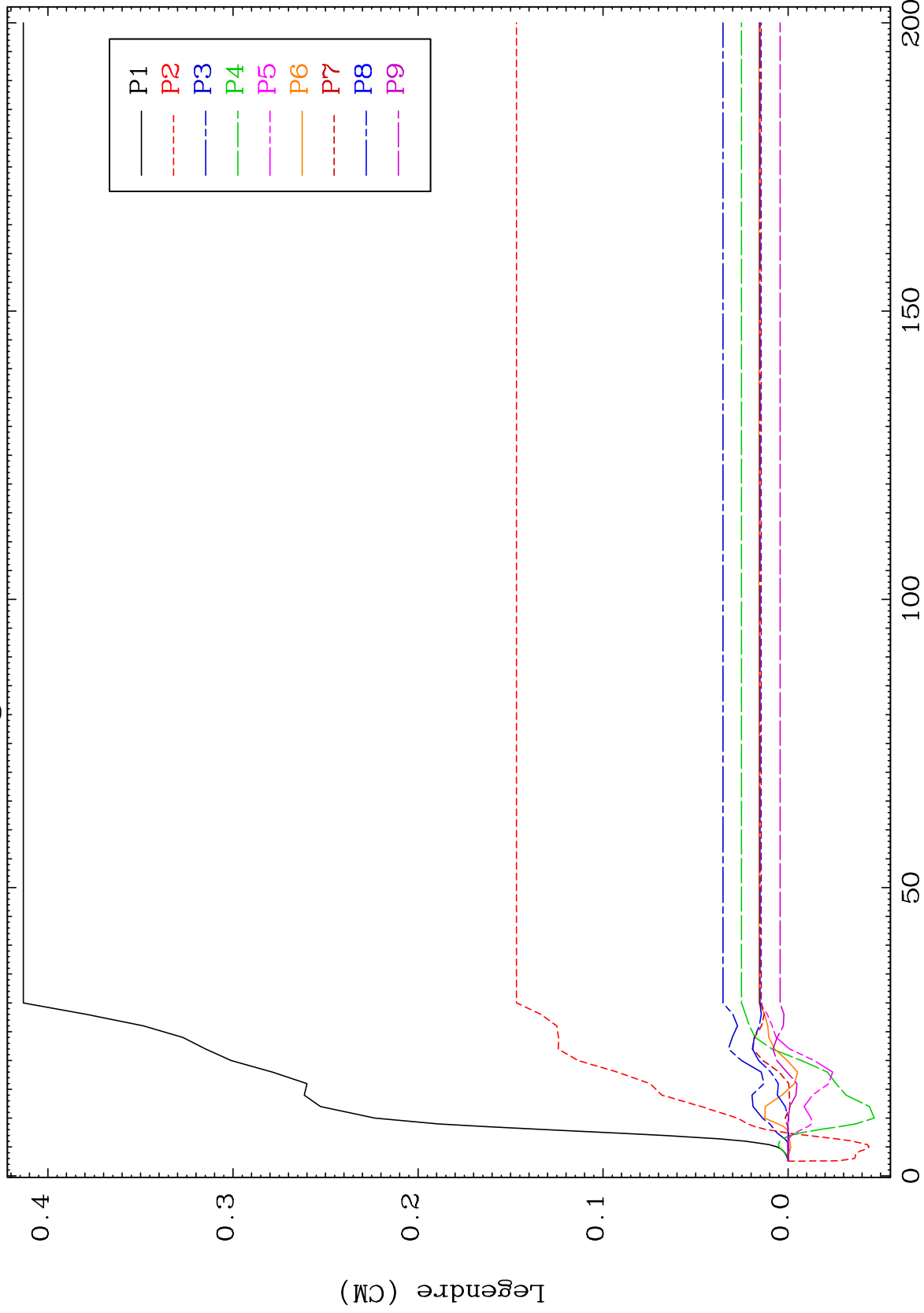
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



54

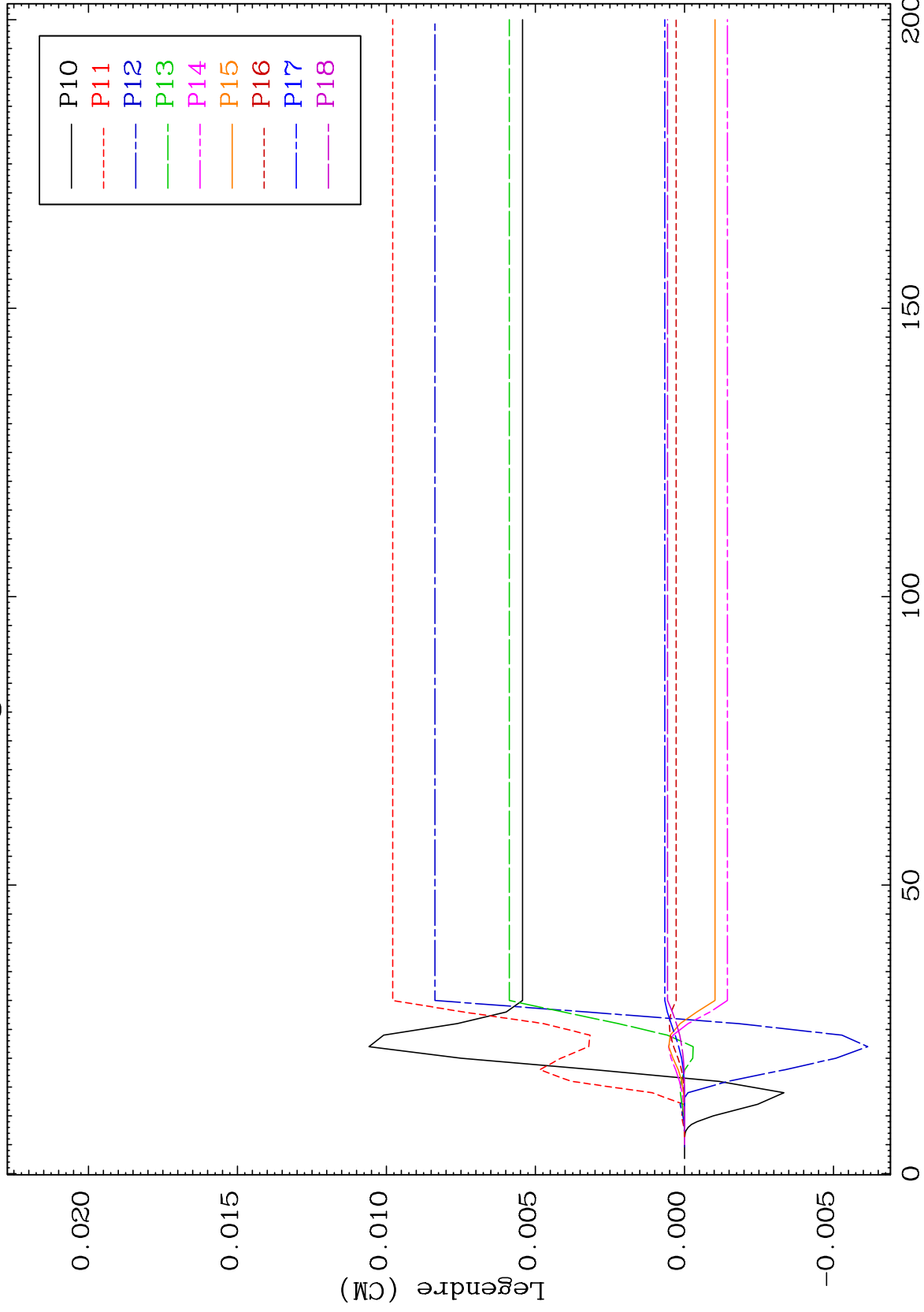
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



55

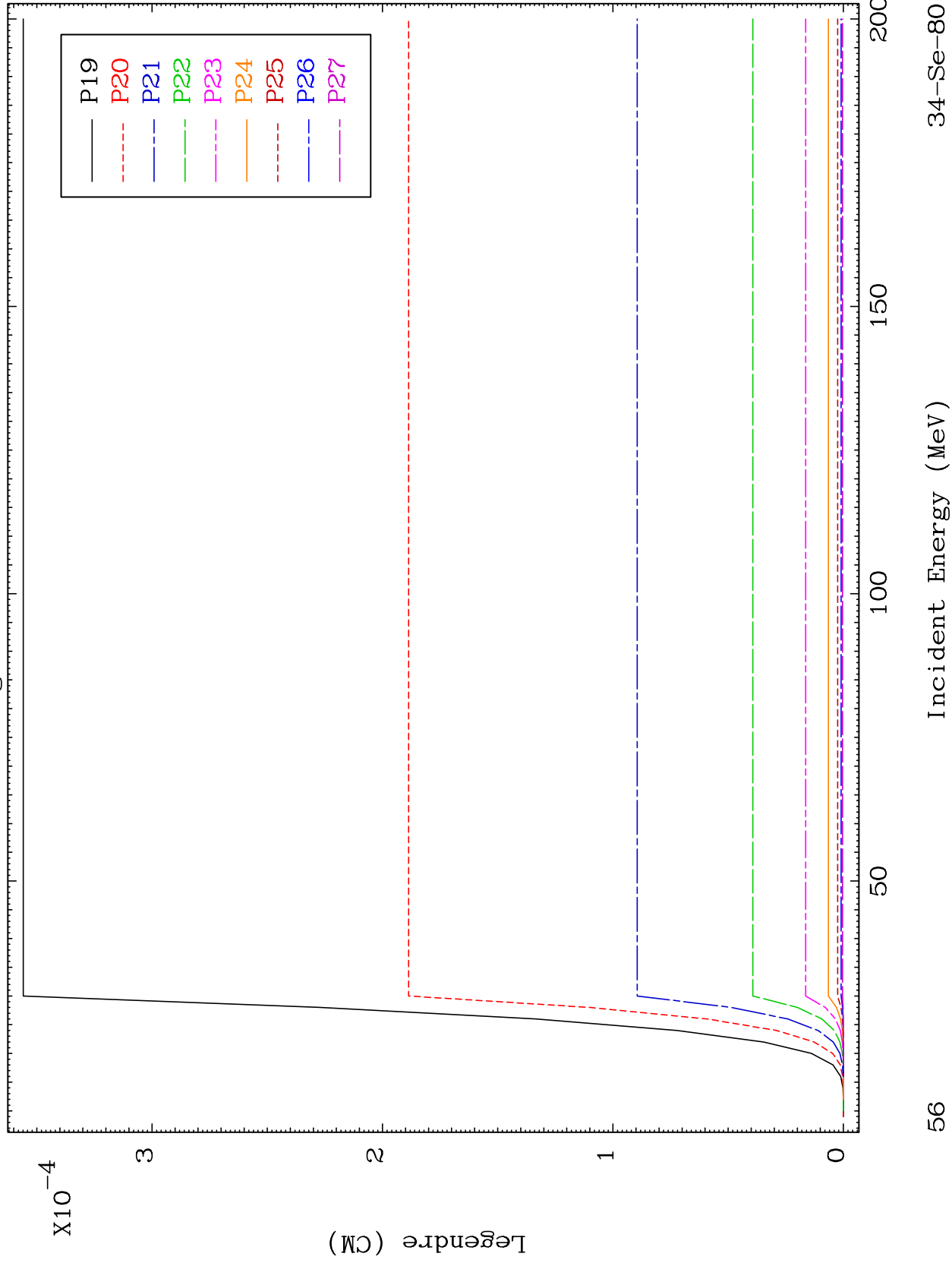
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



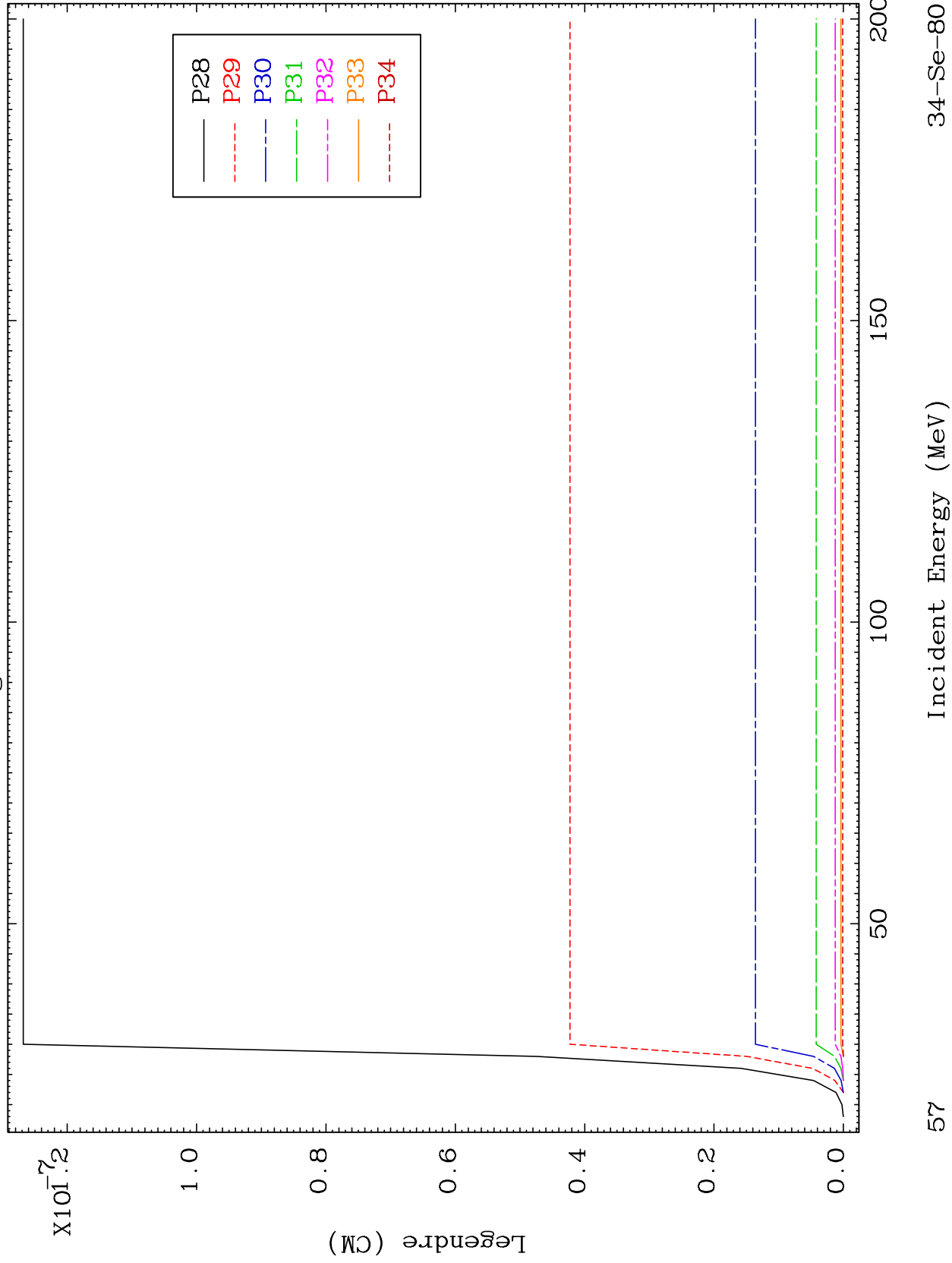
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³⁴Se-80

MAT 3443

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

³⁴Se-80



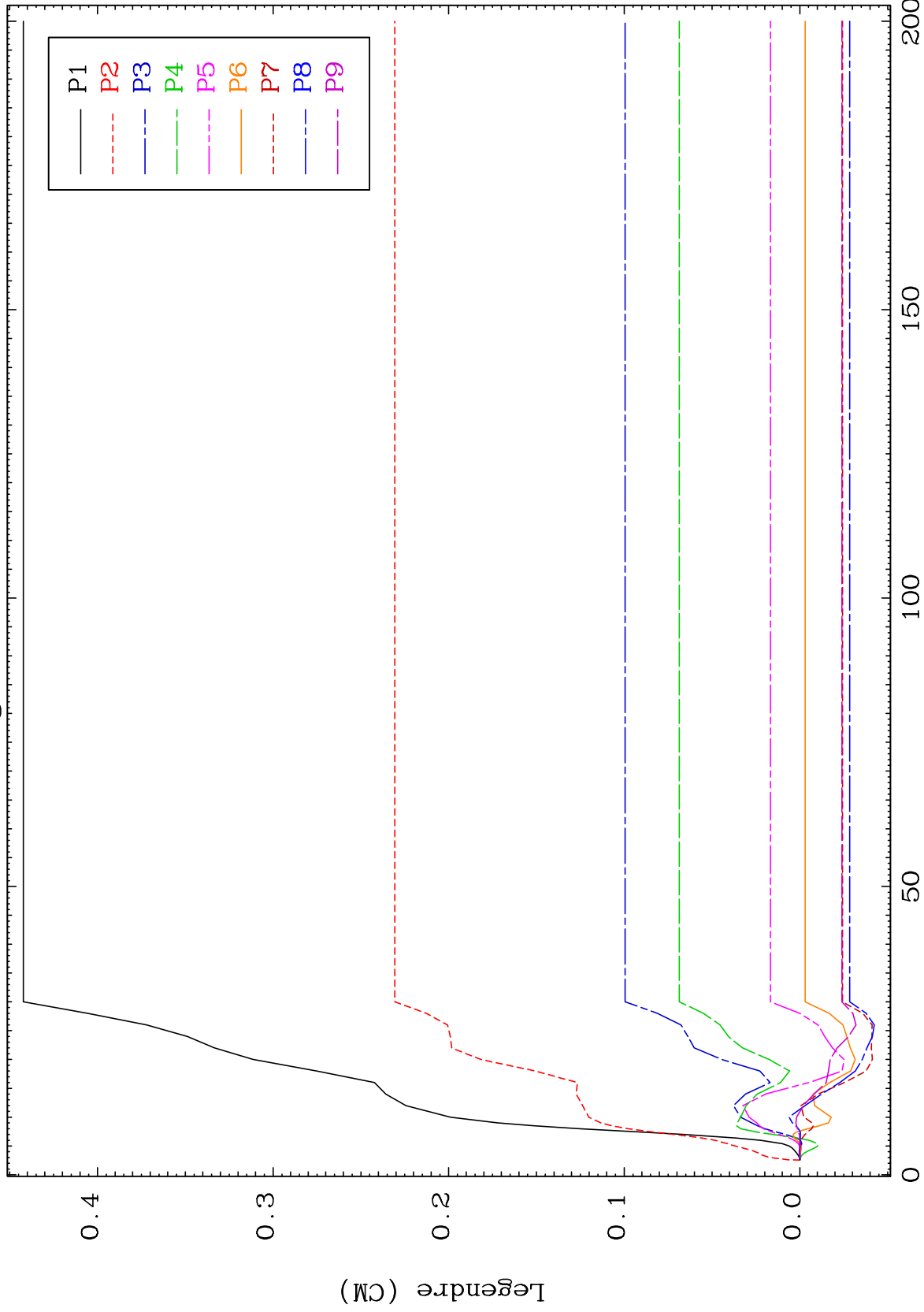
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³⁴Se-80

MAT 3443

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

³⁴Se-80



58

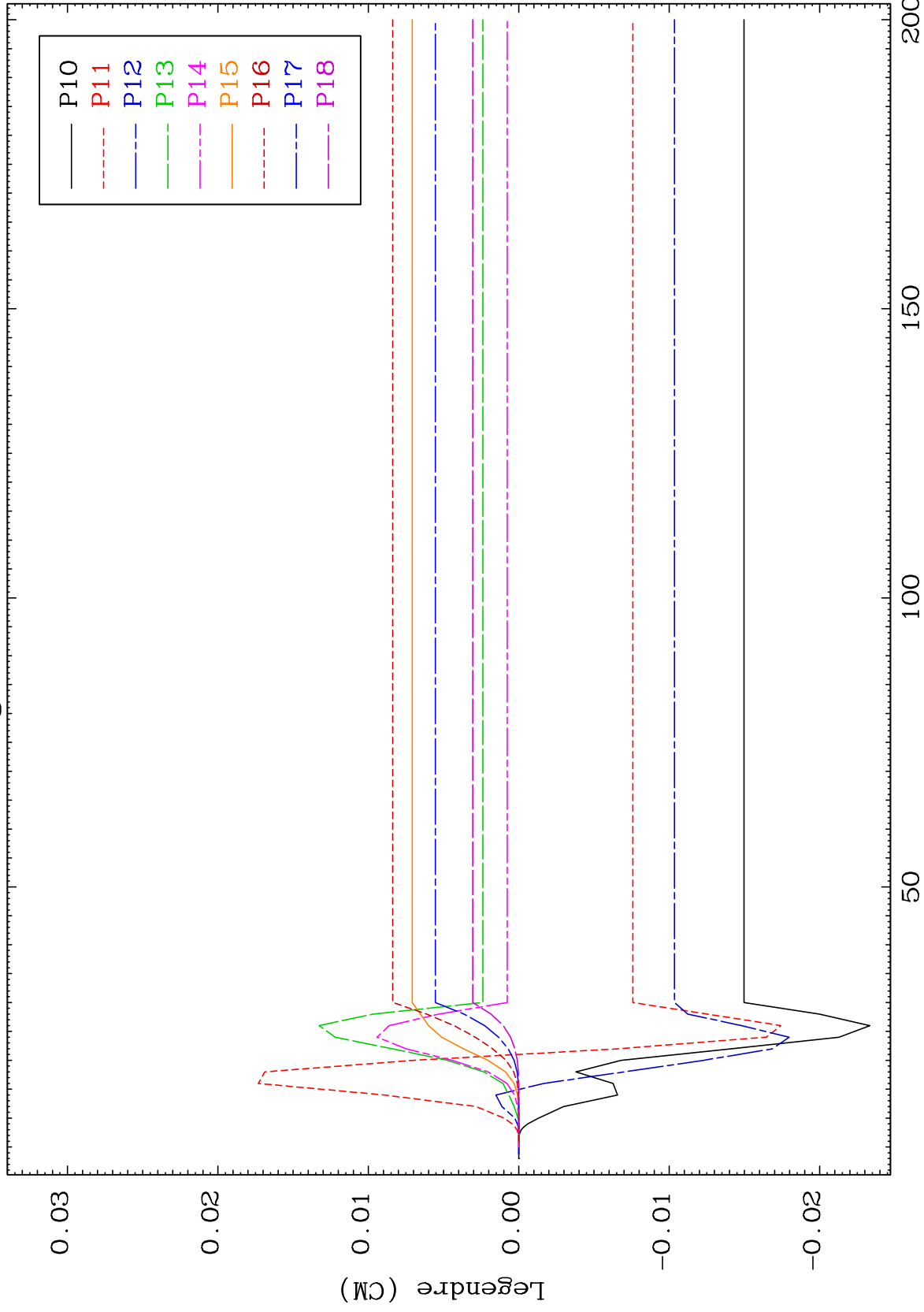
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

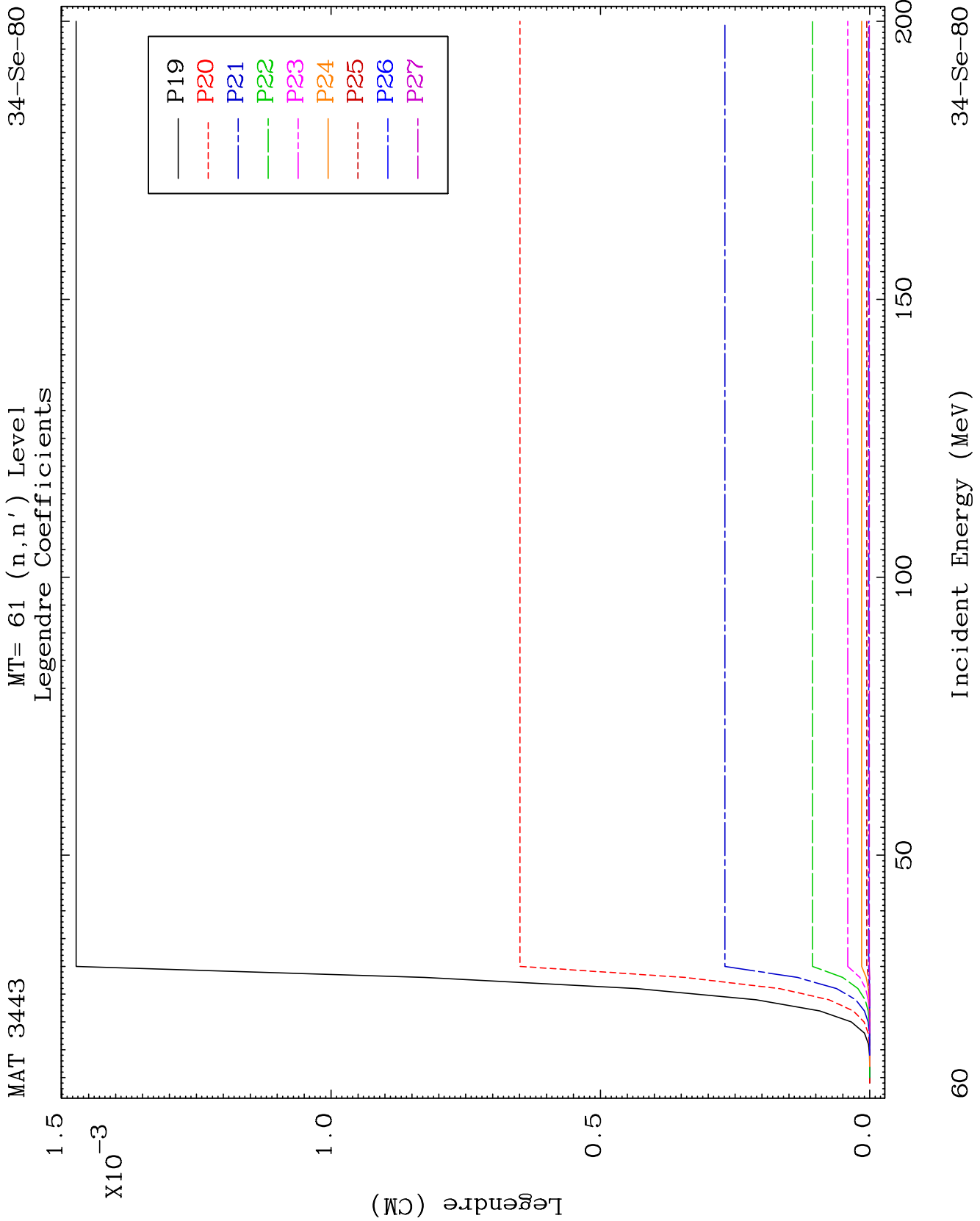
³⁴Se-80



59

Incident Energy (MeV)

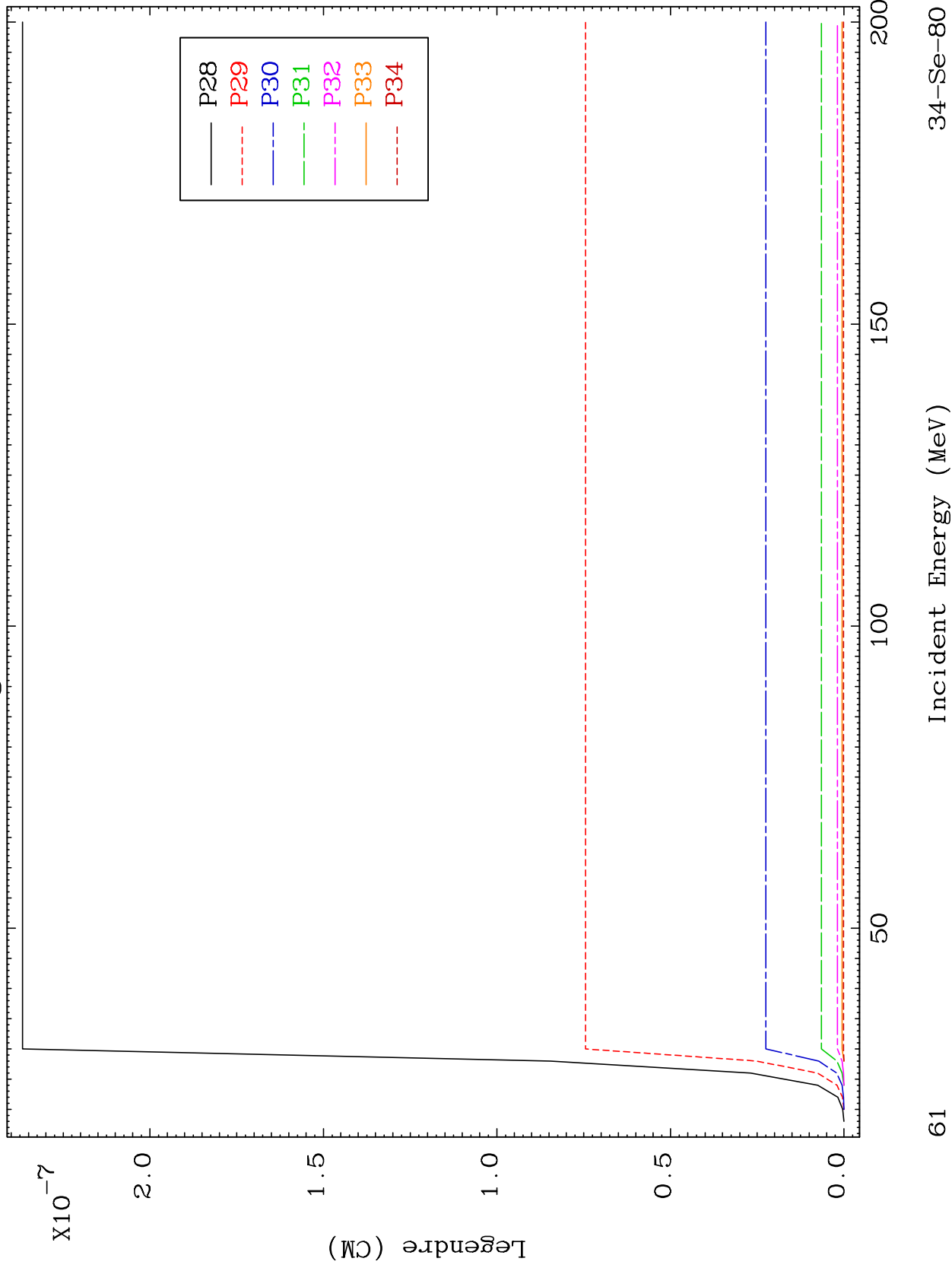
³⁴Se-80

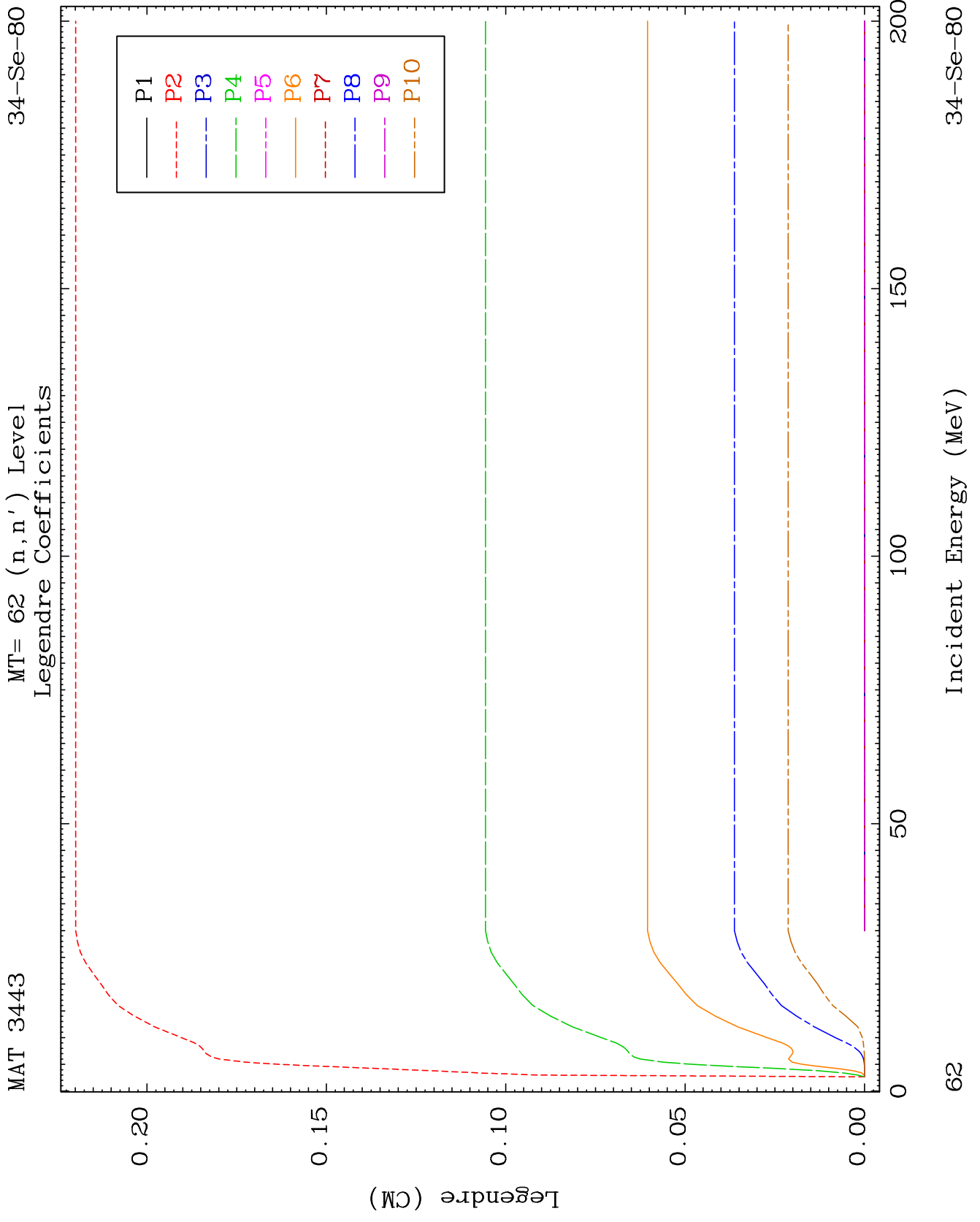


MAT 3443

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

34-Se-80

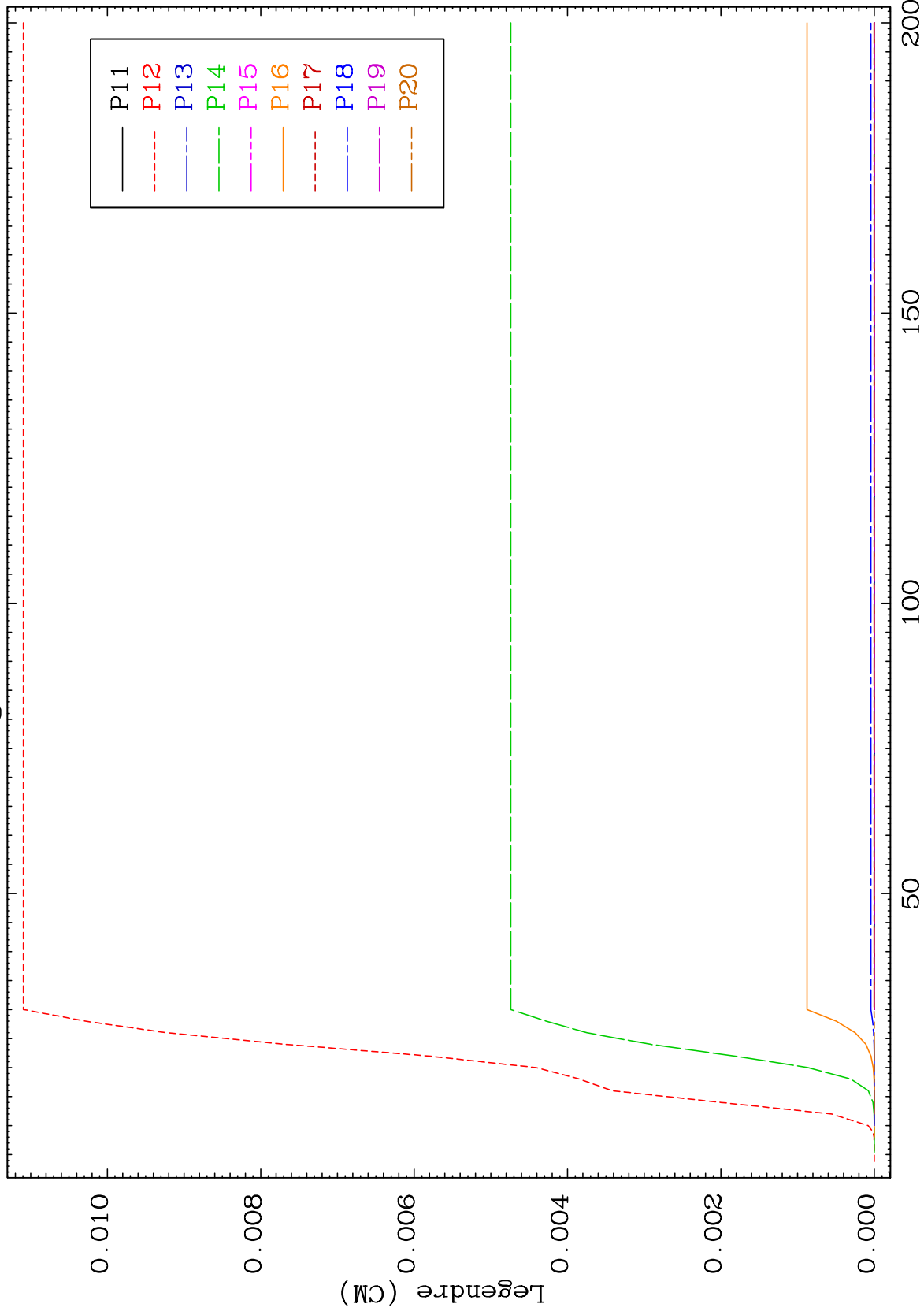




MAT 3443

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

34-Se-80



63

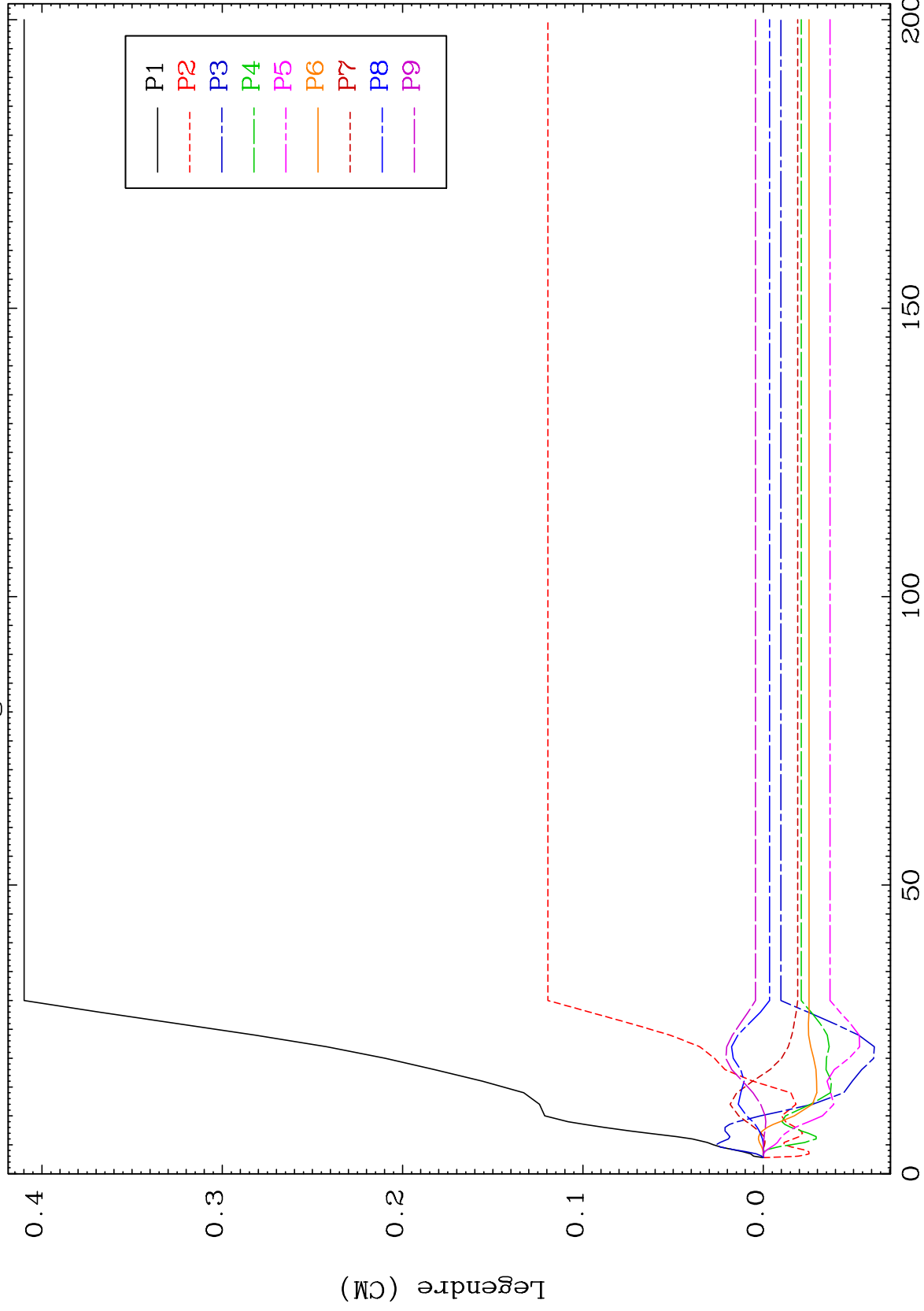
Incident Energy (MeV)

34-Se-80

MAT 3443

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

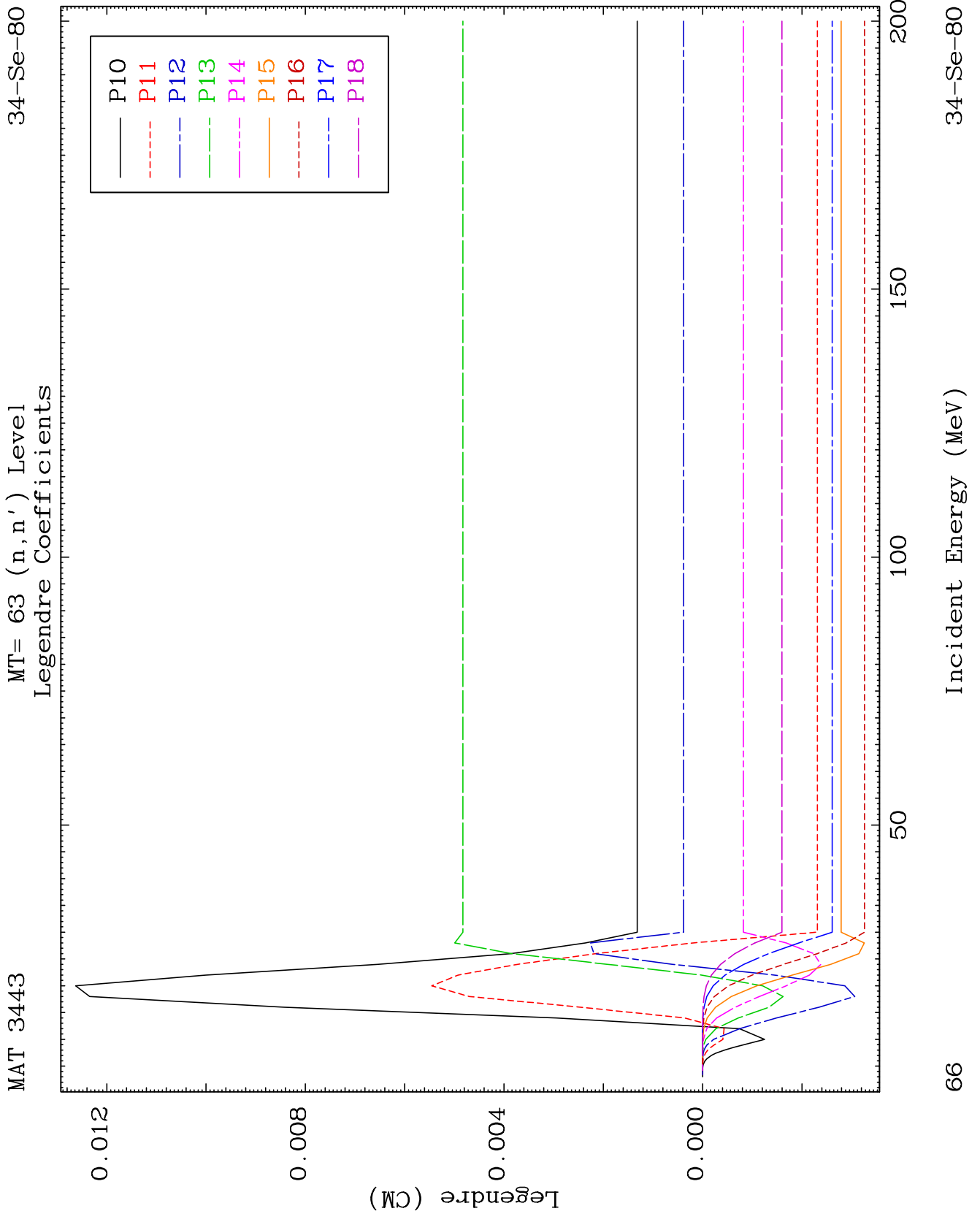
³⁴Se-80

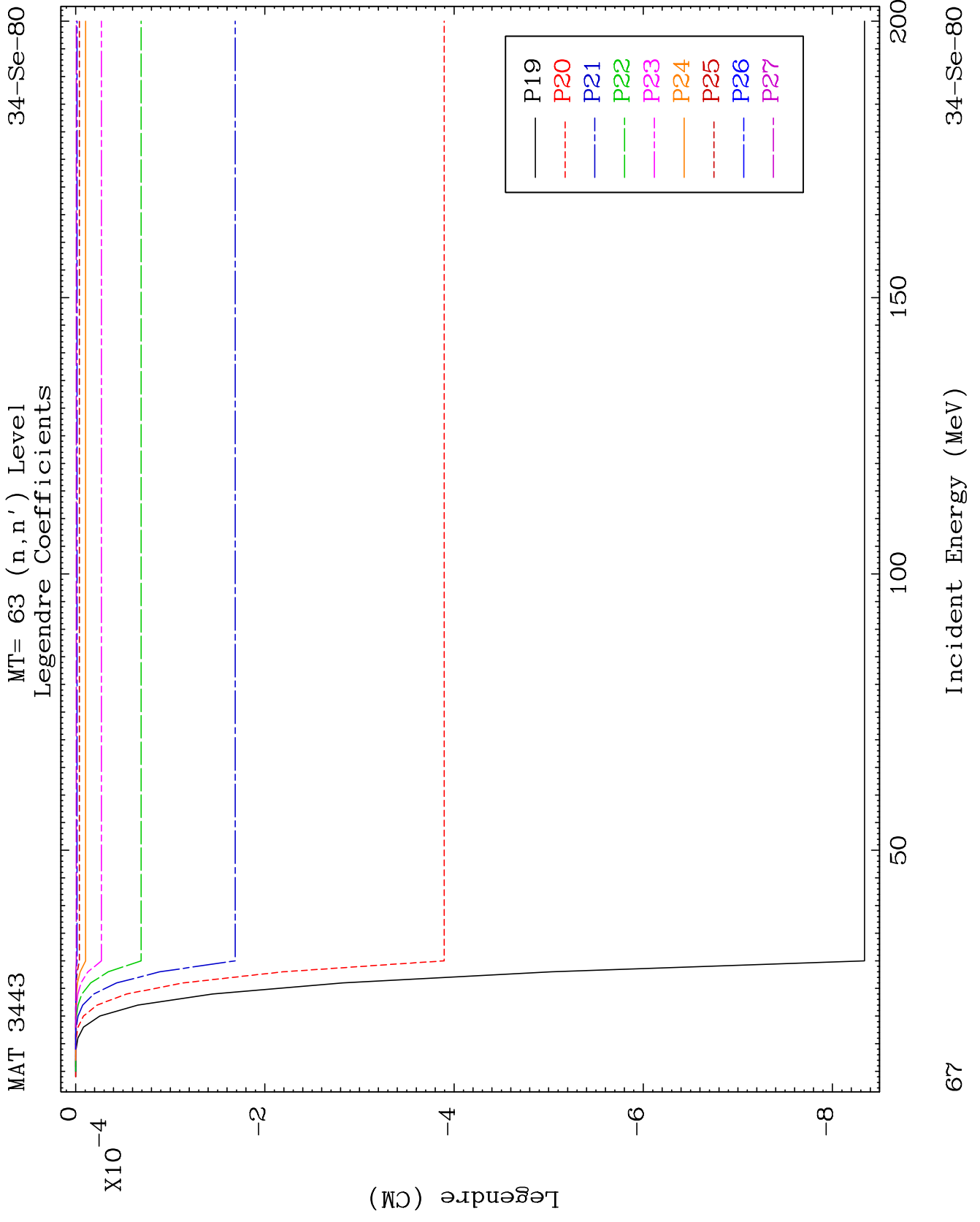


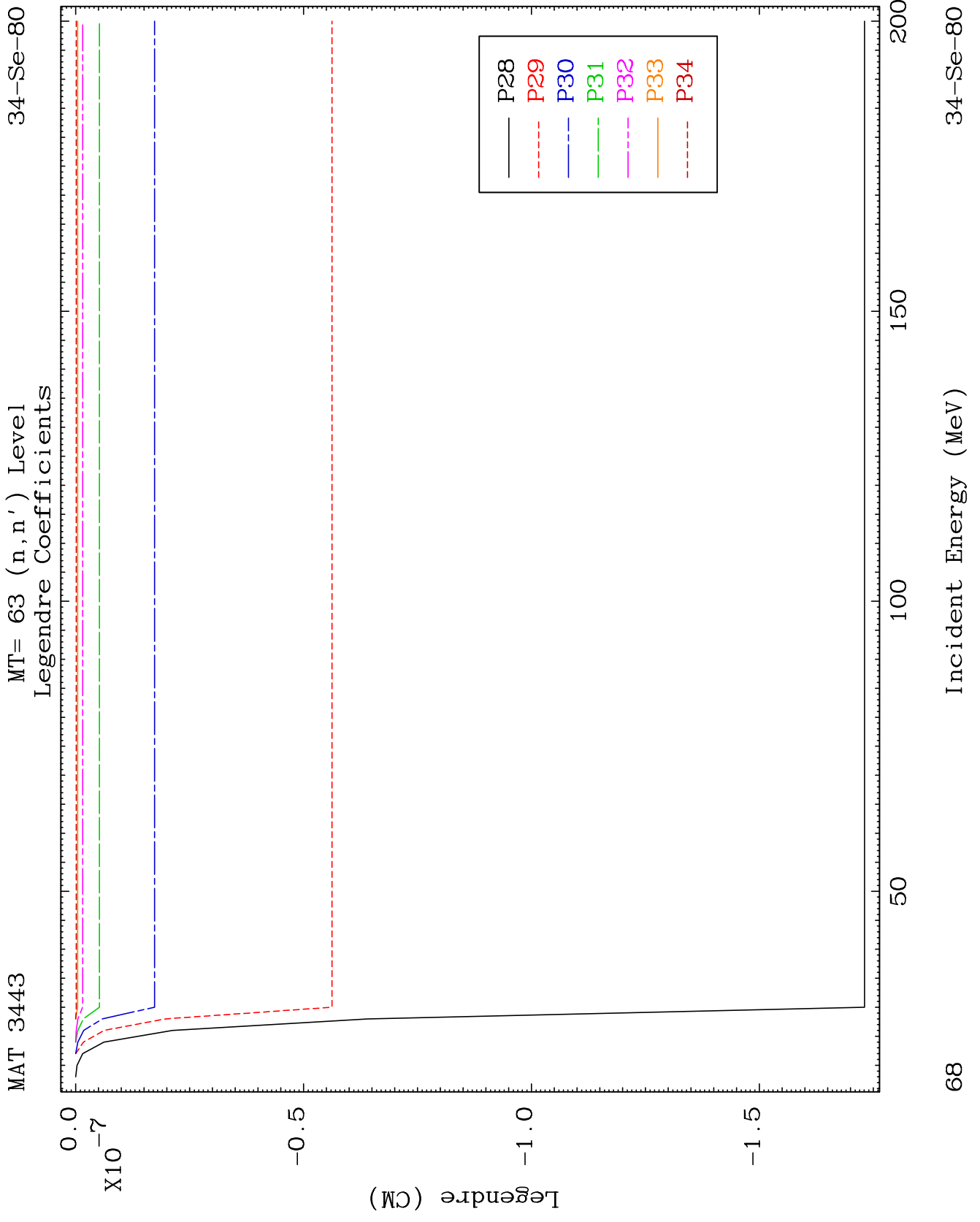
65

Incident Energy (MeV)

³⁴Se-80



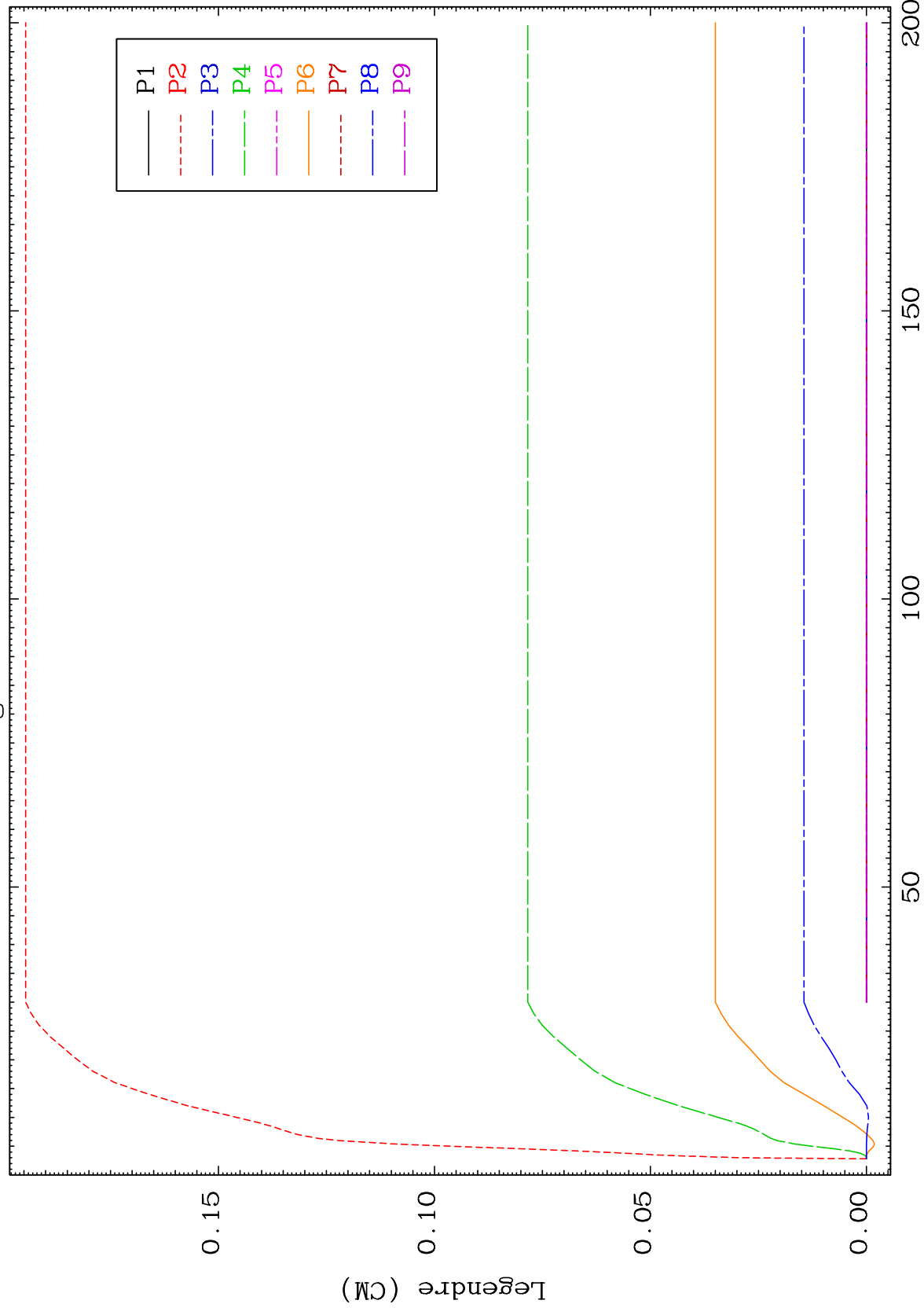




MAT 3443

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

34-Se-80



69

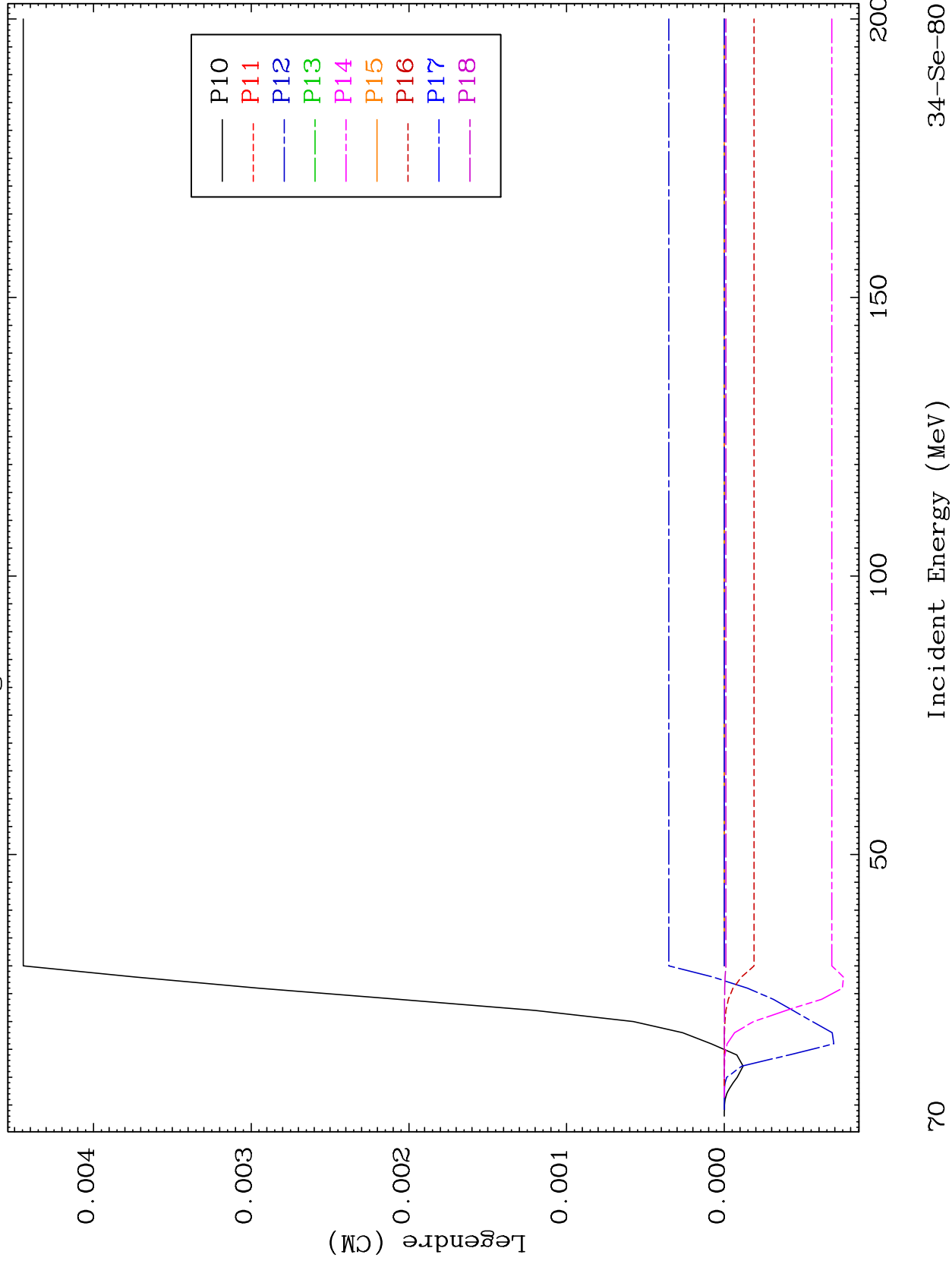
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



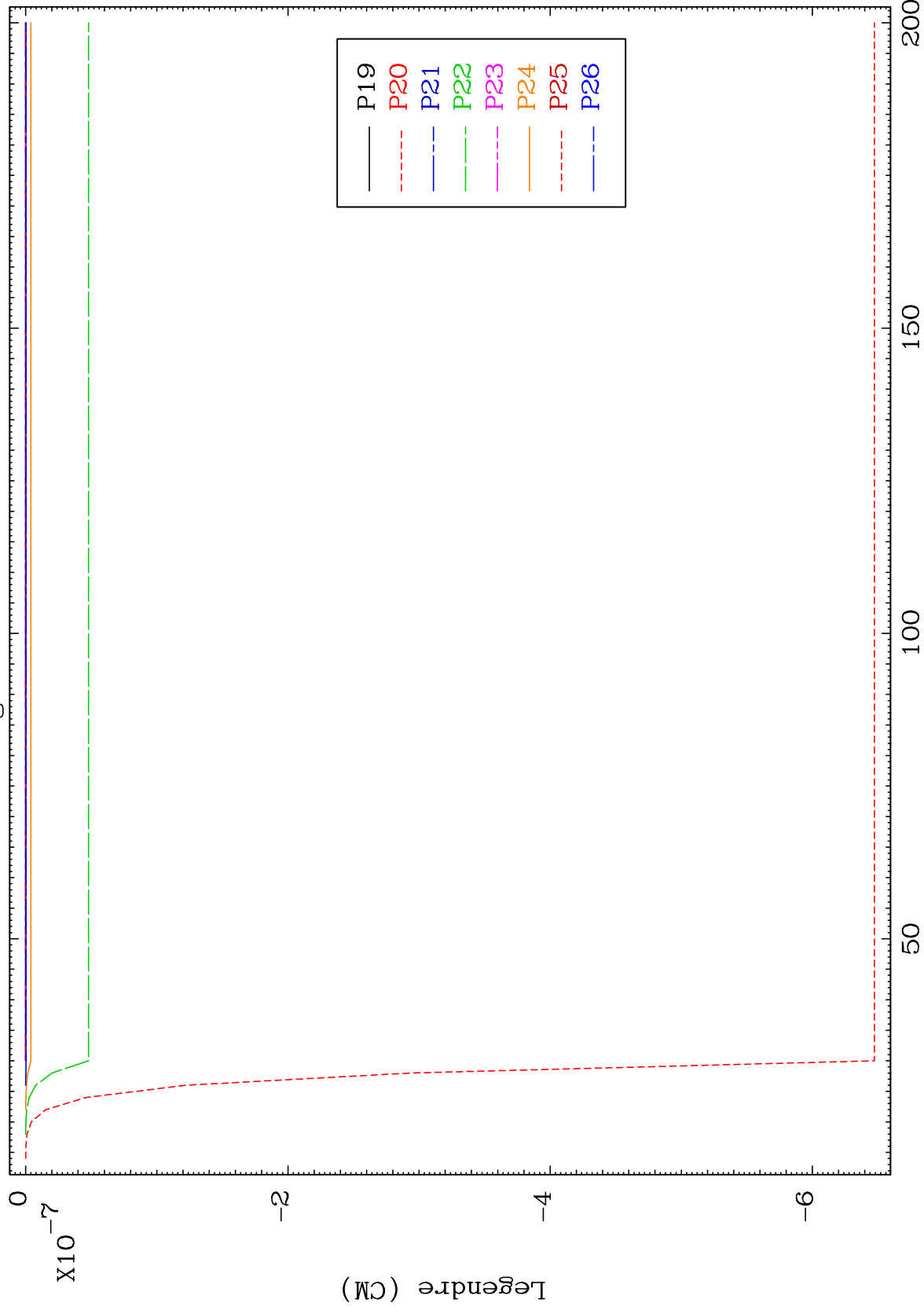
70

Incident Energy (MeV)

³⁴Se-80

MAT 3443 MT= 64 (n,n') Level 34-Se-80

Legendre Coefficients

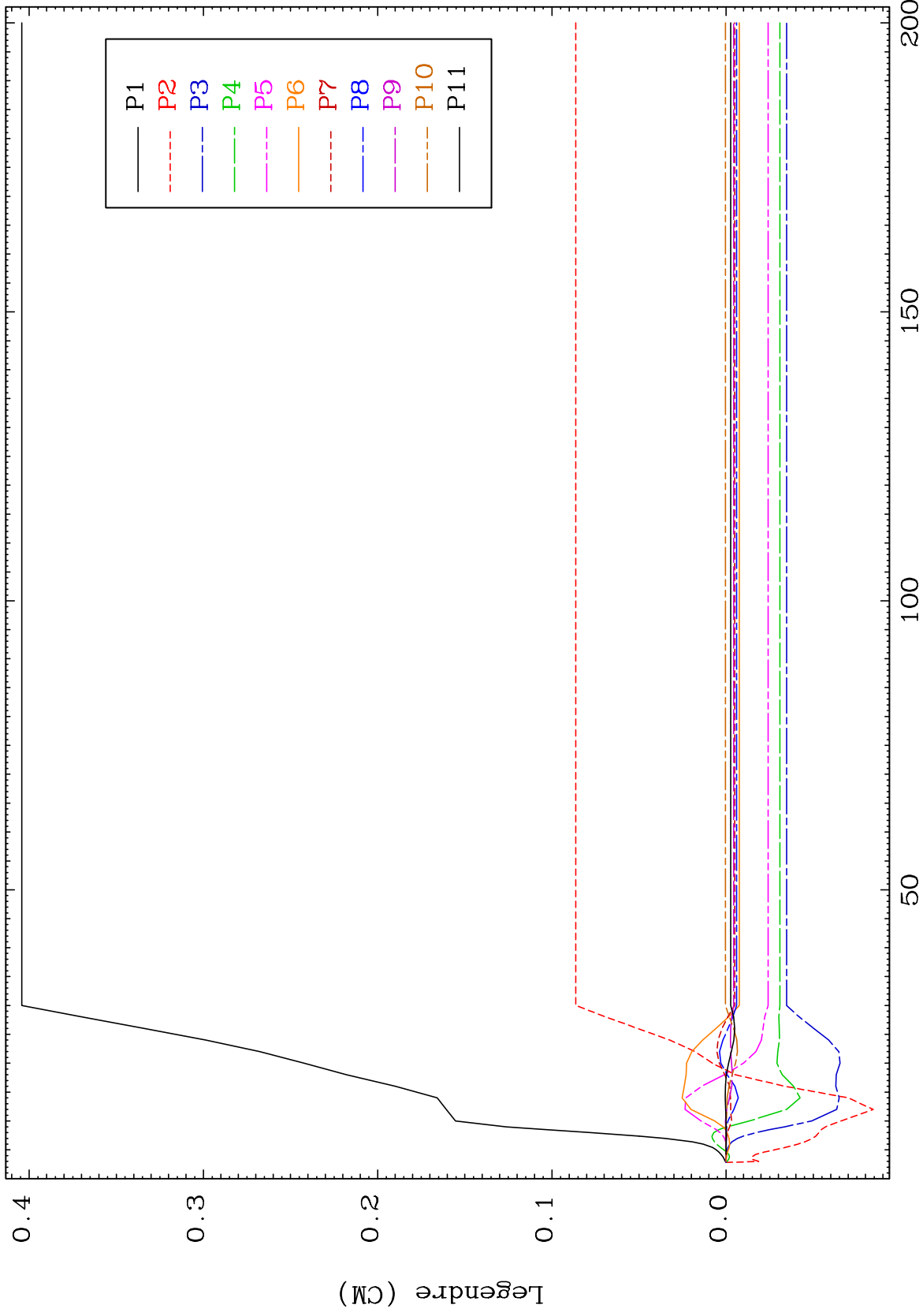


71 34-Se-80

MAT 3443

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

³⁴Se-80



72

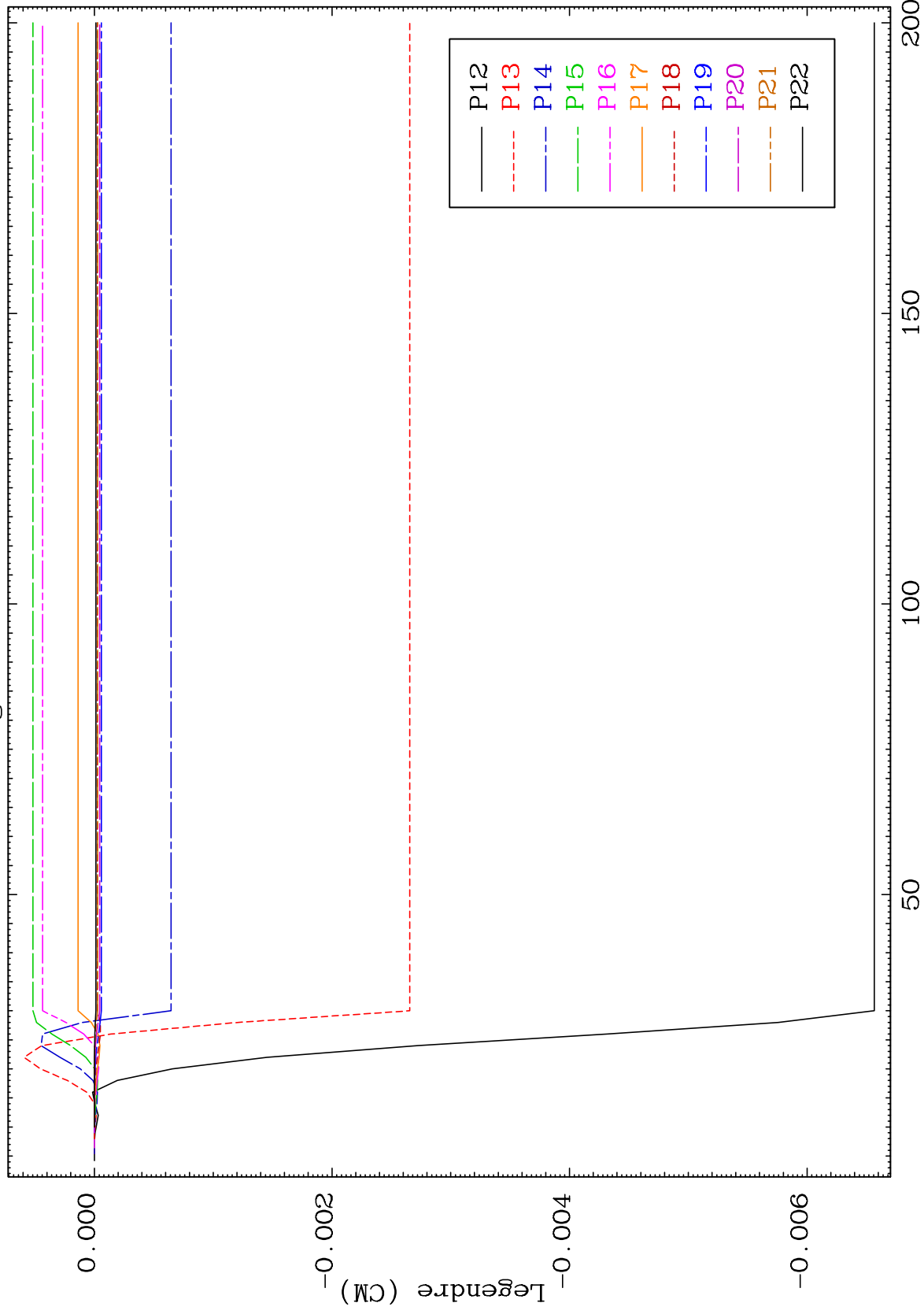
Incident Energy (MeV)

³⁴Se-80

MAT 3443

34-Se-80

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



73

Incident Energy (MeV)

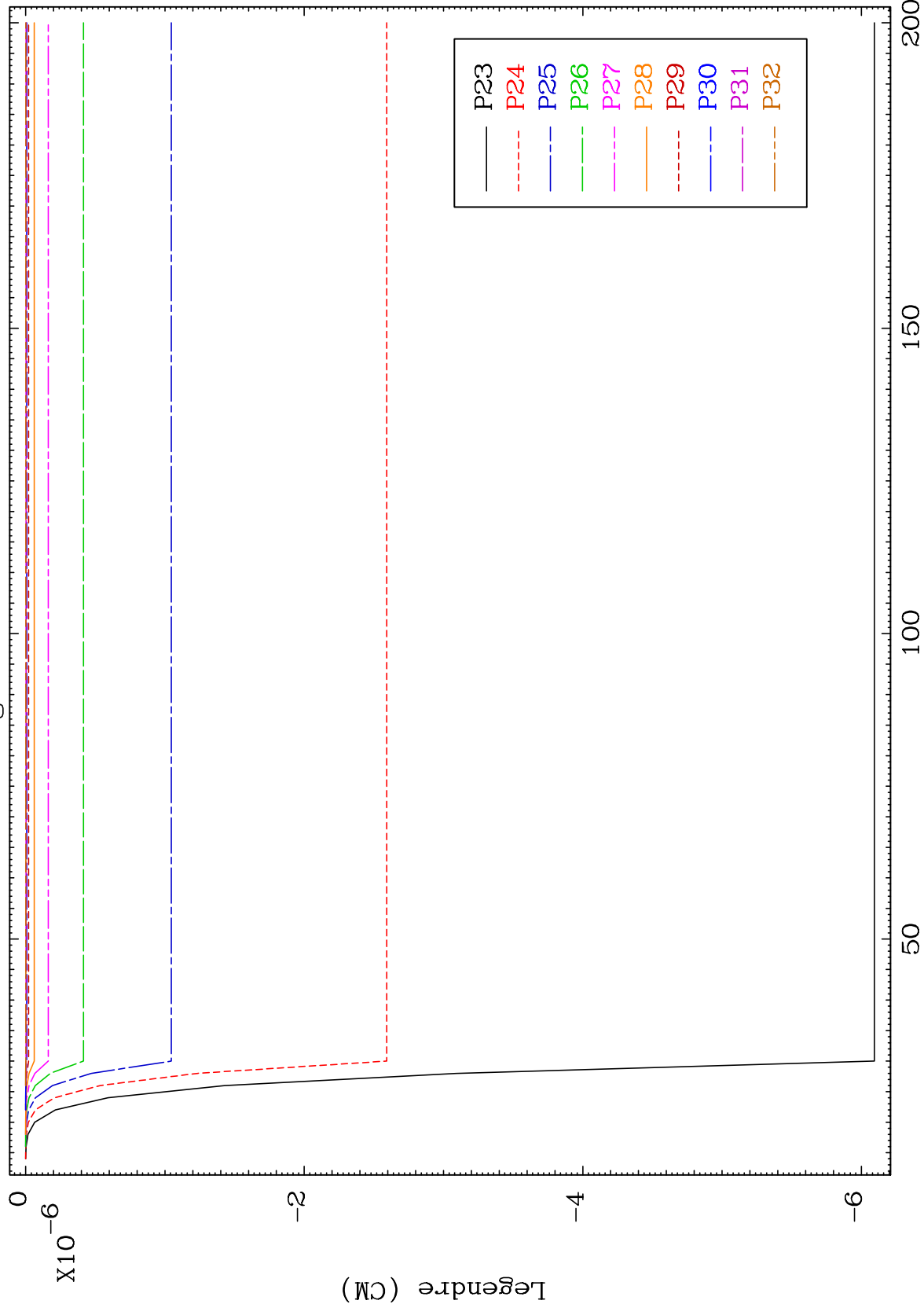
34-Se-80

MAT 3443

MT= 65 (n,n') Level

34-Se-80

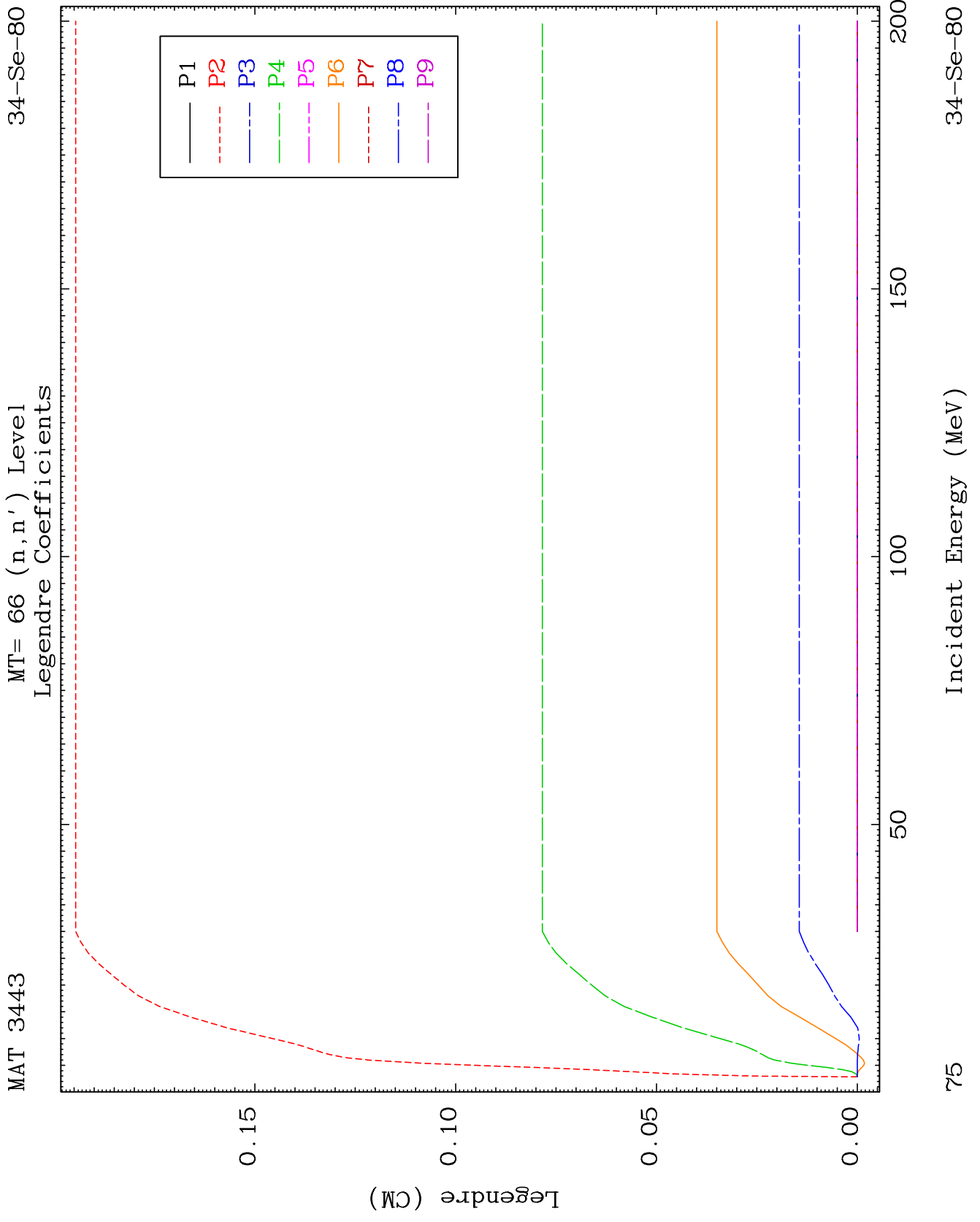
Legendre Coefficients



34-Se-80

Incident Energy (MeV)

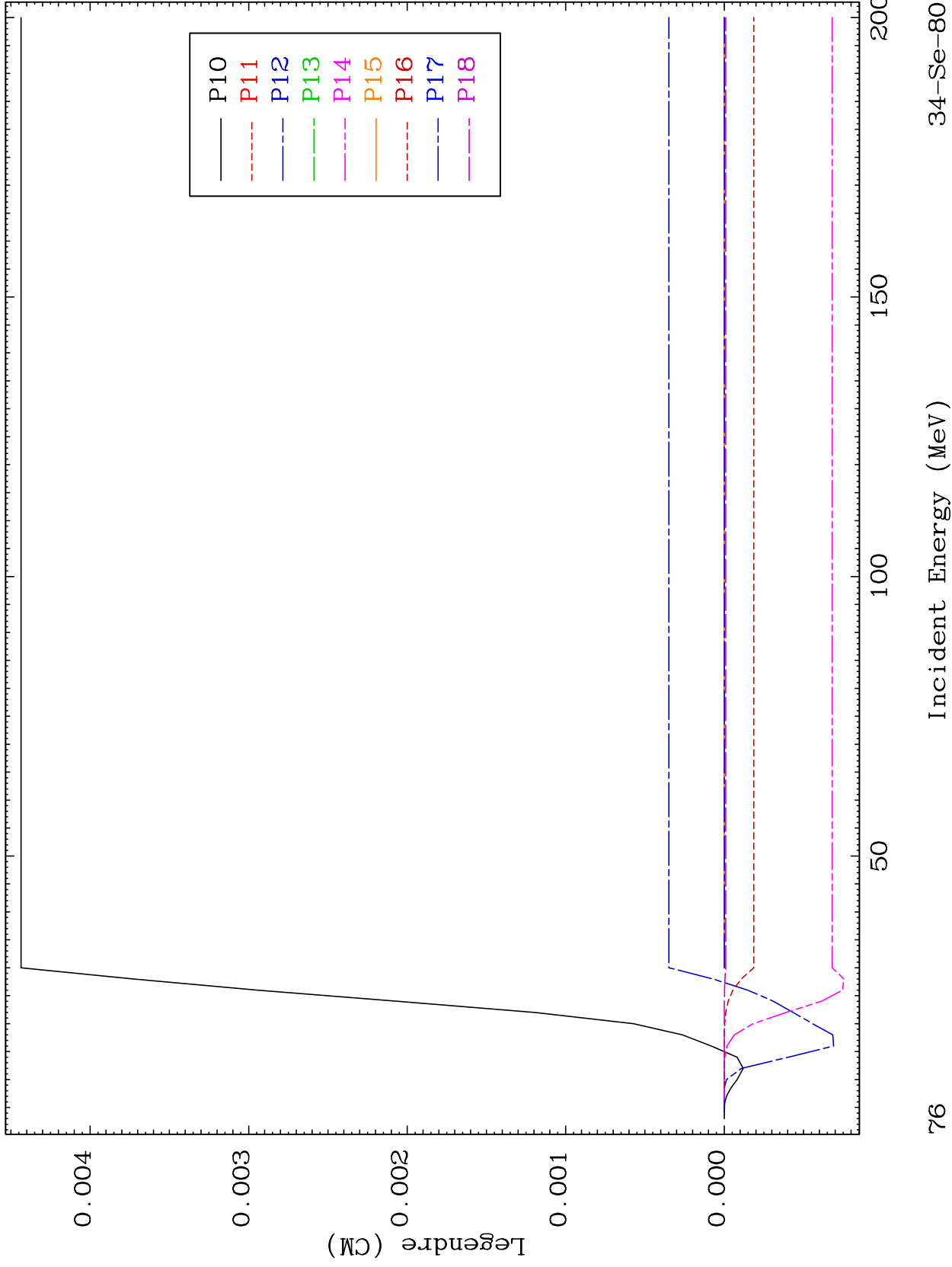
74



MAT 3443

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

³⁴Se-80



76

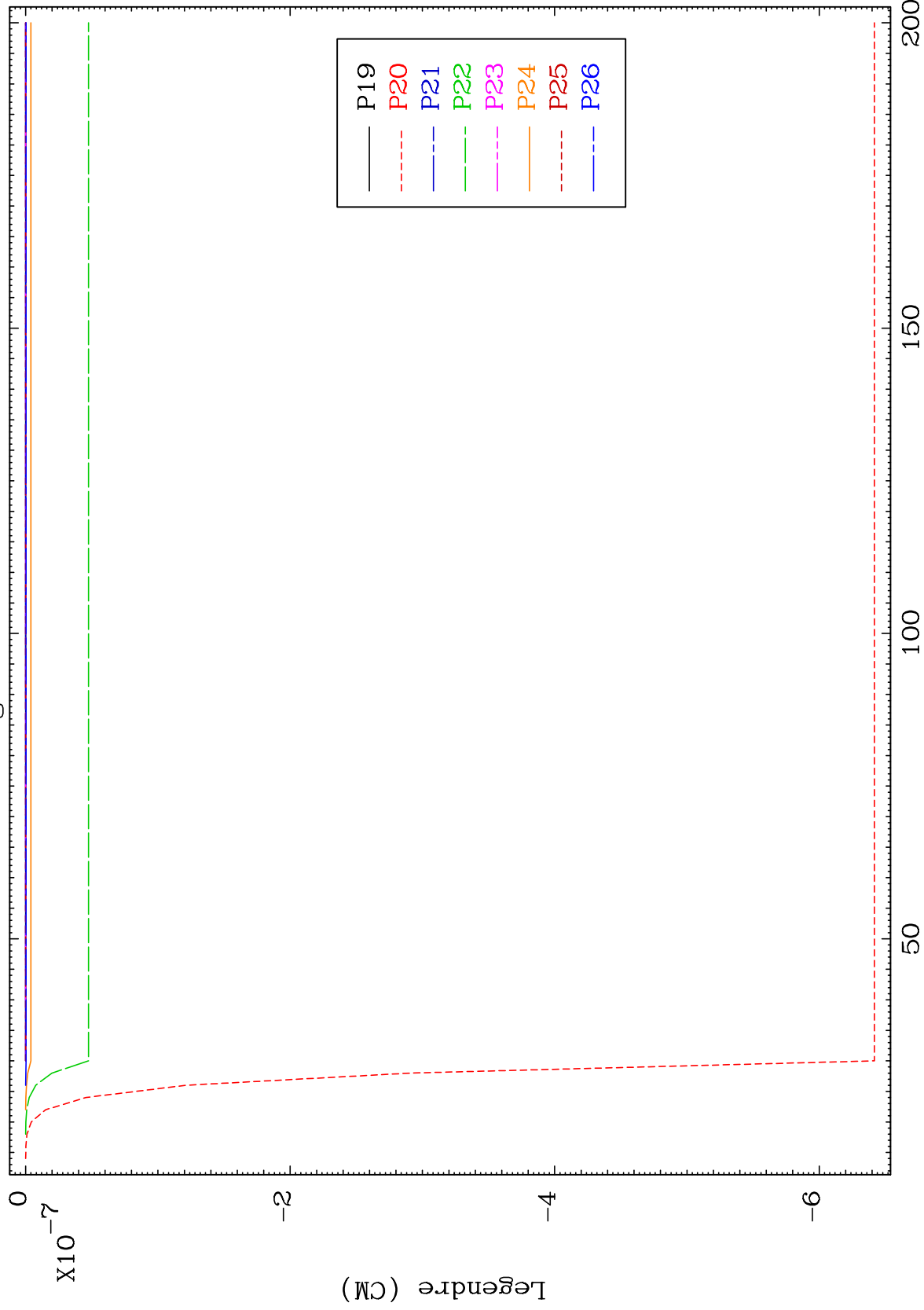
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



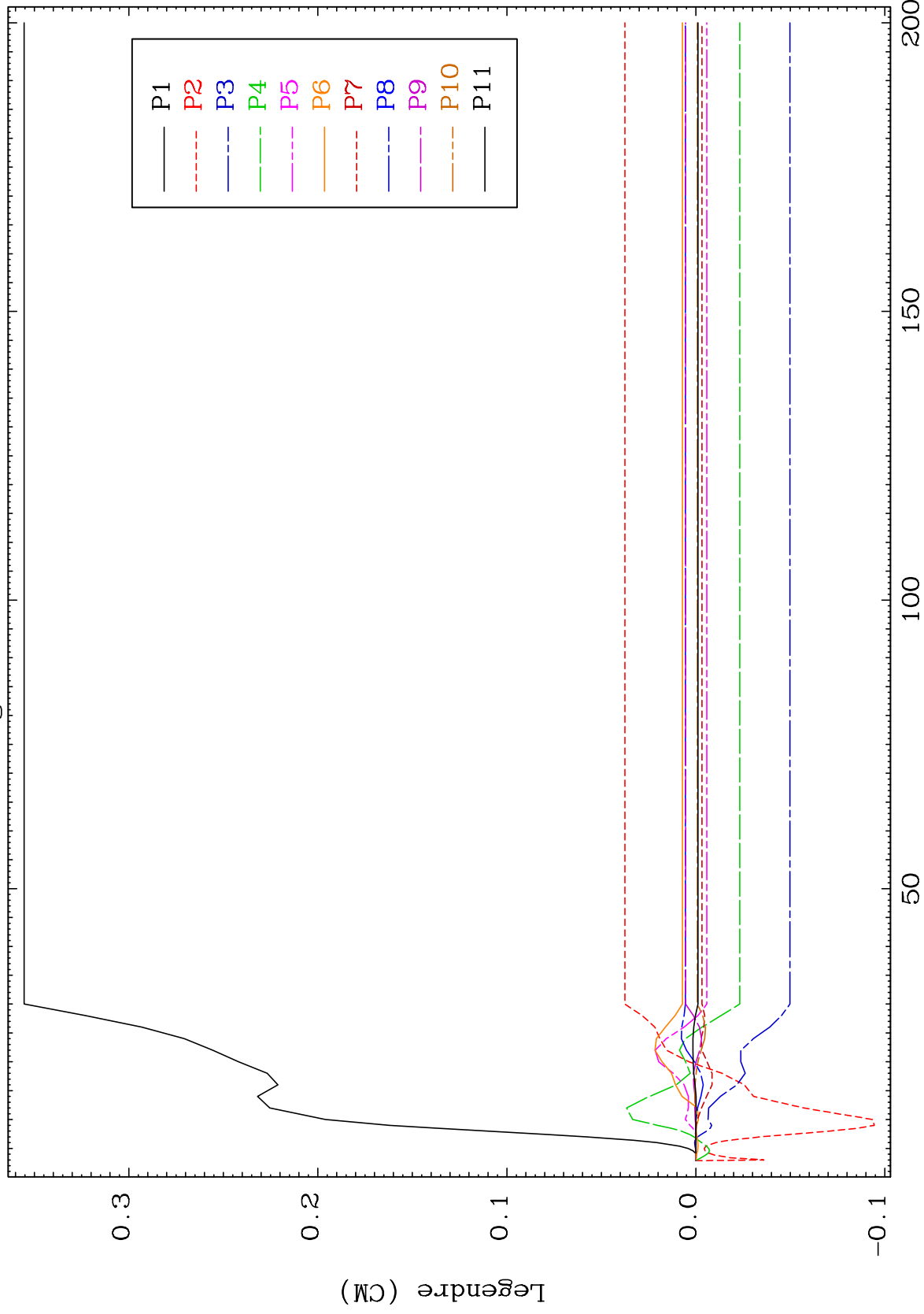
77

³⁴Se-80

MAT 3443

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

³⁴Se-80



78

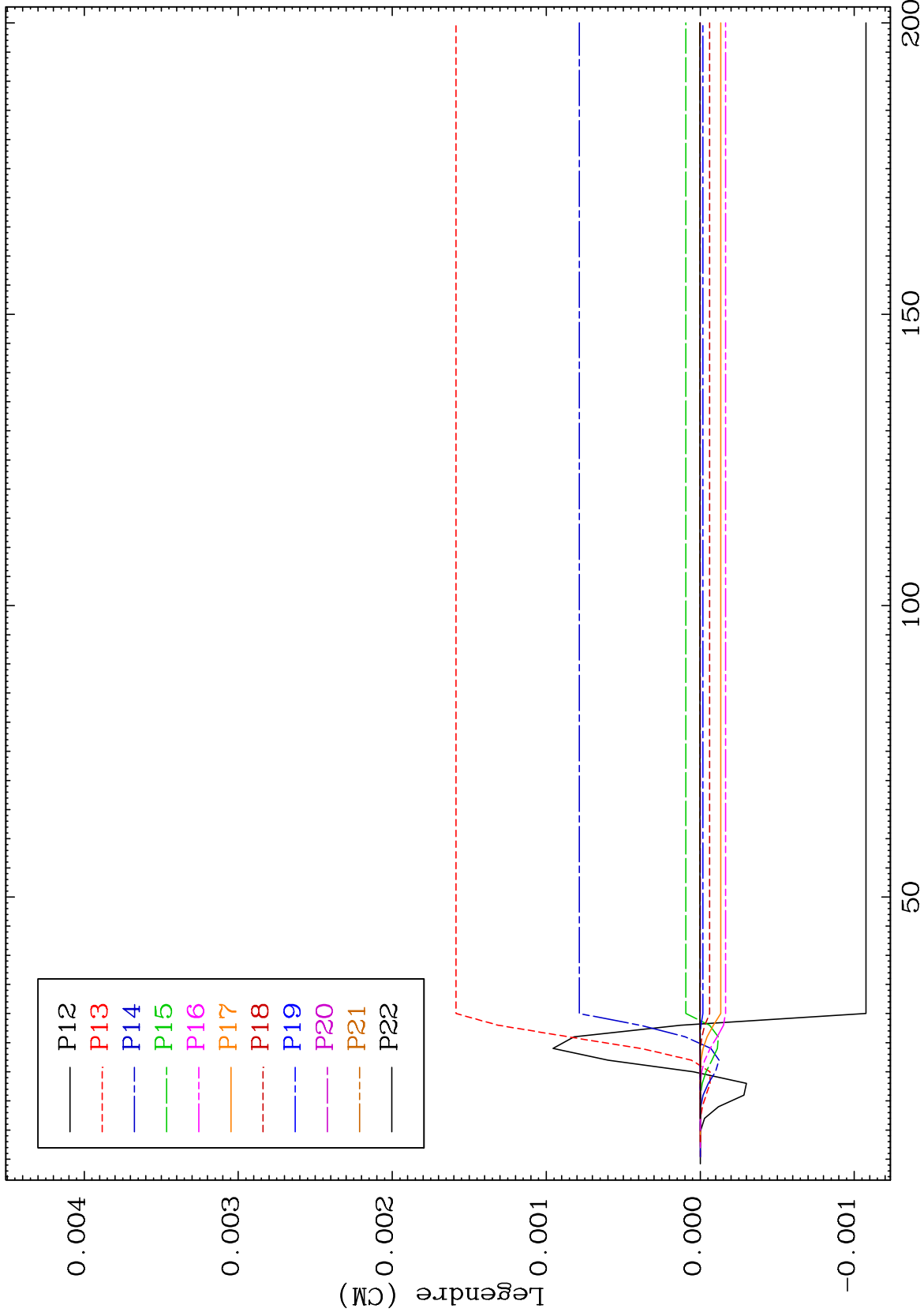
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



79

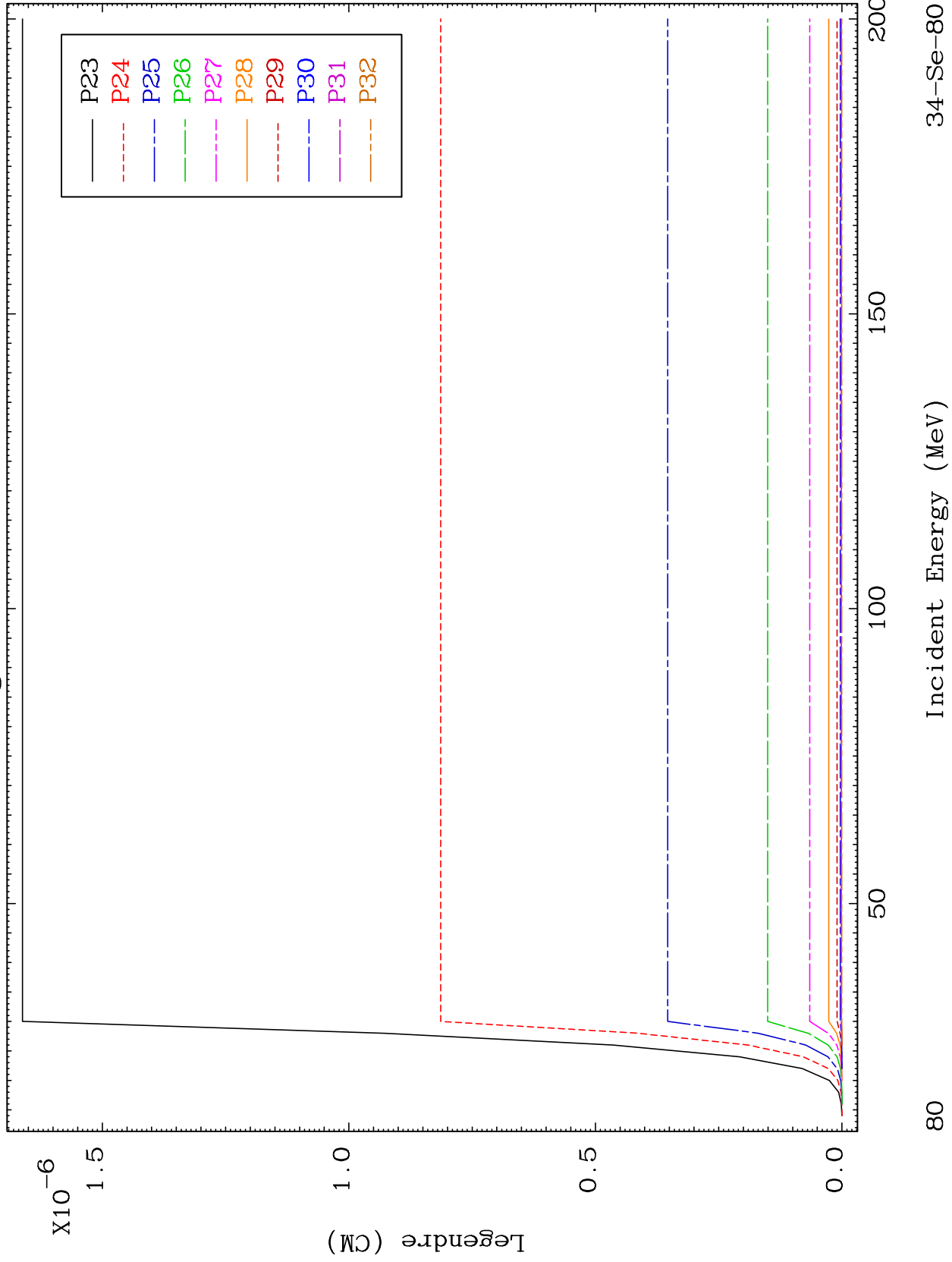
Incident Energy (MeV)

34-Se-80

MAT 3443

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

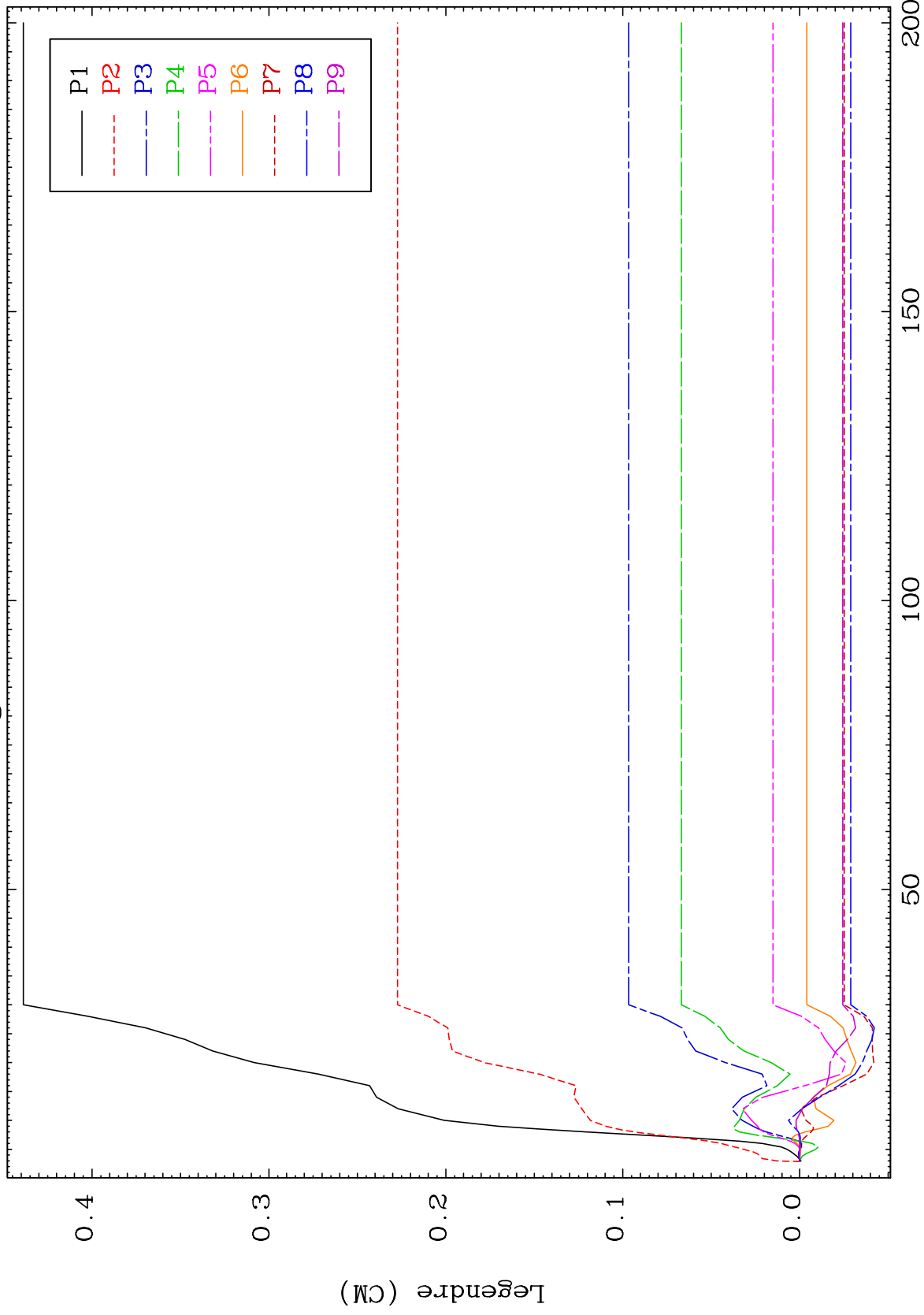
³⁴Se-80



MAT 3443

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

³⁴Se-80



81

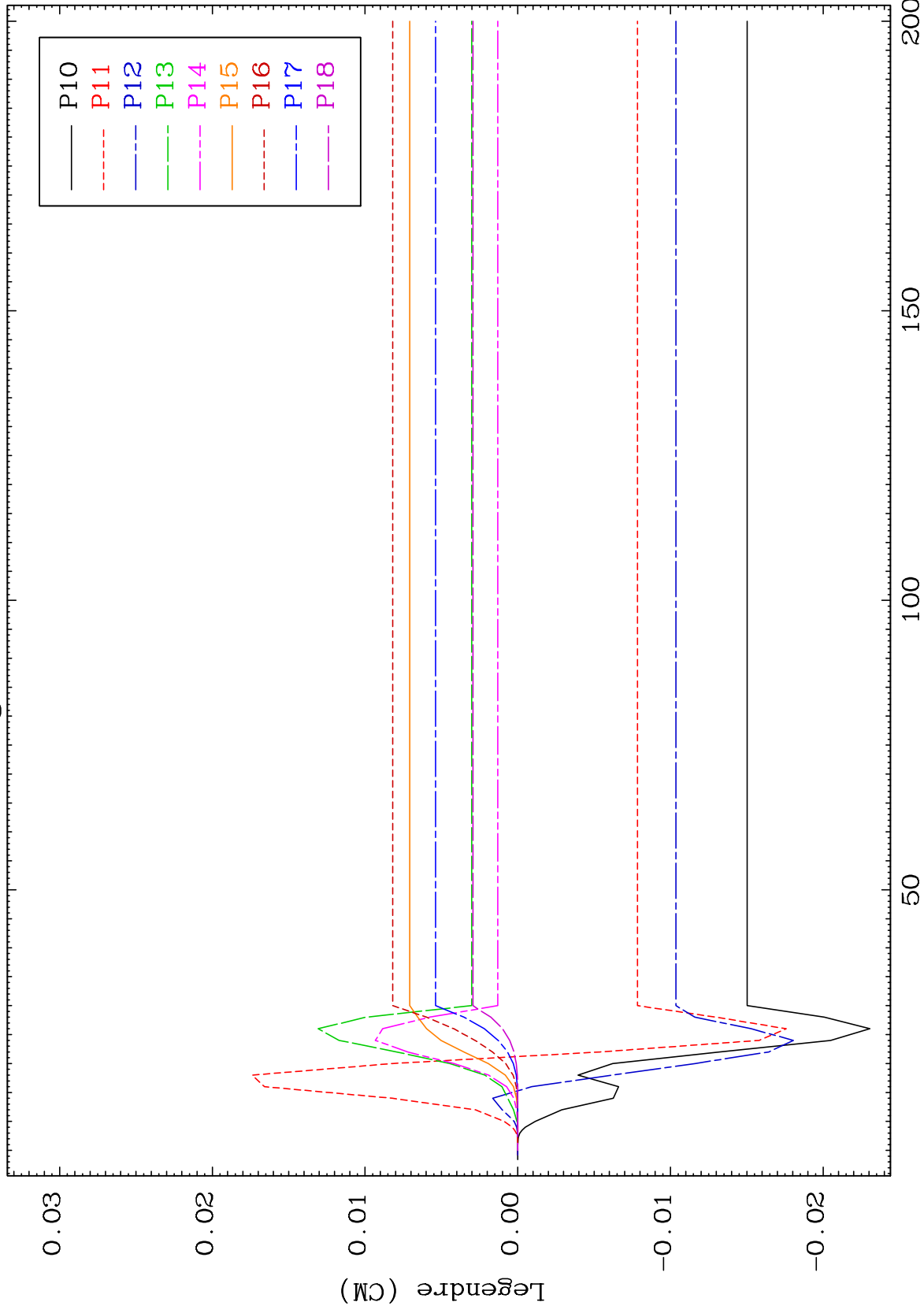
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



82

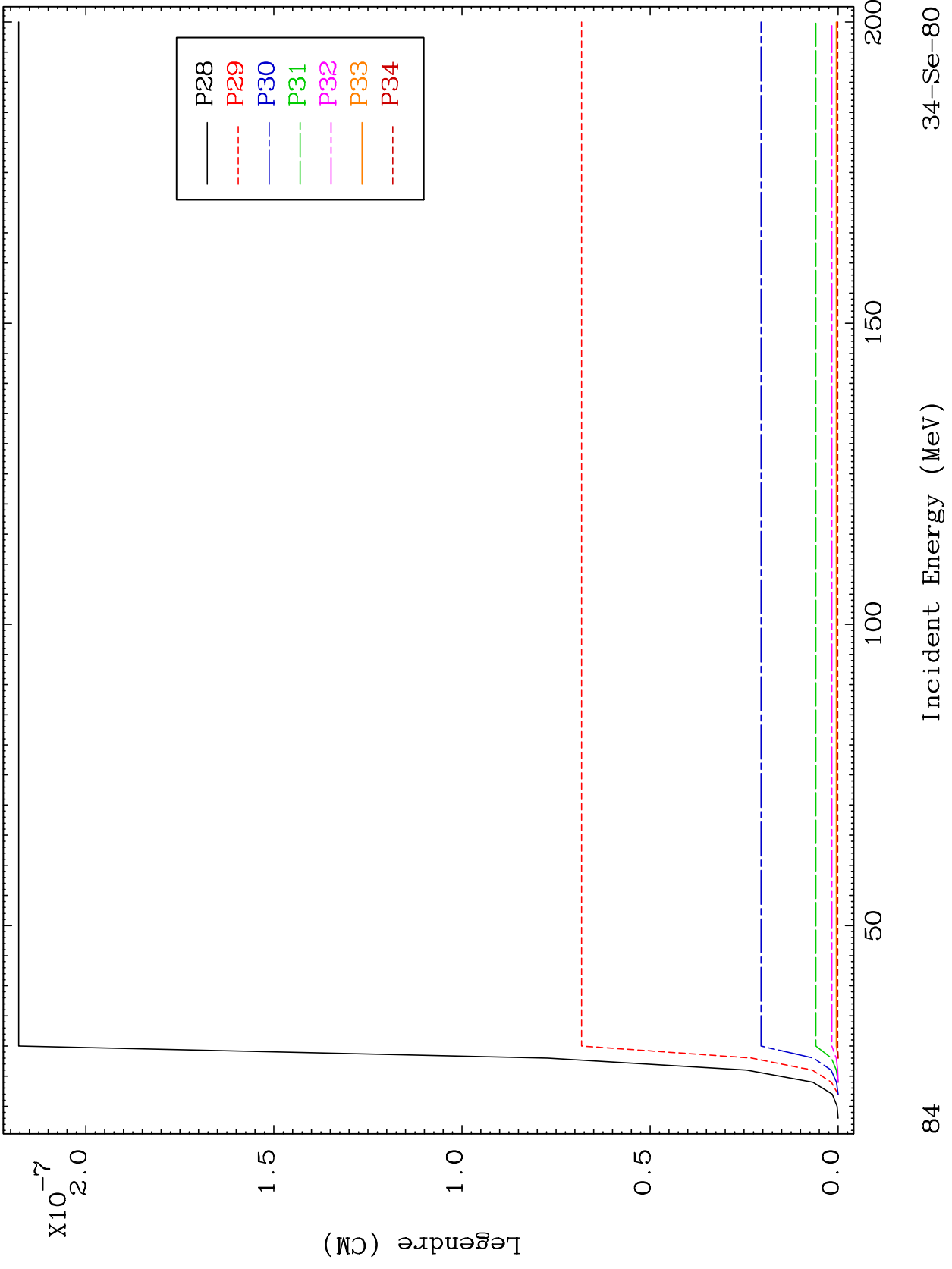
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

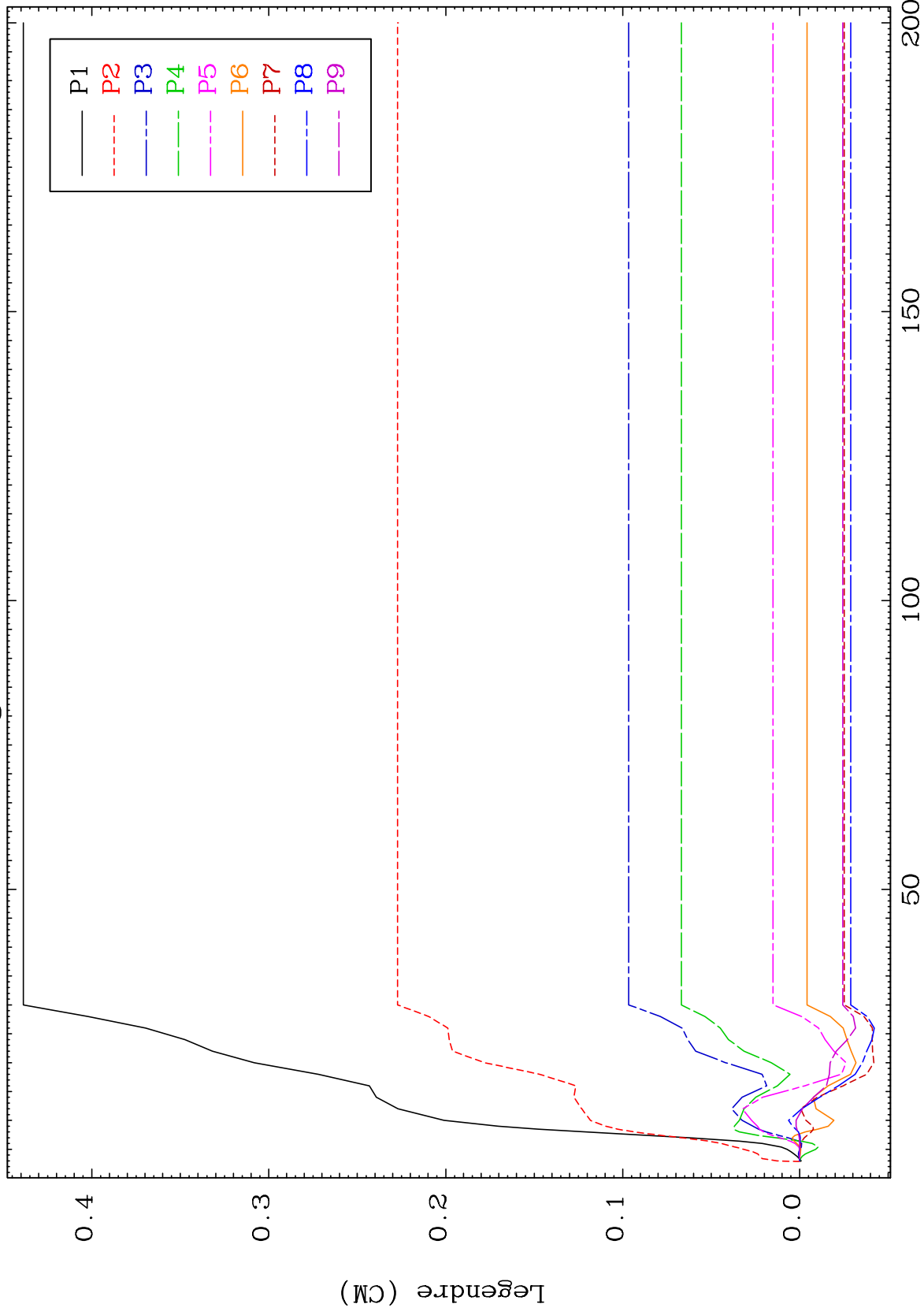
34-Se-80



MAT 3443

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

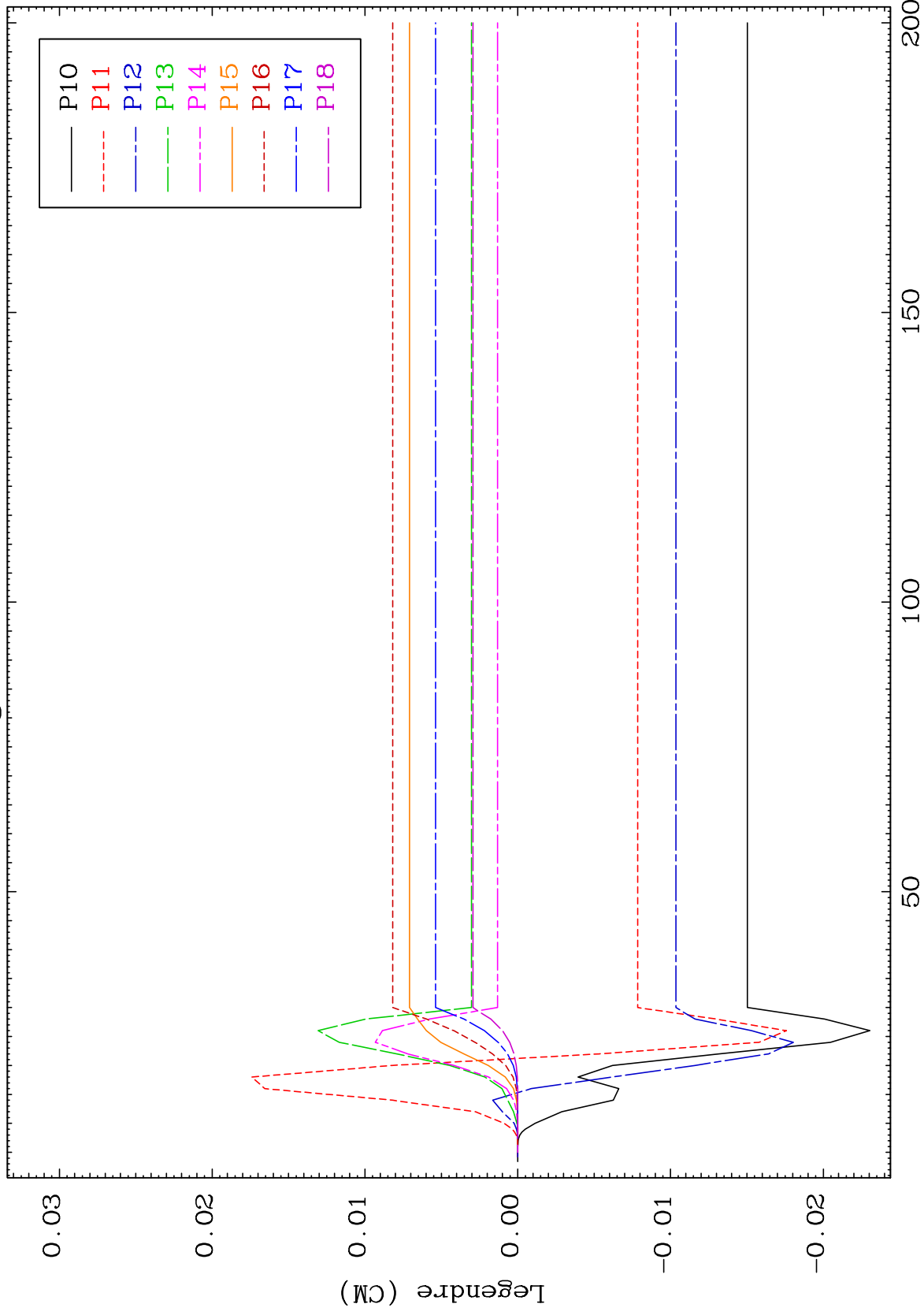
³⁴Se-80



MAT 3443

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

³⁴Se-80



86

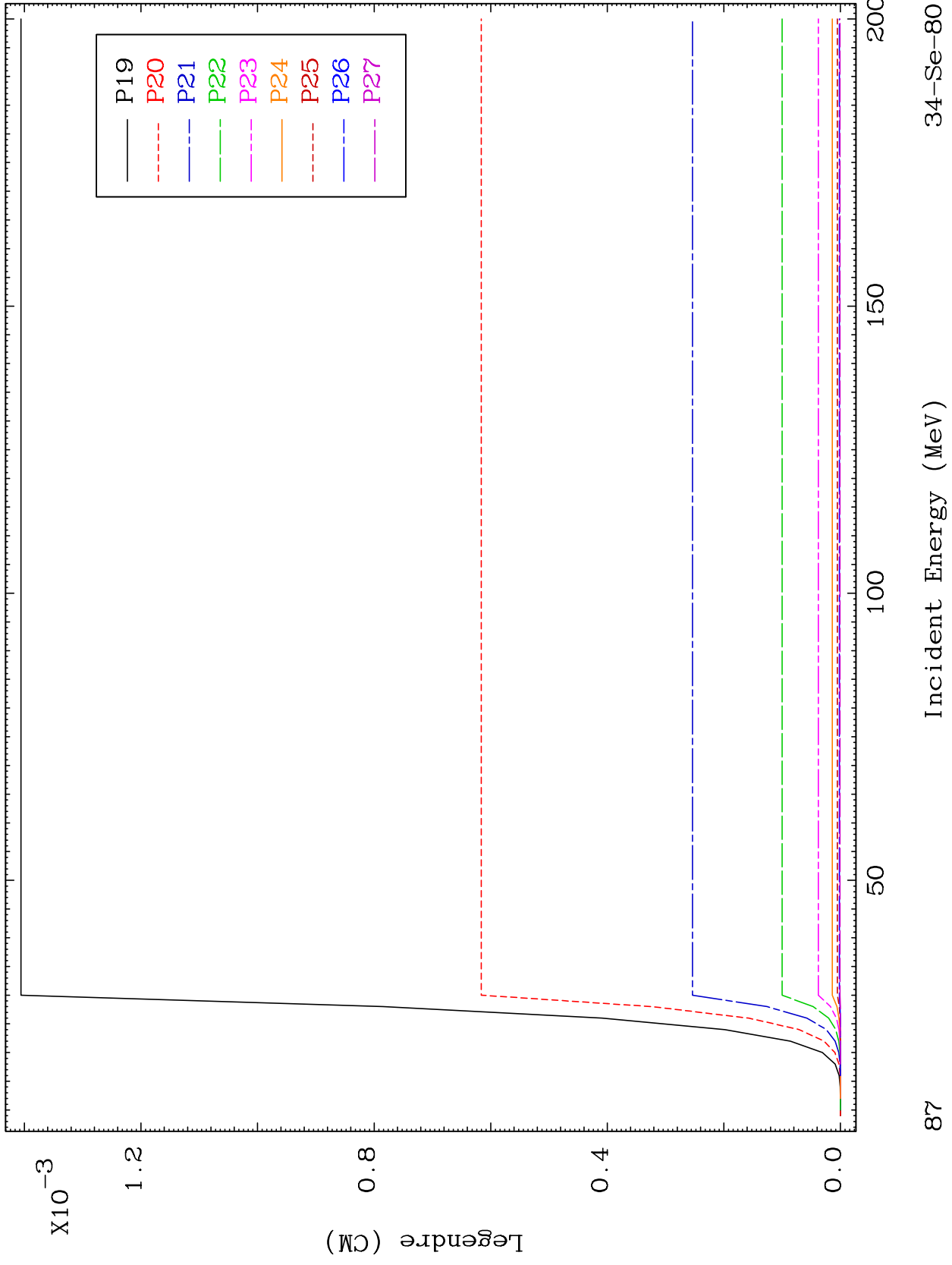
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

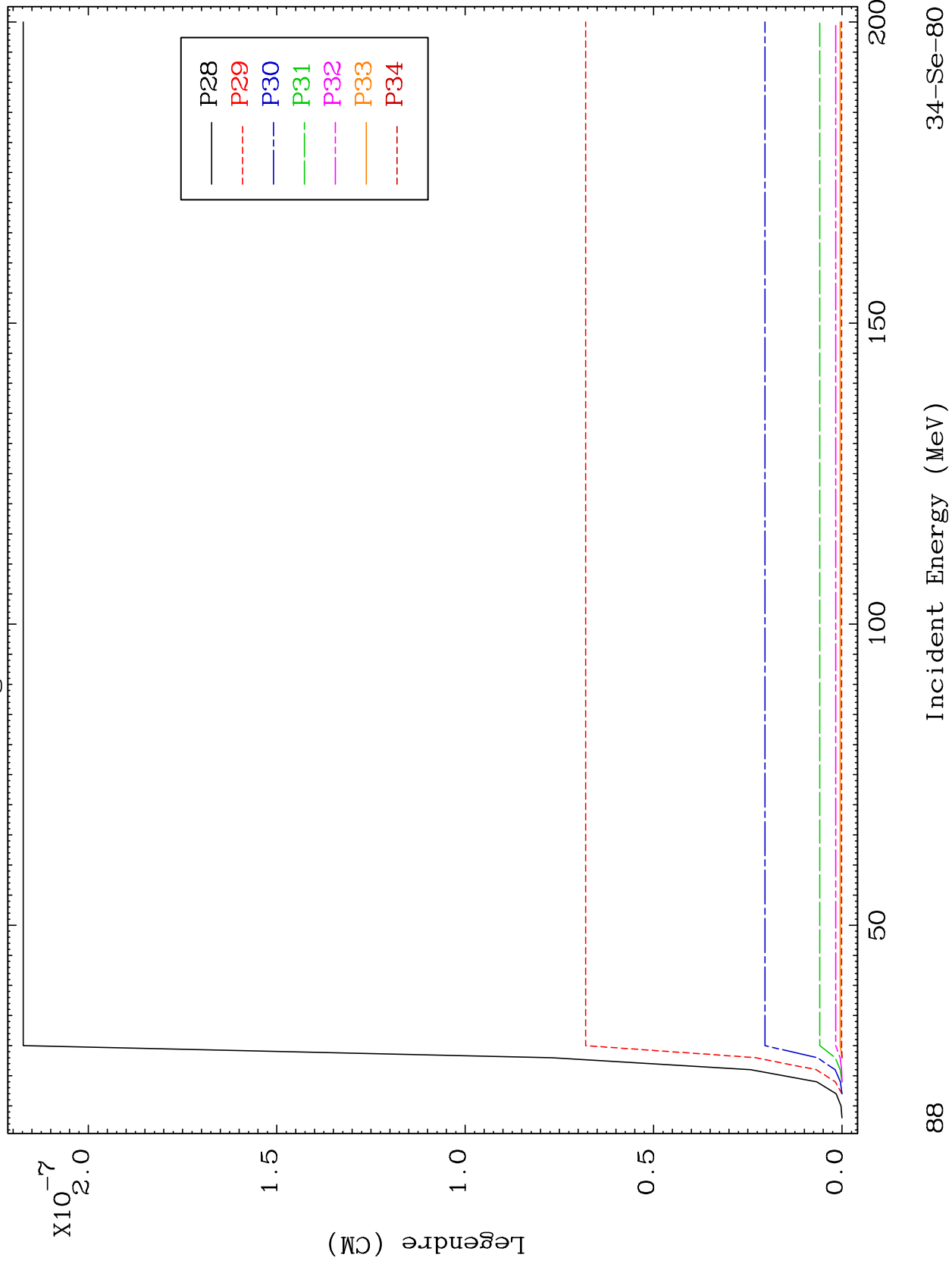
34-Se-80



MAT 3443

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

34-Se-80



88

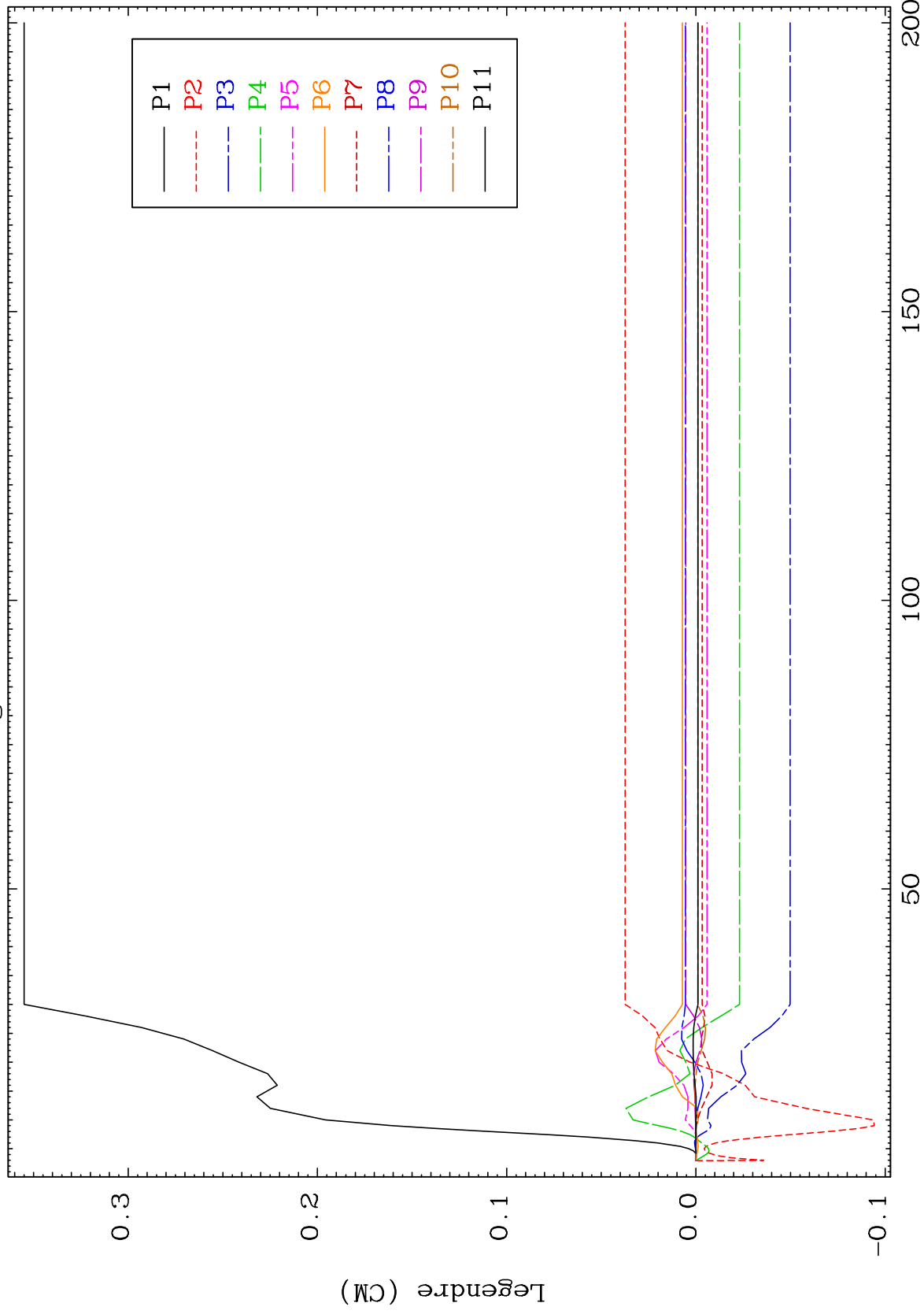
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



89

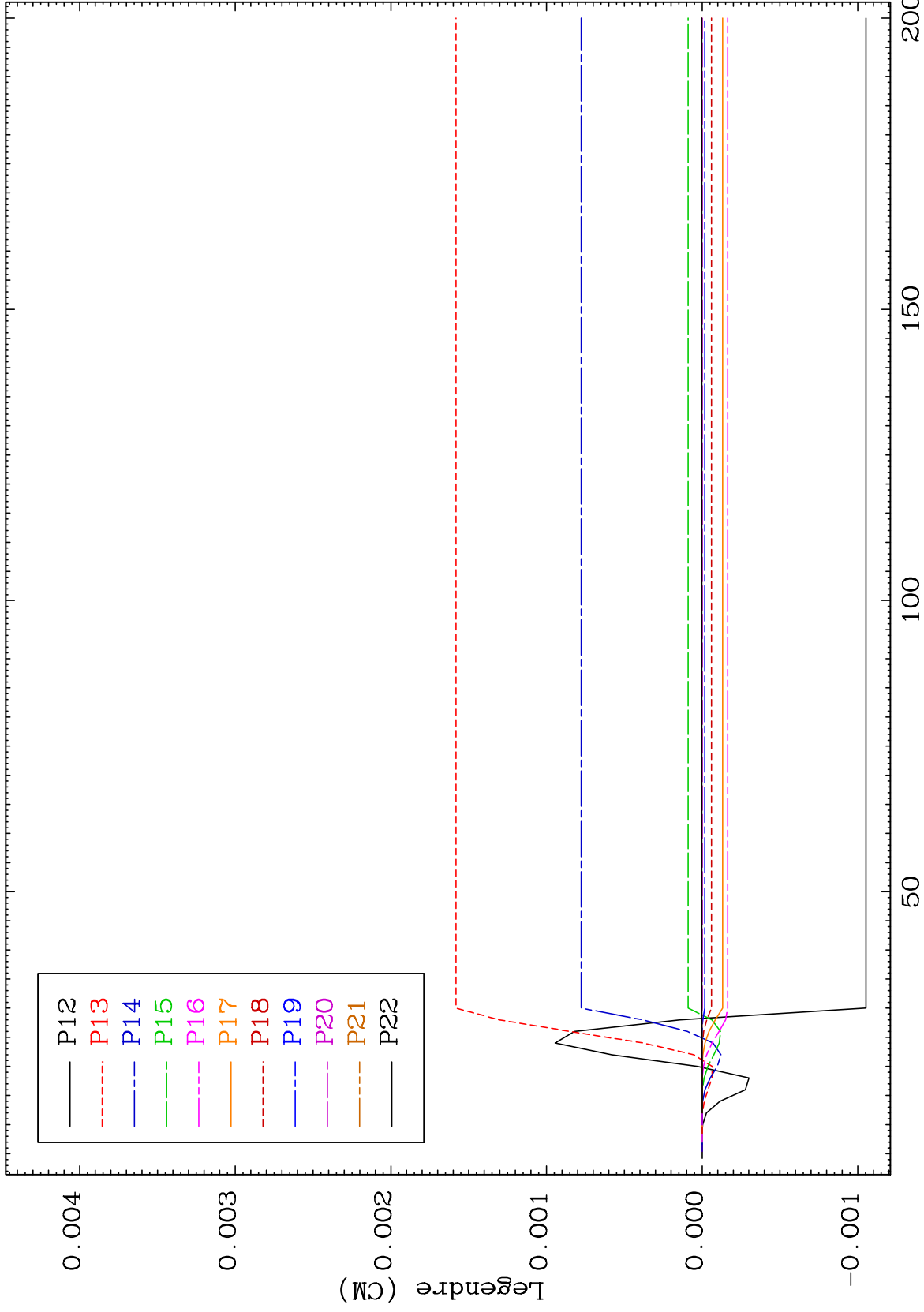
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



90

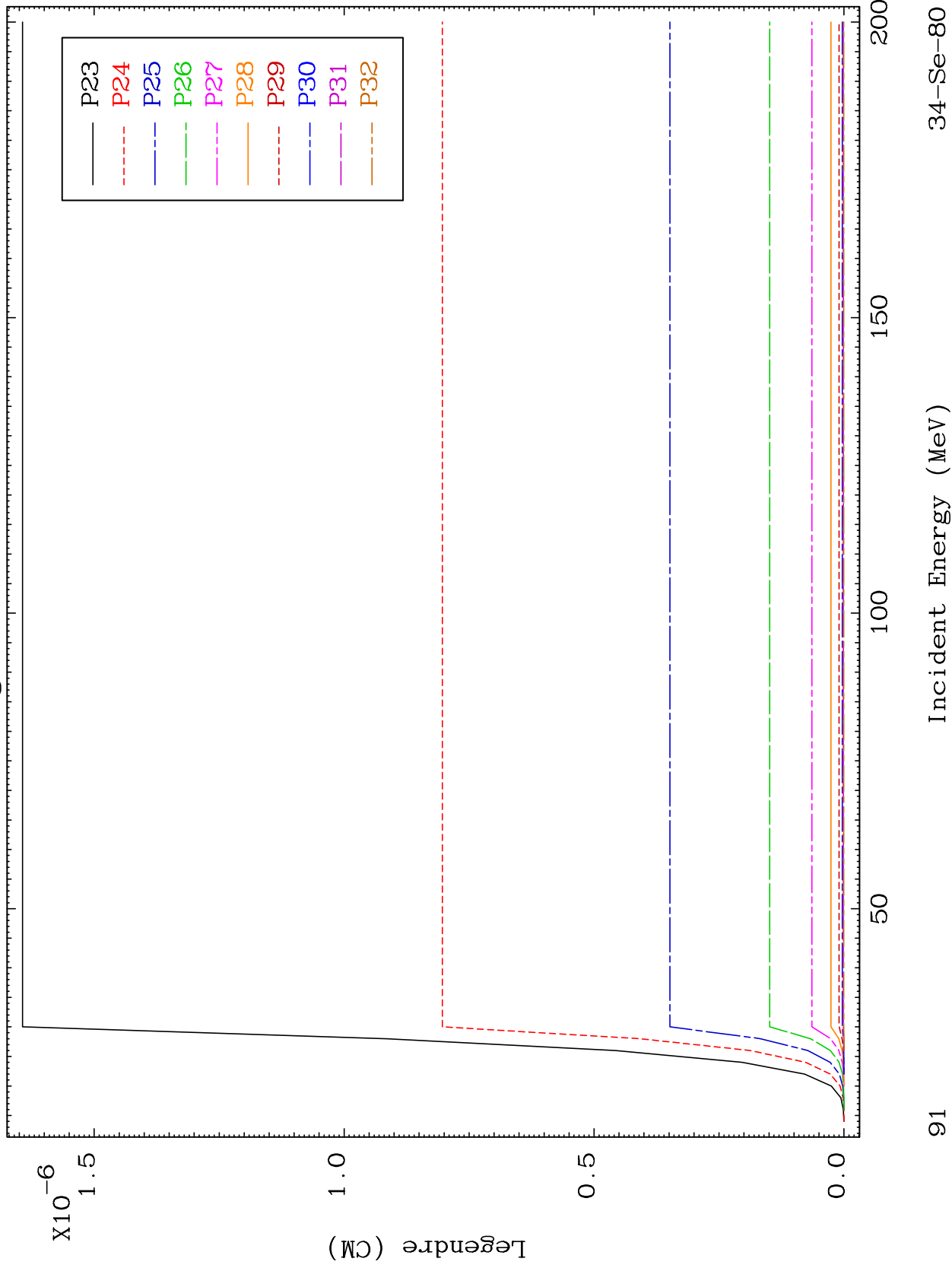
Incident Energy (MeV)

34-Se-80

MAT 3443

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

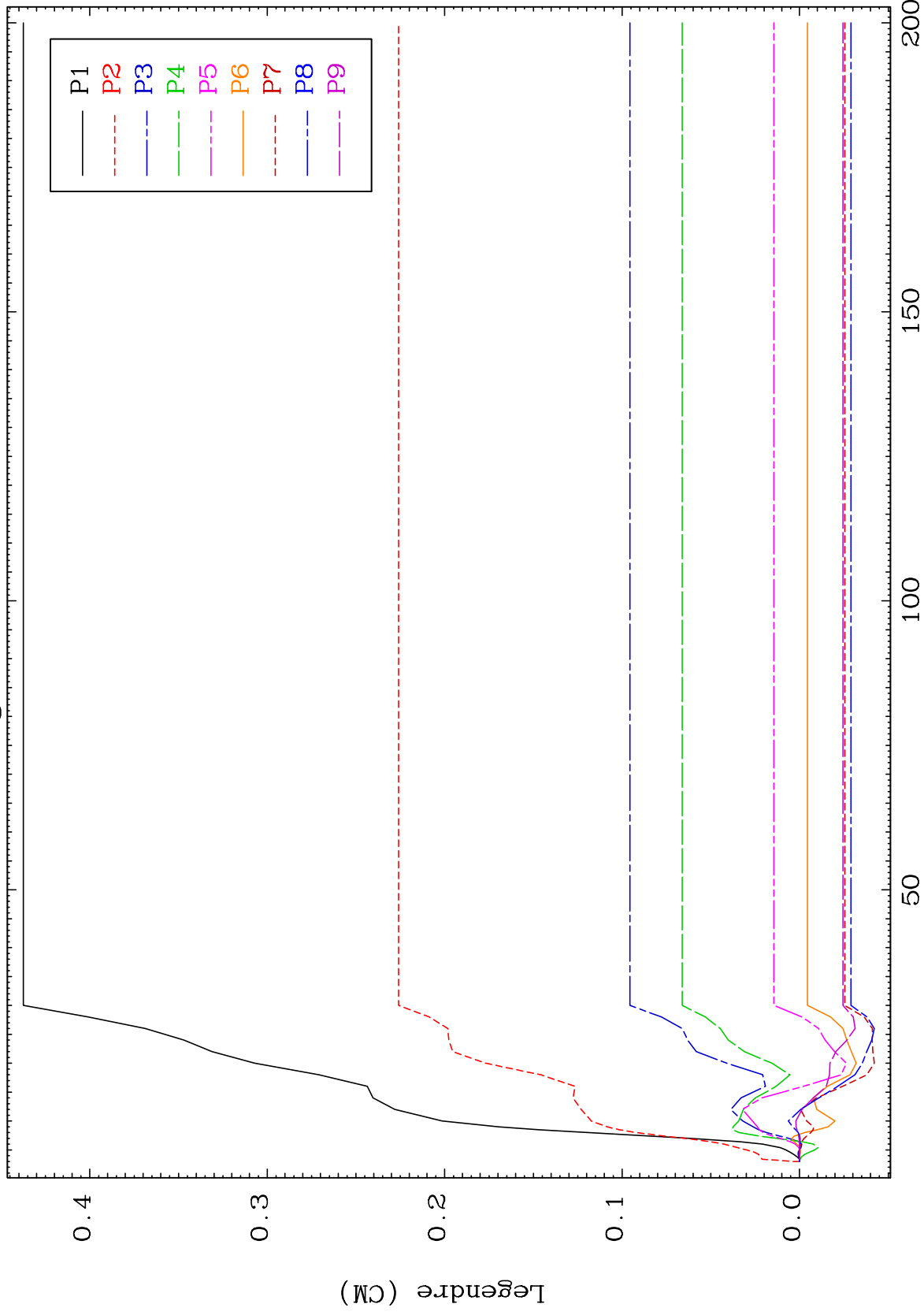
34-Se-80



MAT 3443

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

³⁴Se-80



92

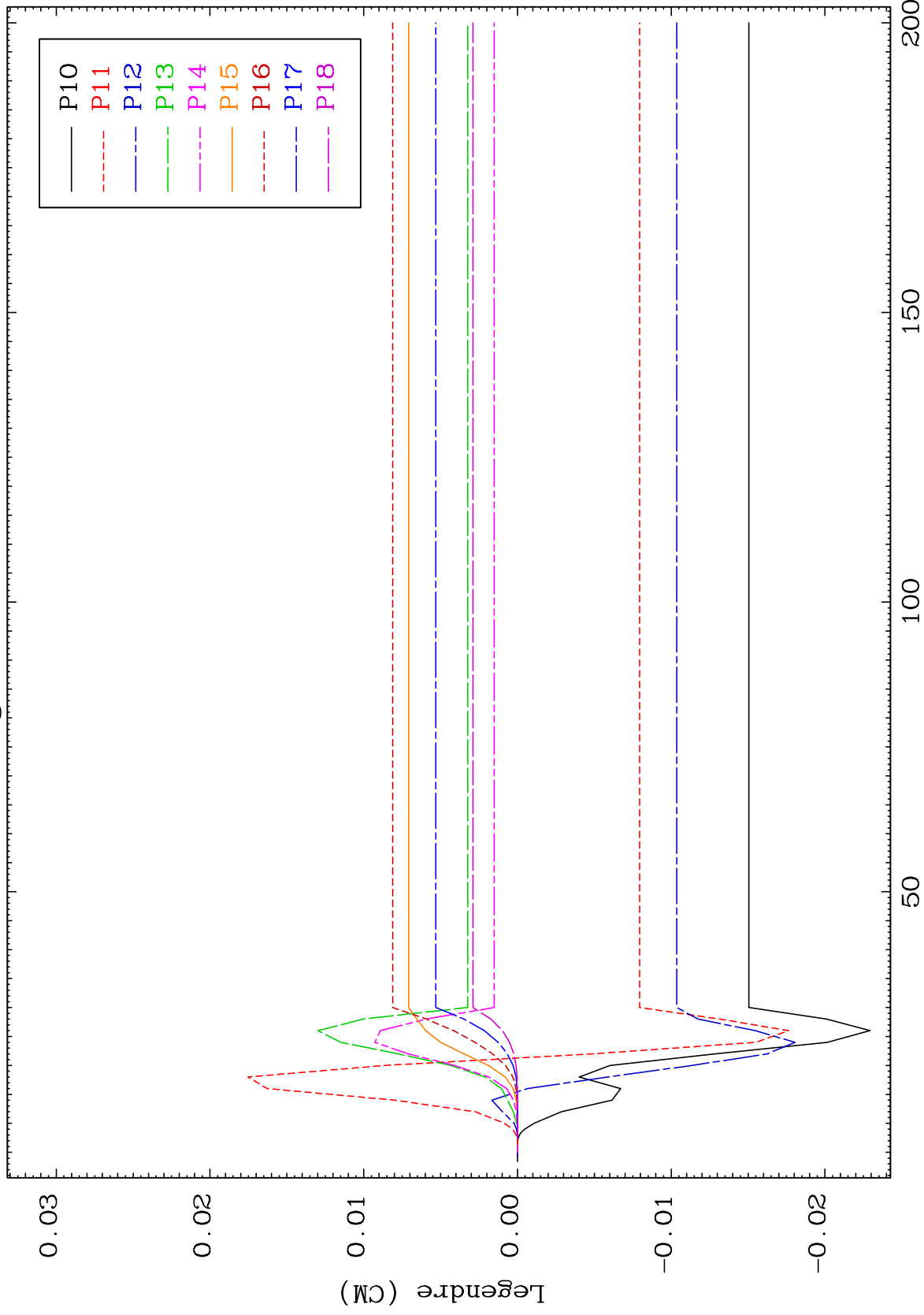
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



93

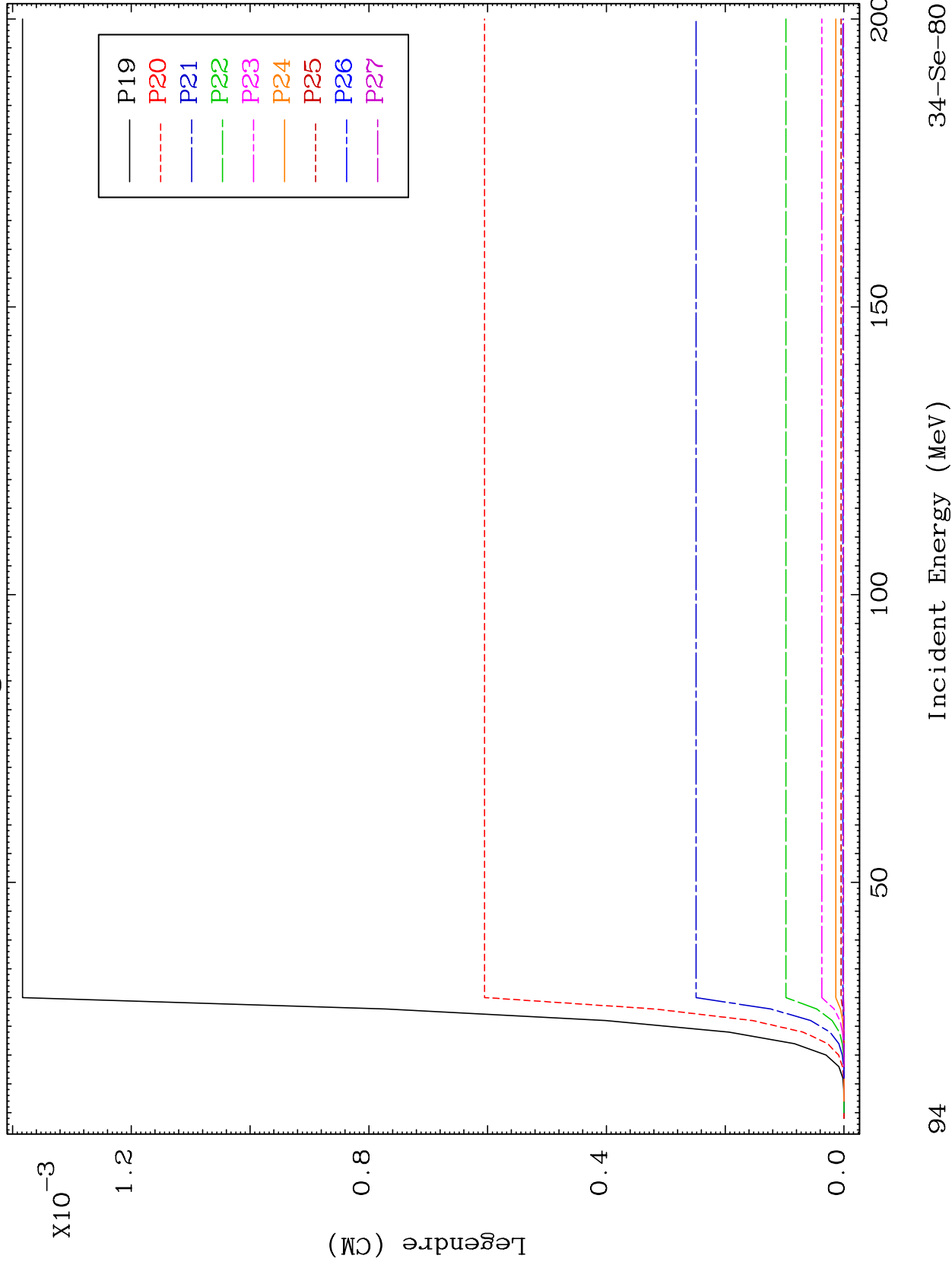
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

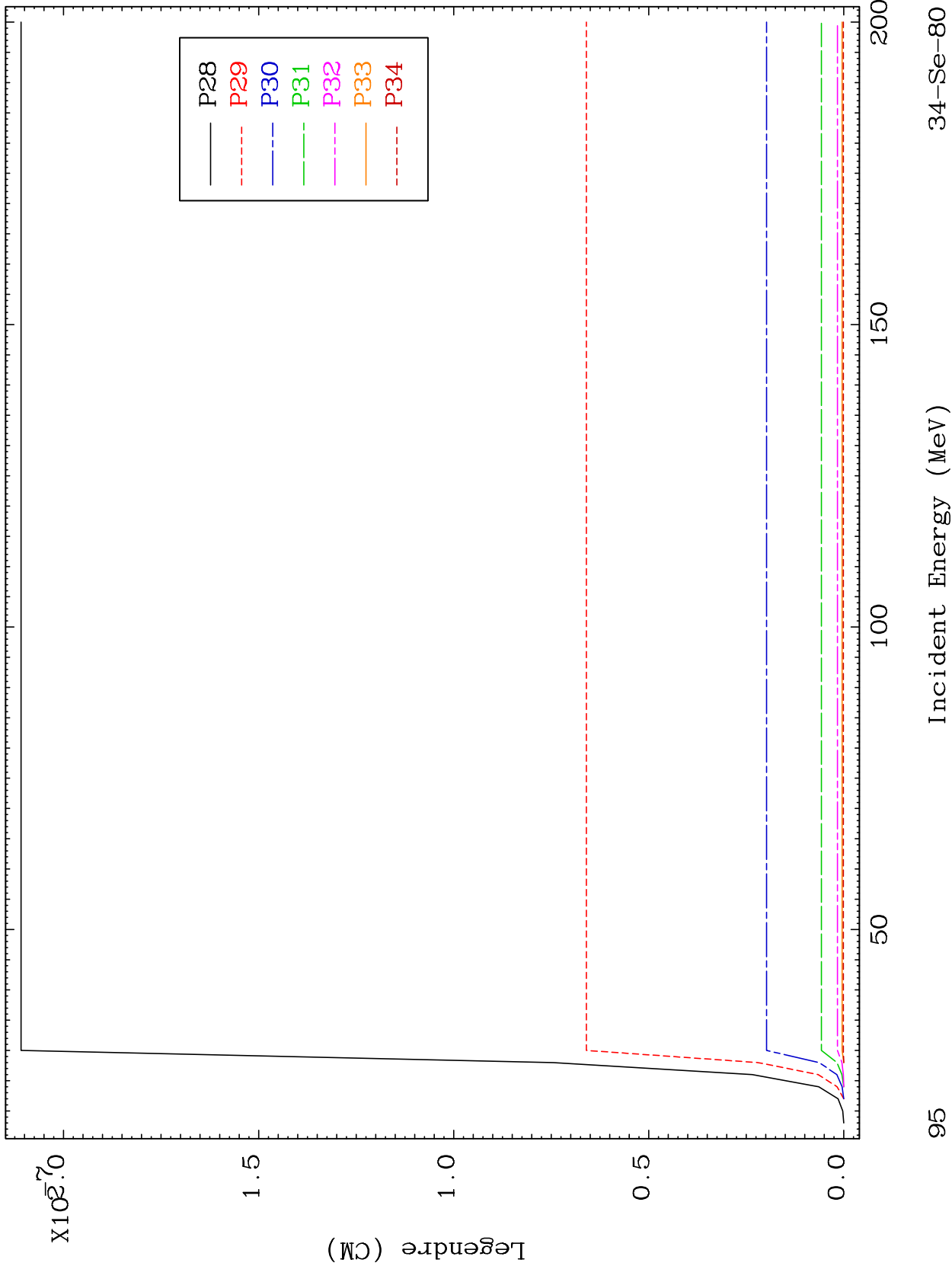
³⁴Se-80



MAT 3443

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

34-Se-80



95

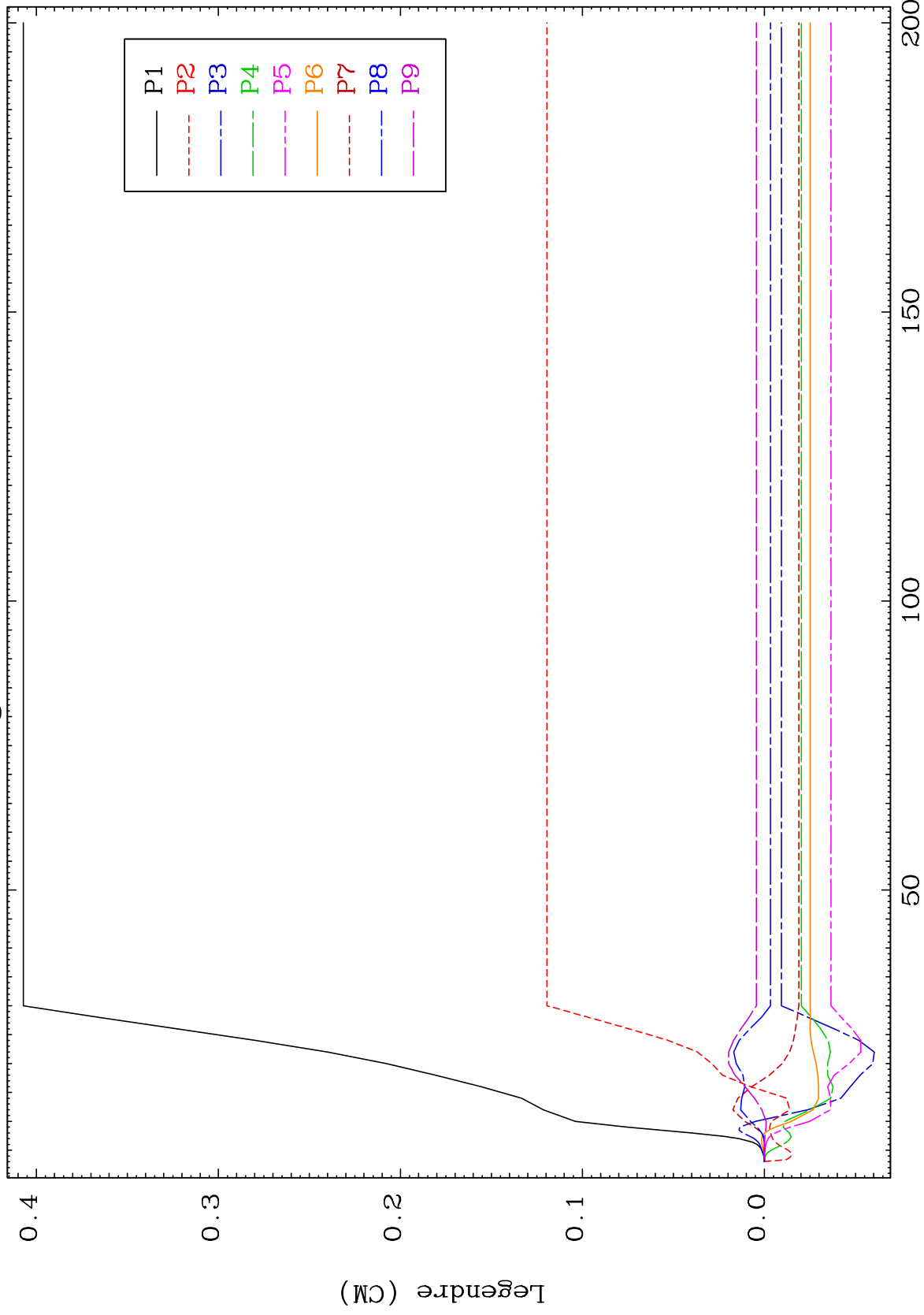
Incident Energy (MeV)

34-Se-80

MAT 3443

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

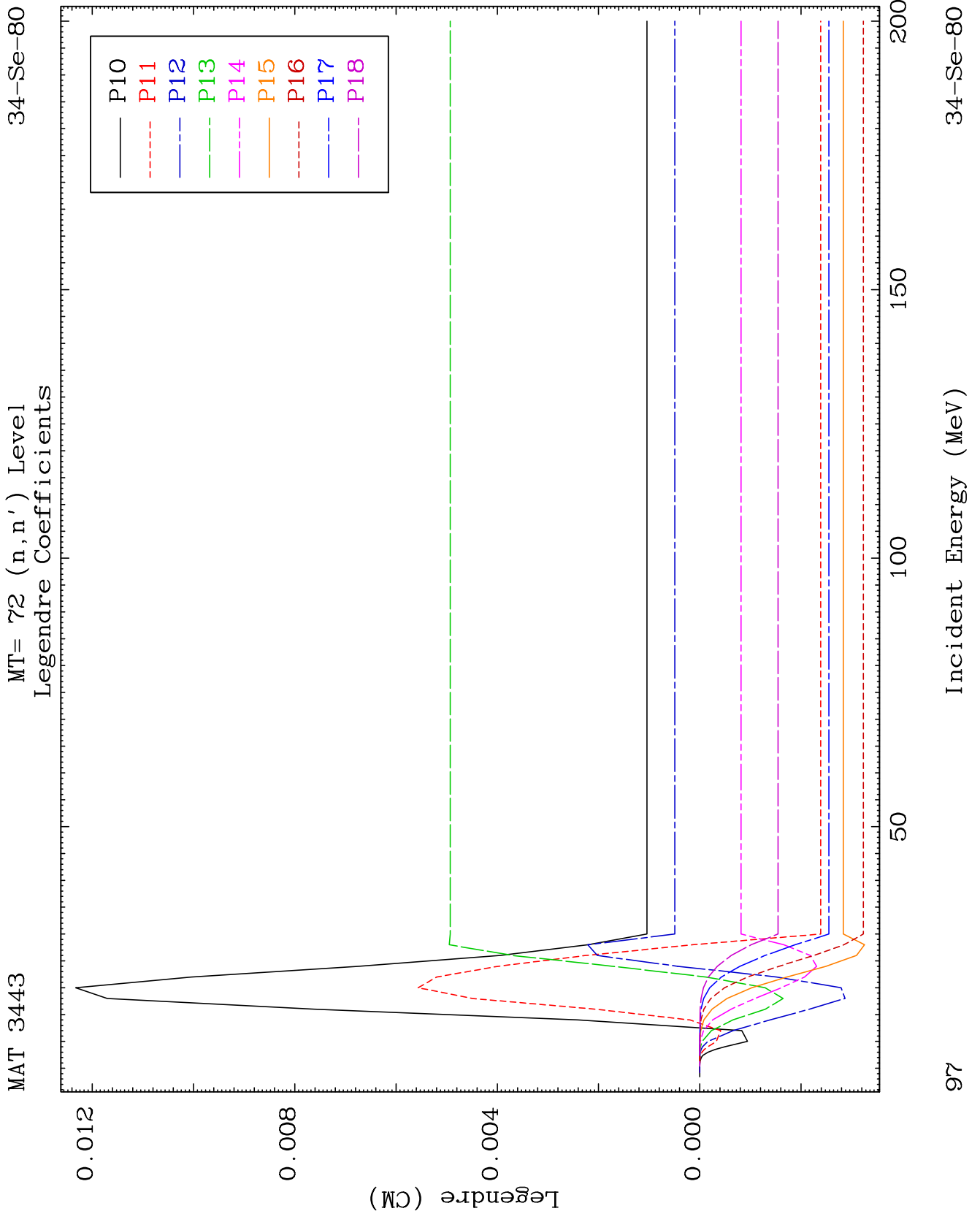
³⁴Se-80



96

Incident Energy (MeV)

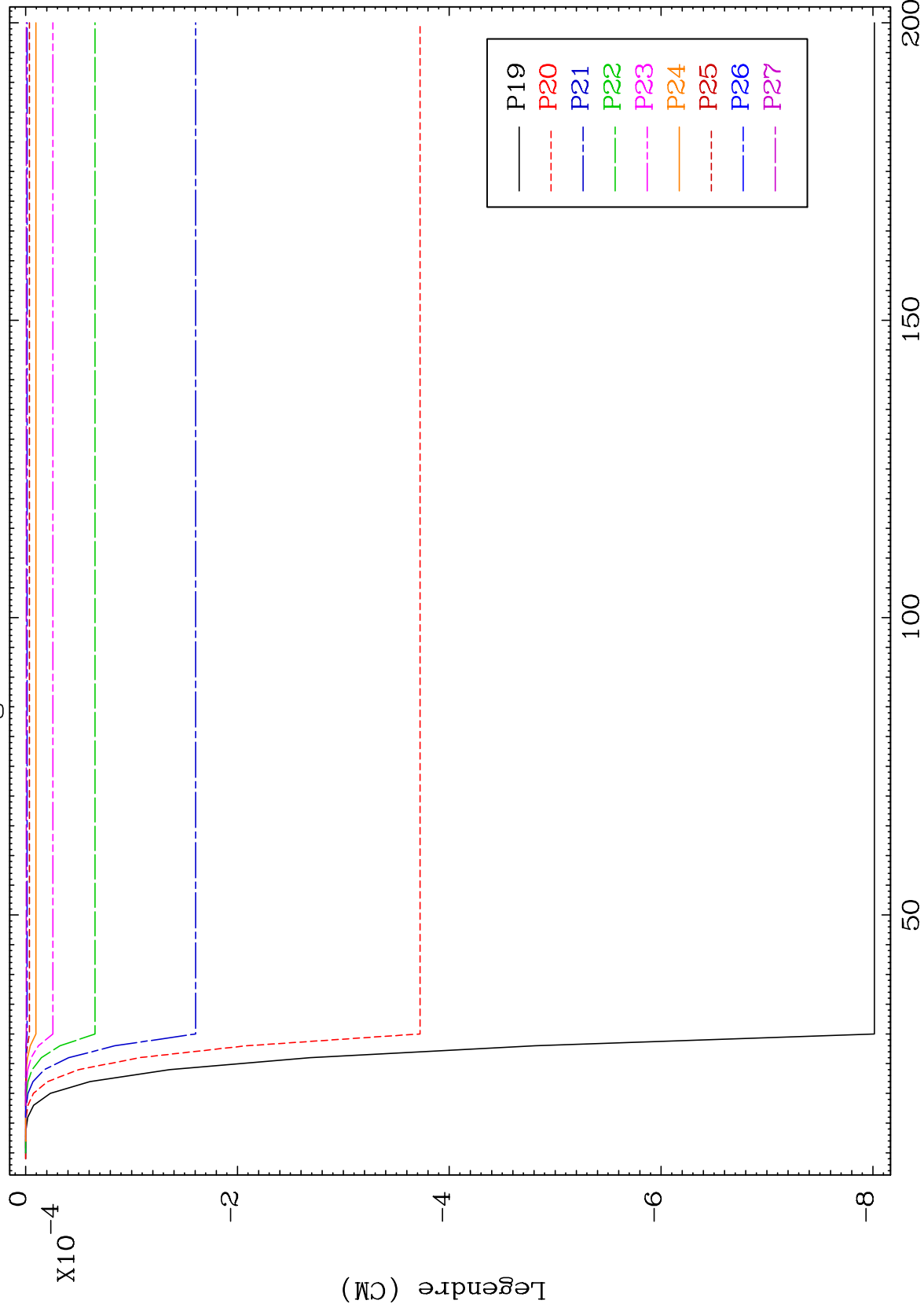
³⁴Se-80

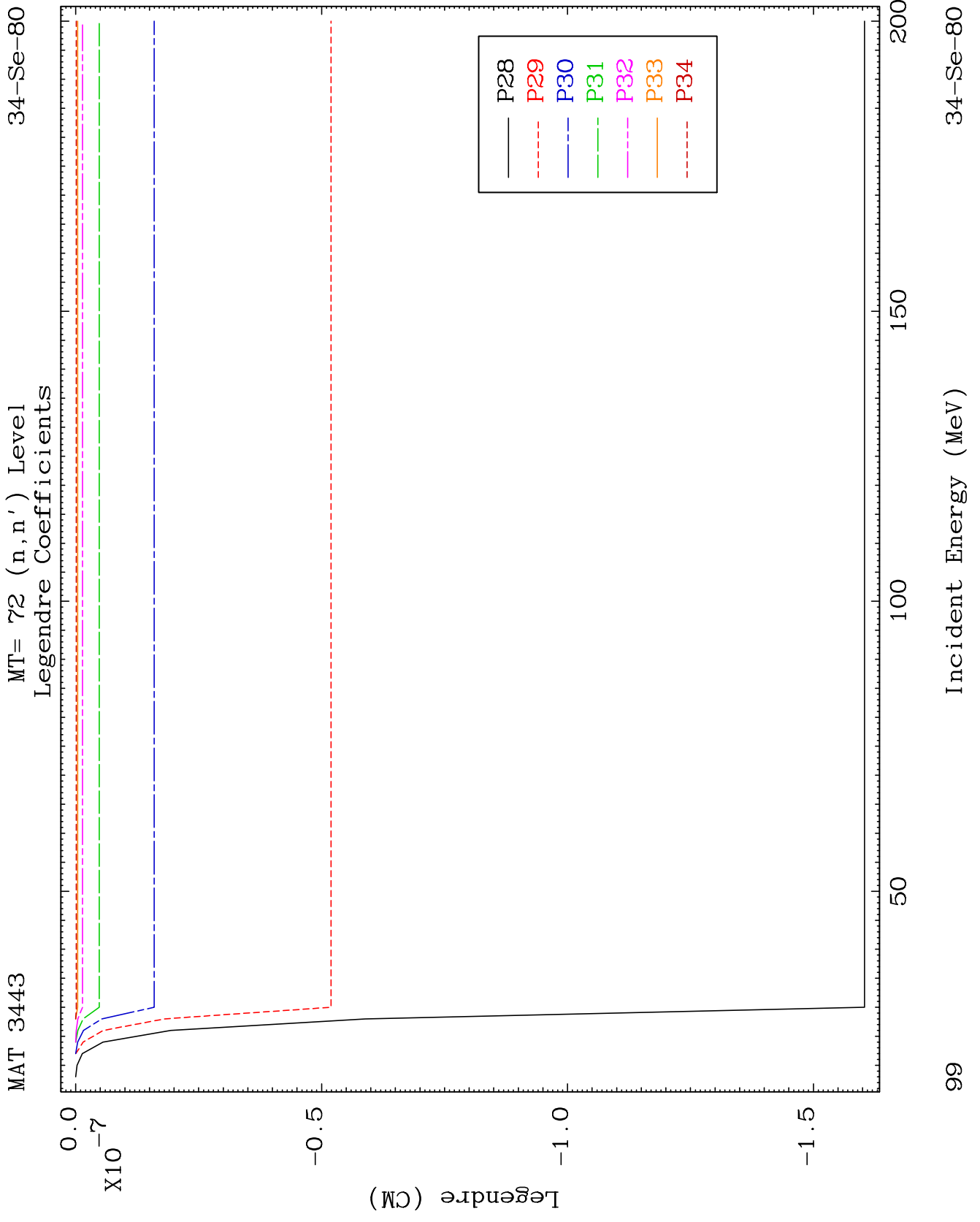


MAT 3443

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

34-Se-80

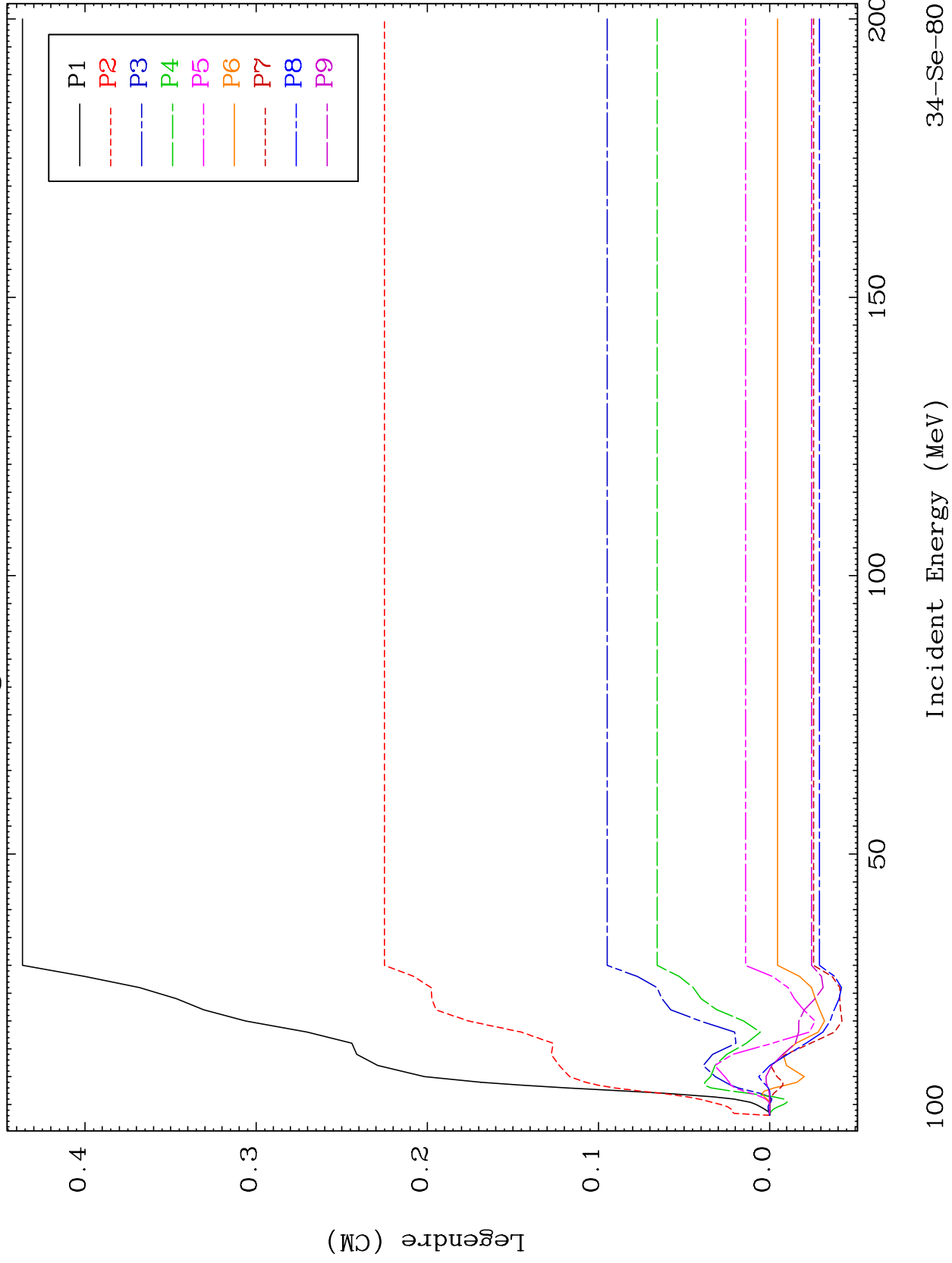




MAT 3443

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

³⁴Se-80

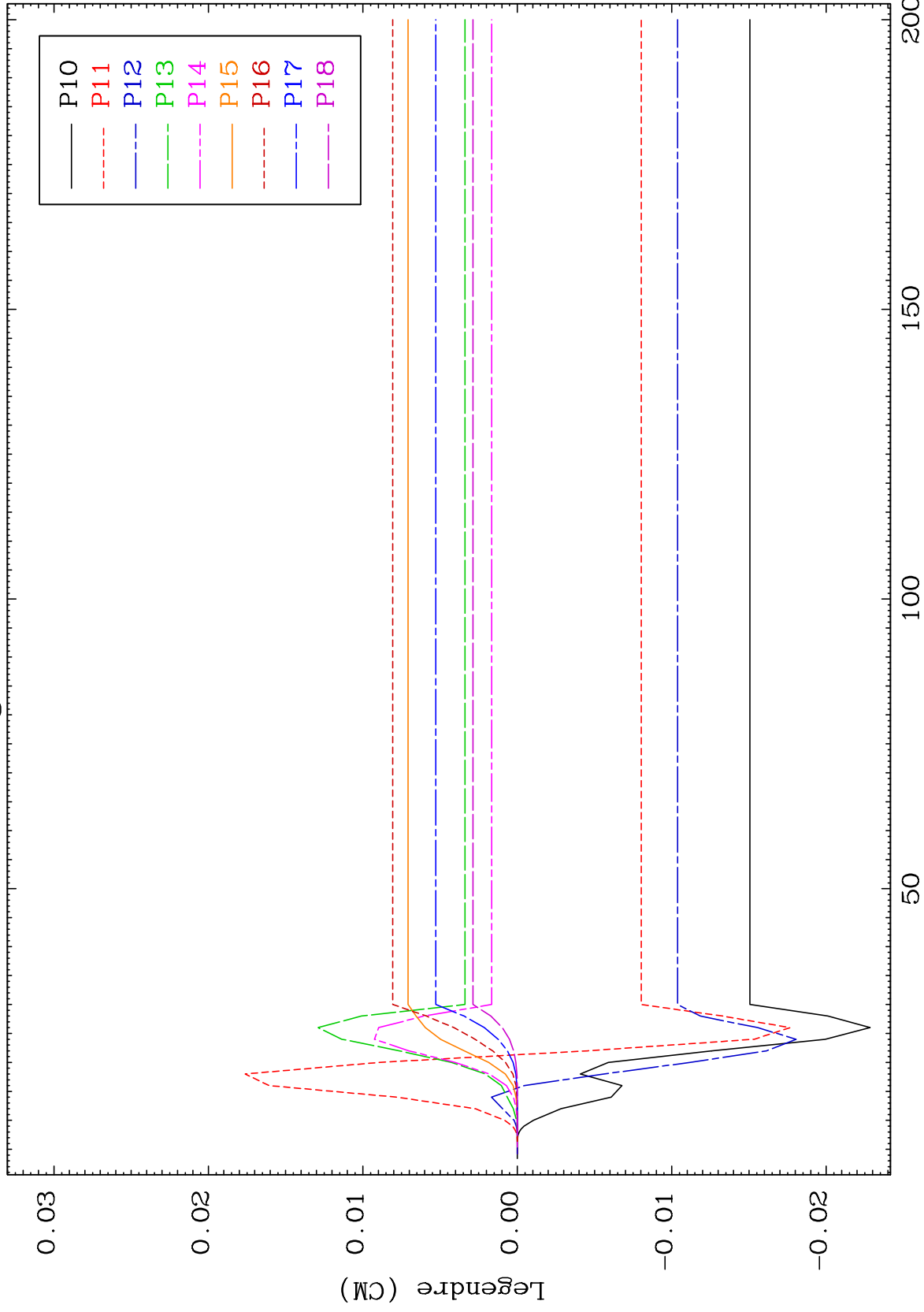


³⁴Se-80

MAT 3443

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

³⁴Se-80



101

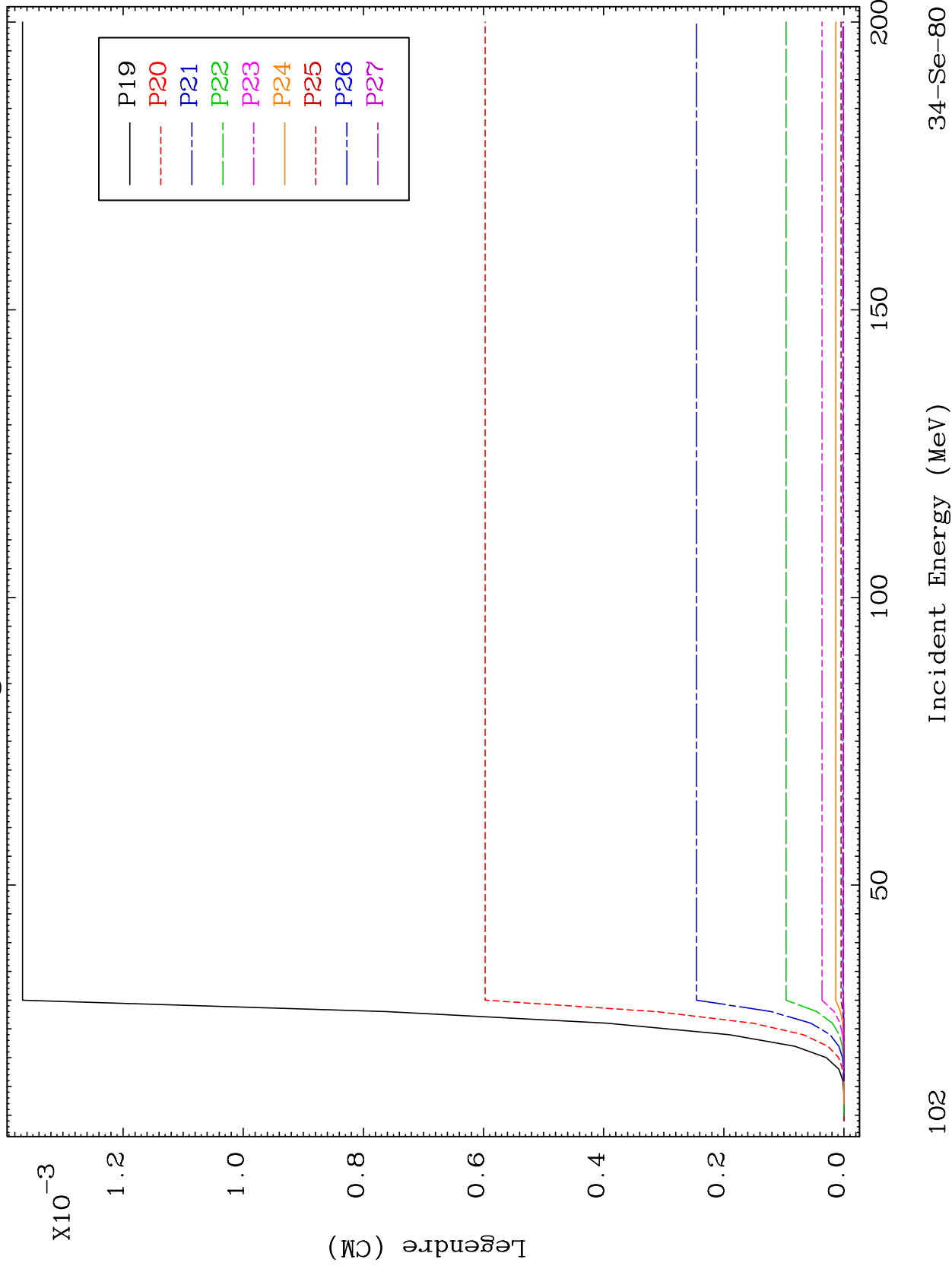
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80



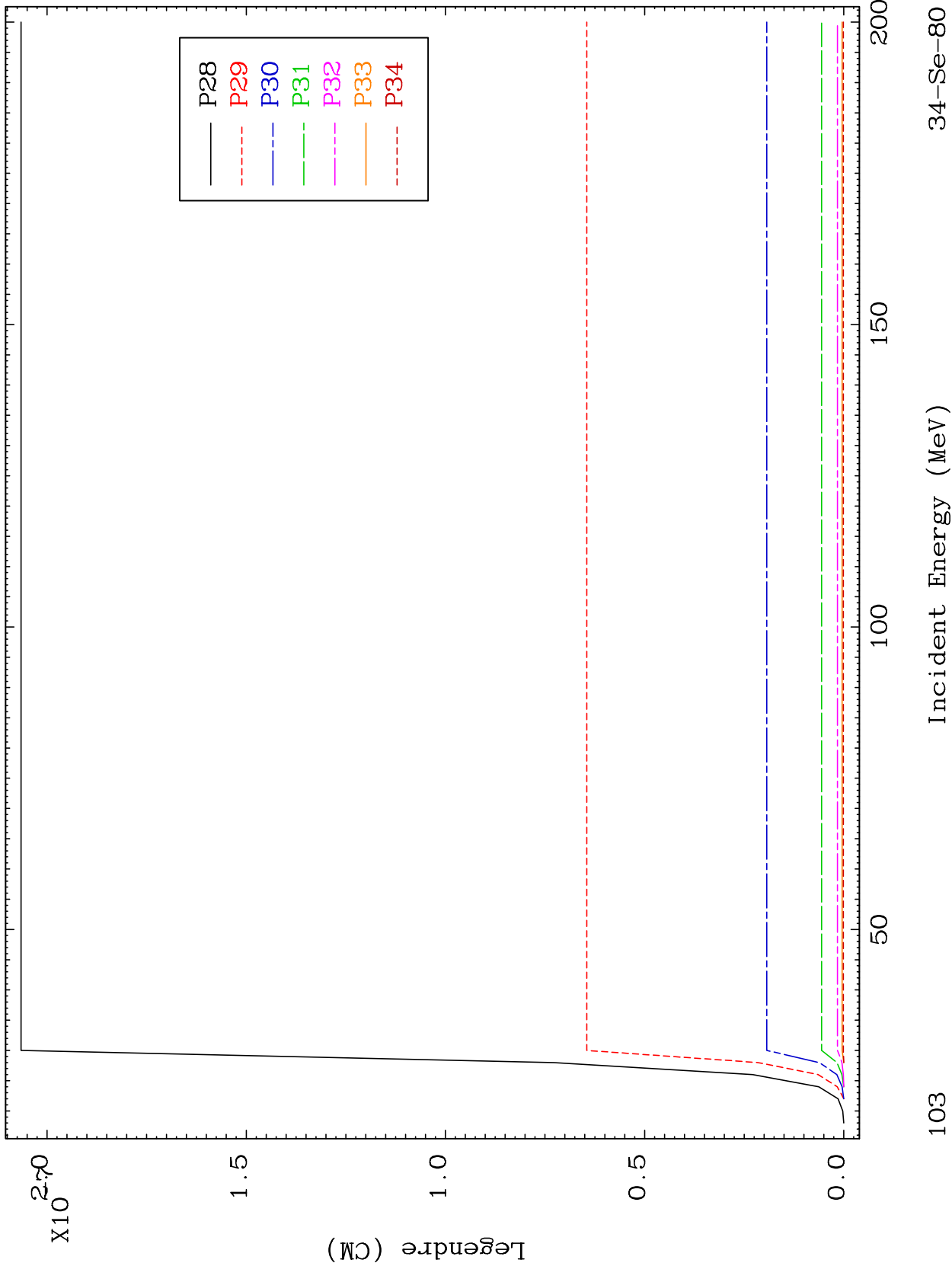
102

34-Se-80

MAT 3443

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

34-Se-80

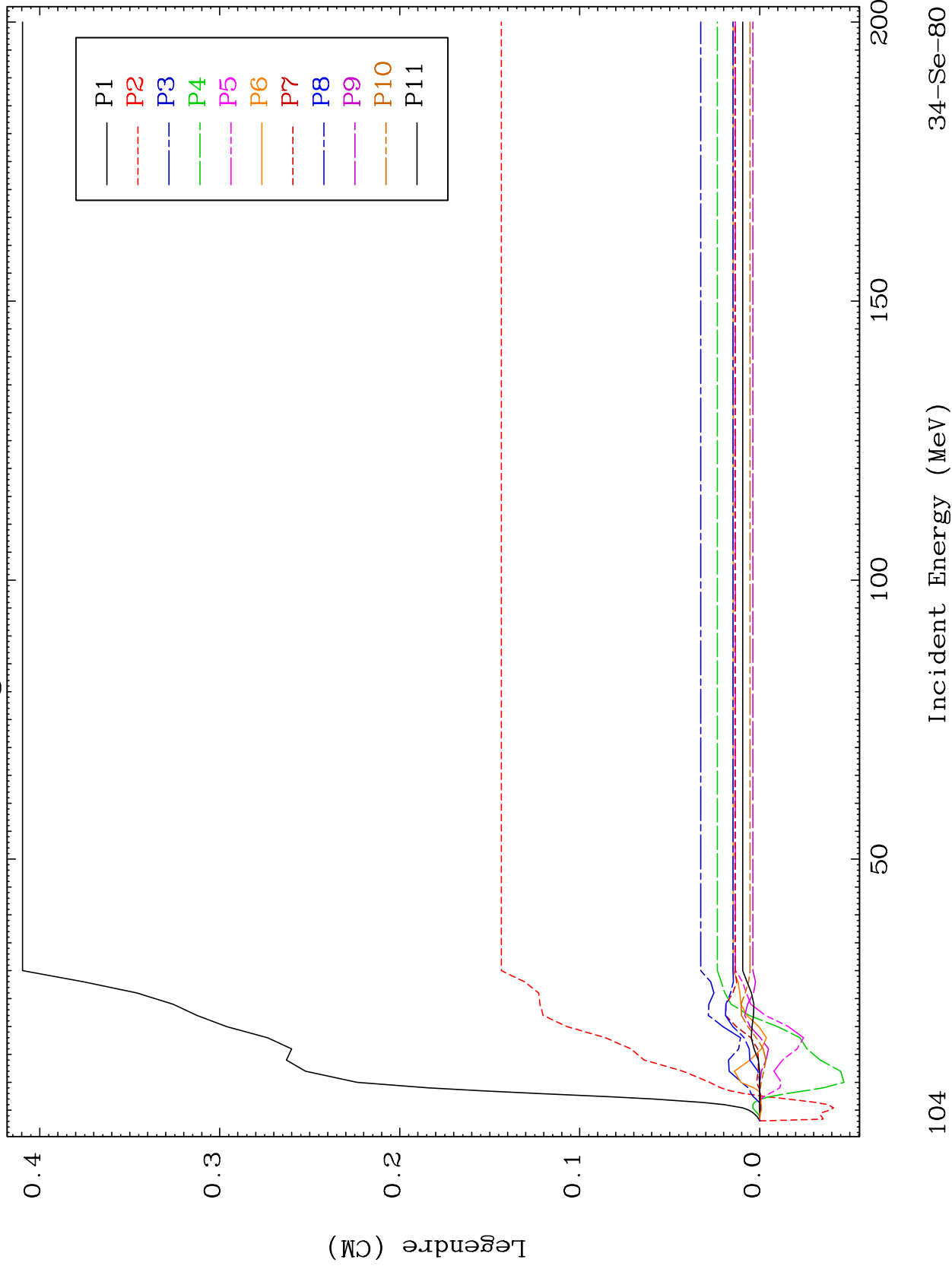


103

MAT 3443

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

³⁴Se-80



104

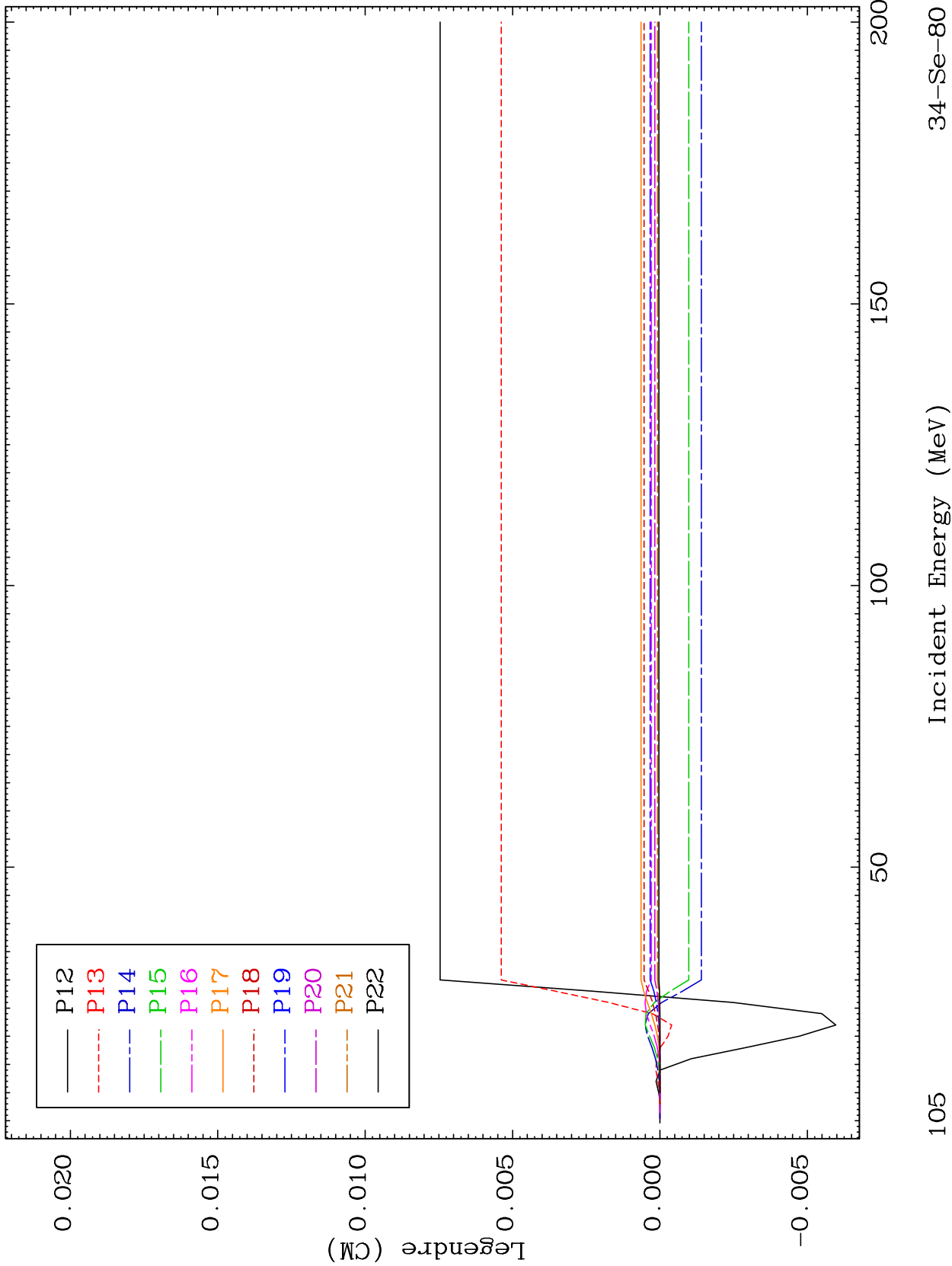
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



105

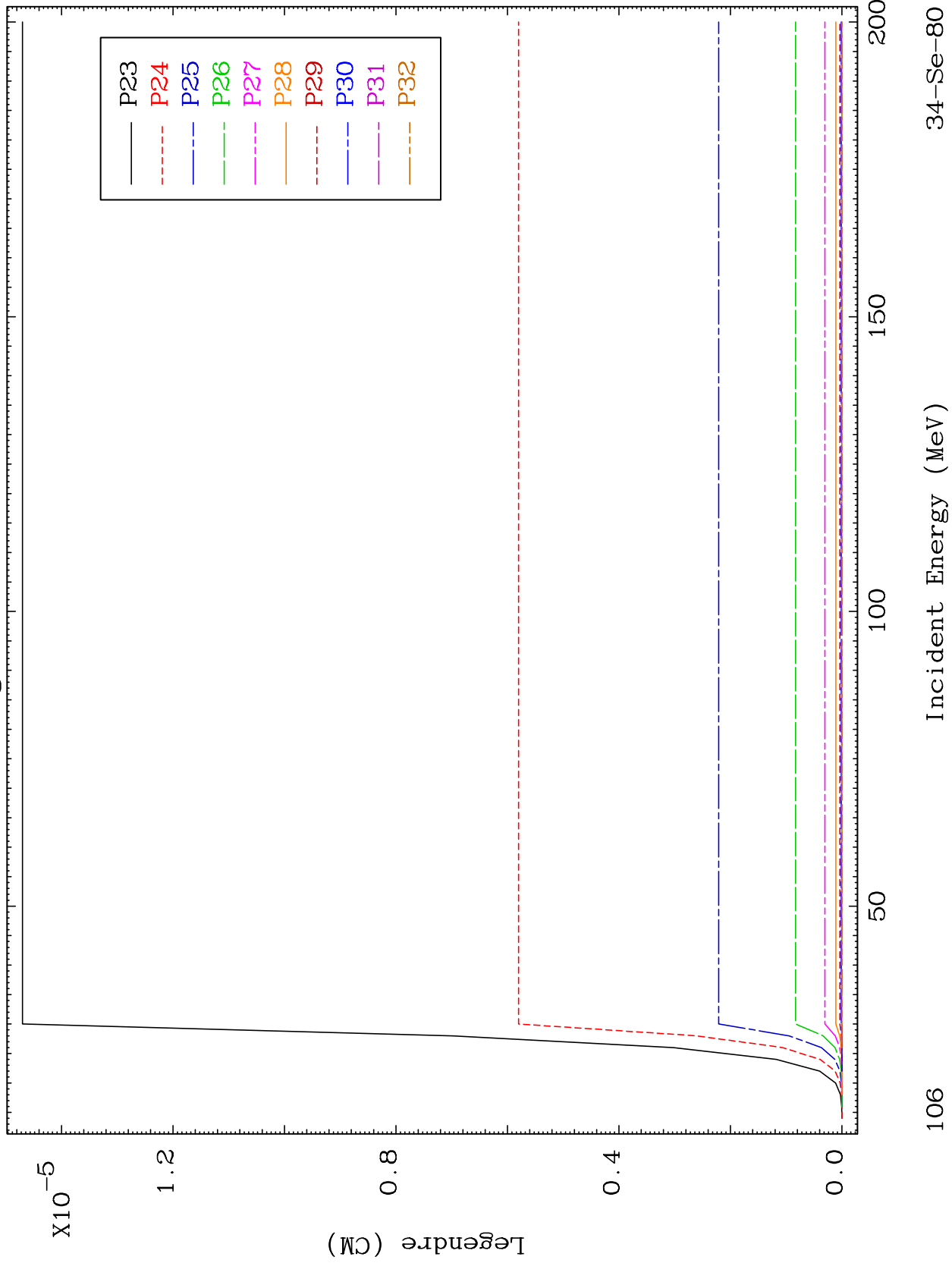
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

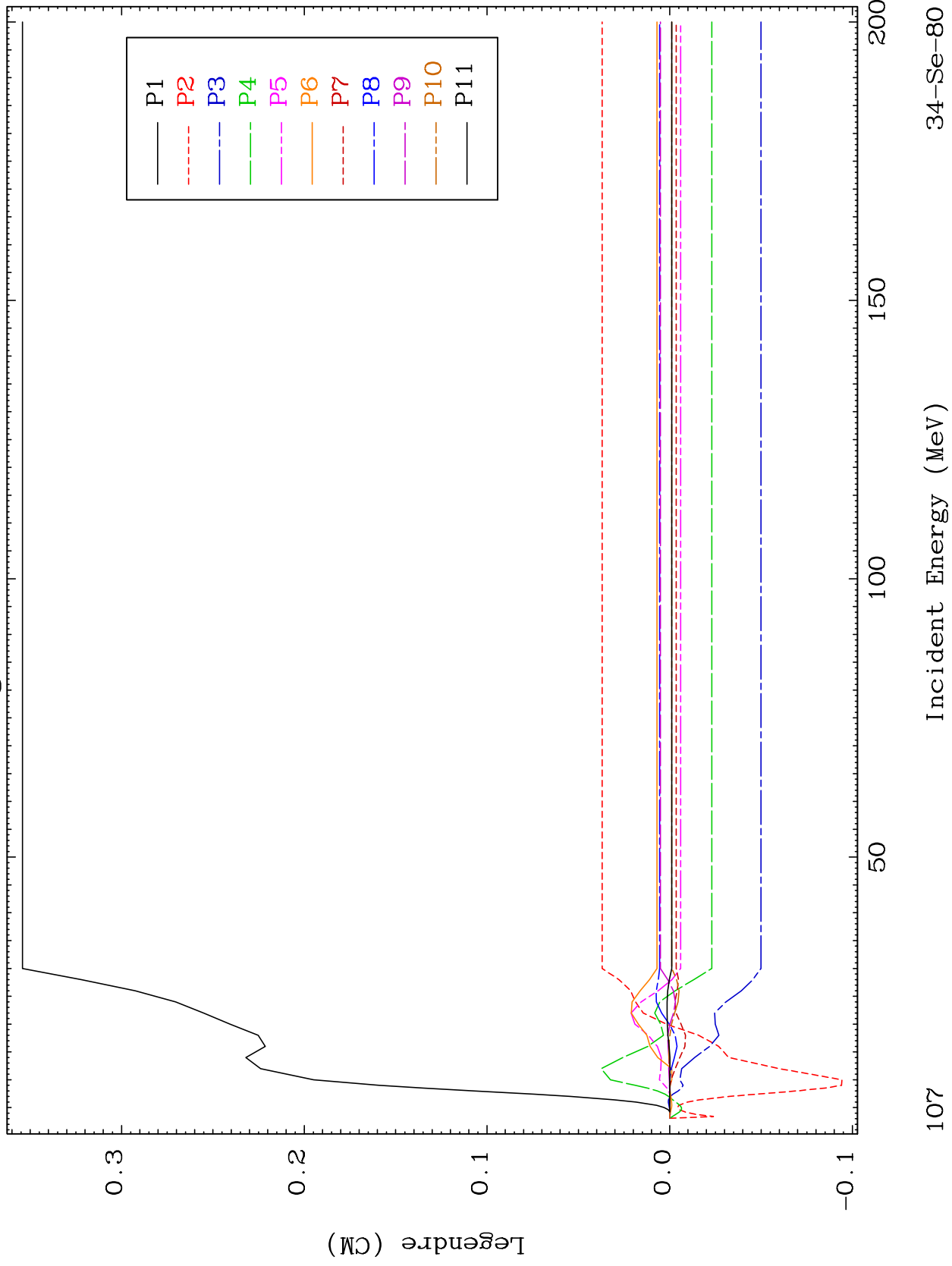
³⁴Se-80



MAT 3443

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

³⁴Se-80



³⁴Se-80

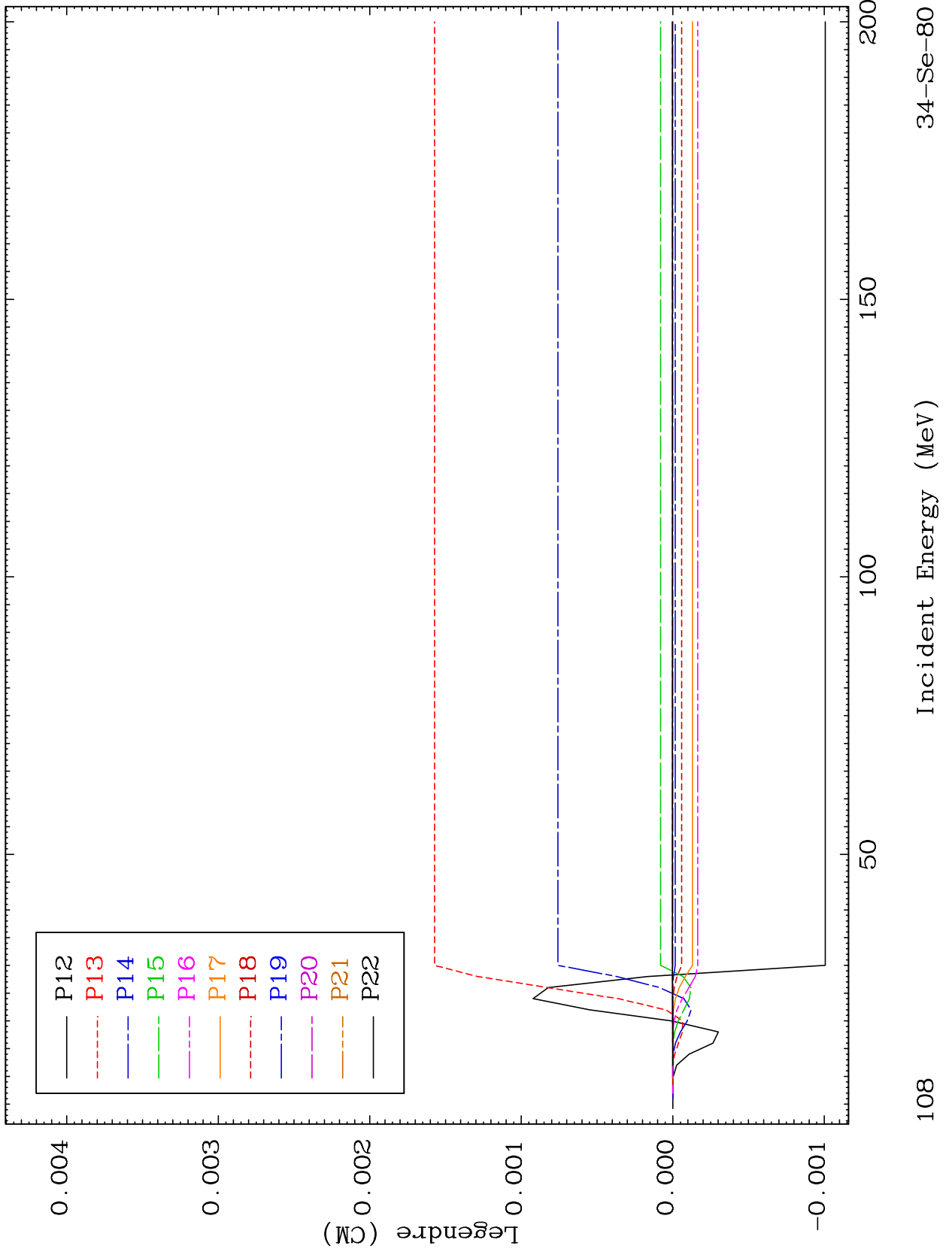
Incident Energy (MeV)

107

MAT 3443

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

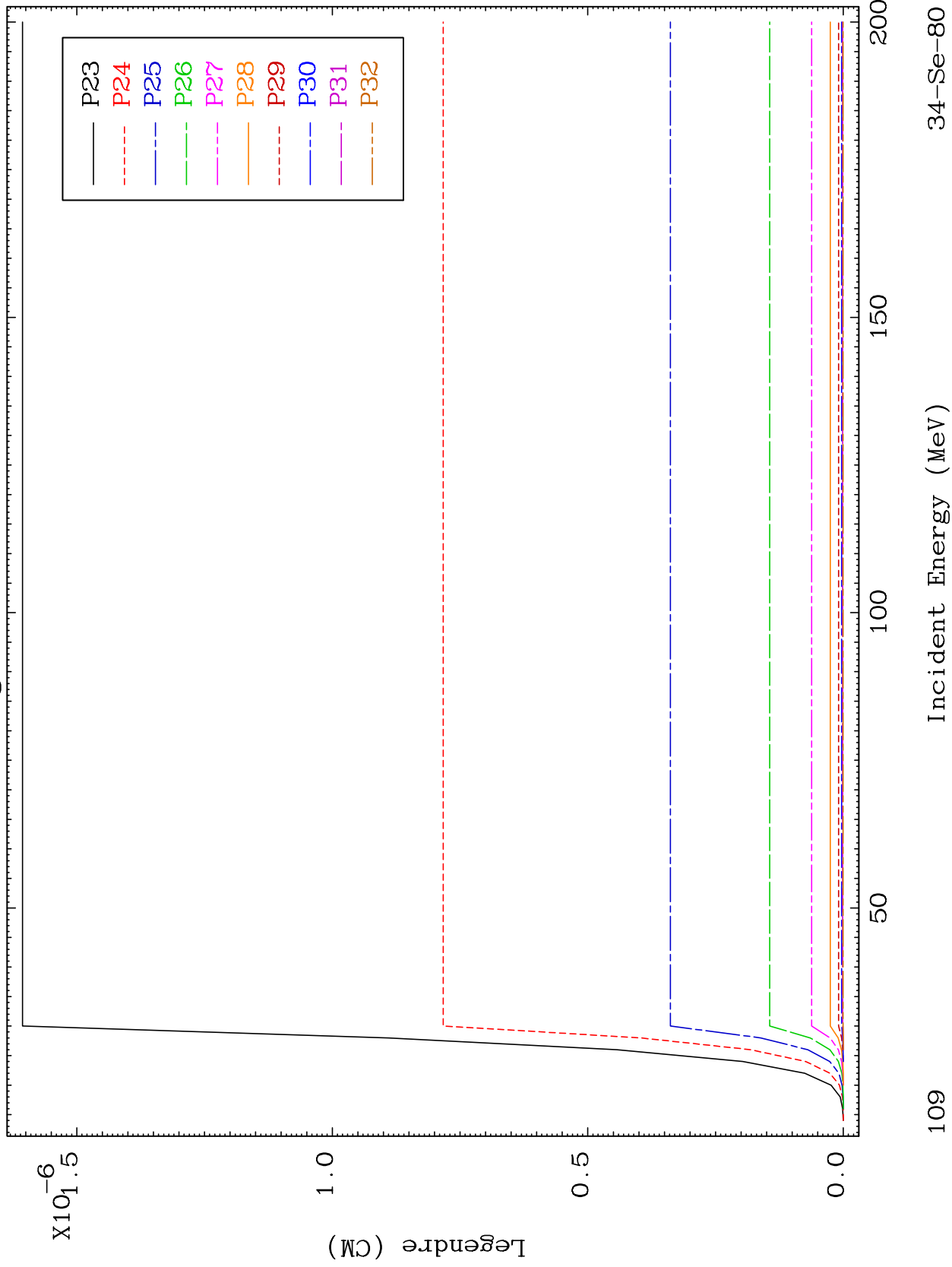
34-Se-80



MAT 3443

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

34-Se-80



109

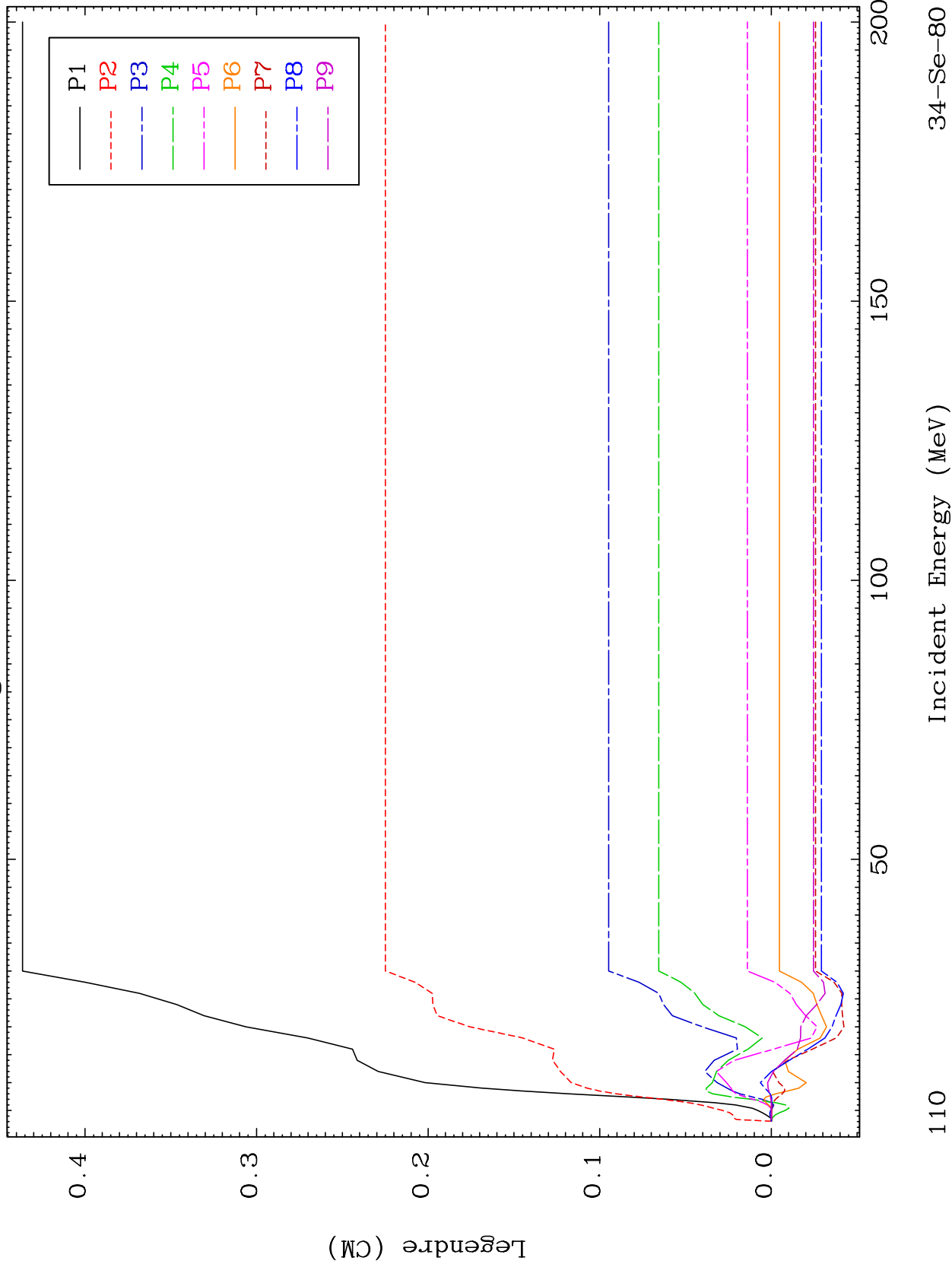
Incident Energy (MeV)

34-Se-80

MAT 3443

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

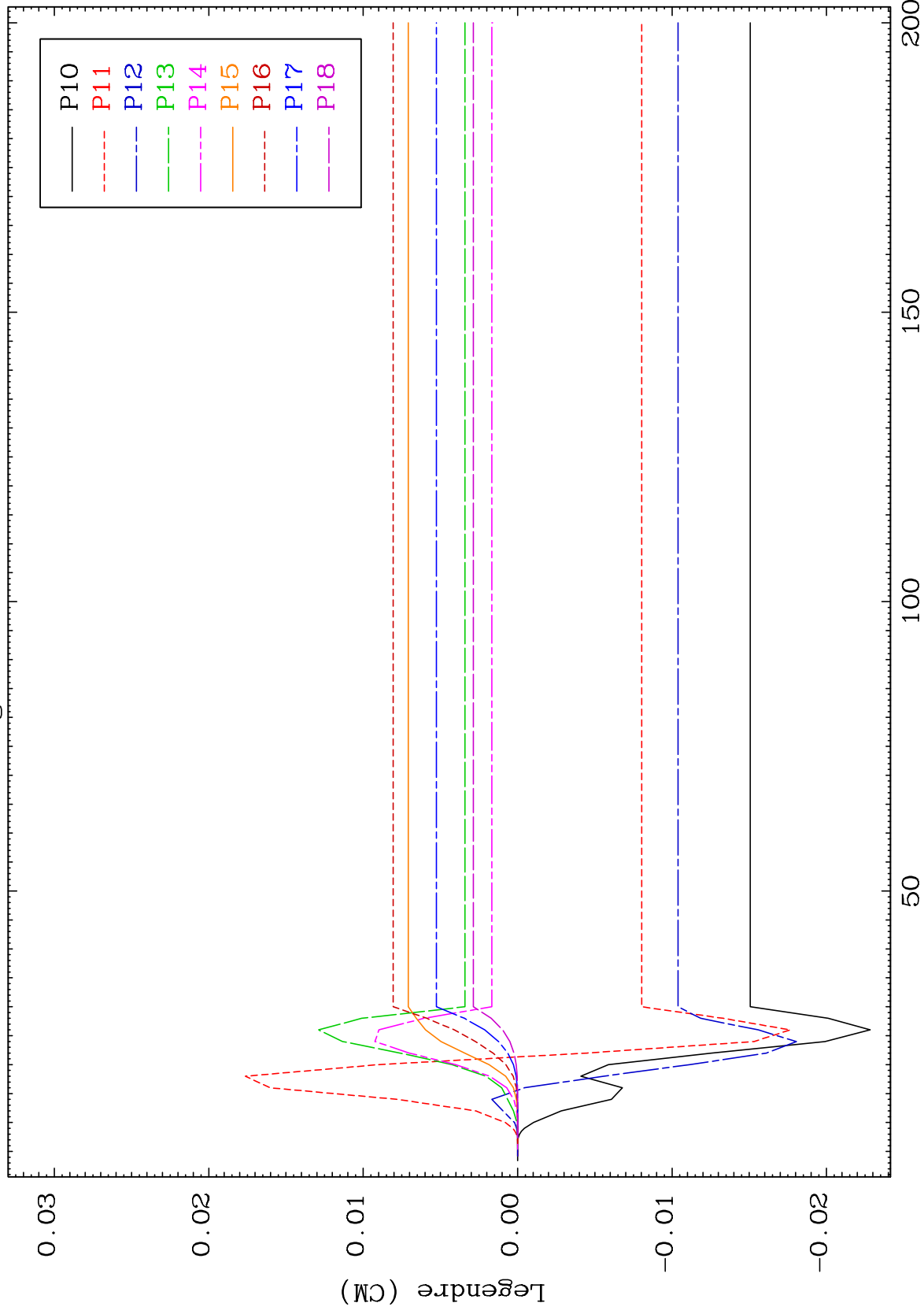
³⁴Se-80



MAT 3443

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

³⁴Se-80



111

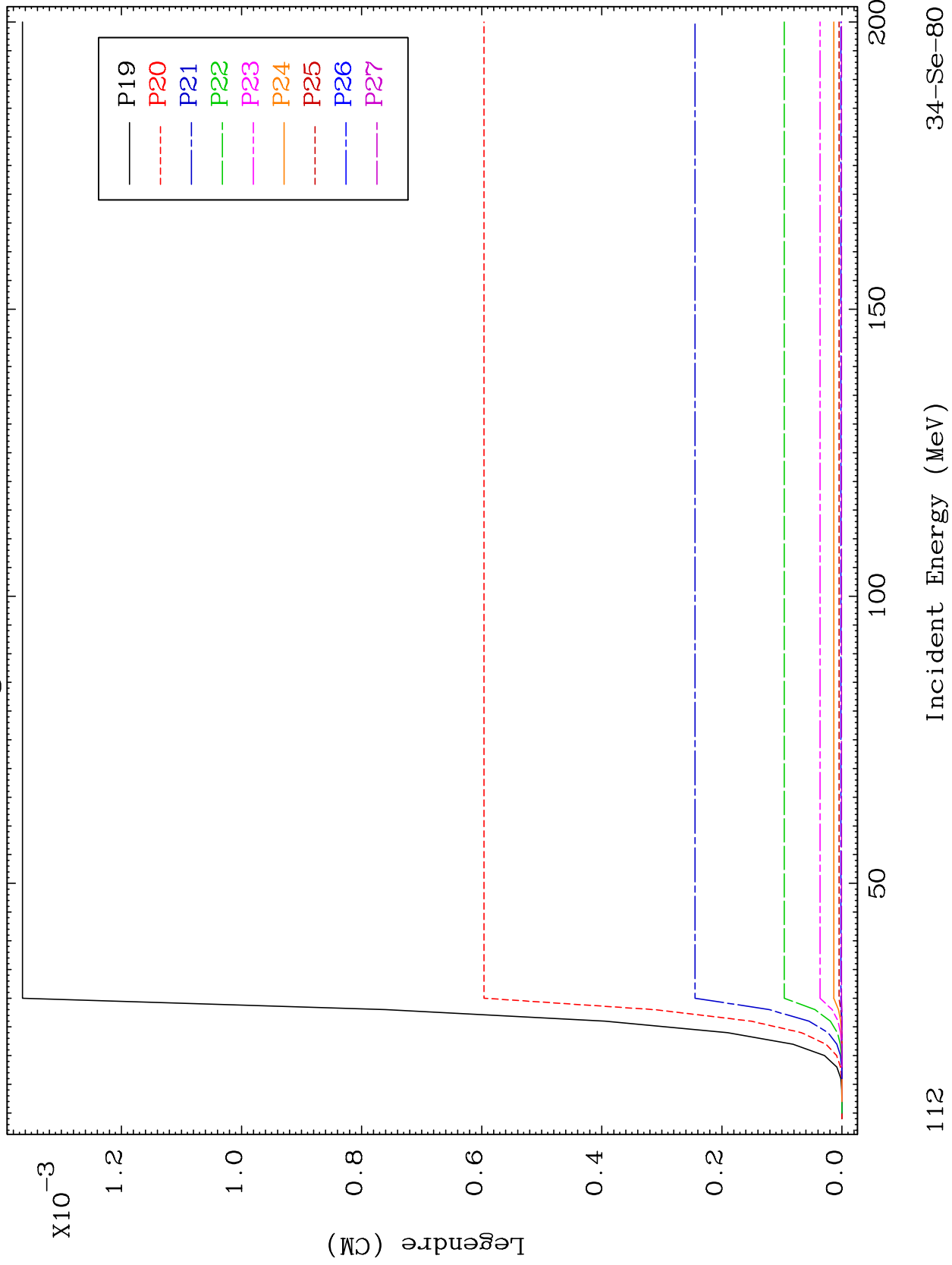
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

34-Se-80

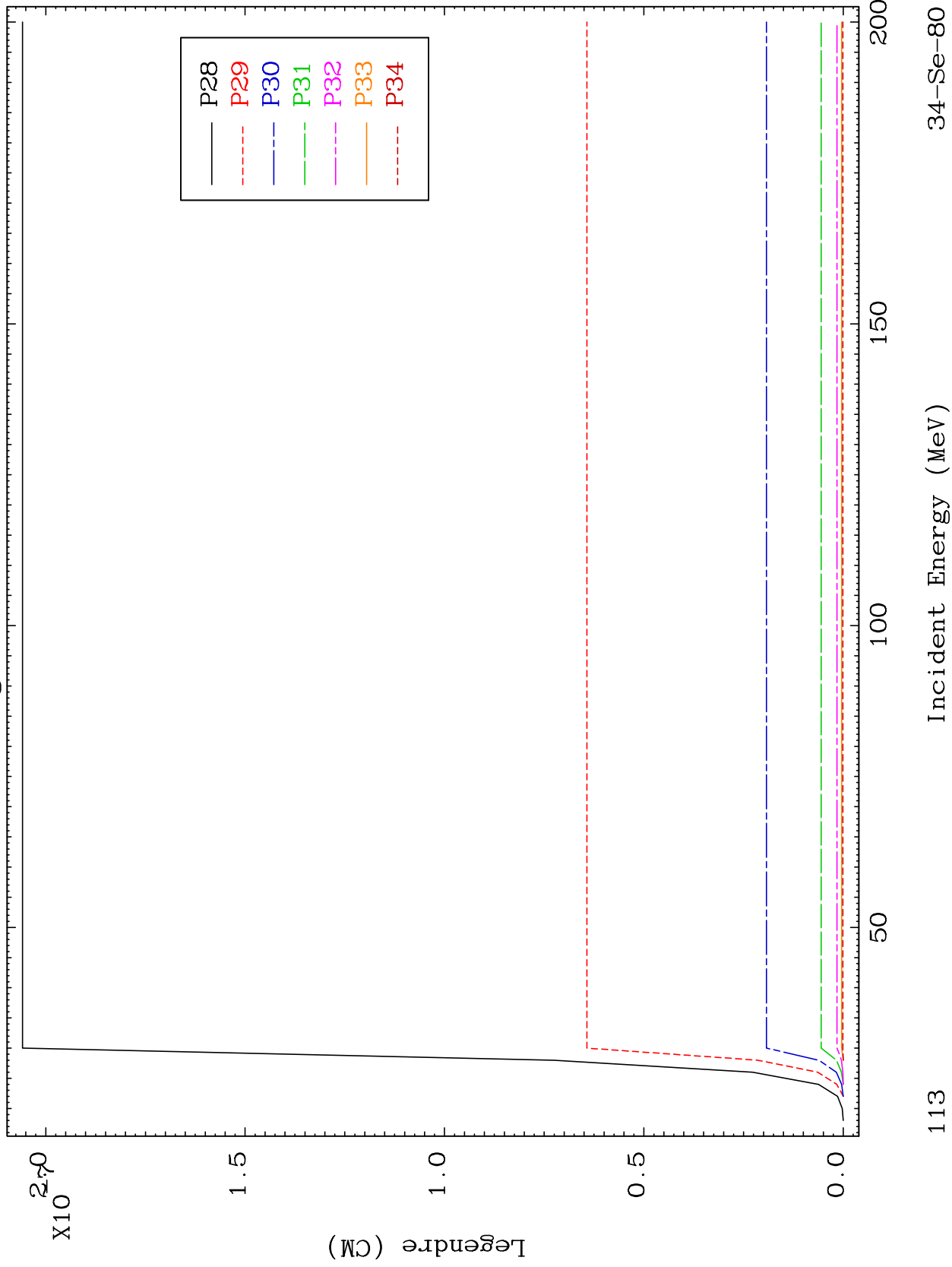


112

MAT 3443

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

34-Se-80



113

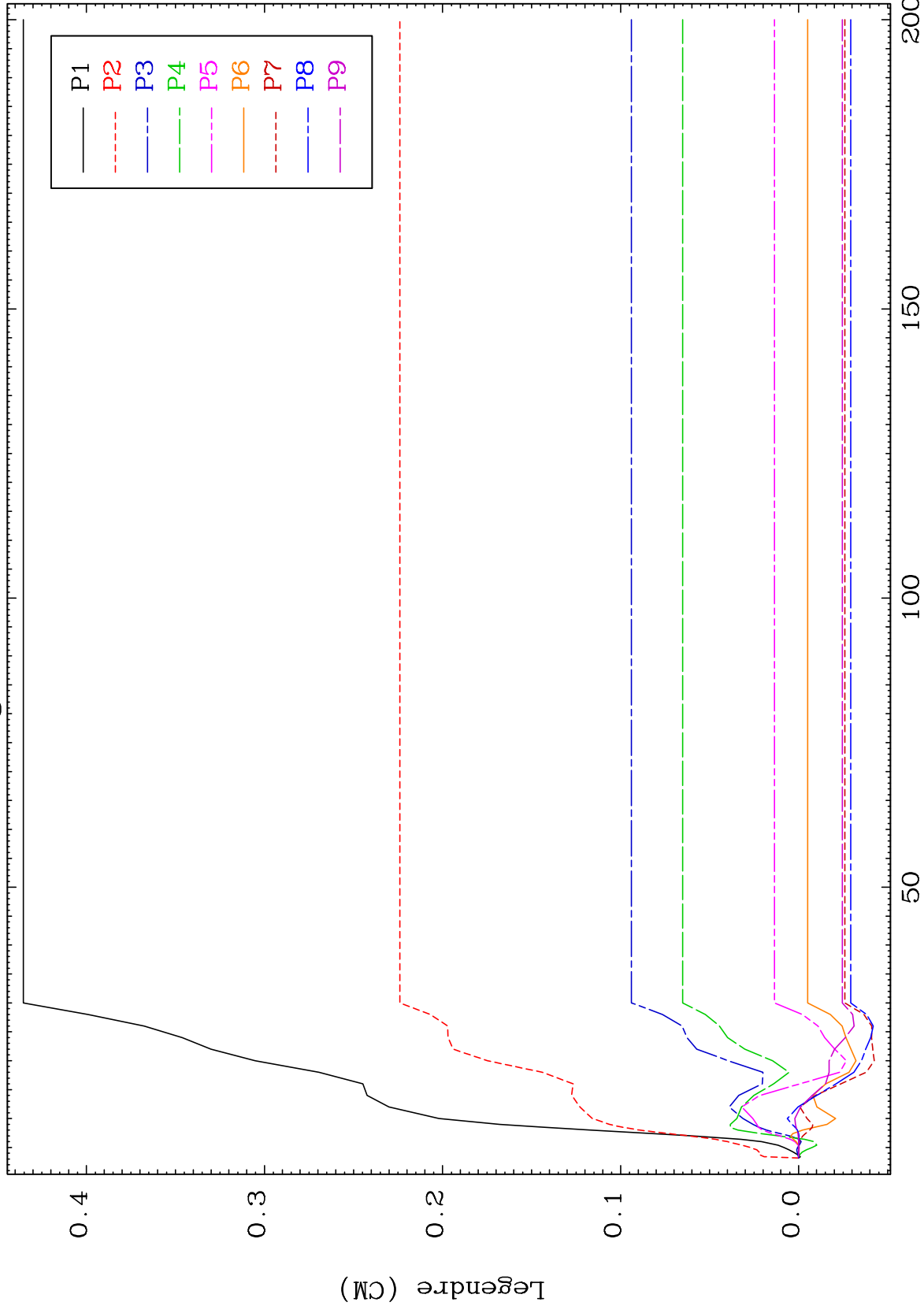
Incident Energy (MeV)

34-Se-80

MAT 3443

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

³⁴Se-80



114

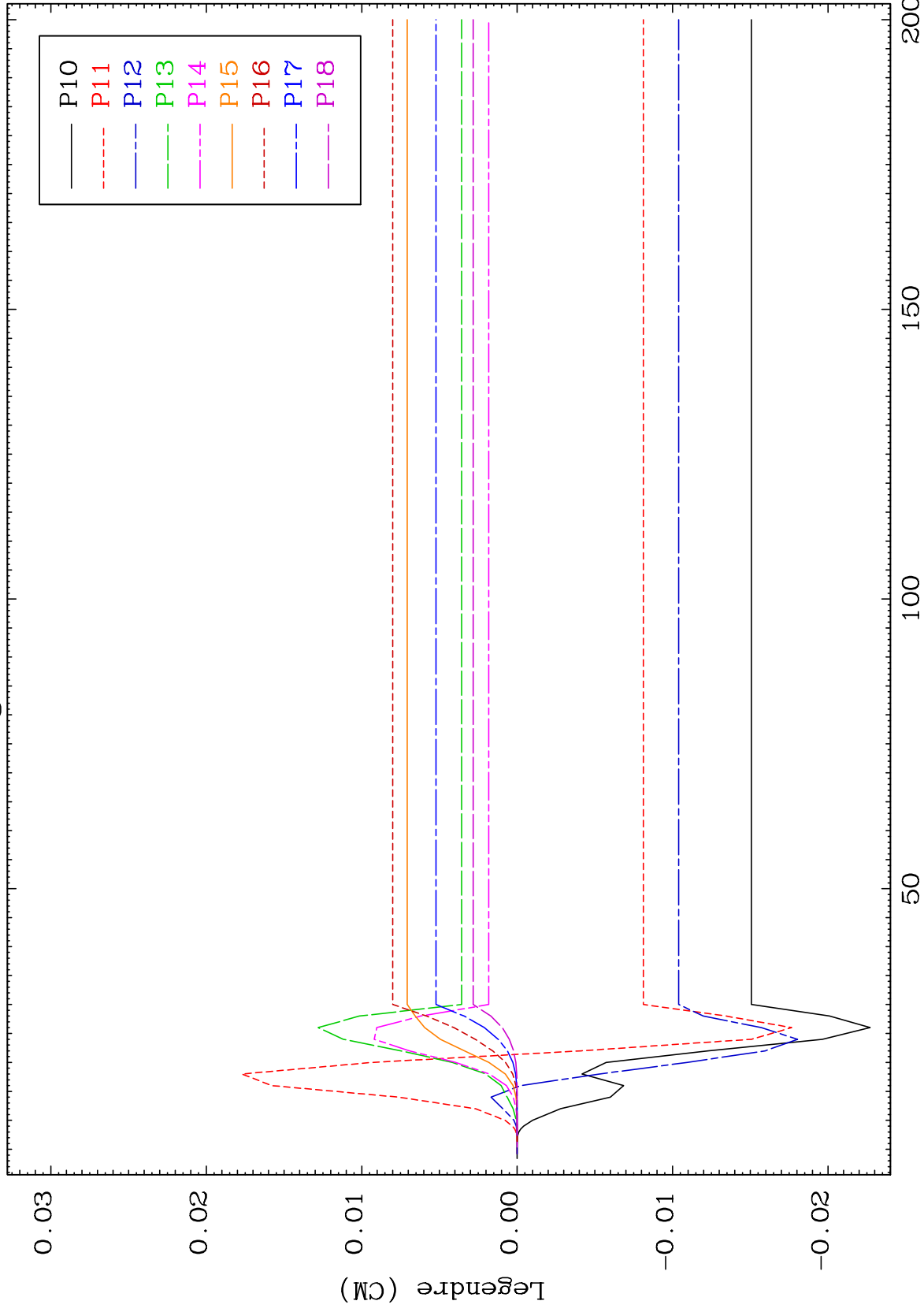
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

³⁴Se-80



115

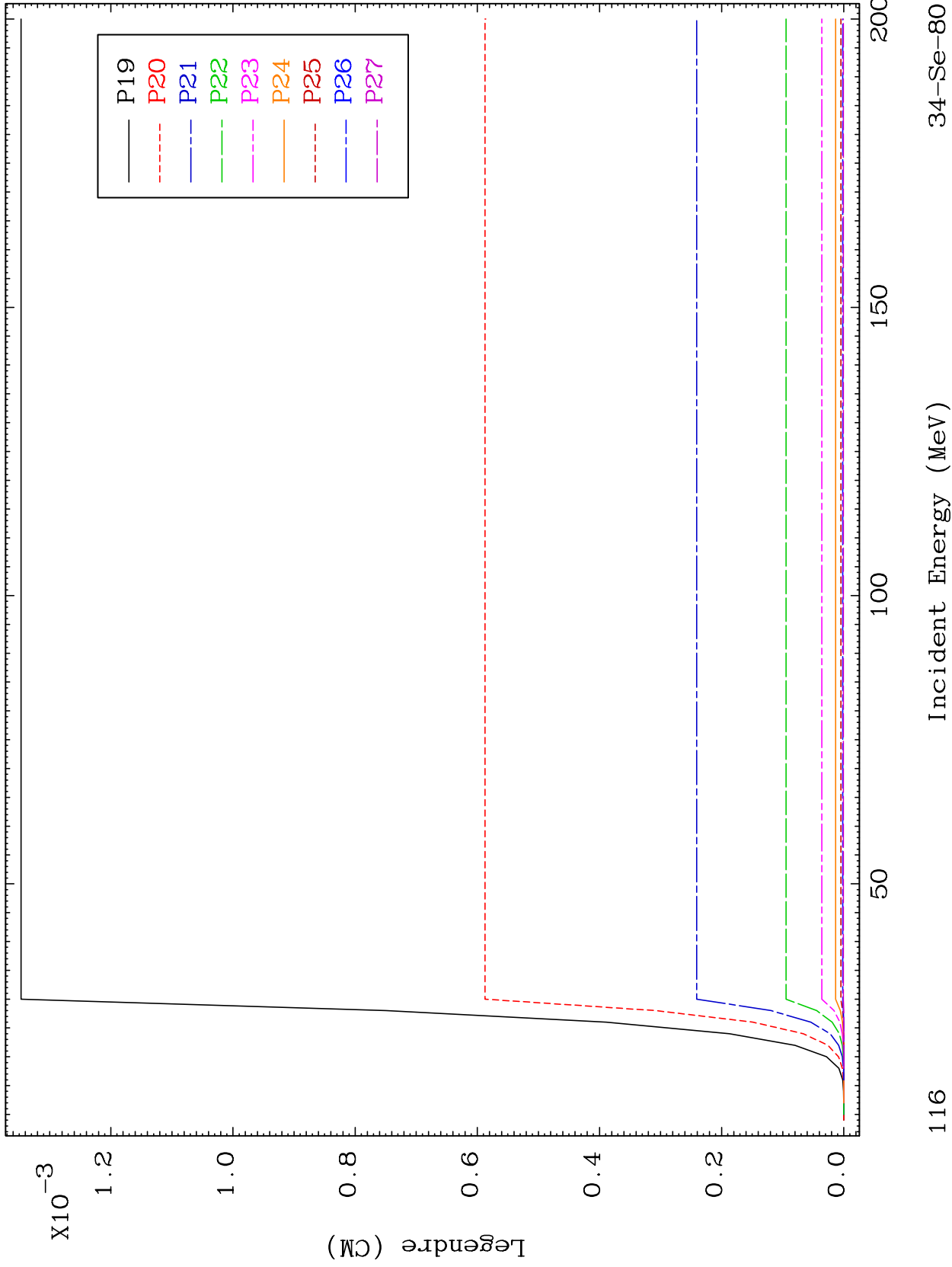
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

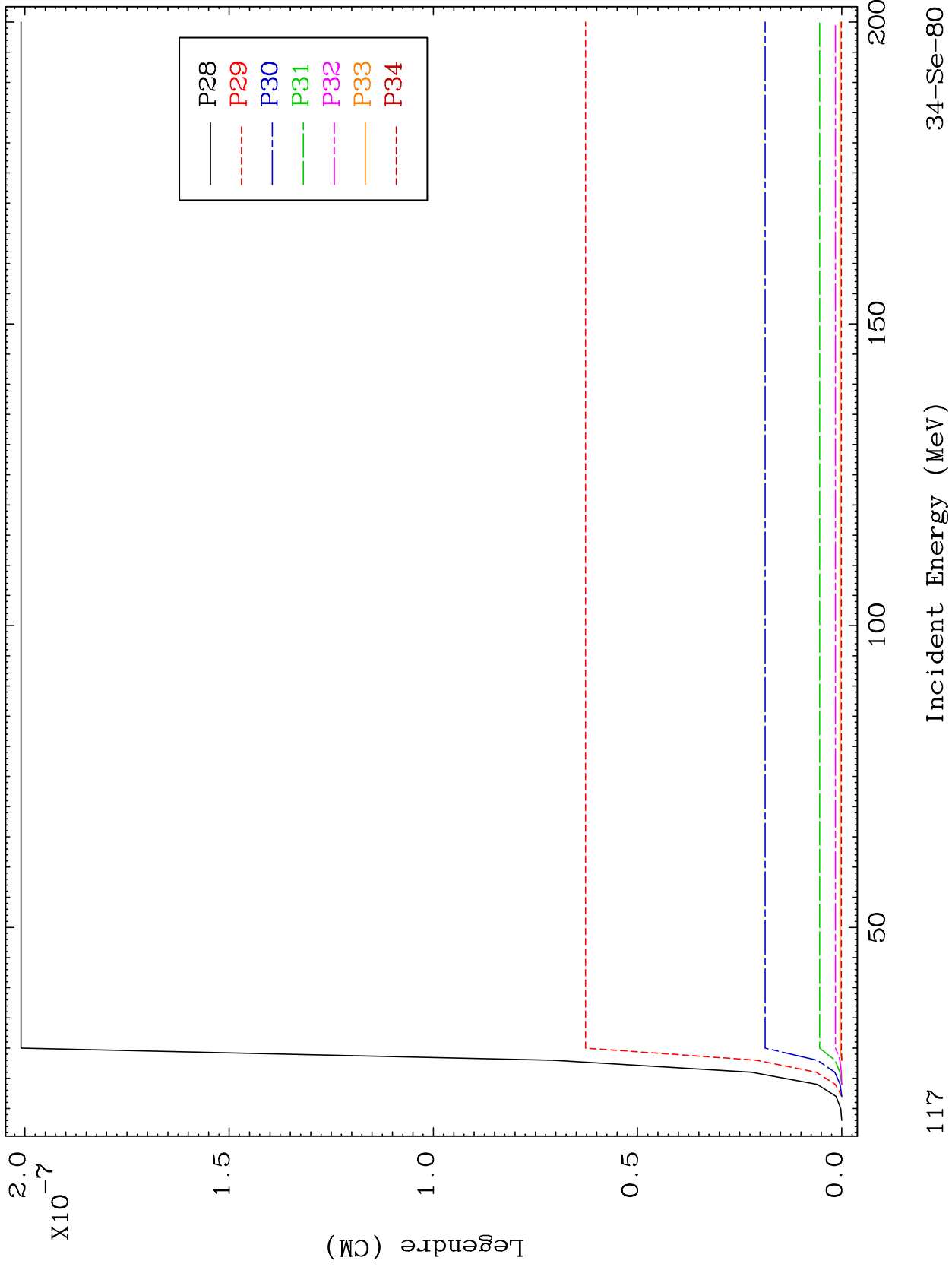
34-Se-80



MAT 3443

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

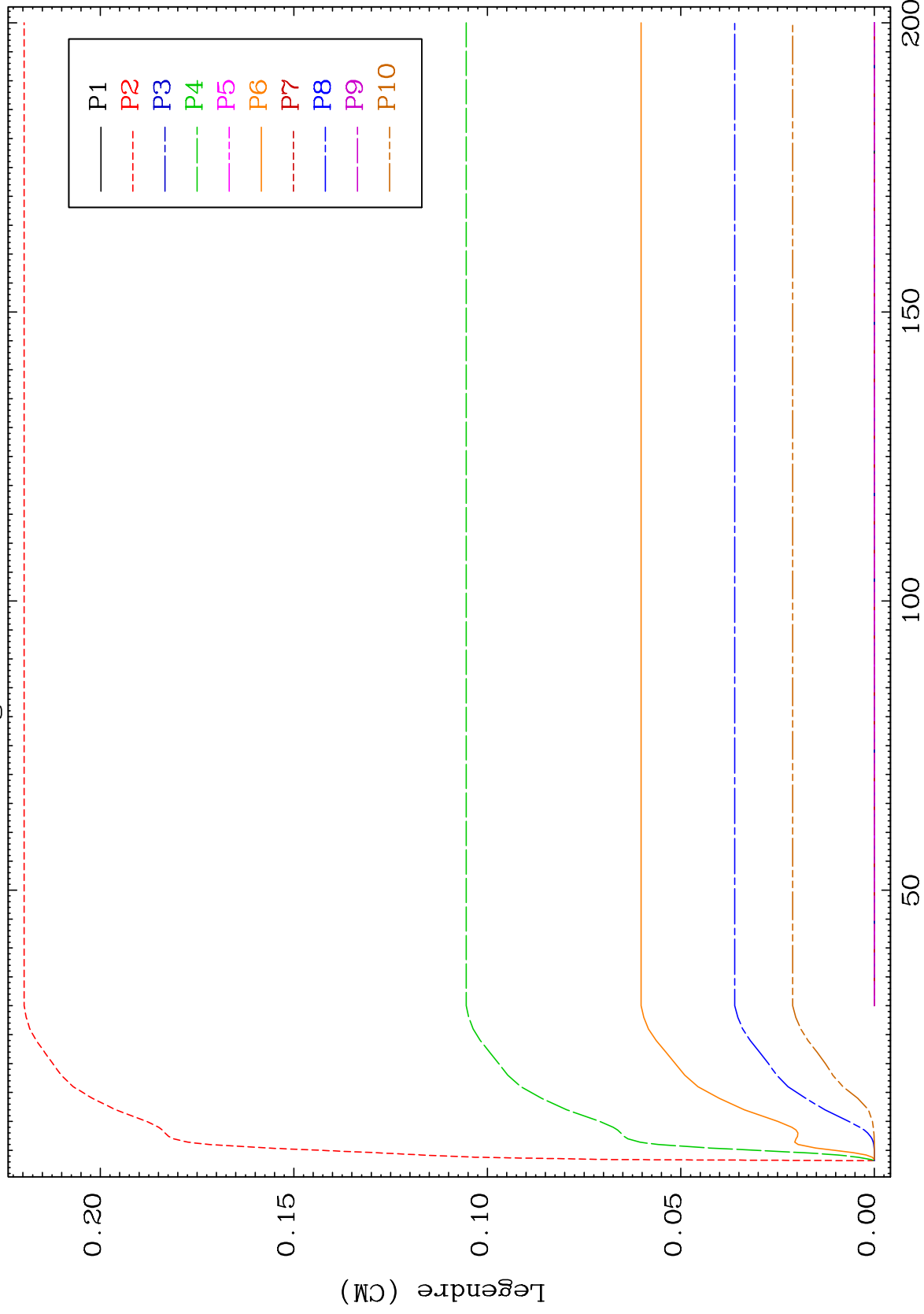
34-Se-80



MAT 3443

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

³⁴Se-80



³⁴Se-80

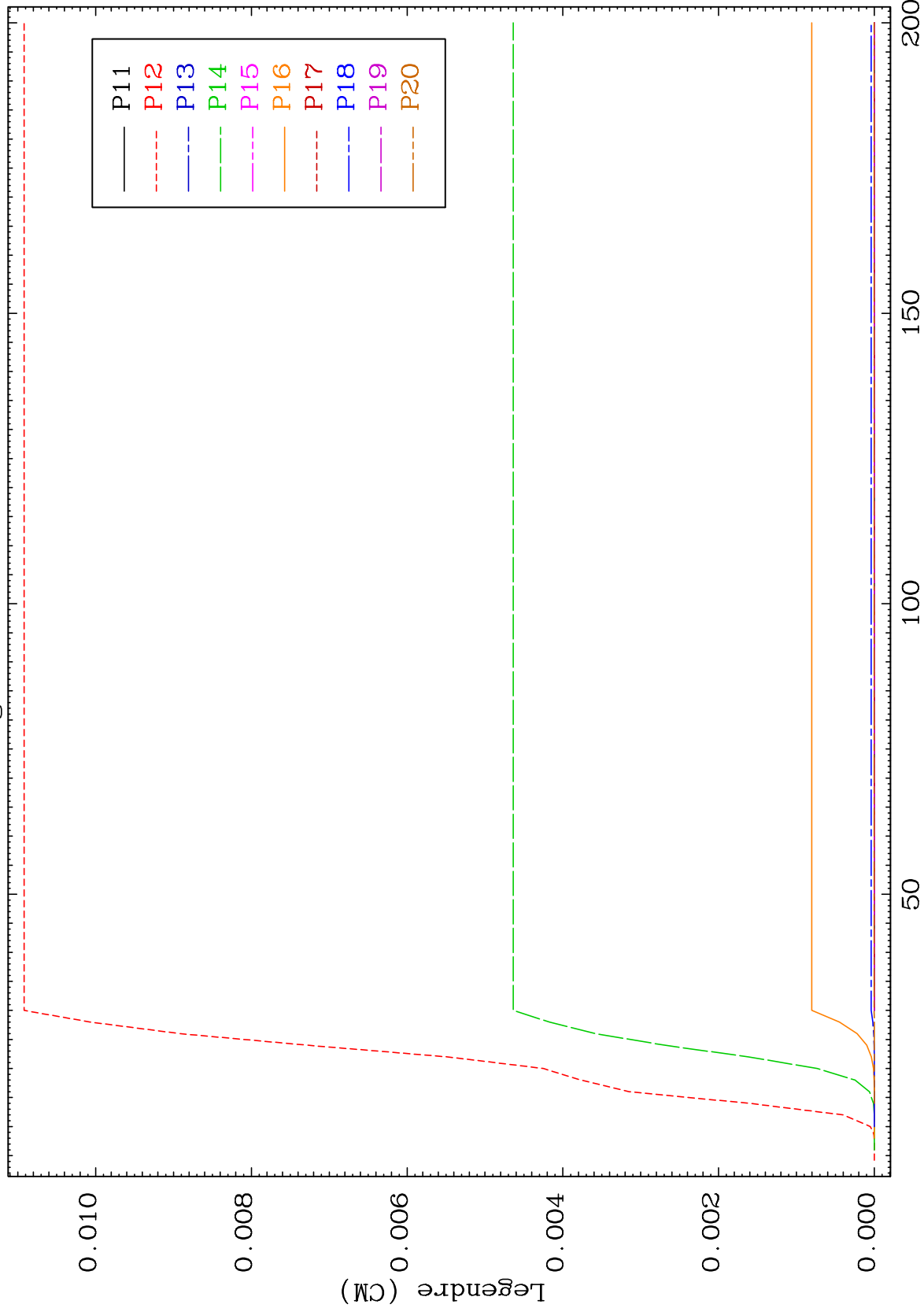
Incident Energy (MeV)

118

MAT 3443

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

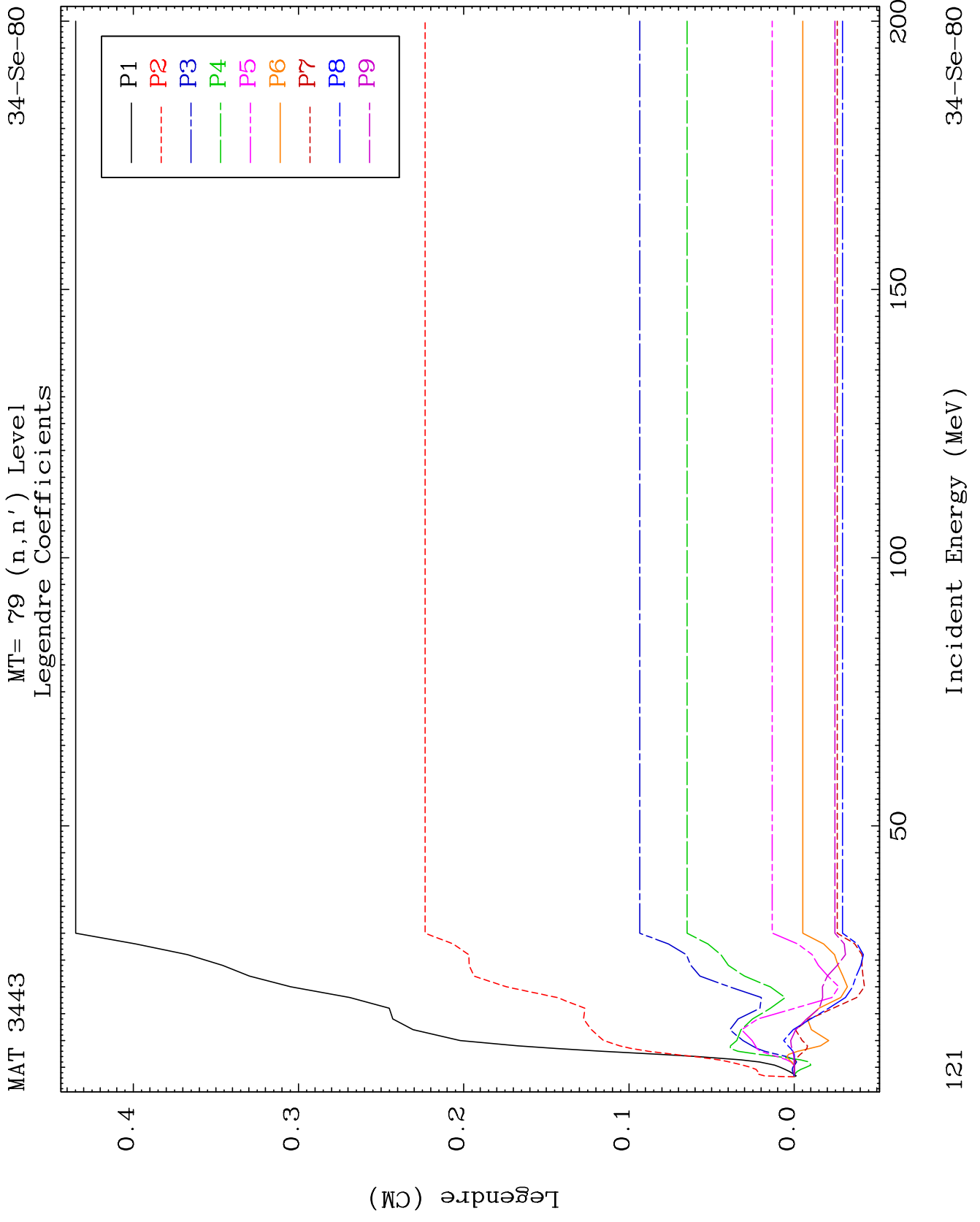
34-Se-80



119

Incident Energy (MeV)

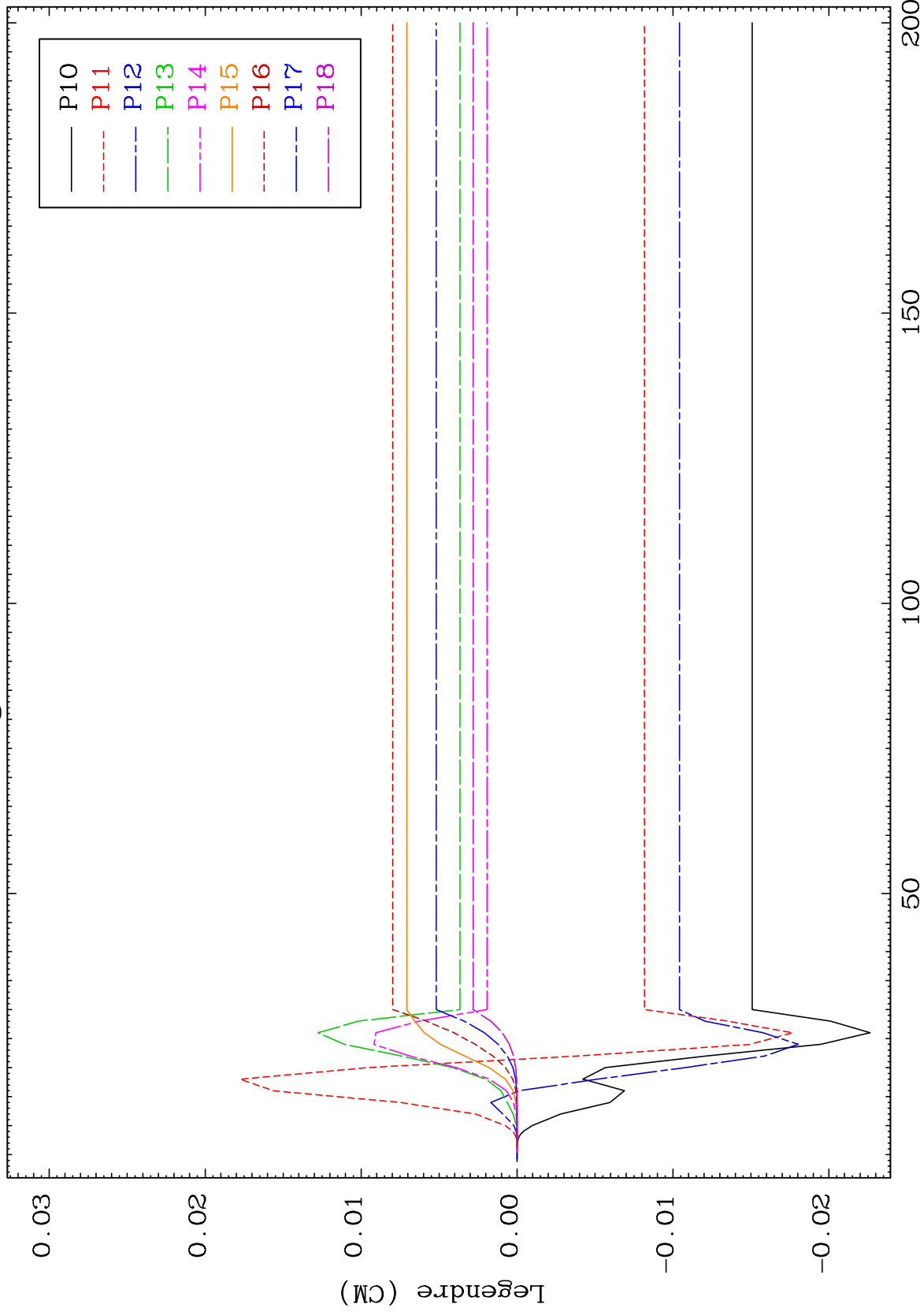
34-Se-80



MAT 3443

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

³⁴Se-80



122

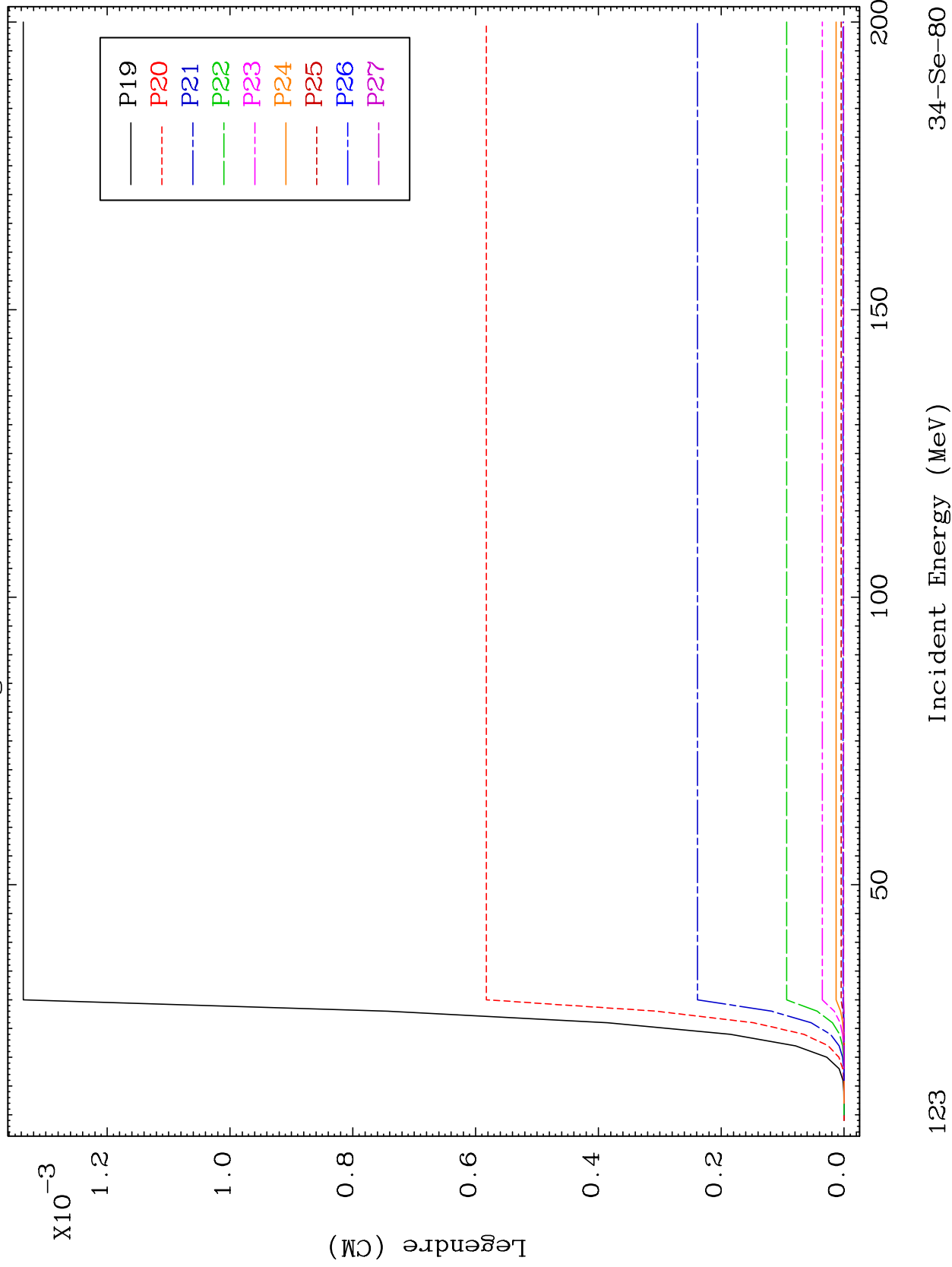
Incident Energy (MeV)

³⁴Se-80

MAT 3443

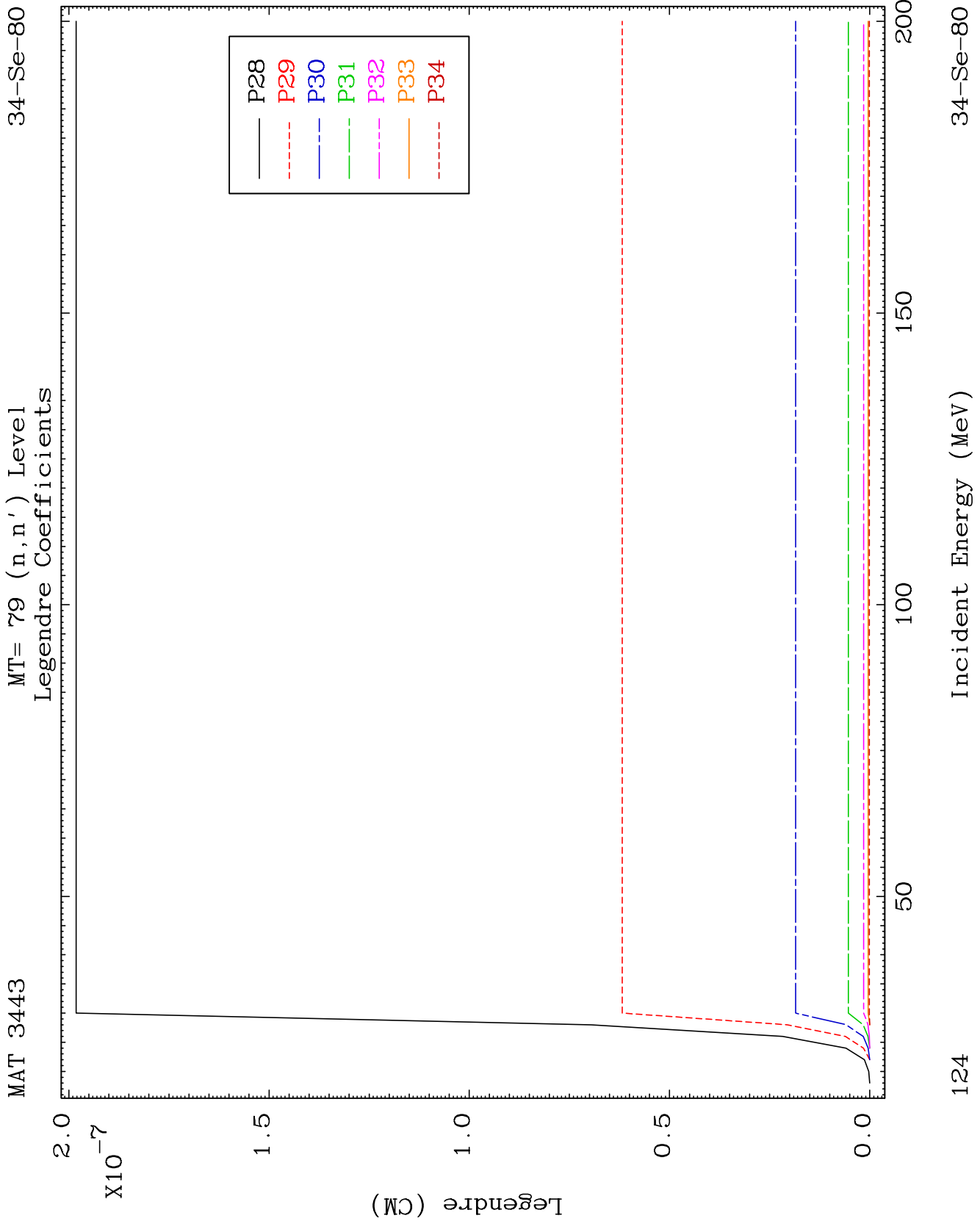
MT= 79 (n,n') Level
Legendre Coefficients

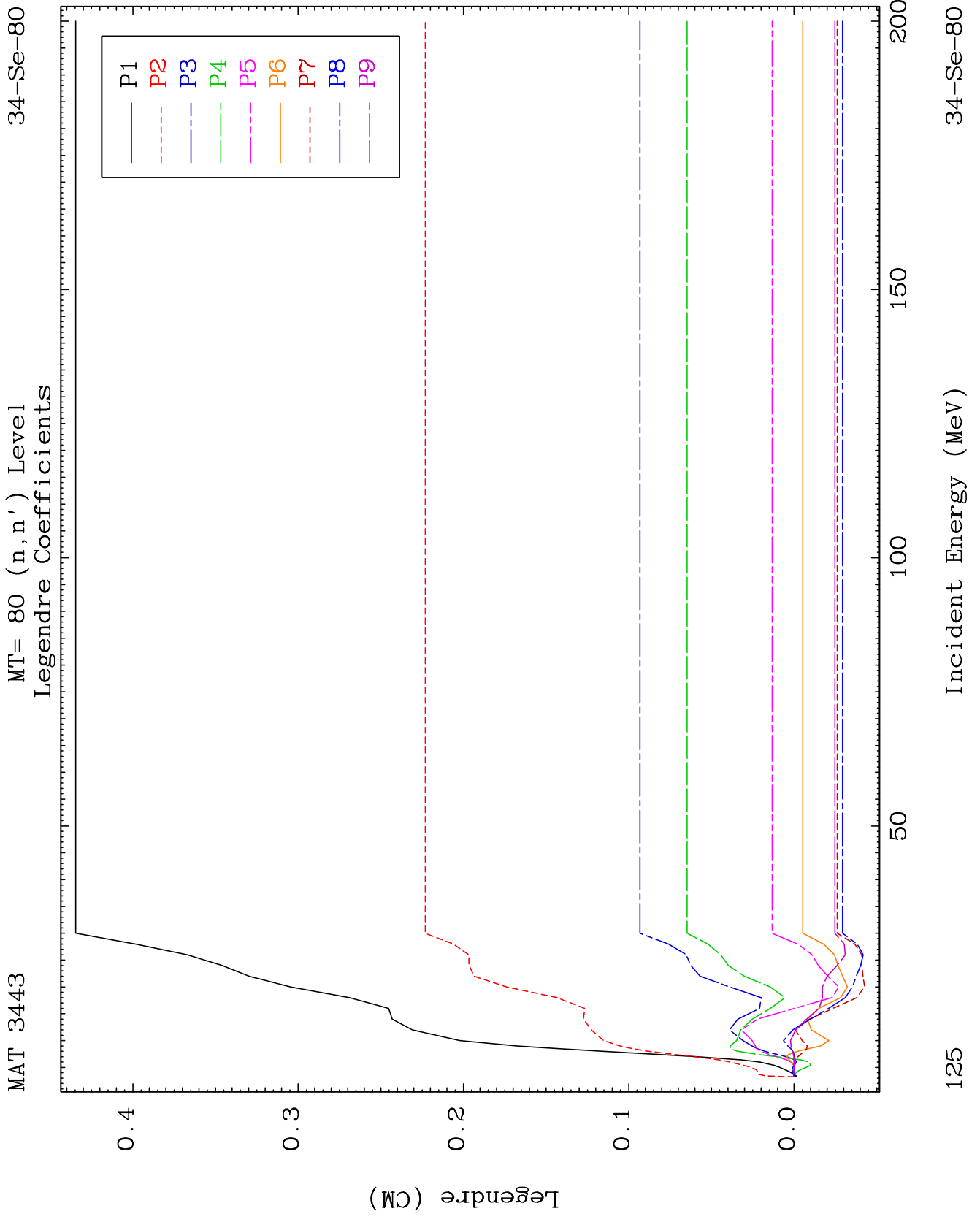
34-Se-80



123

34-Se-80

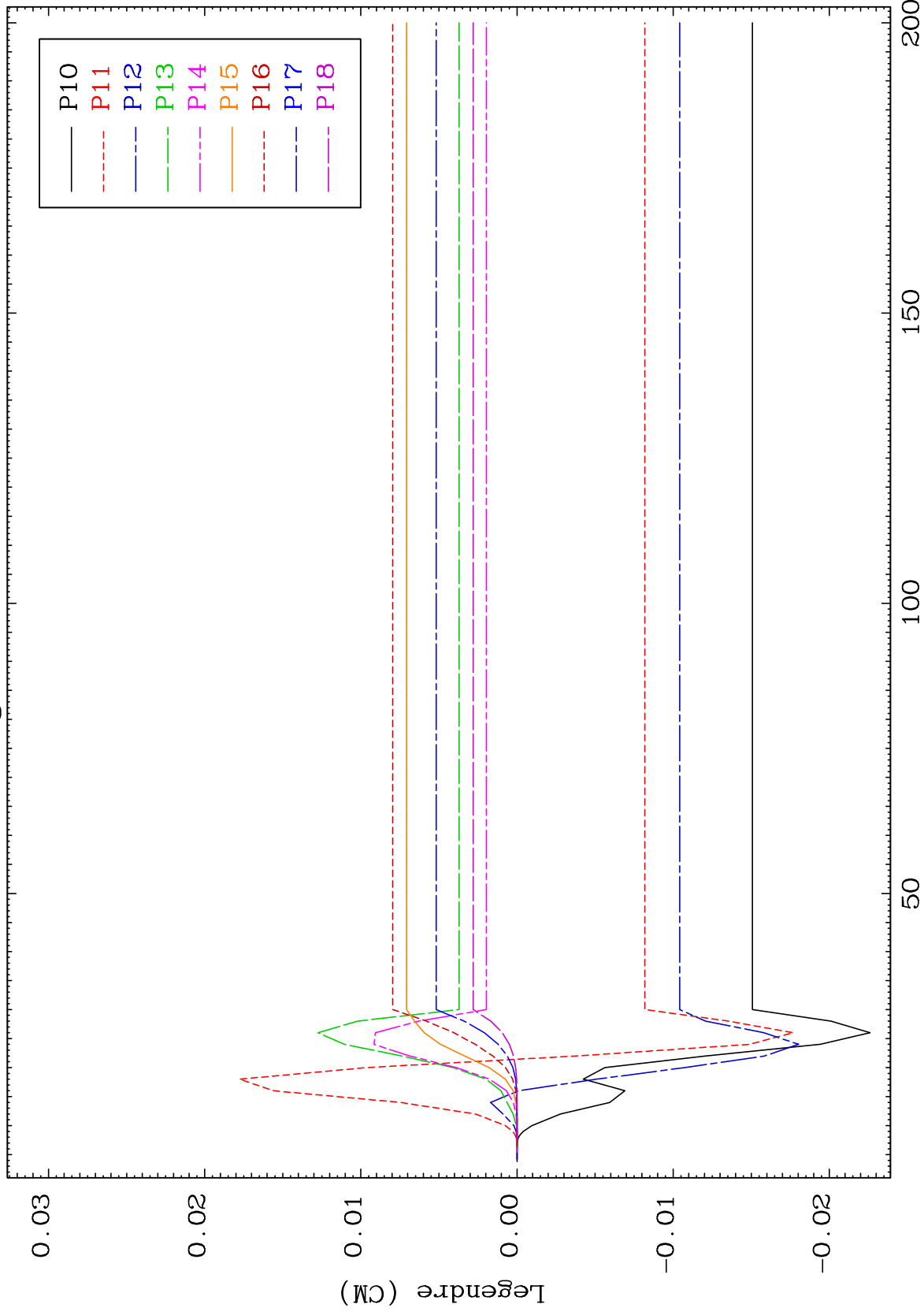




MAT 3443

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

³⁴Se-80



126

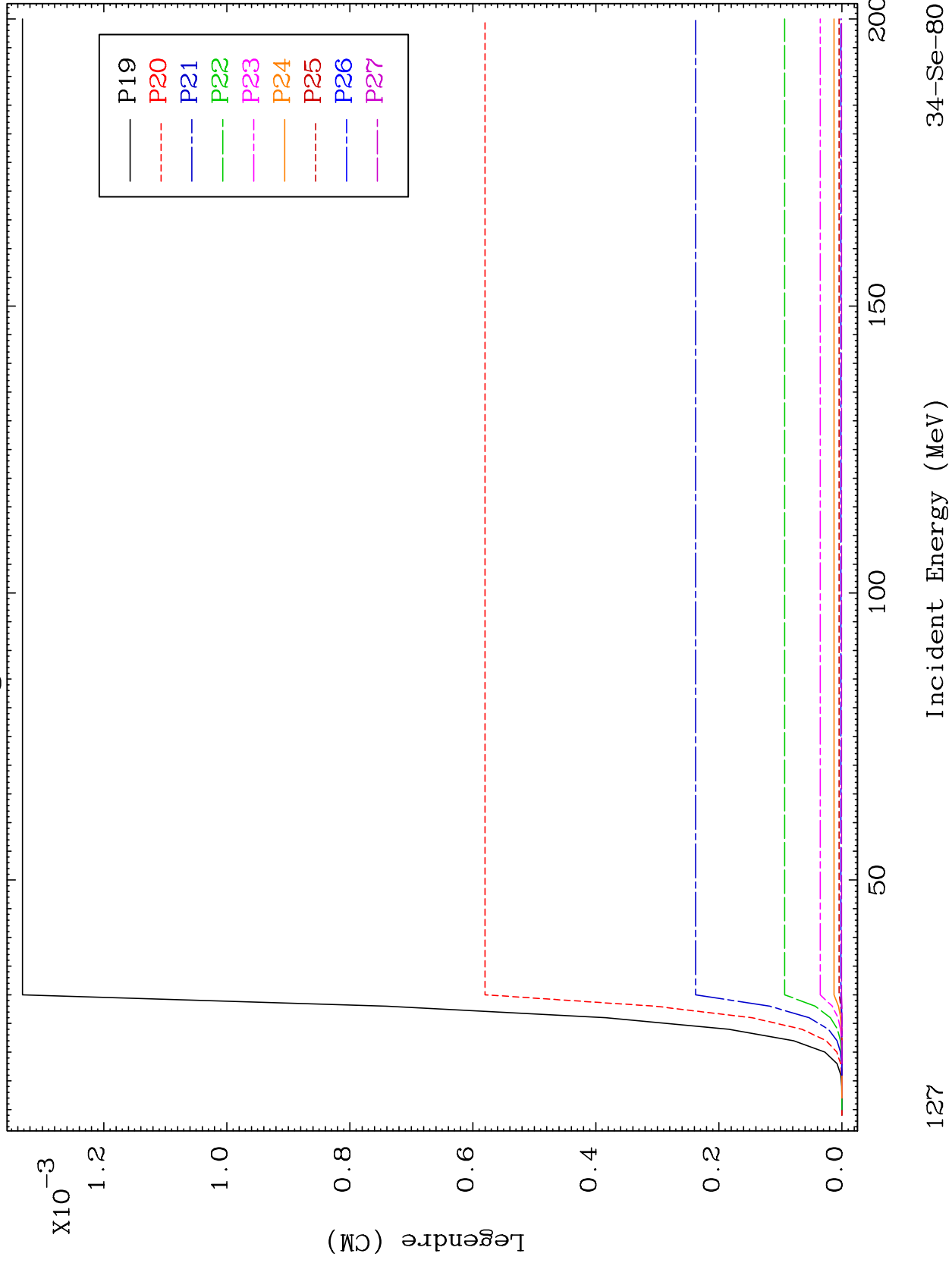
Incident Energy (MeV)

³⁴Se-80

MAT 3443

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

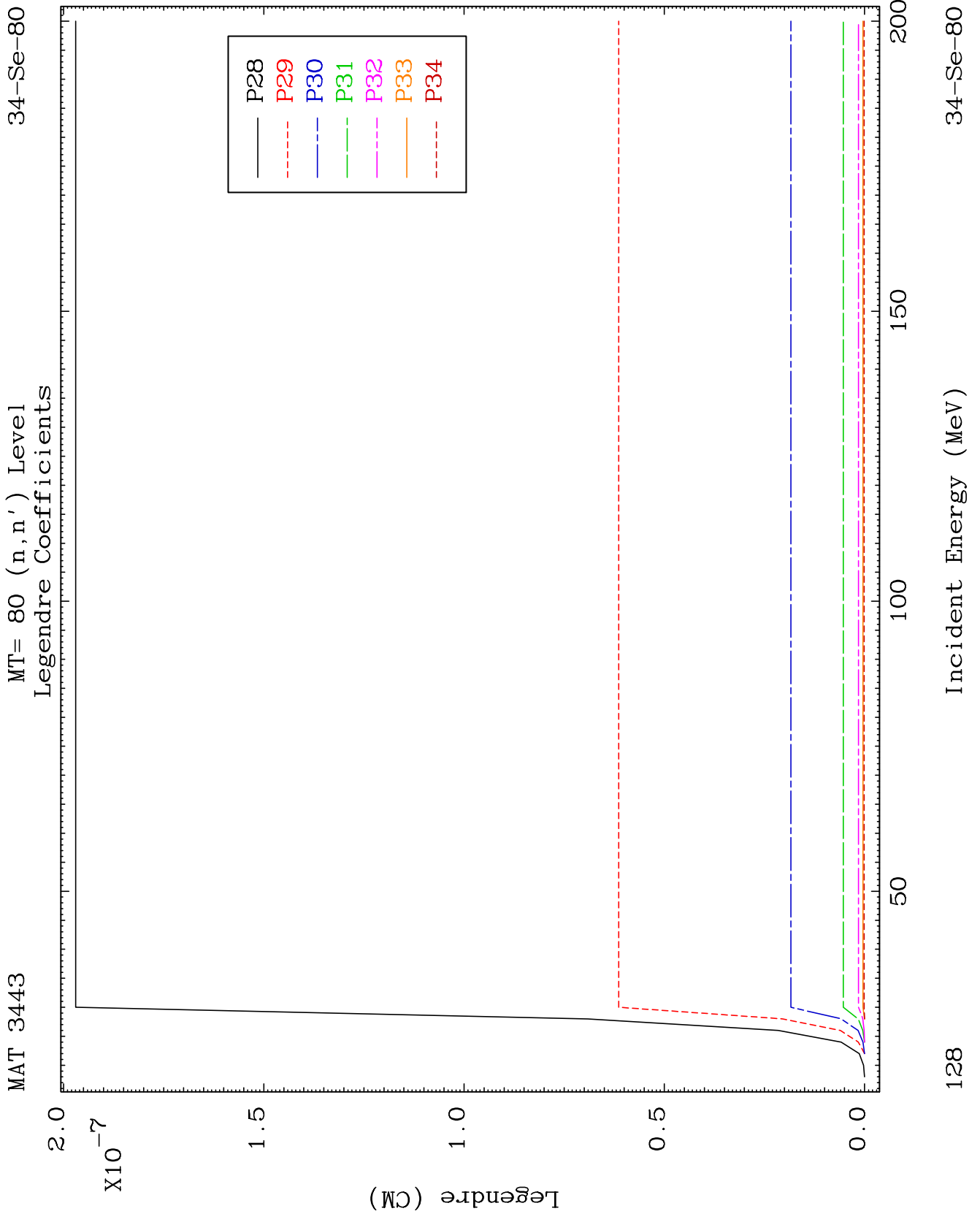
34-Se-80



127

Incident Energy (MeV)

34-Se-80

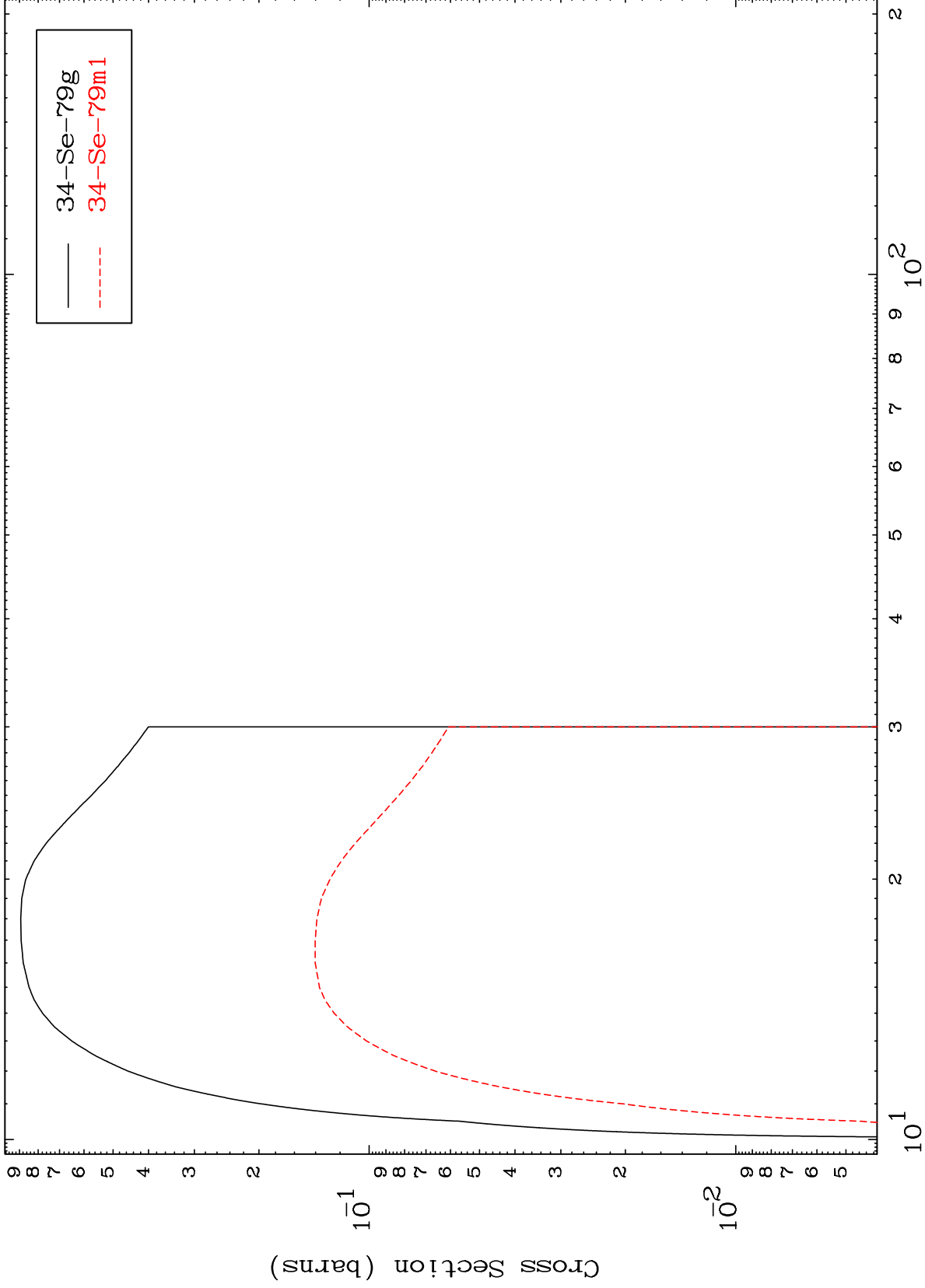


MAT 3443

³⁴Se-80

(n,2n)

Radionuclide Production Cross Section



³⁴Se-80

Incident Energy (MeV)

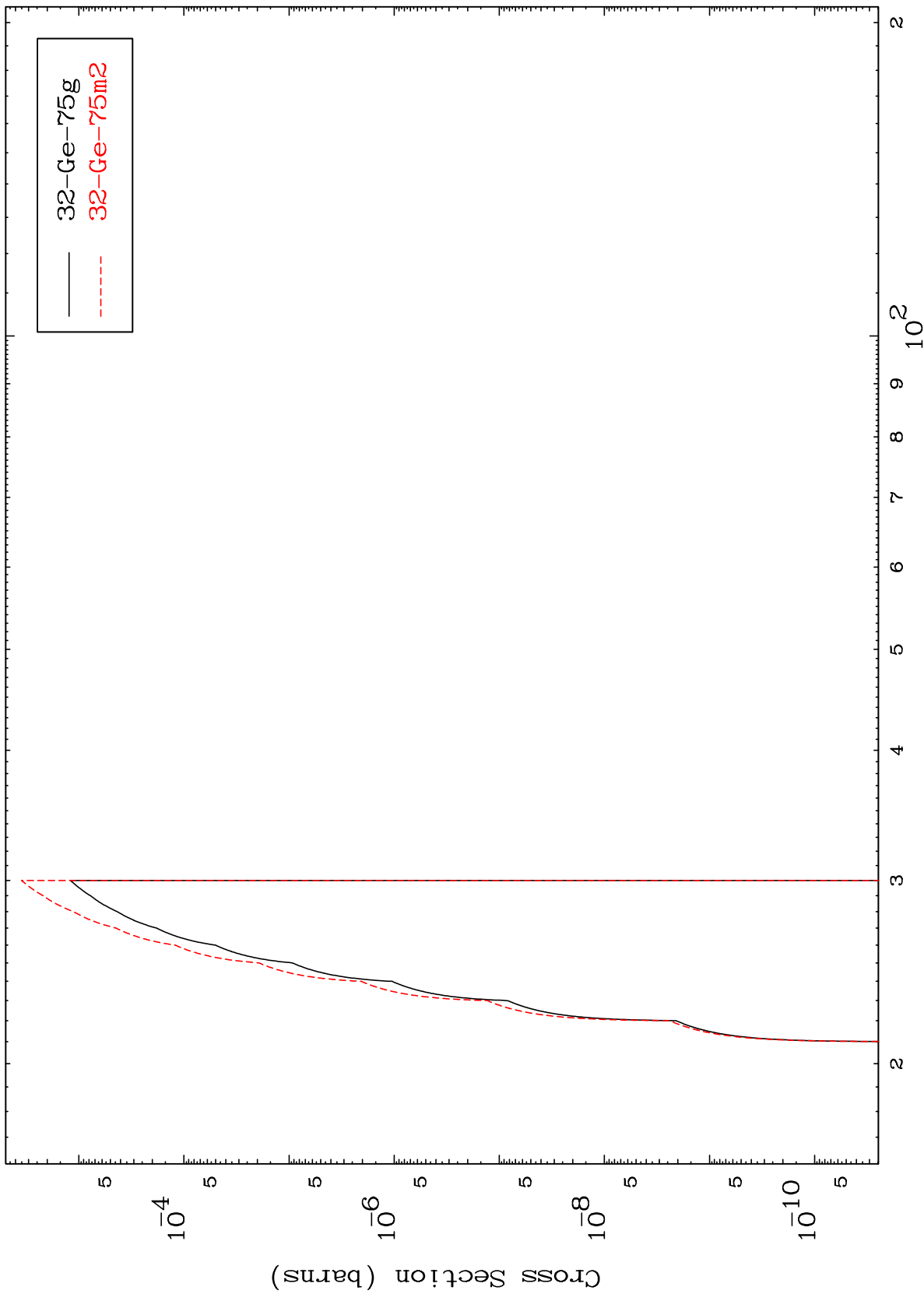
129

MAT 3443

$(n,2n) \alpha$

$^{34}\text{Se-80}$

Radionuclide Production Cross Section



130

Incident Energy (MeV)

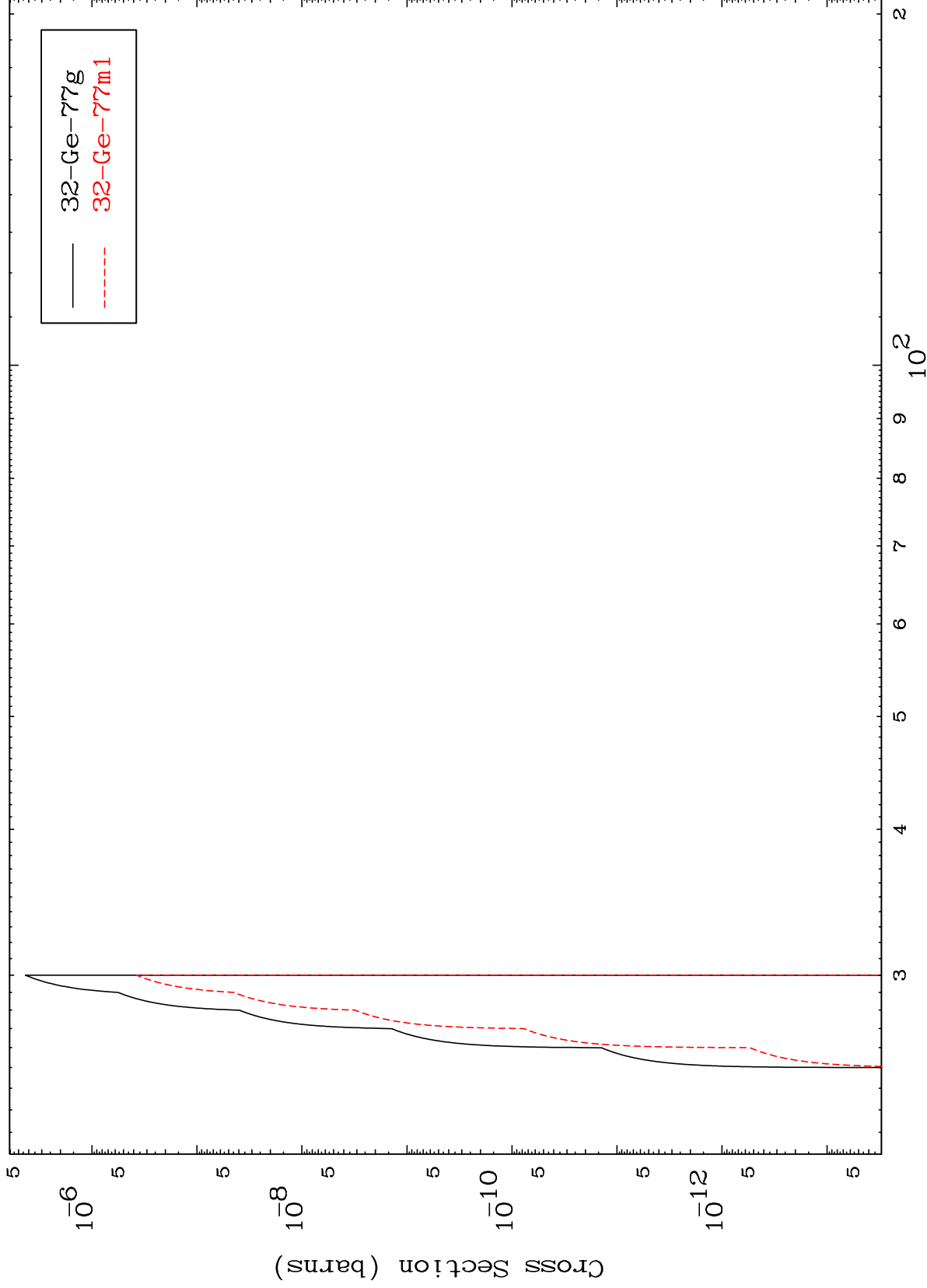
$^{34}\text{Se-80}$

MAT 3443

(n,n') He-3

34-Se-80

Radionuclide Production Cross Section



131

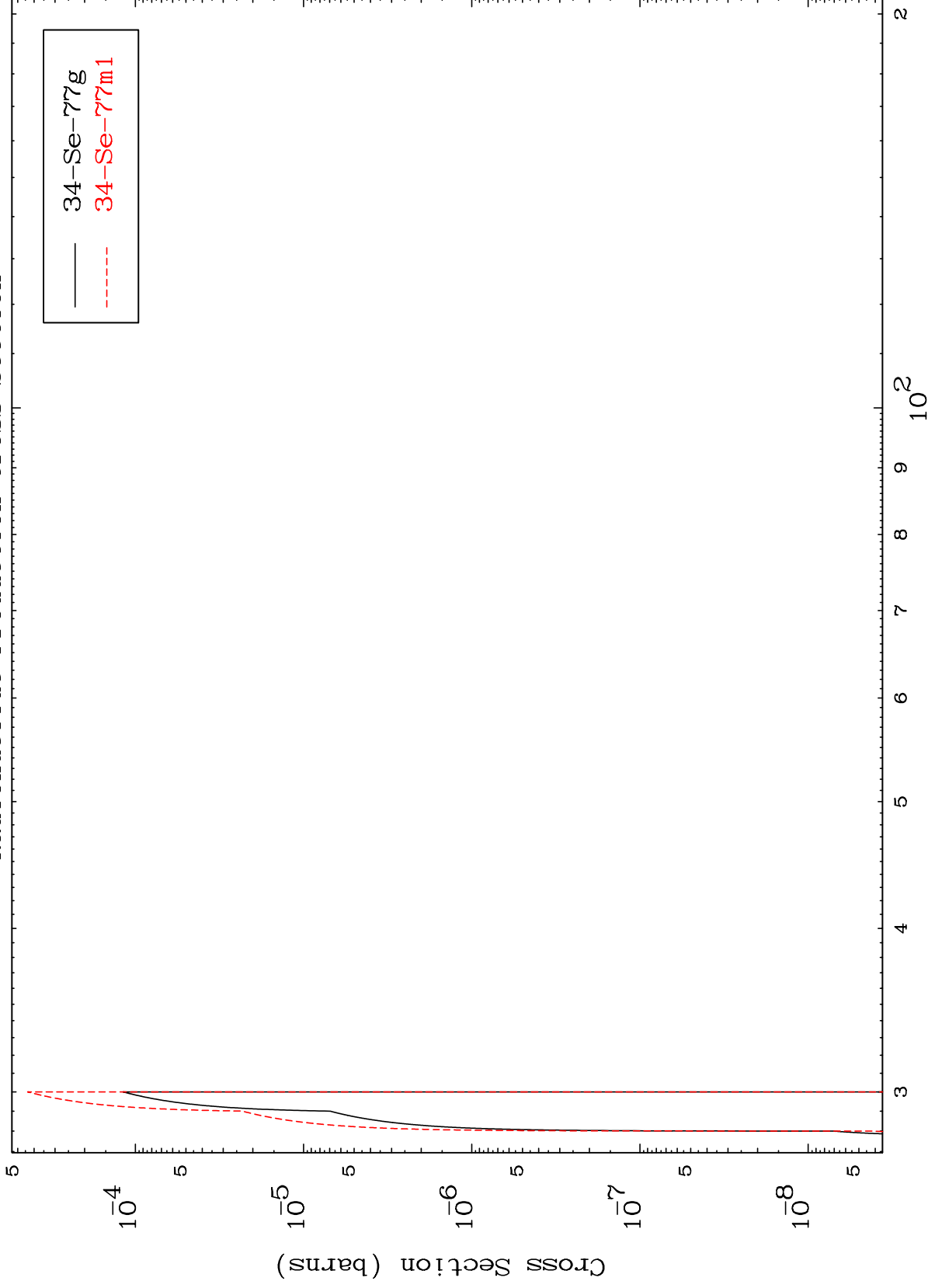
Incident Energy (MeV)

34-Se-80

MAT 3443

³⁴Se-80

(n,4n)
Radionuclide Production Cross Section



132

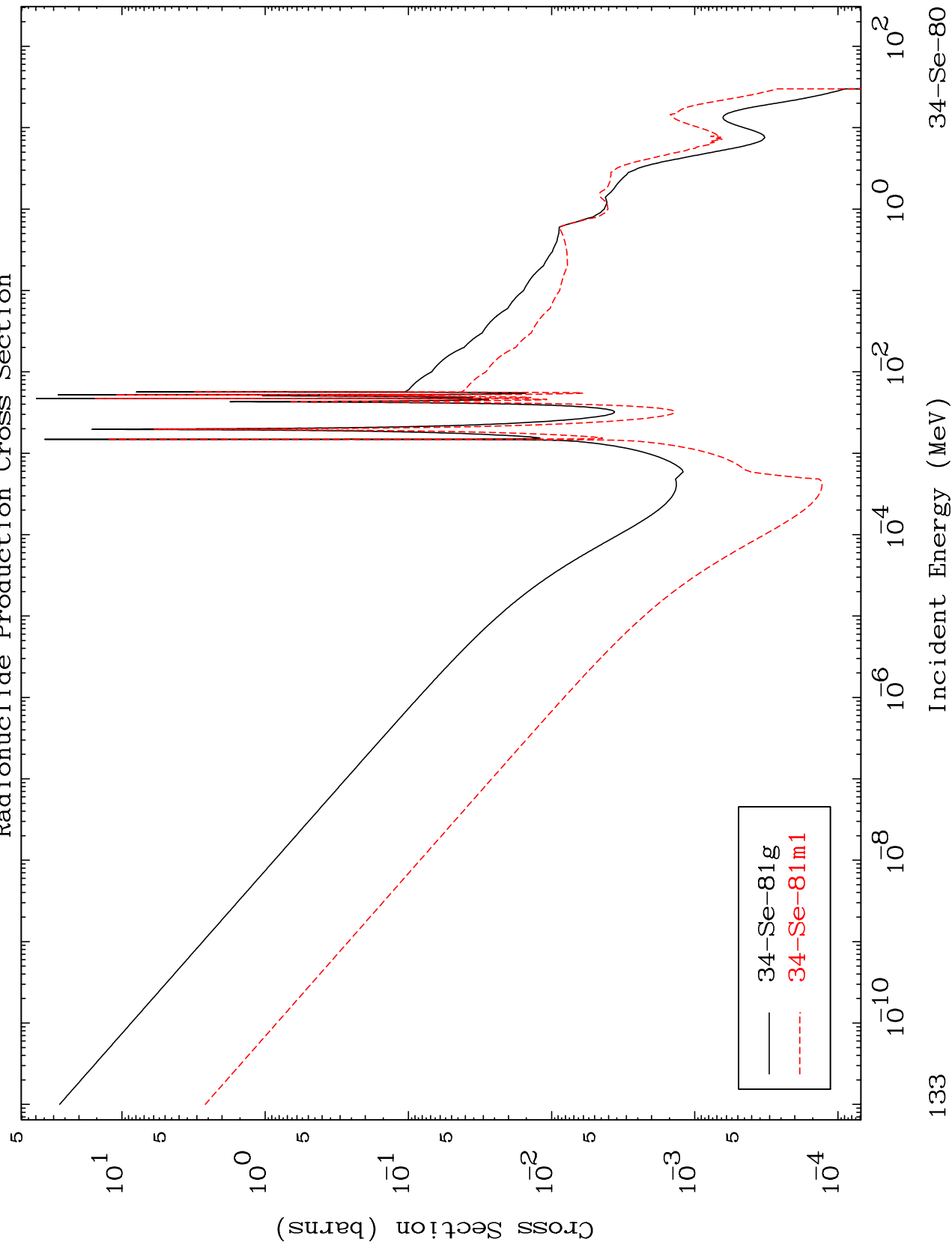
³⁴Se-80

Incident Energy (MeV)

MAT 3443

³⁴Se-80

Radionuclide Production Cross Section



133

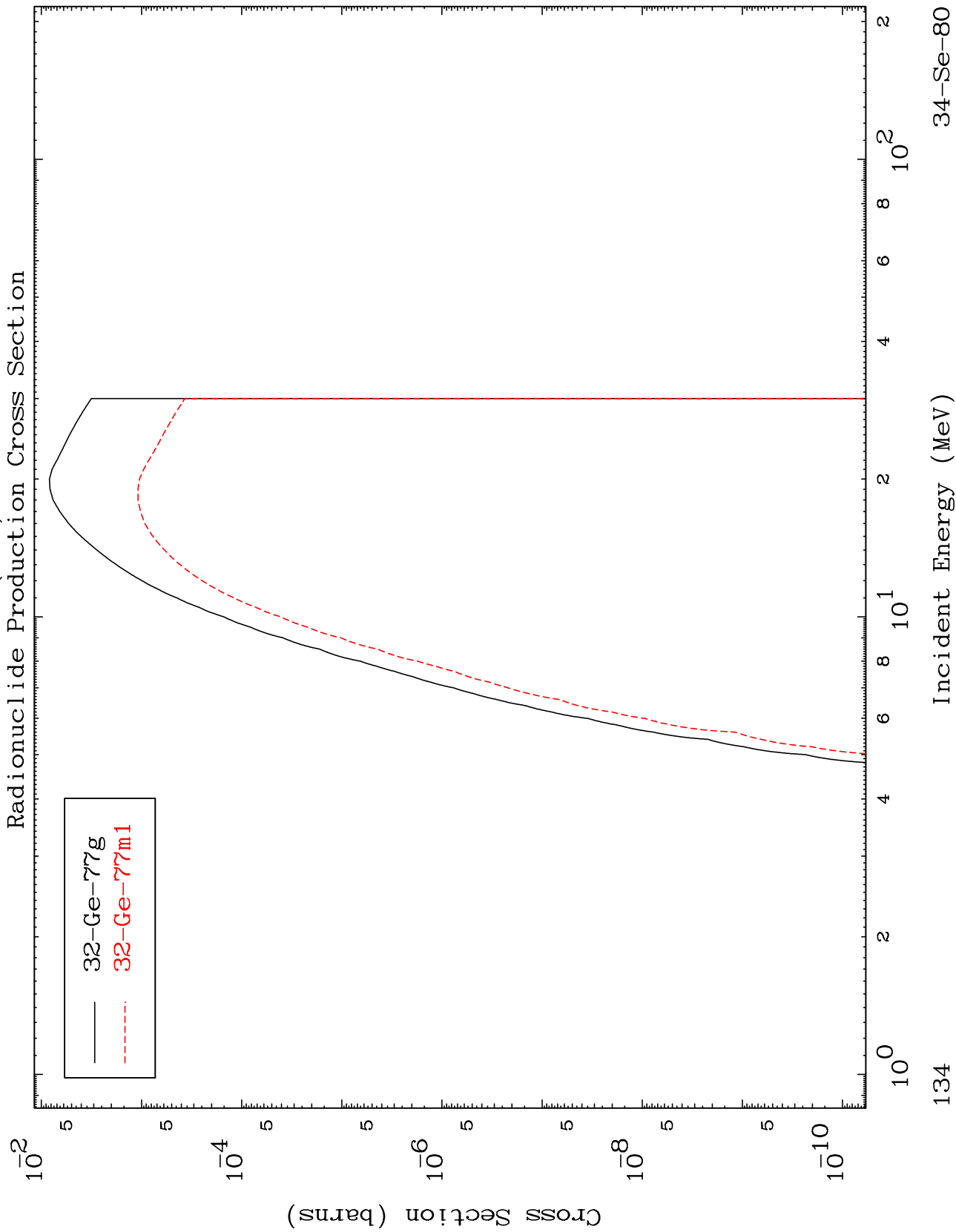
³⁴Se-80

MAT 3443

34-^{Se}-80

Radionuclide Production Cross Section

(n, α)



Incident Energy (MeV)

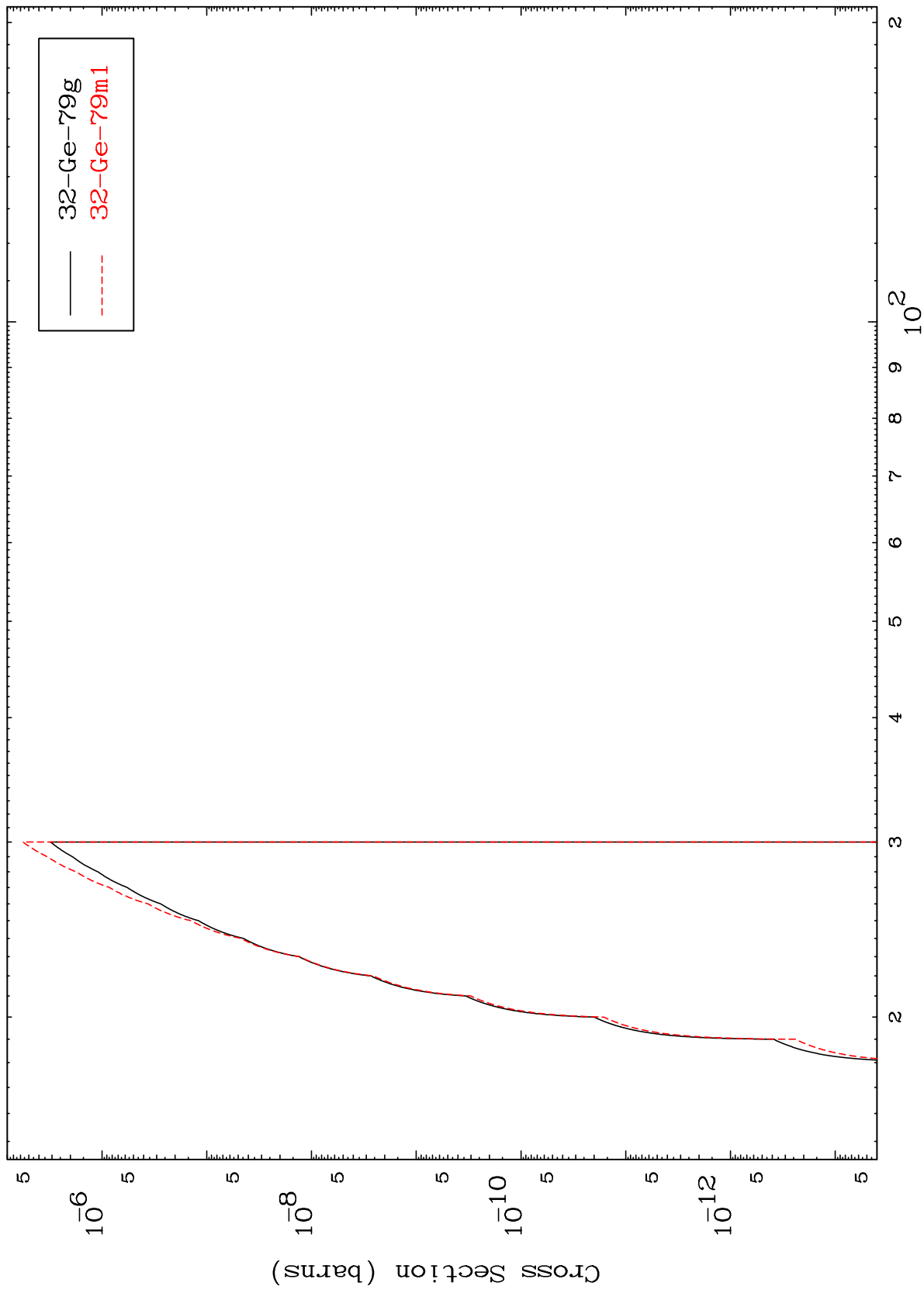
34-^{Se}-80

134

MAT 3443

³⁴Se-80

(n,2p)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

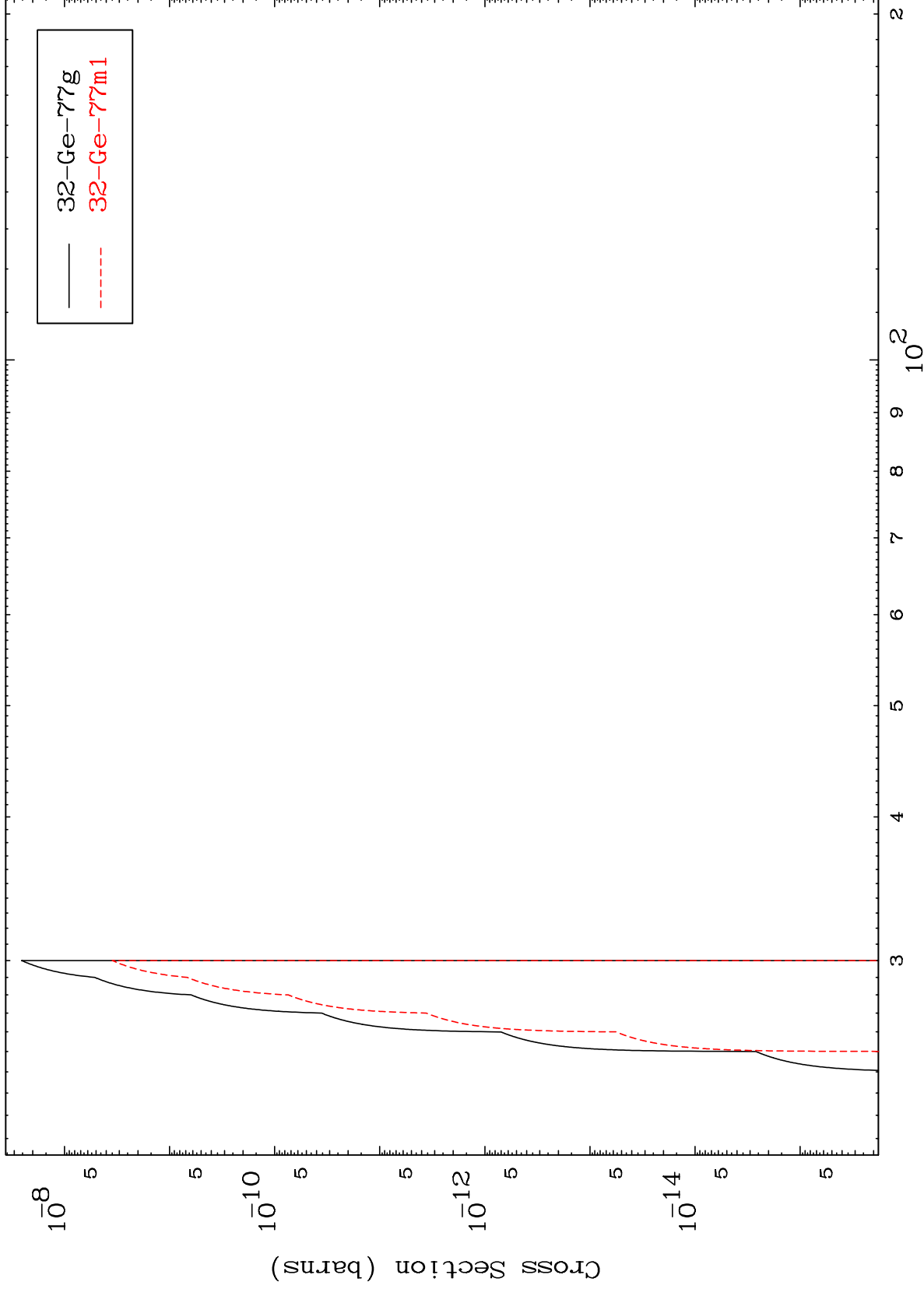
³⁴Se-80

MAT 3443

(n,p) t

34-^{Se-80}

Radionuclide Production Cross Section



136

Incident Energy (MeV)

34-^{Se-80}