

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

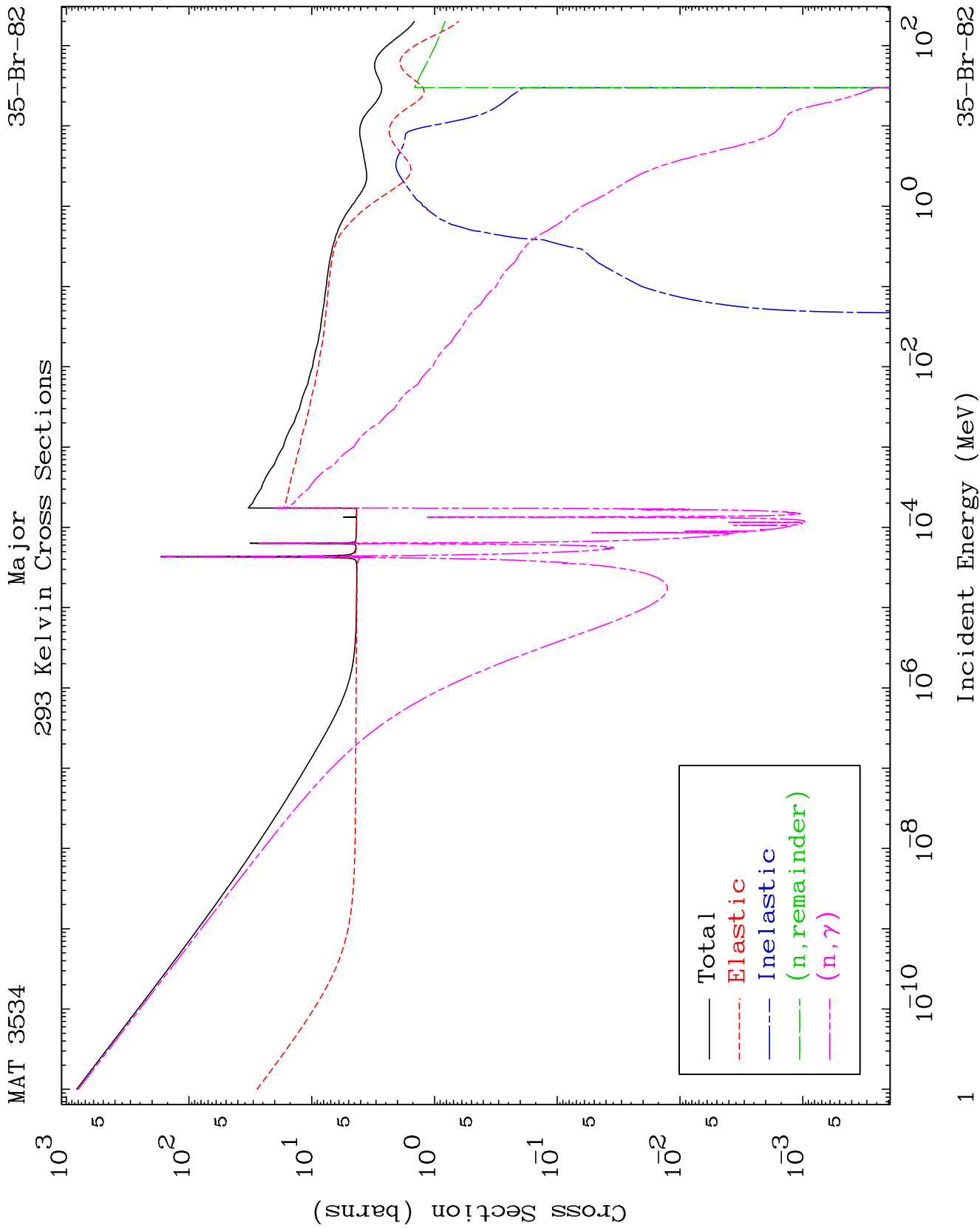
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

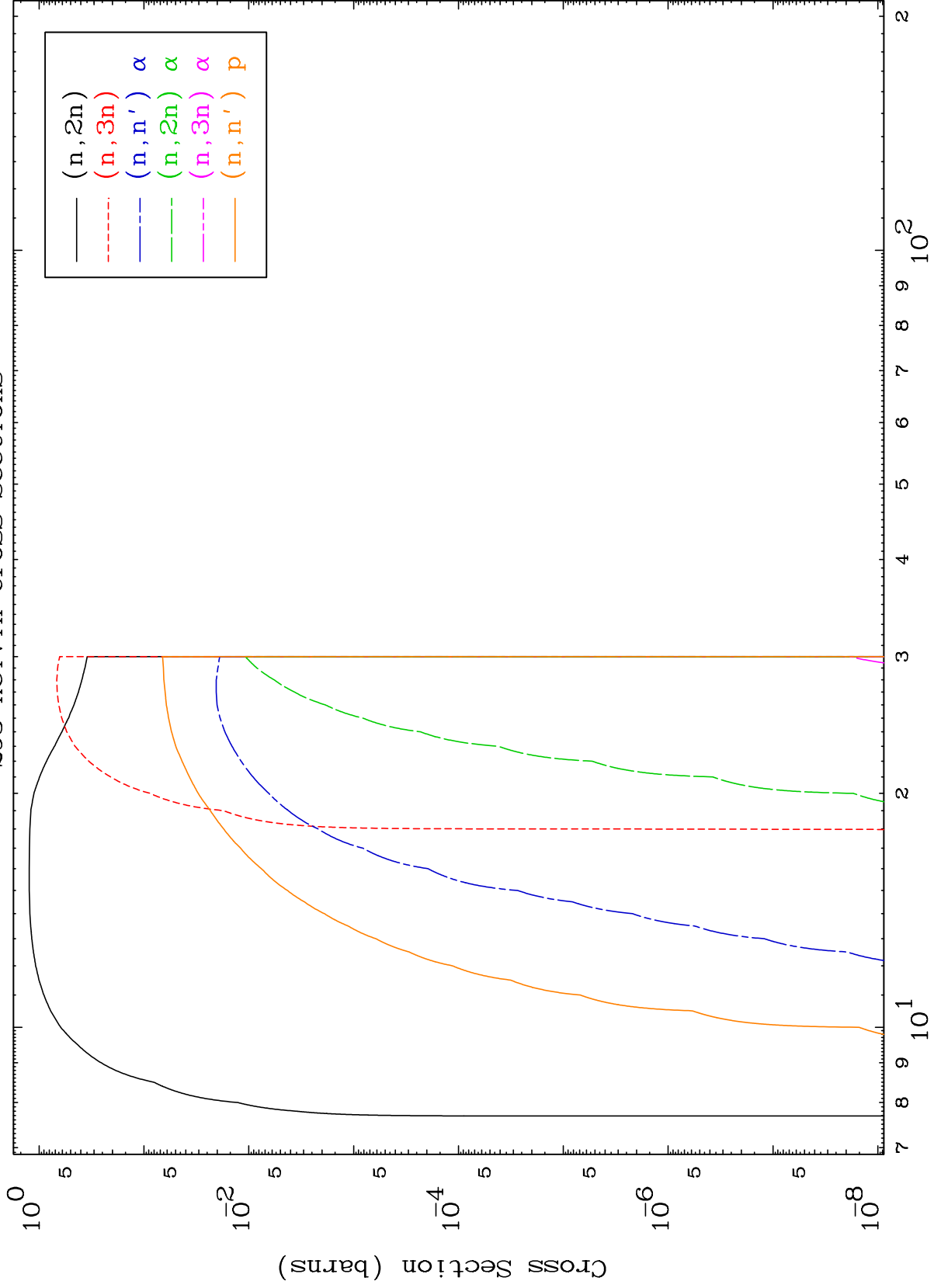
Press Mouse Button to Start



MAT 3534

Neutron Production
293 Kelvin Cross Sections

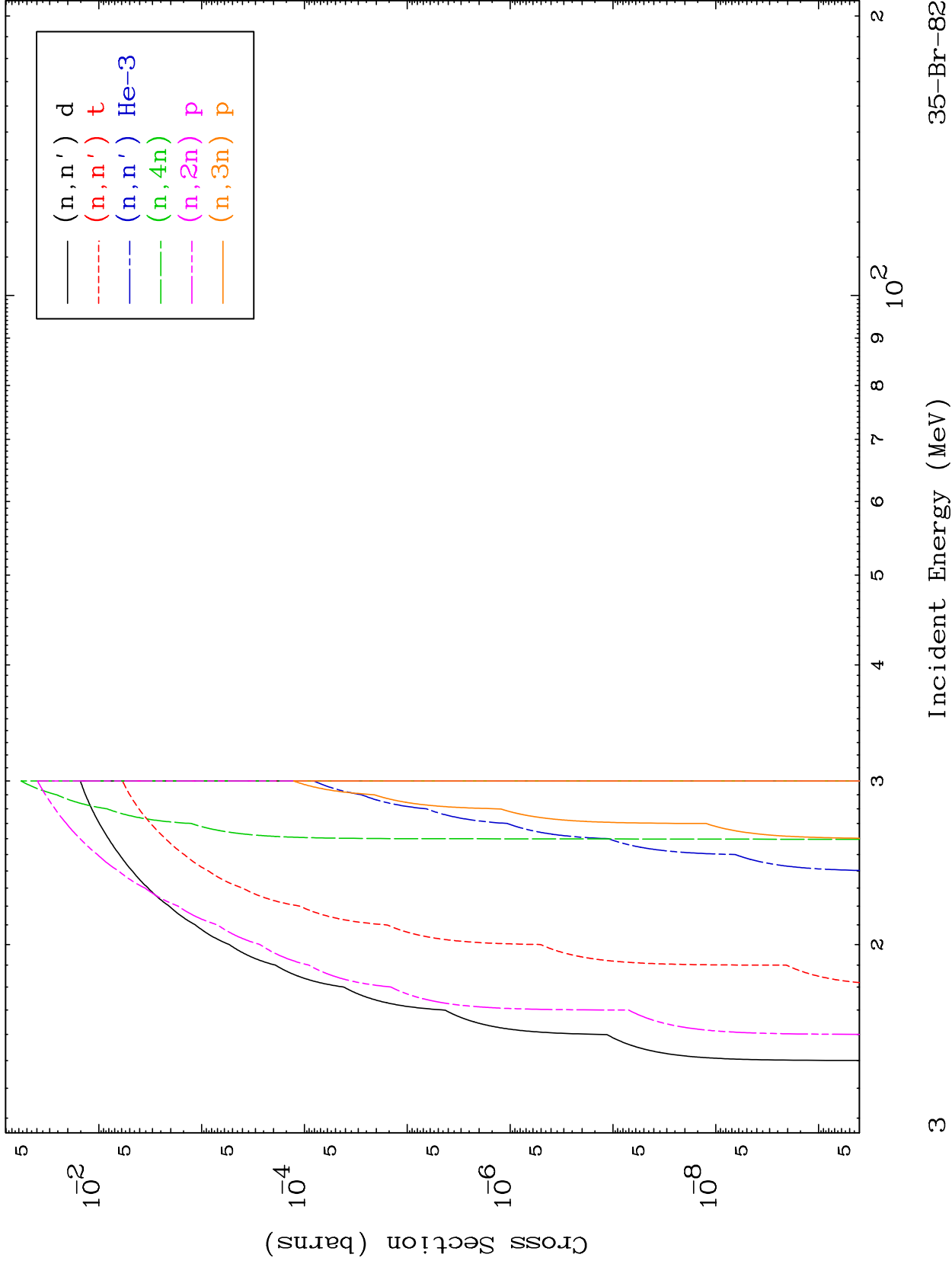
35-Br-82



2

Incident Energy (MeV)

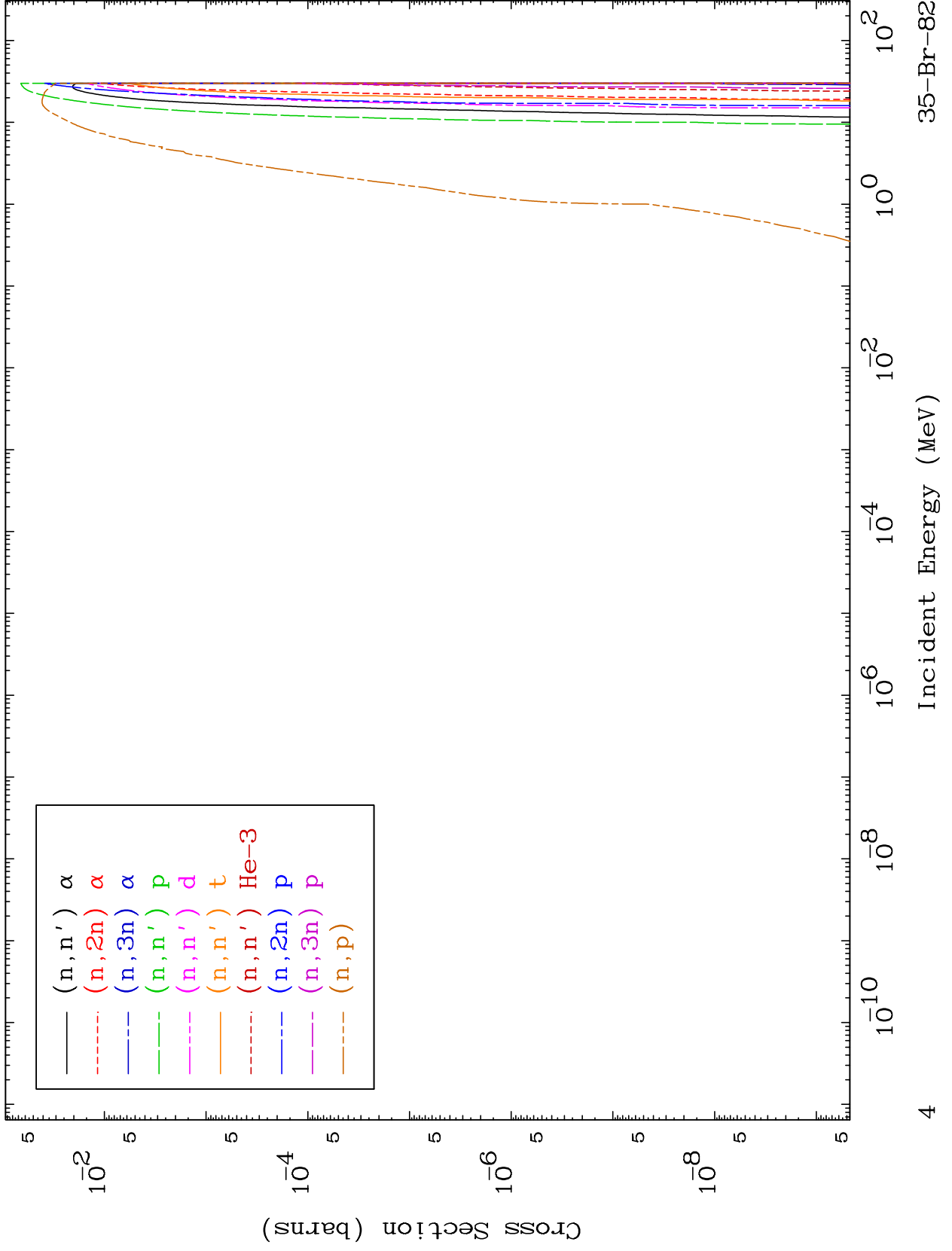
35-Br-82



MAT 3534

Charged Particle
293 Kelvin Cross Sections

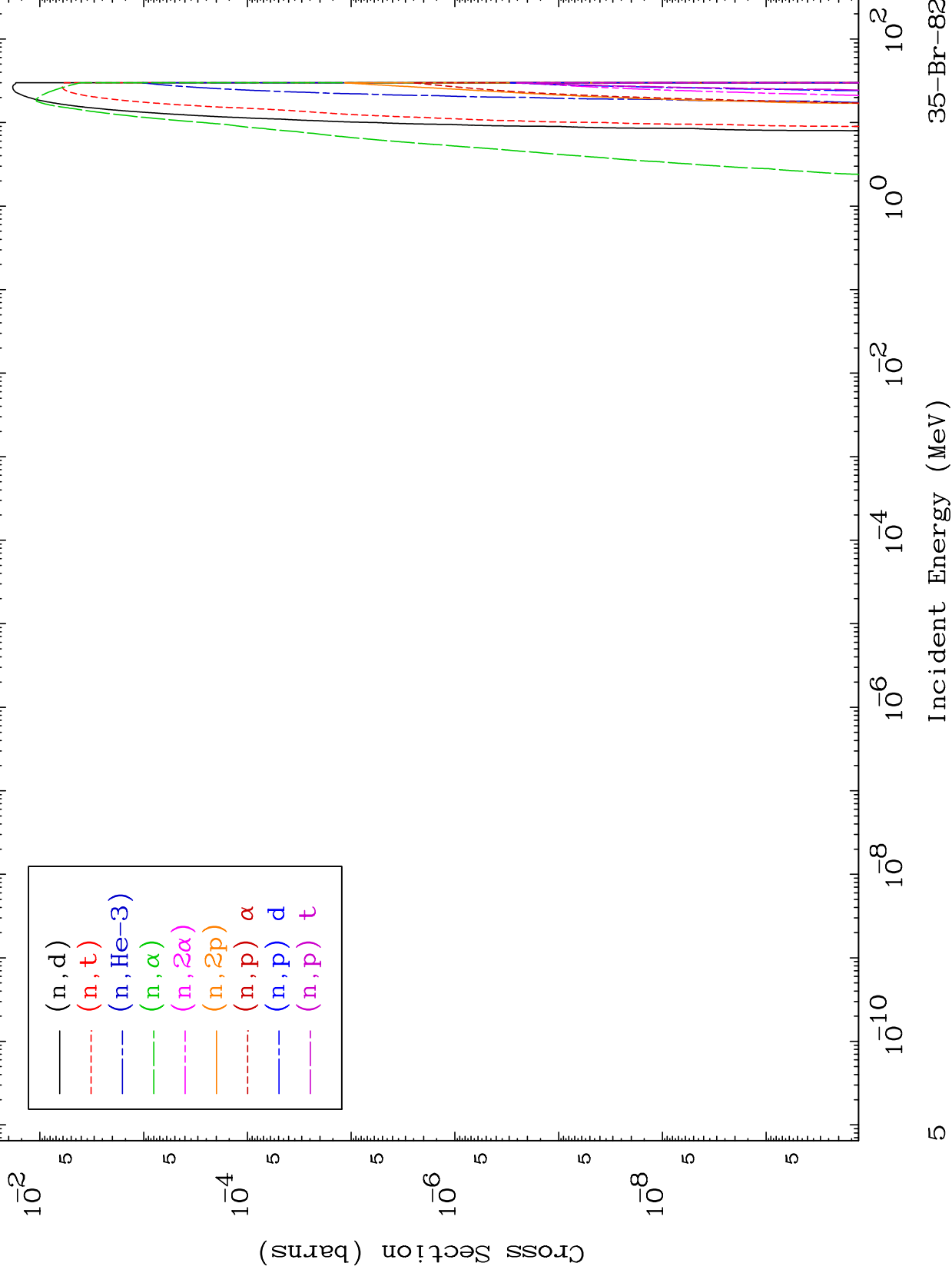
35-Br-82



MAT 3534

Charged Particle
293 Kelvin Cross Sections

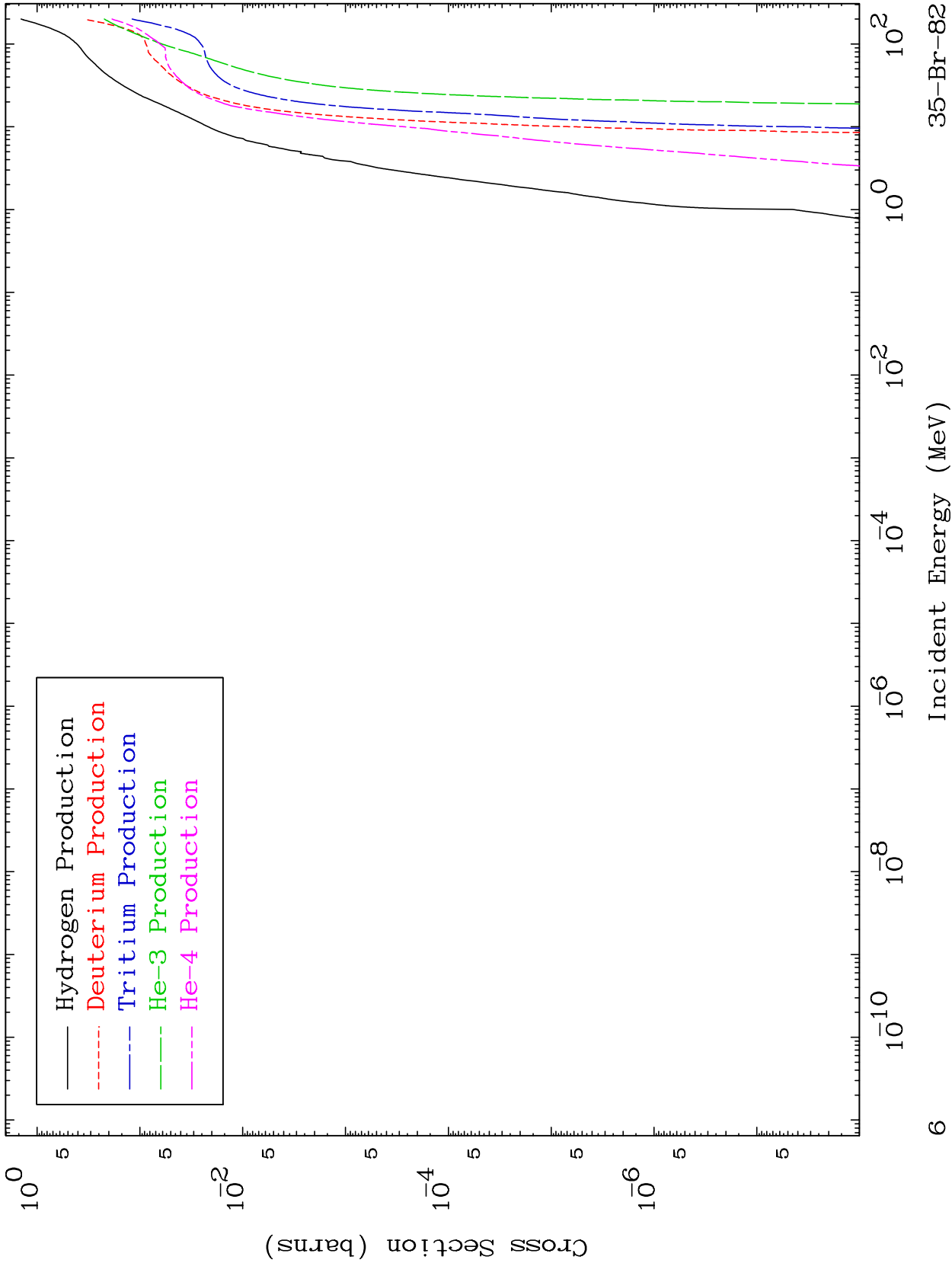
35-Br-82



MAT 3534

Particle Production
293 Kelvin Cross Sections

35-Br-82

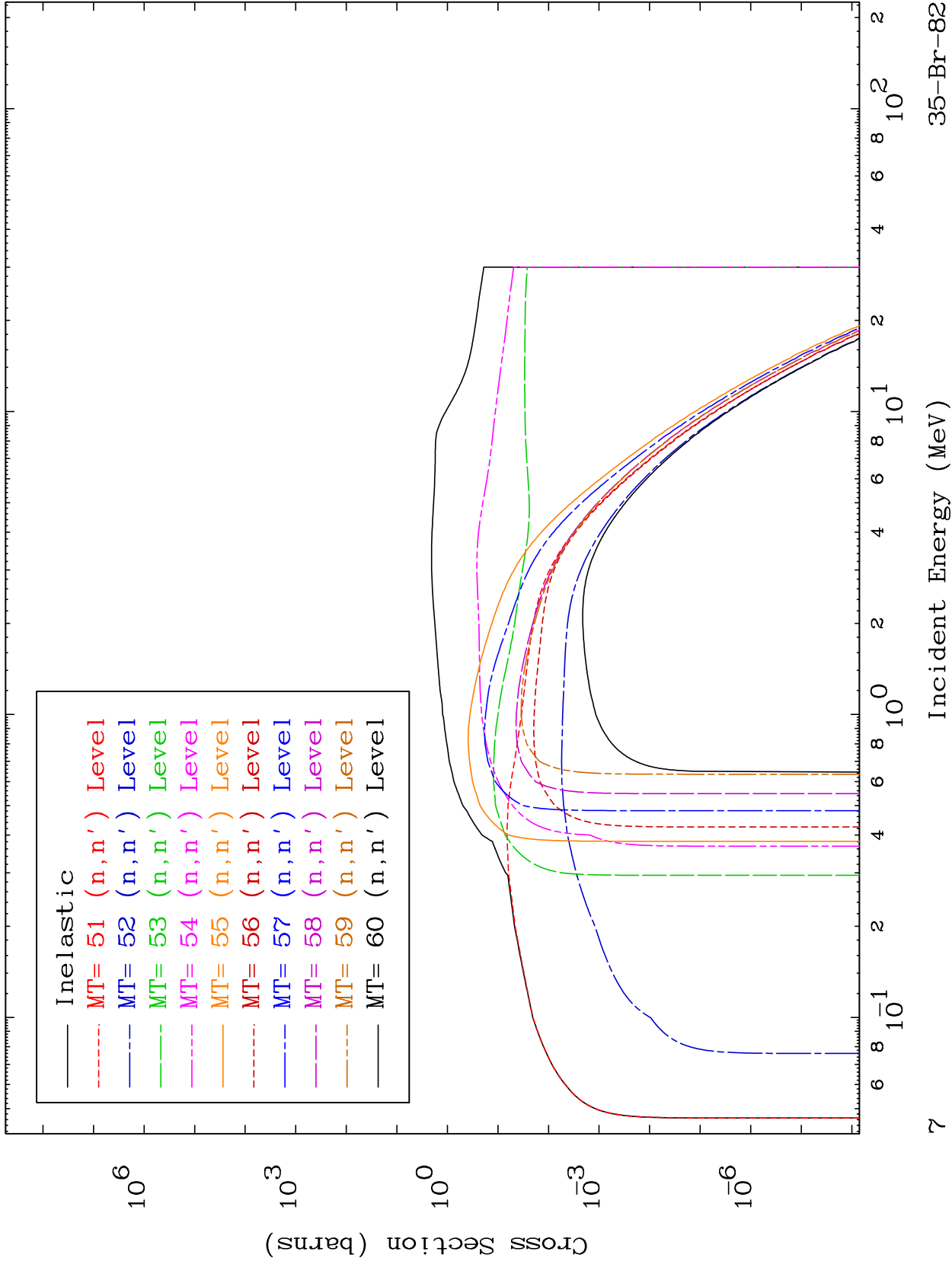


MAT 3534

(n,n') Level

35-Br-82

293 Kelvin Cross Sections

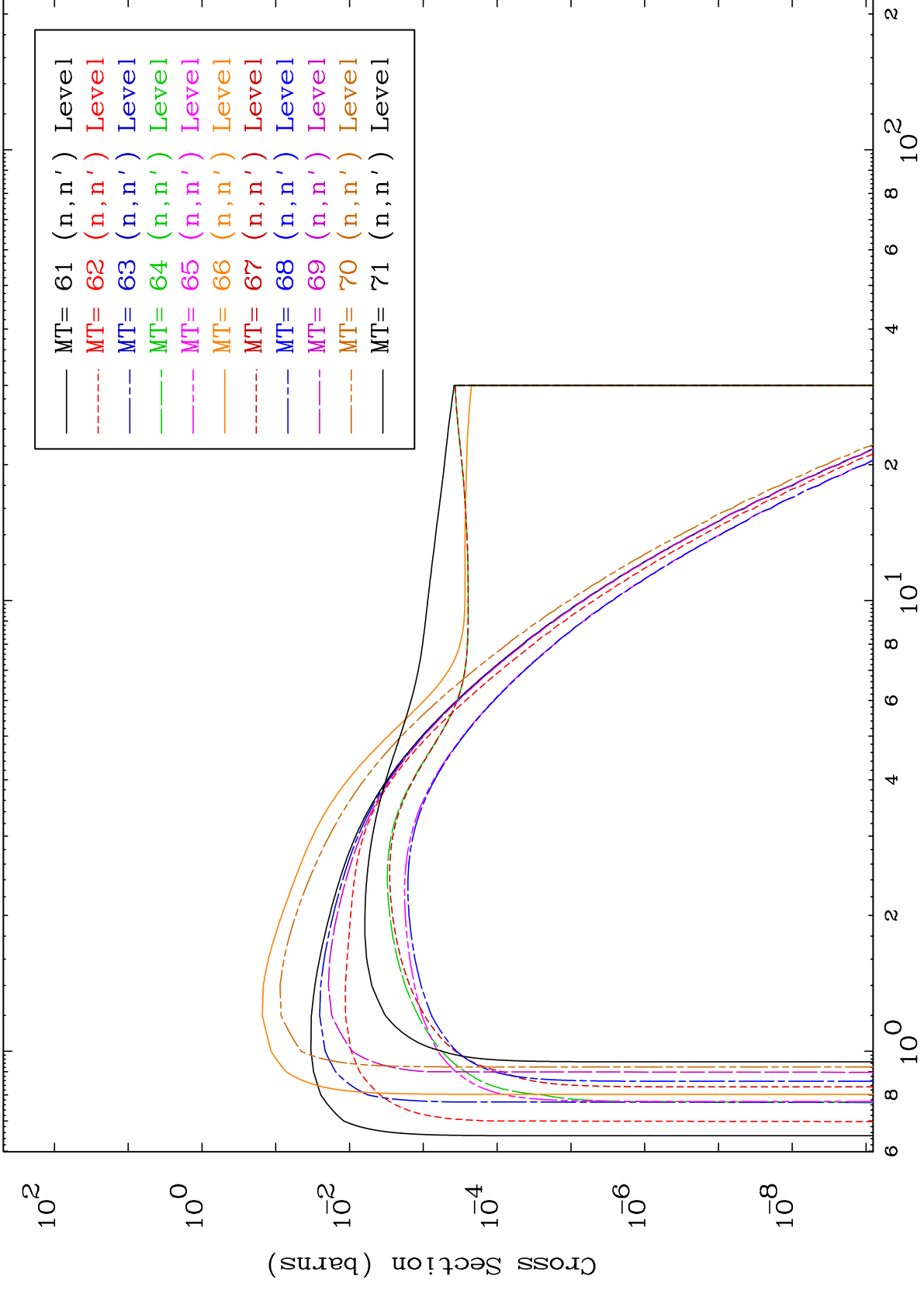


MAT 3534

(n,n') Level

35-Br-82

293 Kelvin Cross Sections



Incident Energy (MeV)

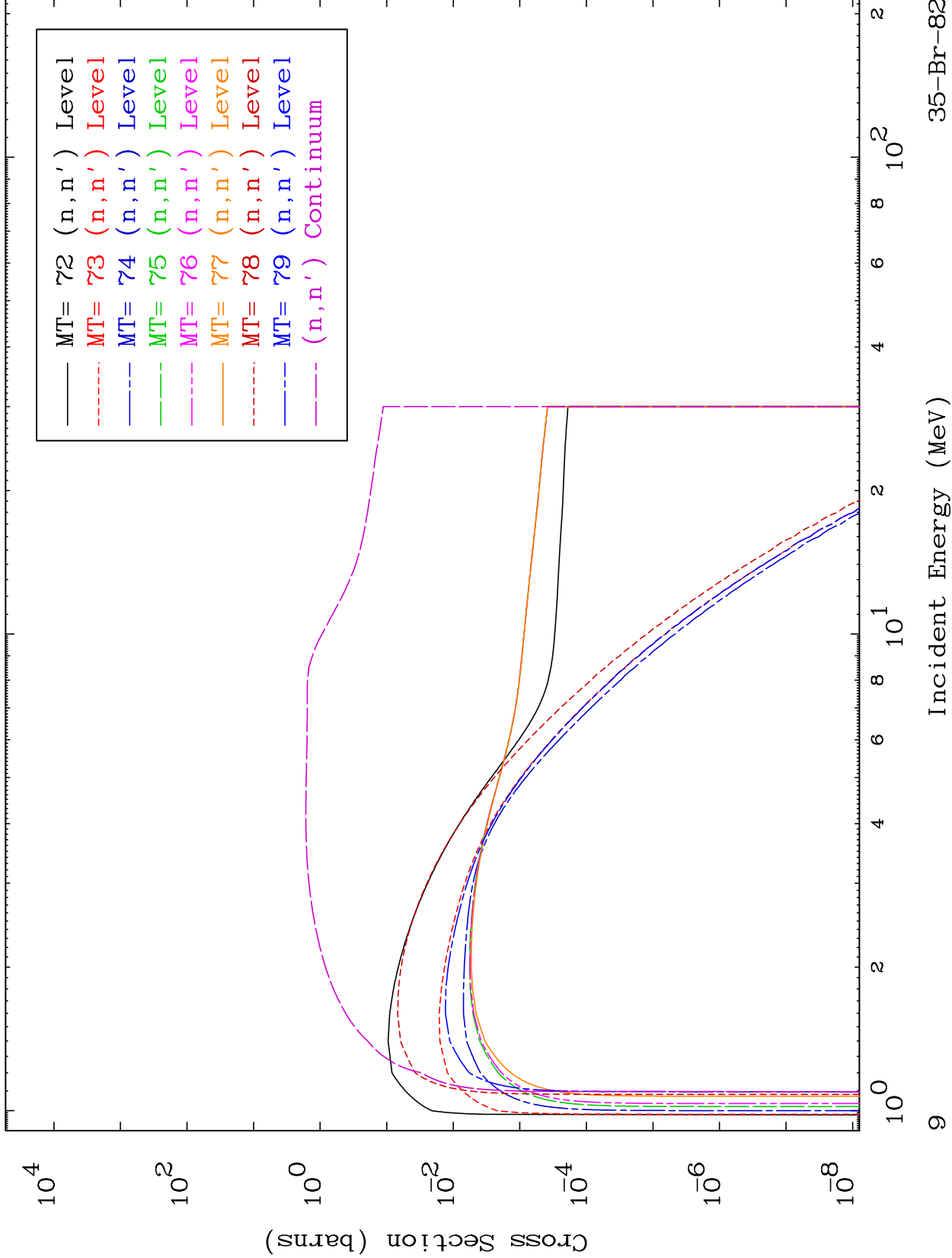
35-Br-82

MAT 3534

(n,n') Level

35-Br-82

293 Kelvin Cross Sections



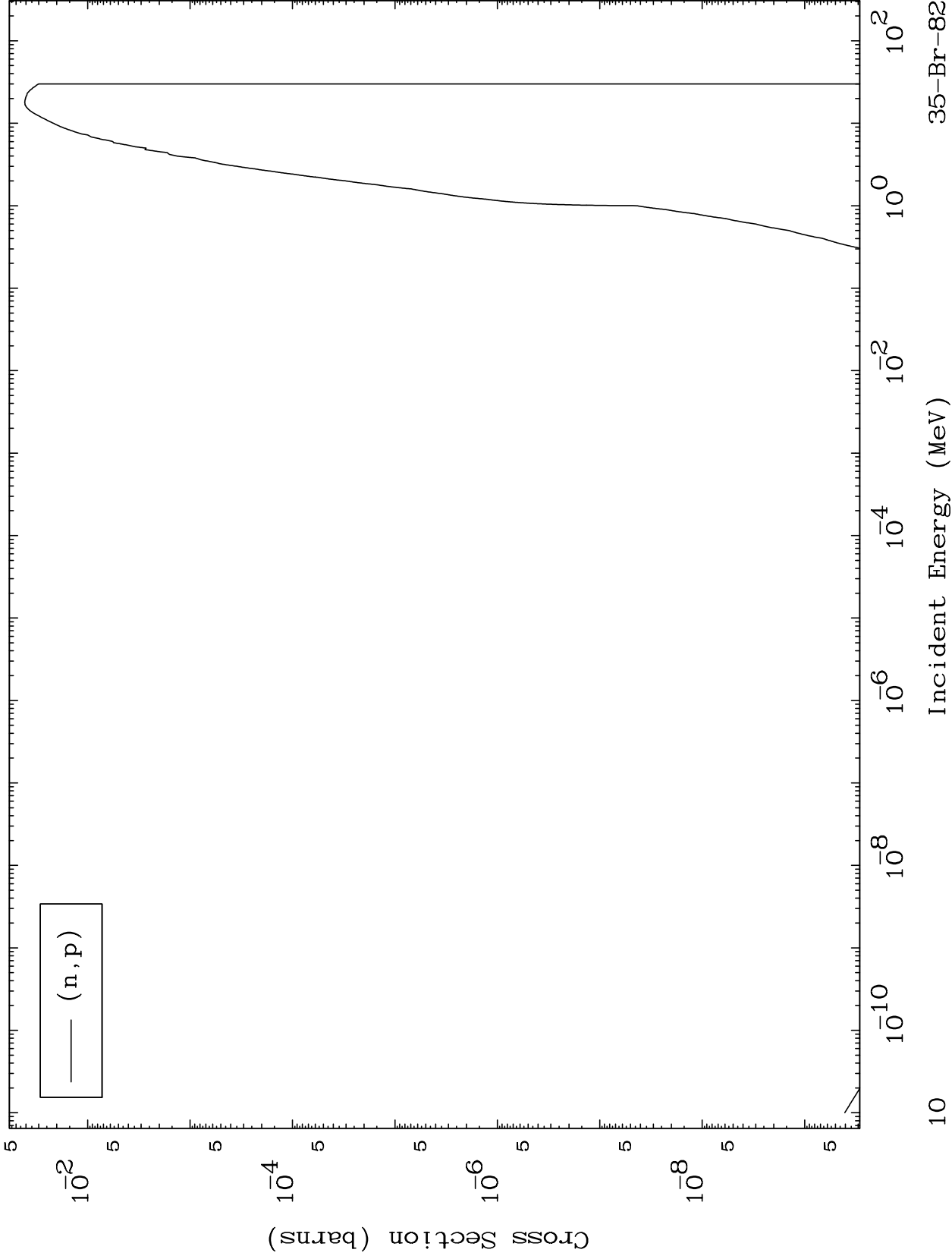
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,p) Levels
293 Kelvin Cross Sections

35-Br-82



10

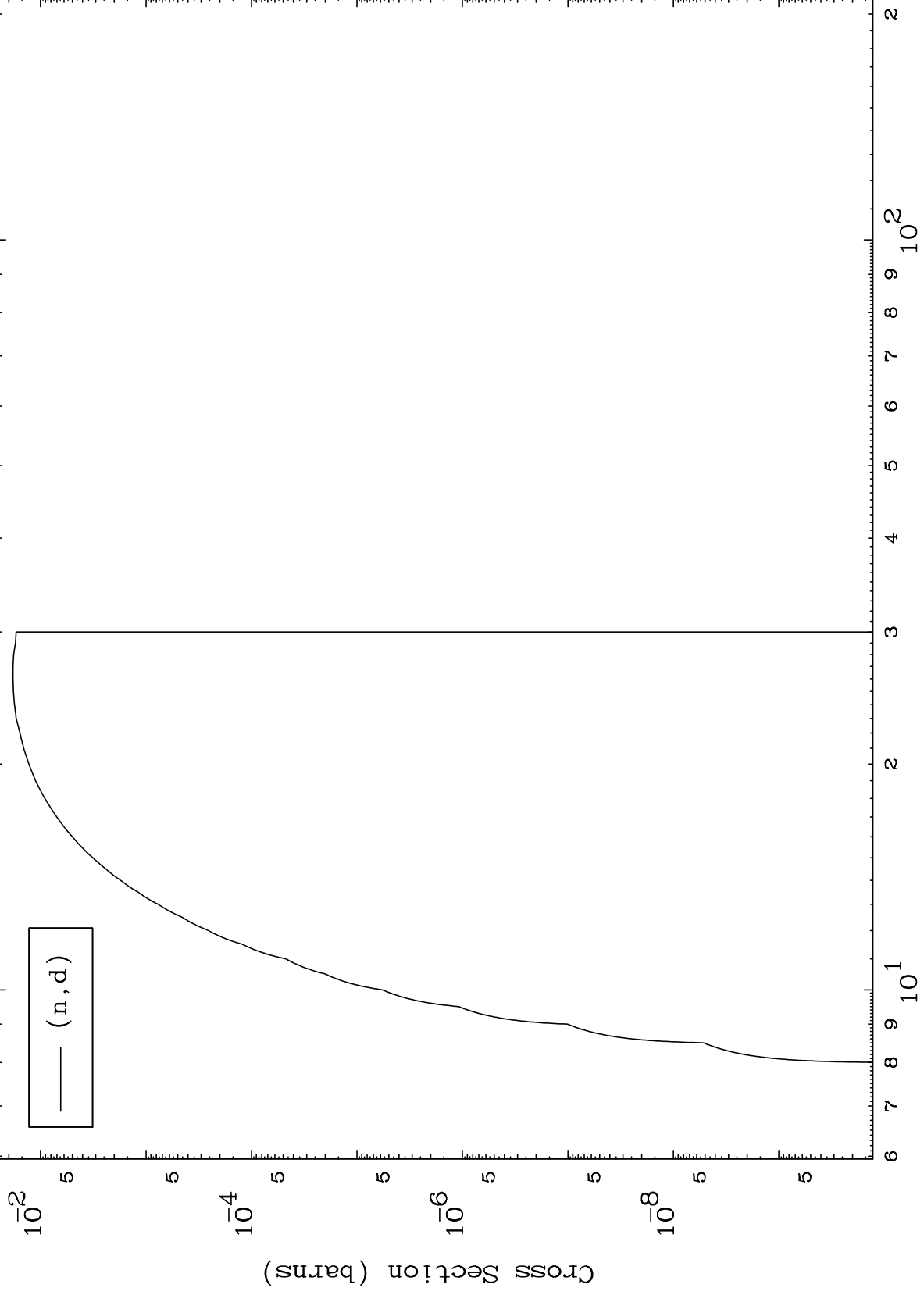
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,d) Levels
293 Kelvin Cross Sections

35-Br-82



11

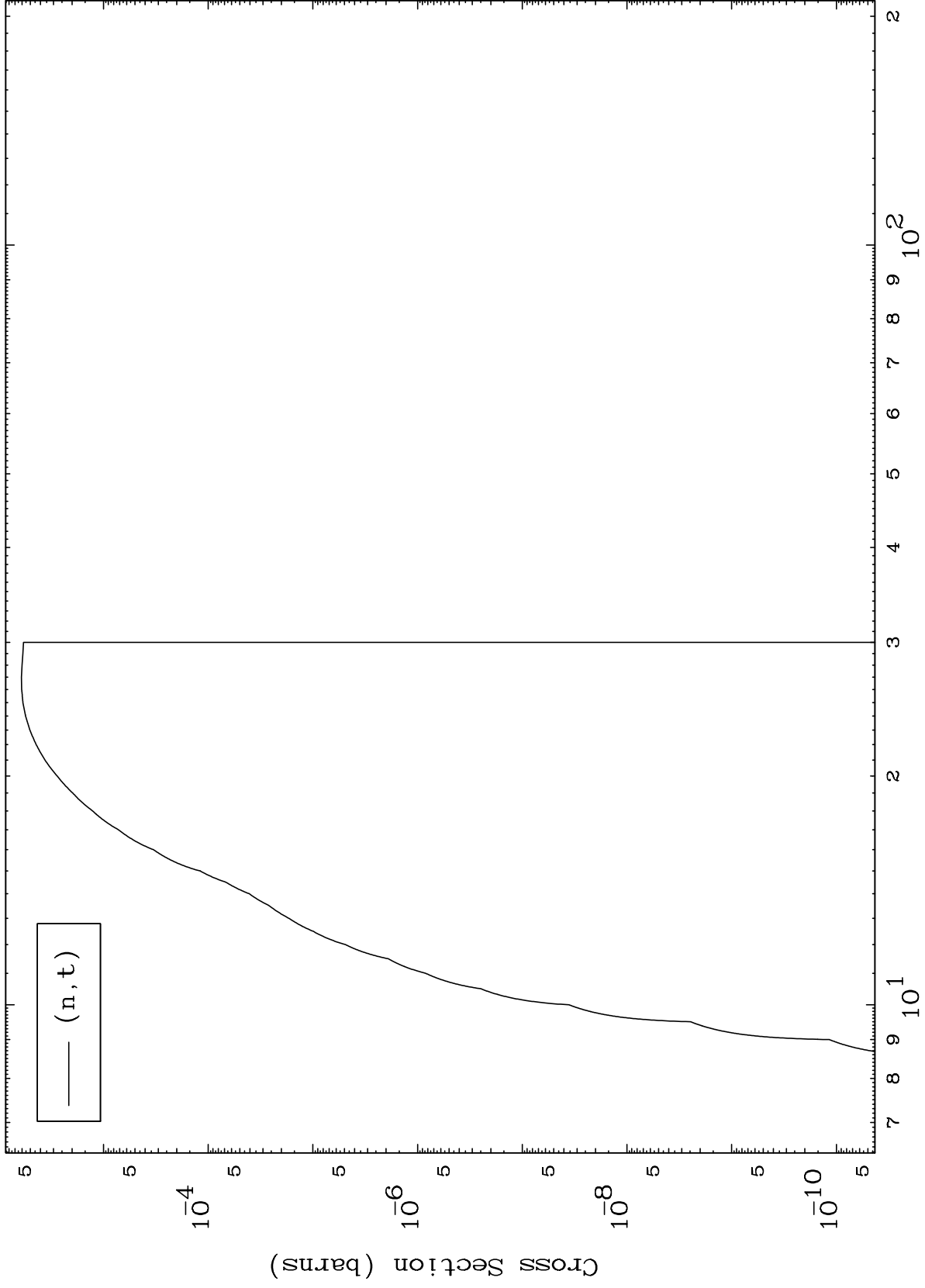
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,t) Levels
293 Kelvin Cross Sections

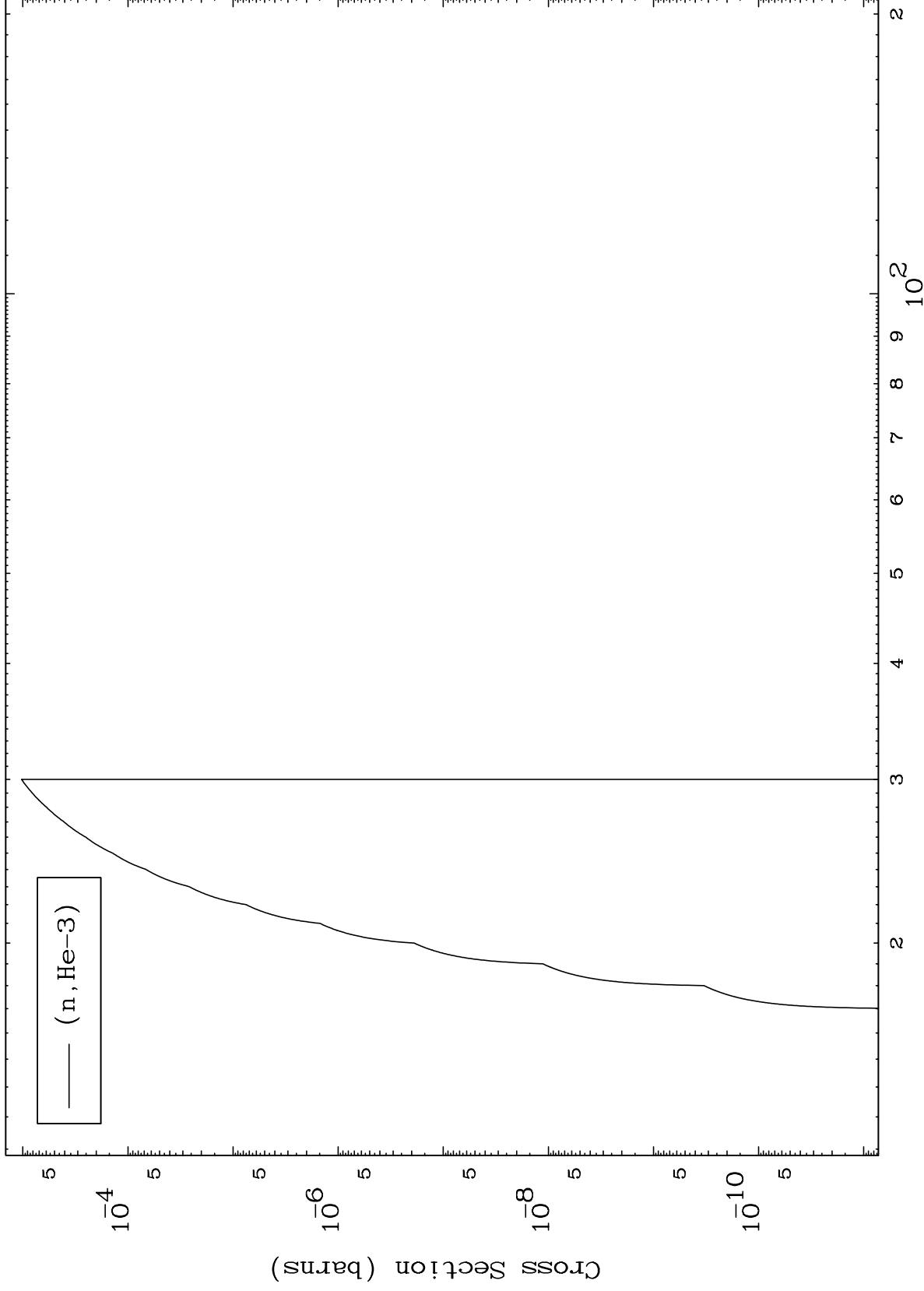
35-Br-82



12

Incident Energy (MeV)

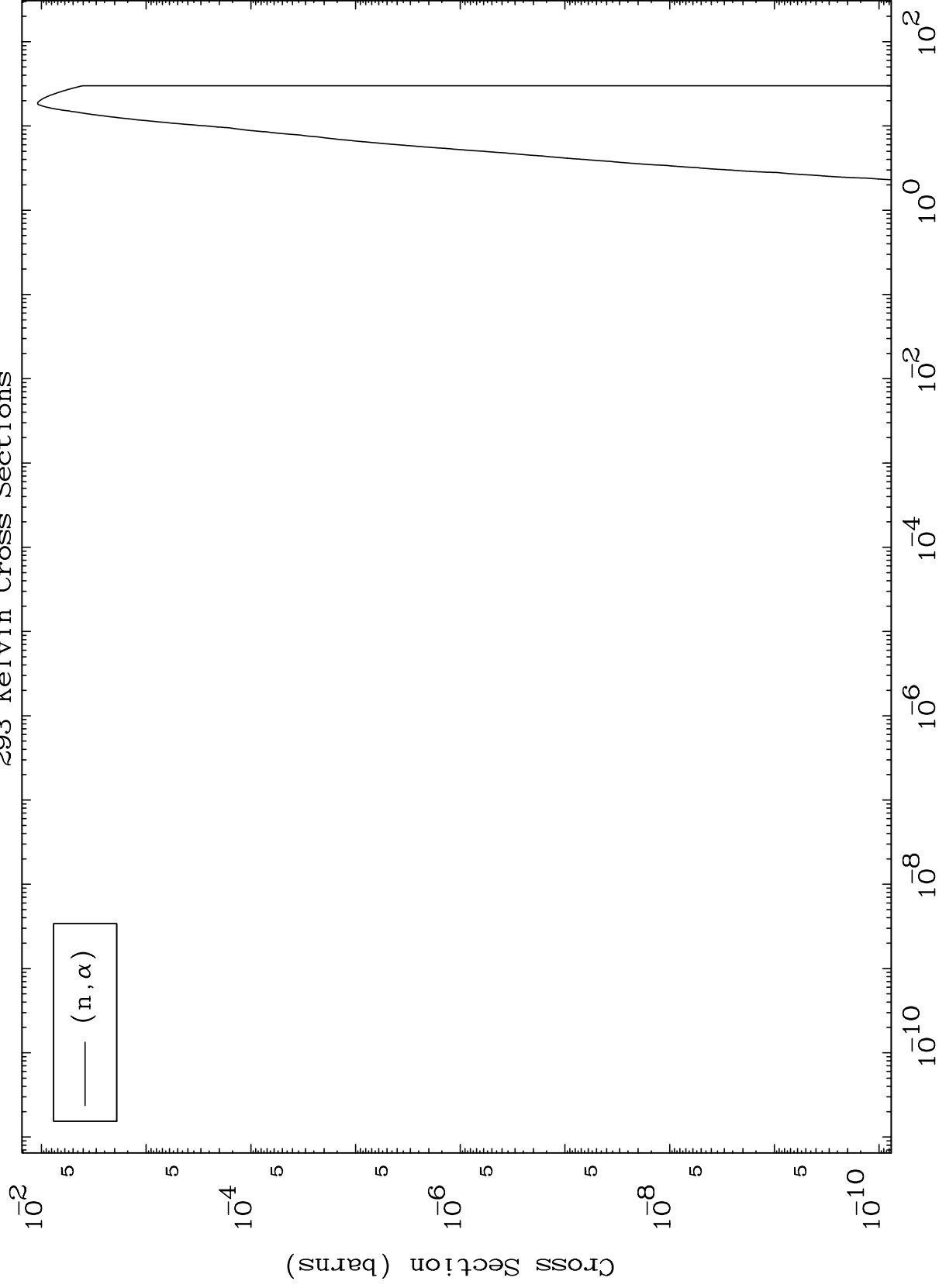
35-Br-82



MAT 3534

(n, α) Levels
293 Kelvin Cross Sections

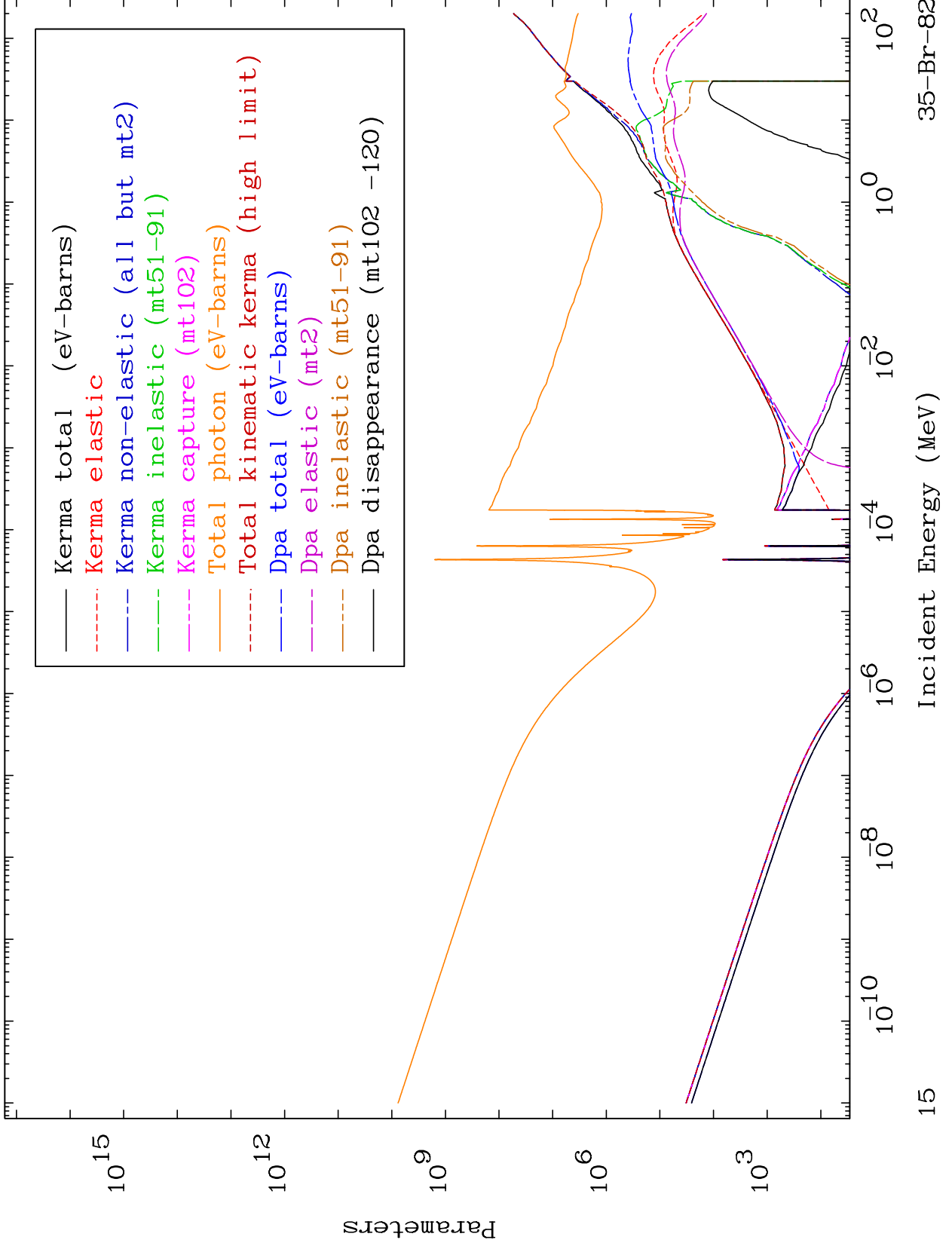
35-Br-82



14

Incident Energy (MeV)

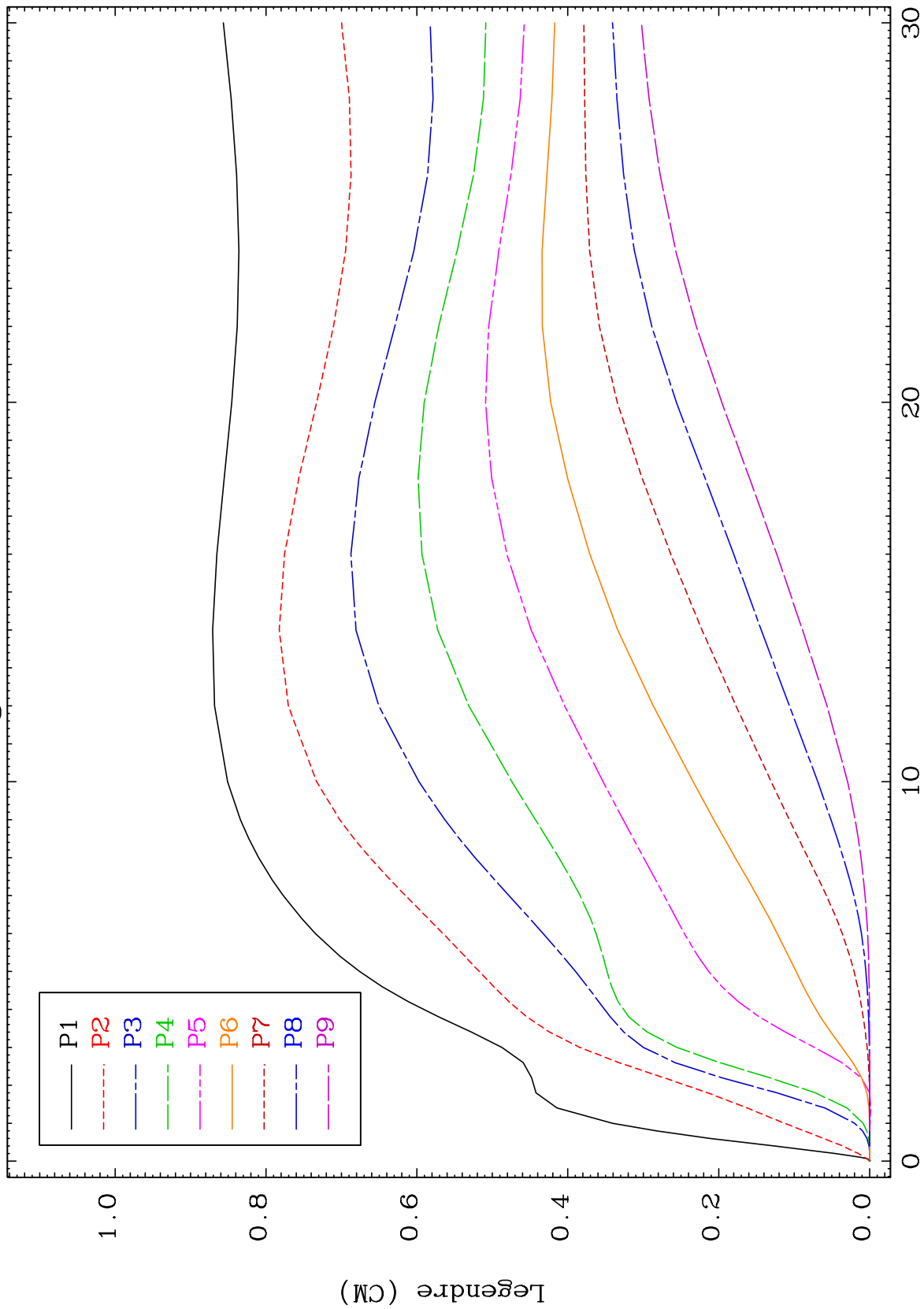
35-Br-82



MAT 3534

Elastic Legendre Coefficients

³⁵Br-82



16

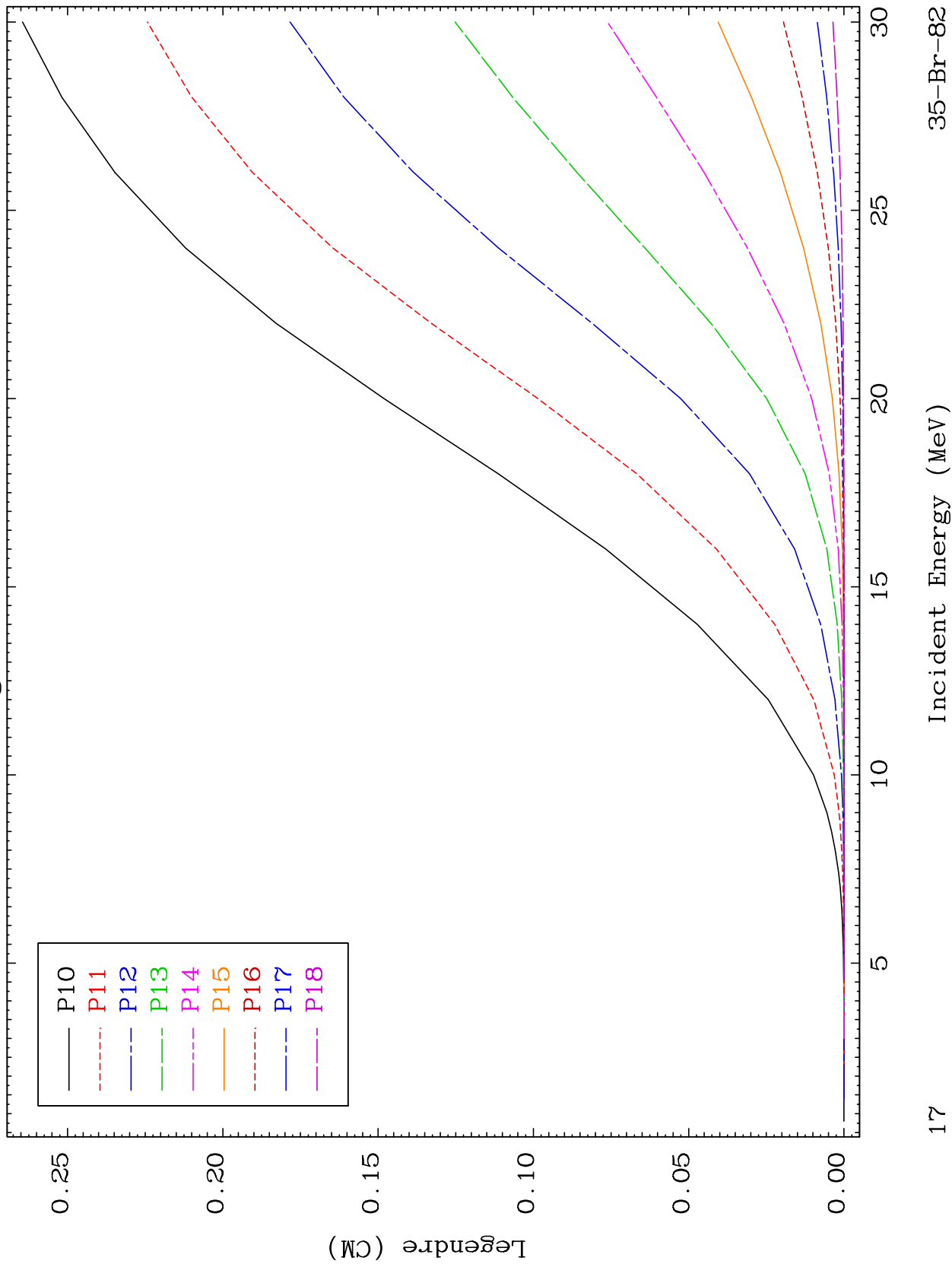
Incident Energy (MeV)

³⁵Br-82

MAT 3534

Elastic Legendre Coefficients

35-Br-82



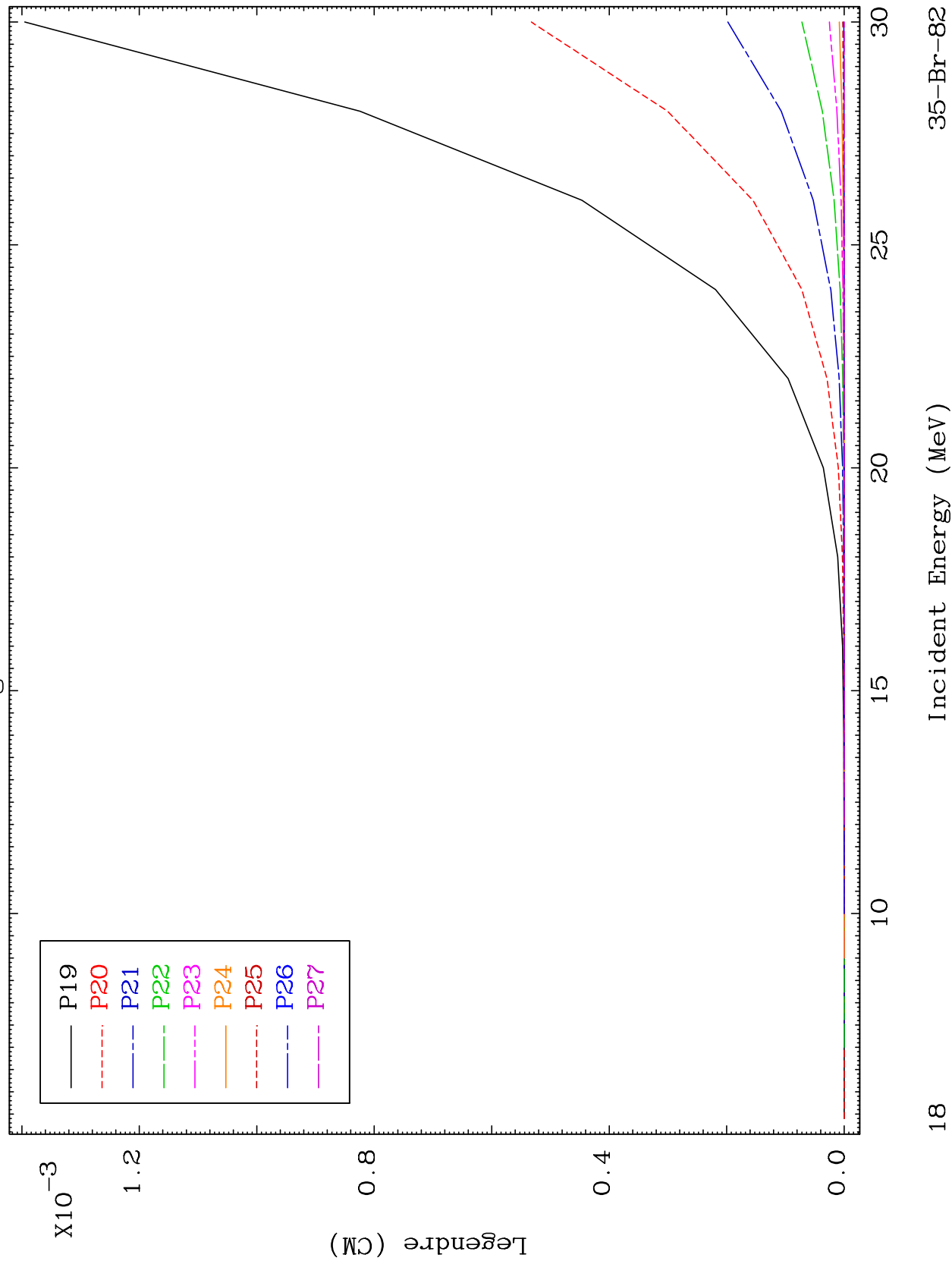
17

35-Br-82

MAT 3534

Elastic Legendre Coefficients

35-Br-82



18

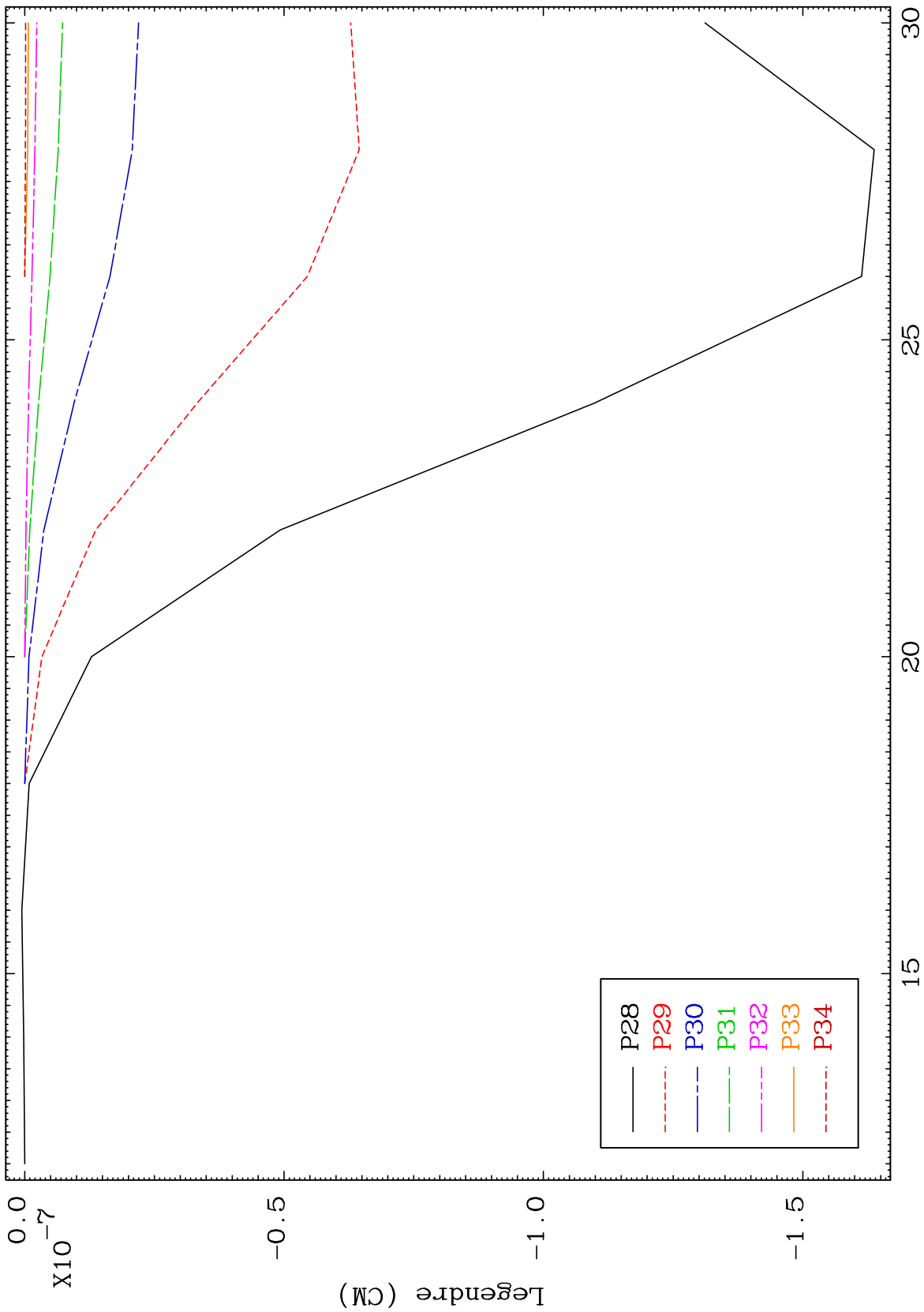
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

Elastic Legendre Coefficients



0.0

$\times 10^{-7}$

-0.5

-1.0

-1.5

Legendre (CM)

15

20

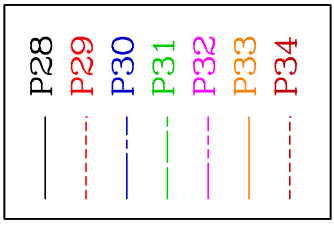
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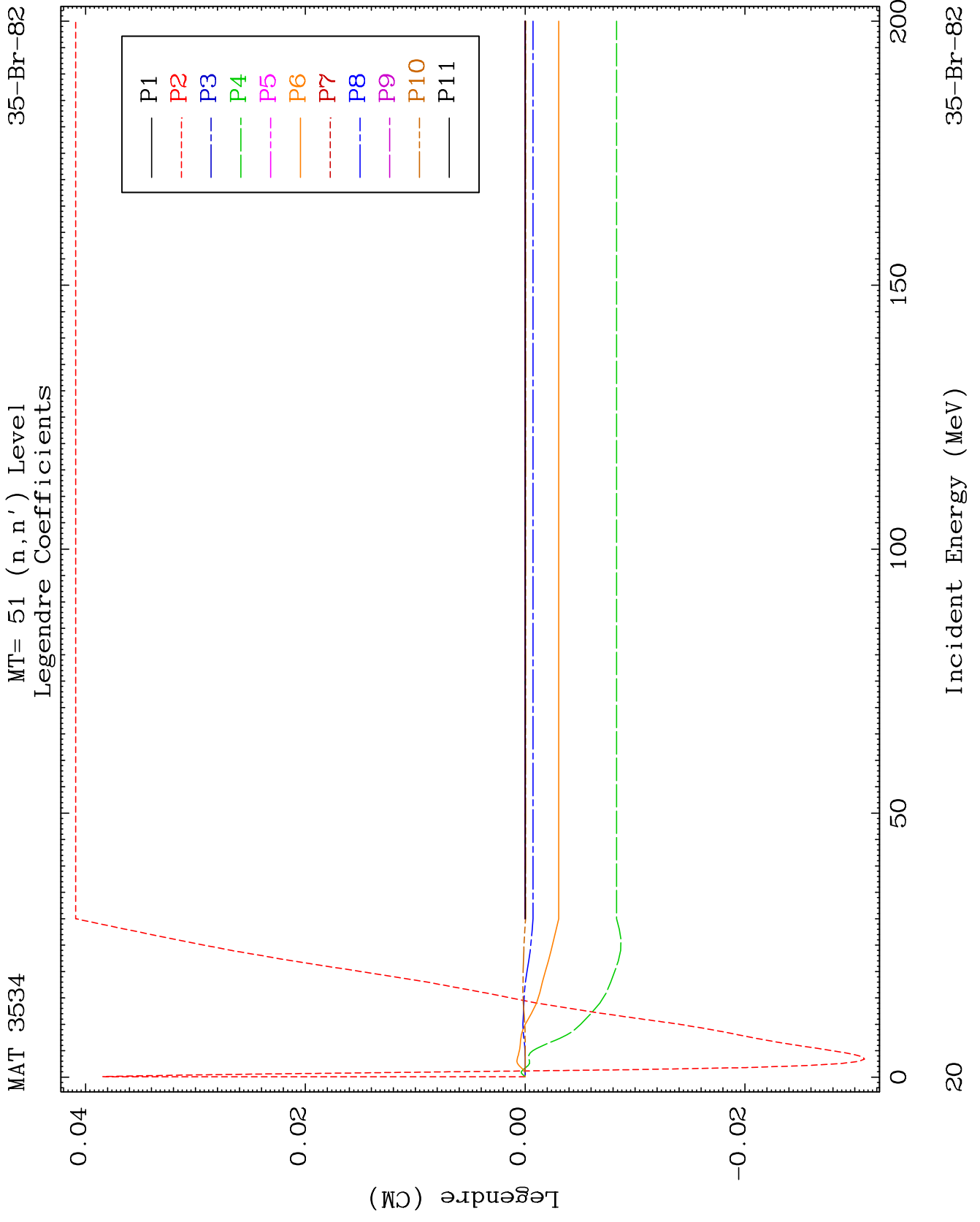
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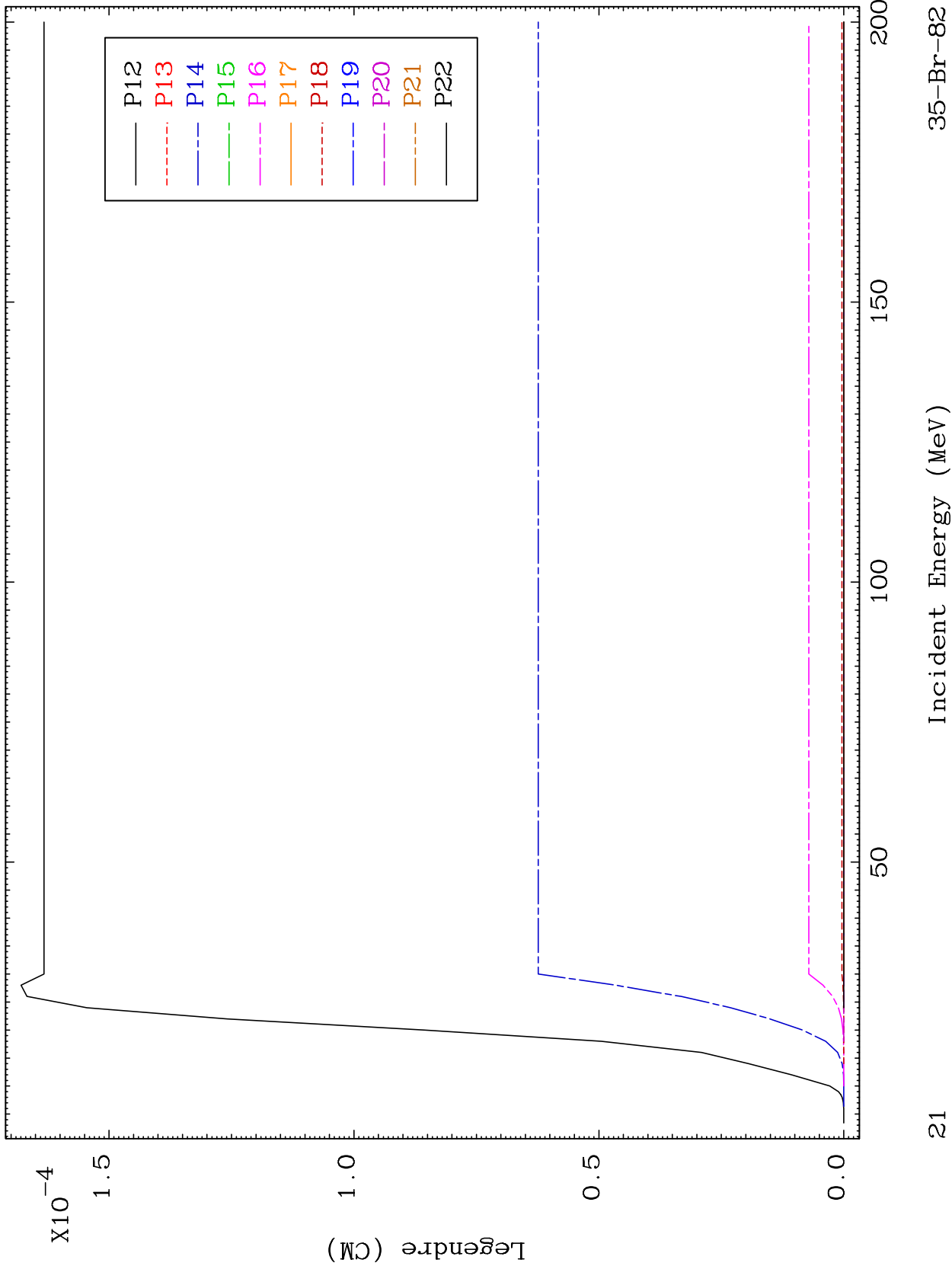
19

Incident Energy (MeV)

35-Br-82



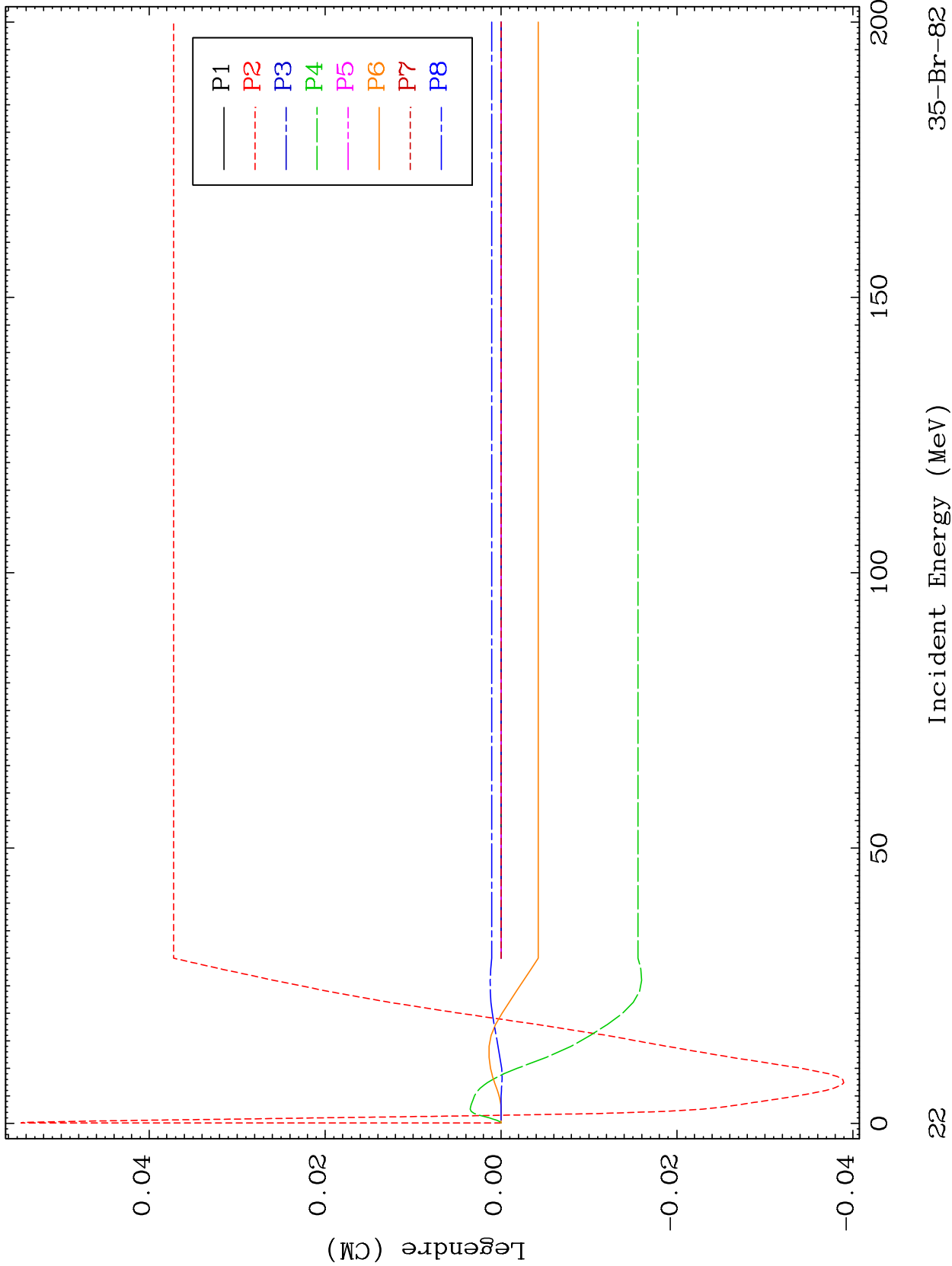




MAT 3534

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

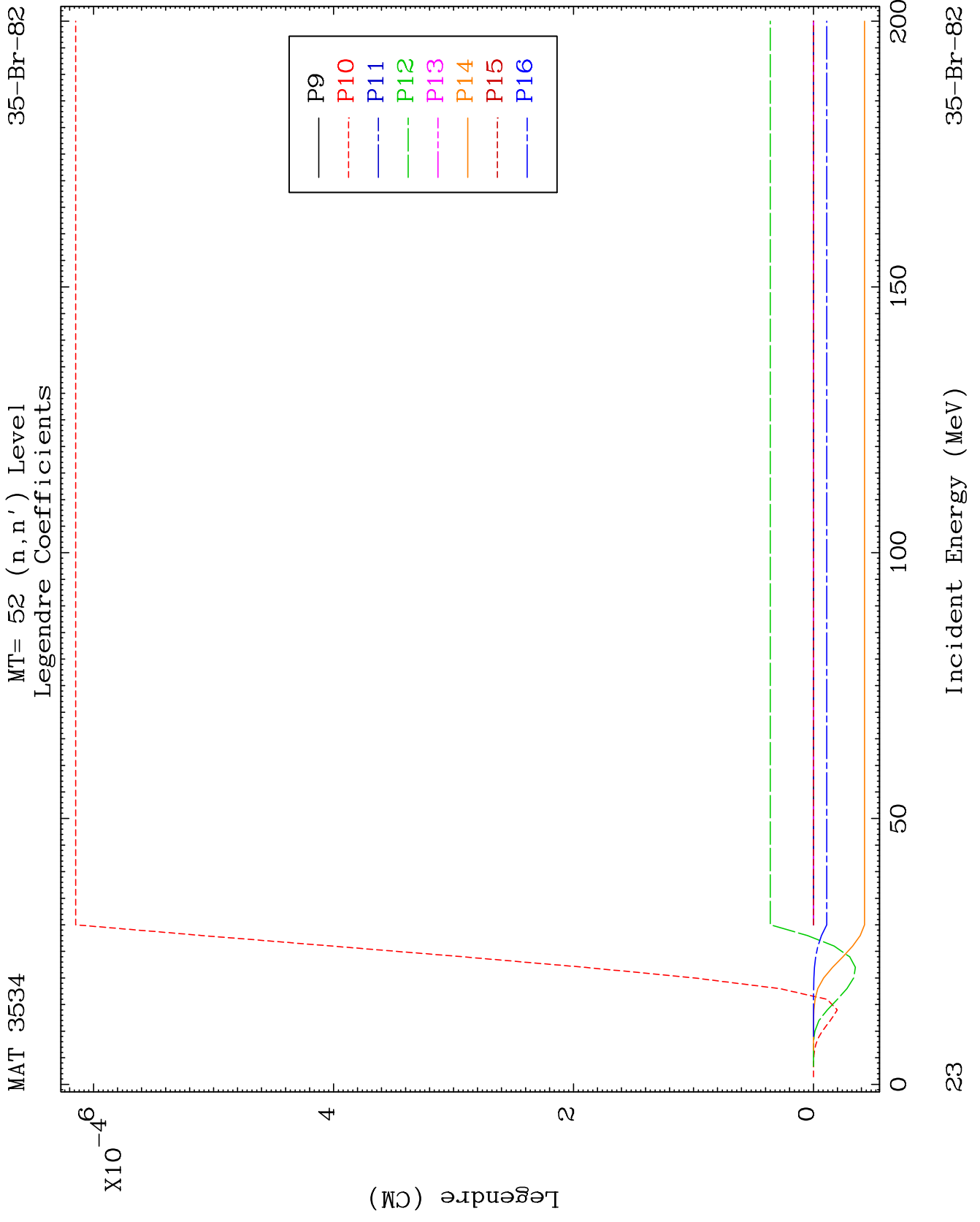
35-Br-82



35-Br-82

Incident Energy (MeV)

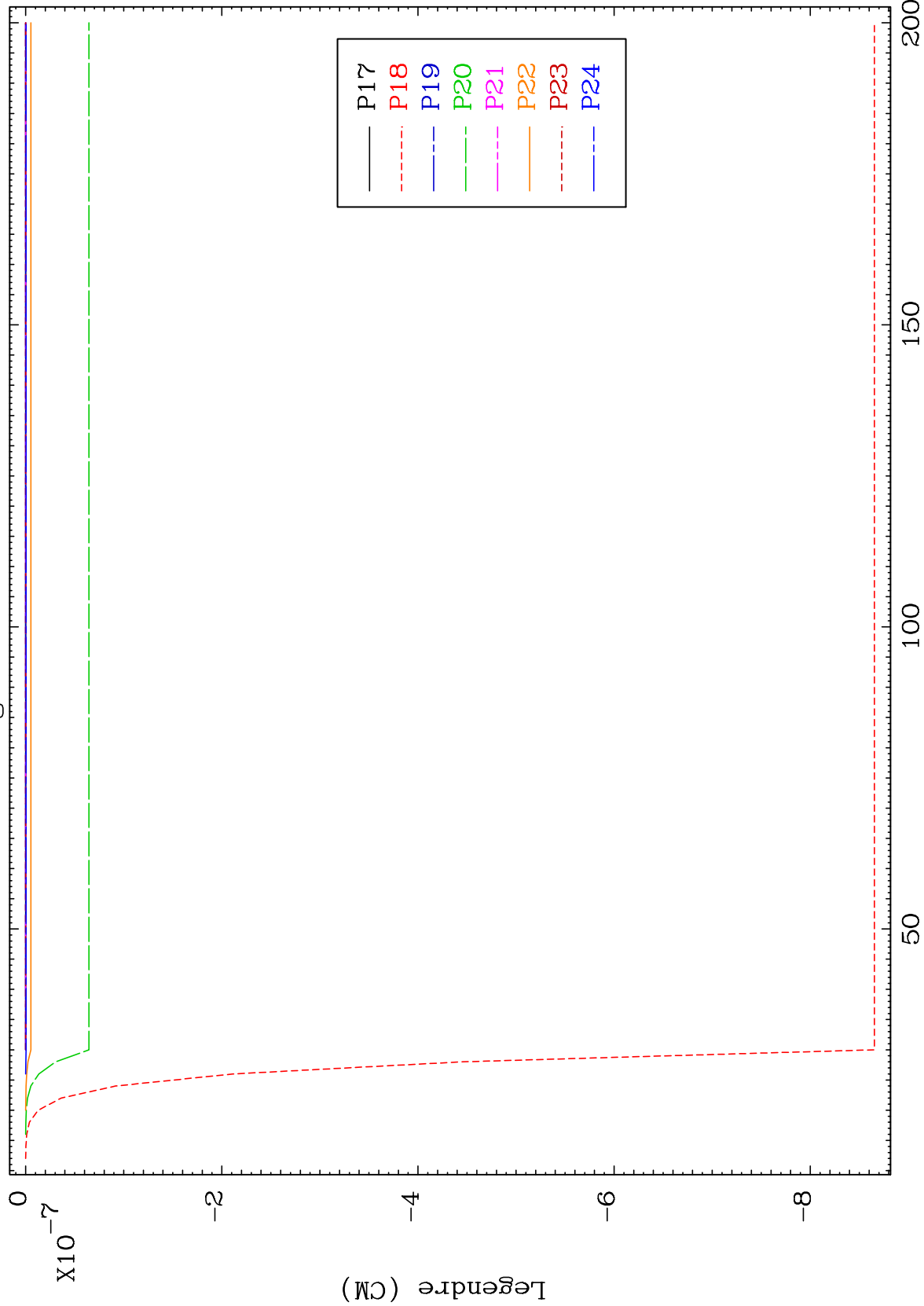
22



MAT 3534

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

35-Br-82



24

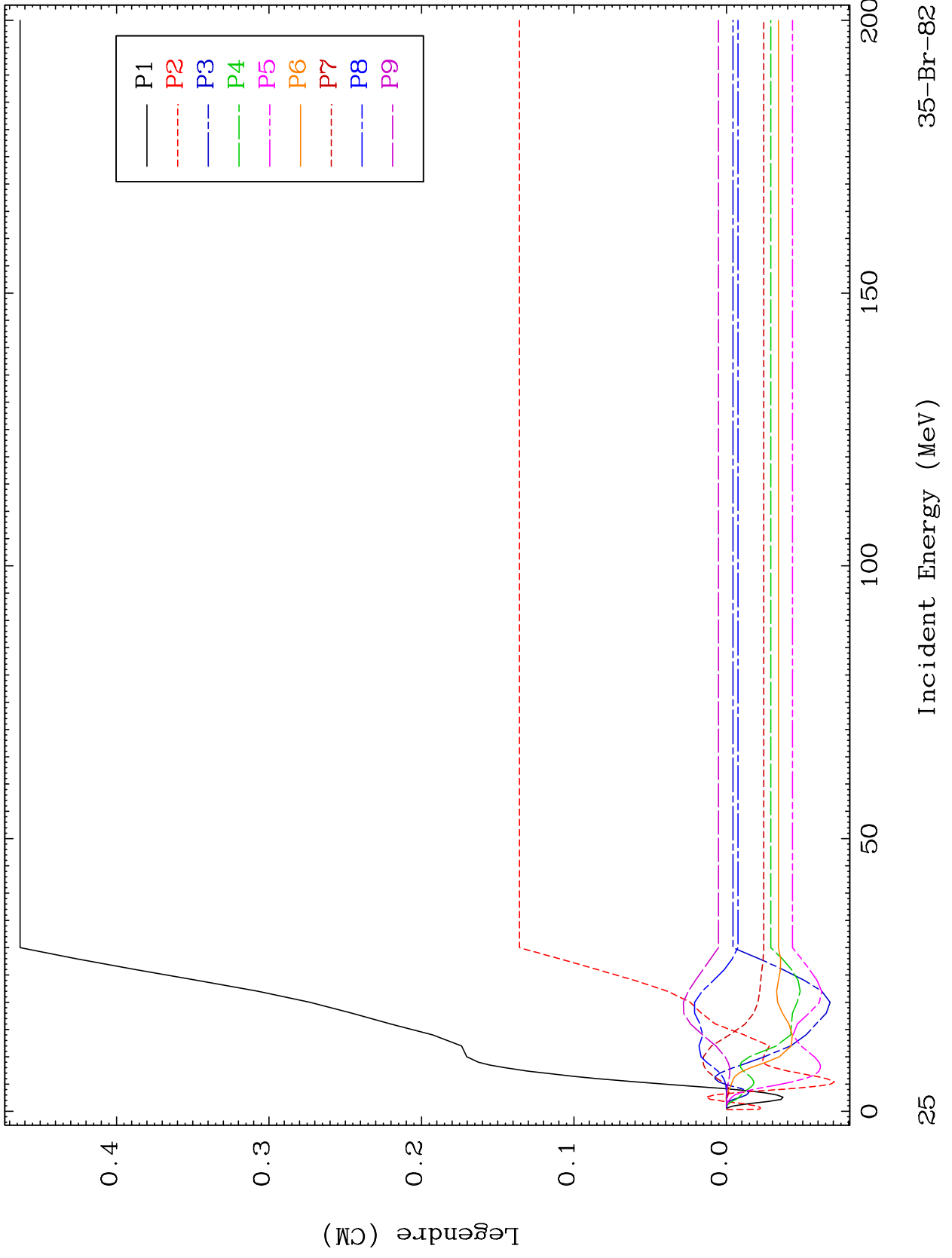
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



35-Br-82

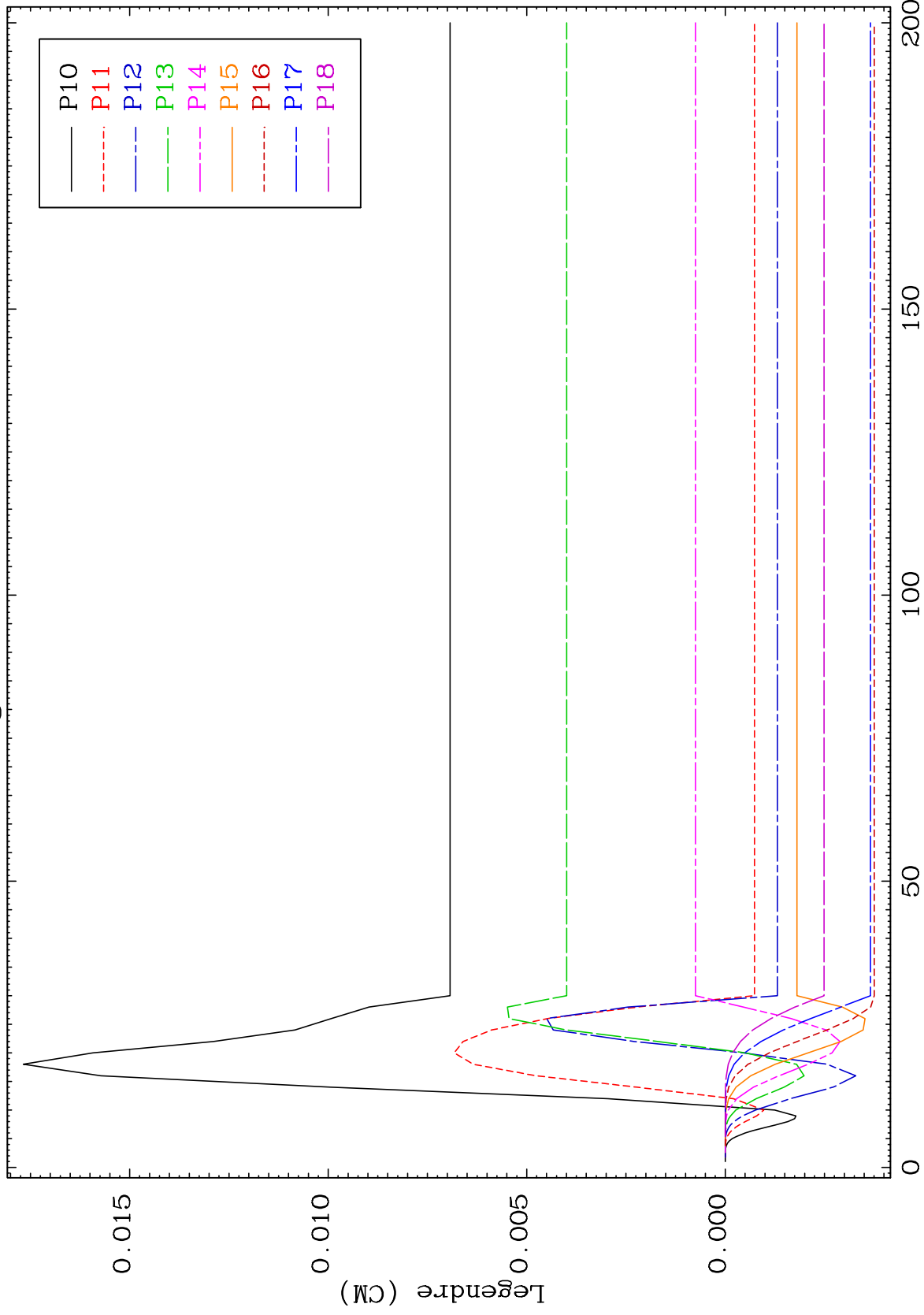
Incident Energy (MeV)

25

MAT 3534

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

35-Br-82

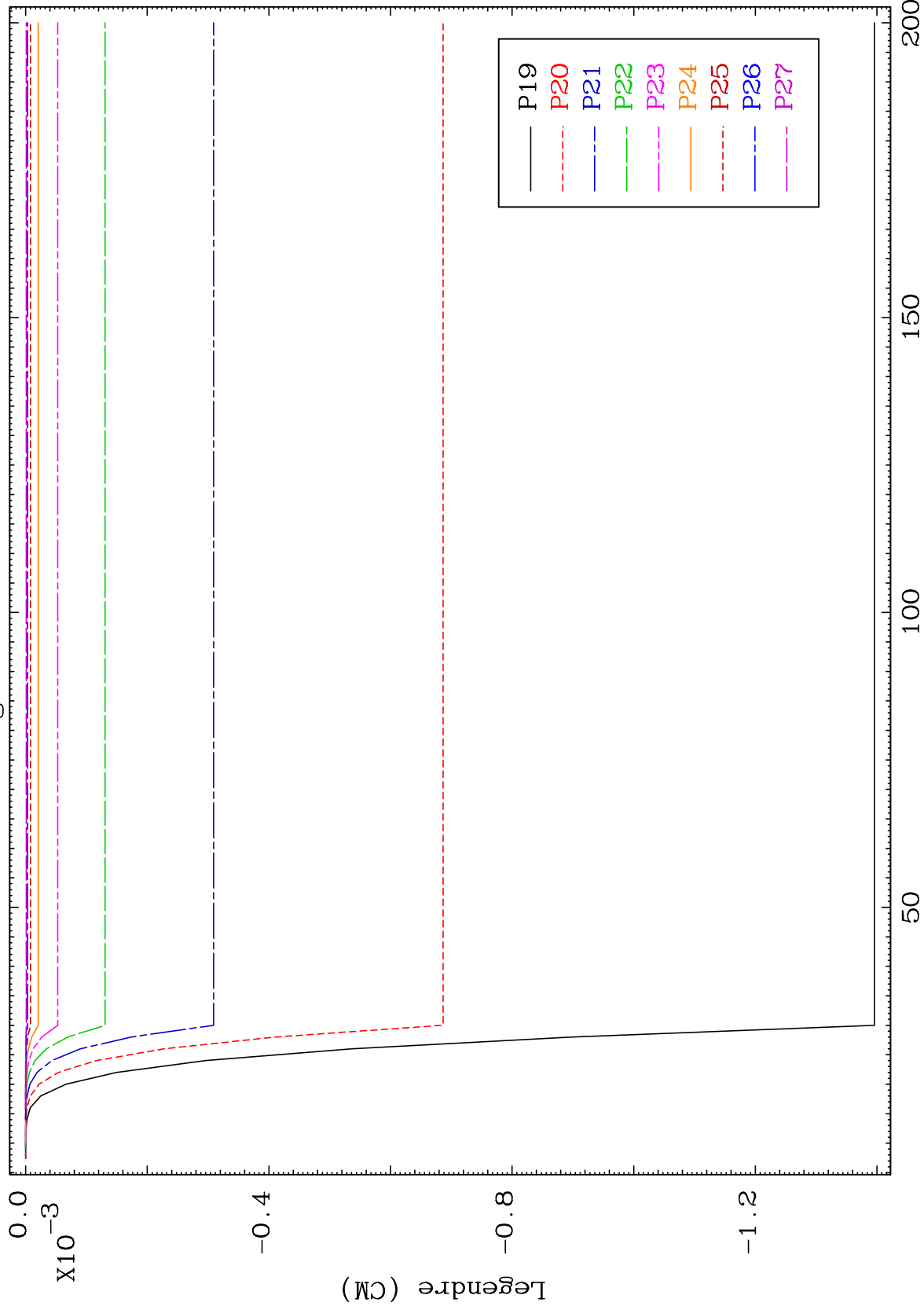


26

Incident Energy (MeV)

35-Br-82

Legendre Coefficients

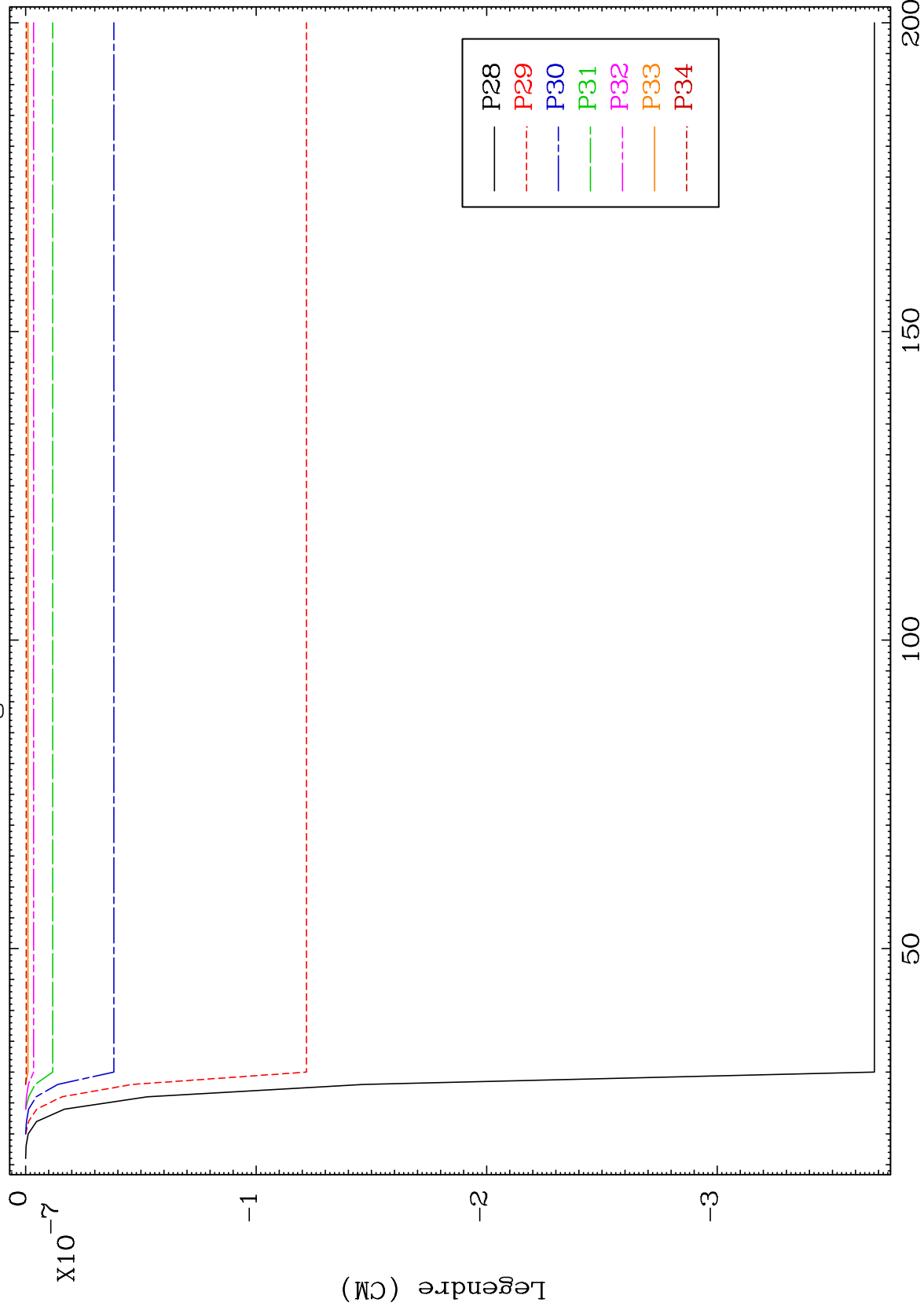


MAT 3534

MT= 53 (n,n') Level

35-Br-82

Legendre Coefficients



28

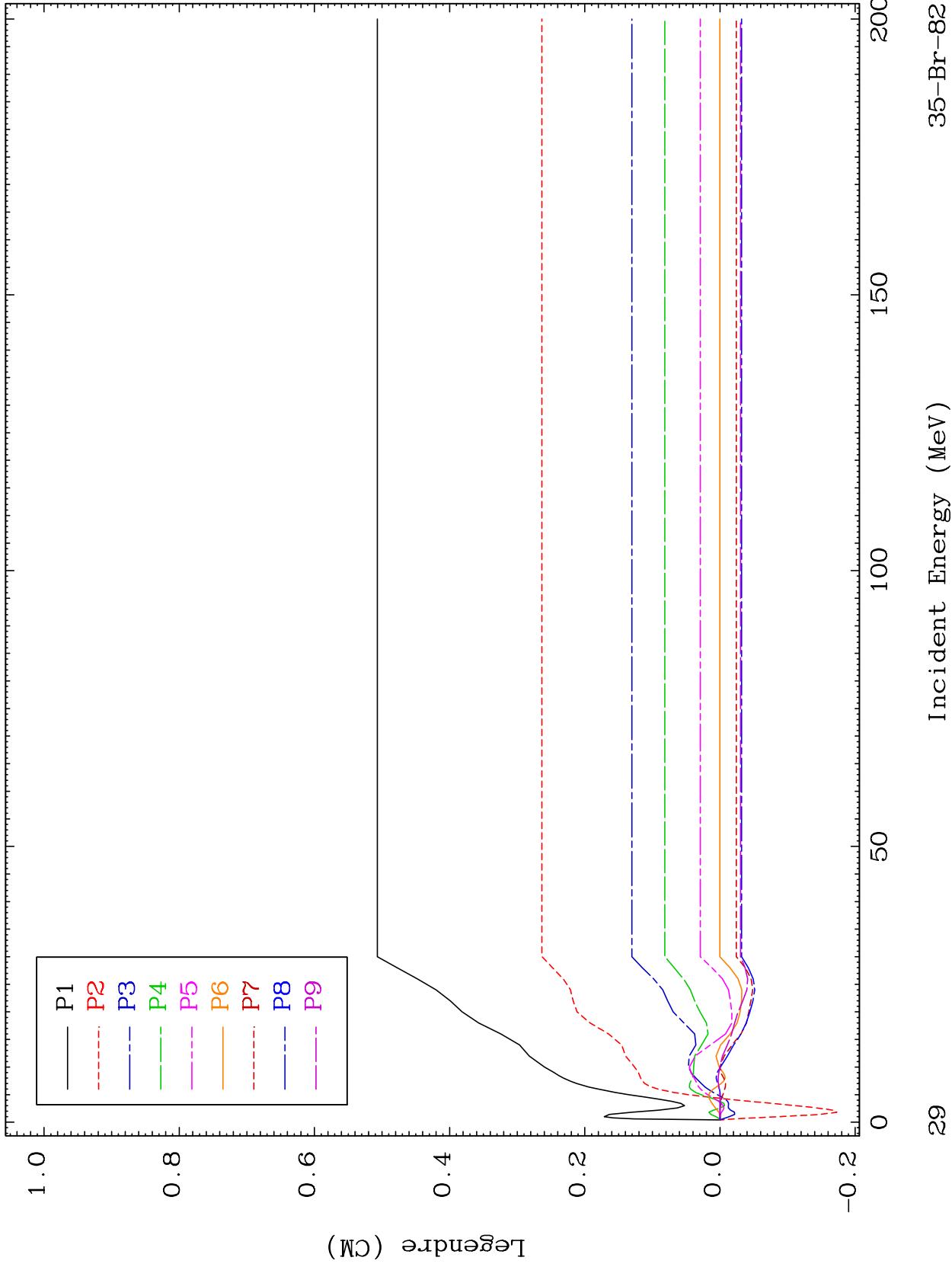
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



29

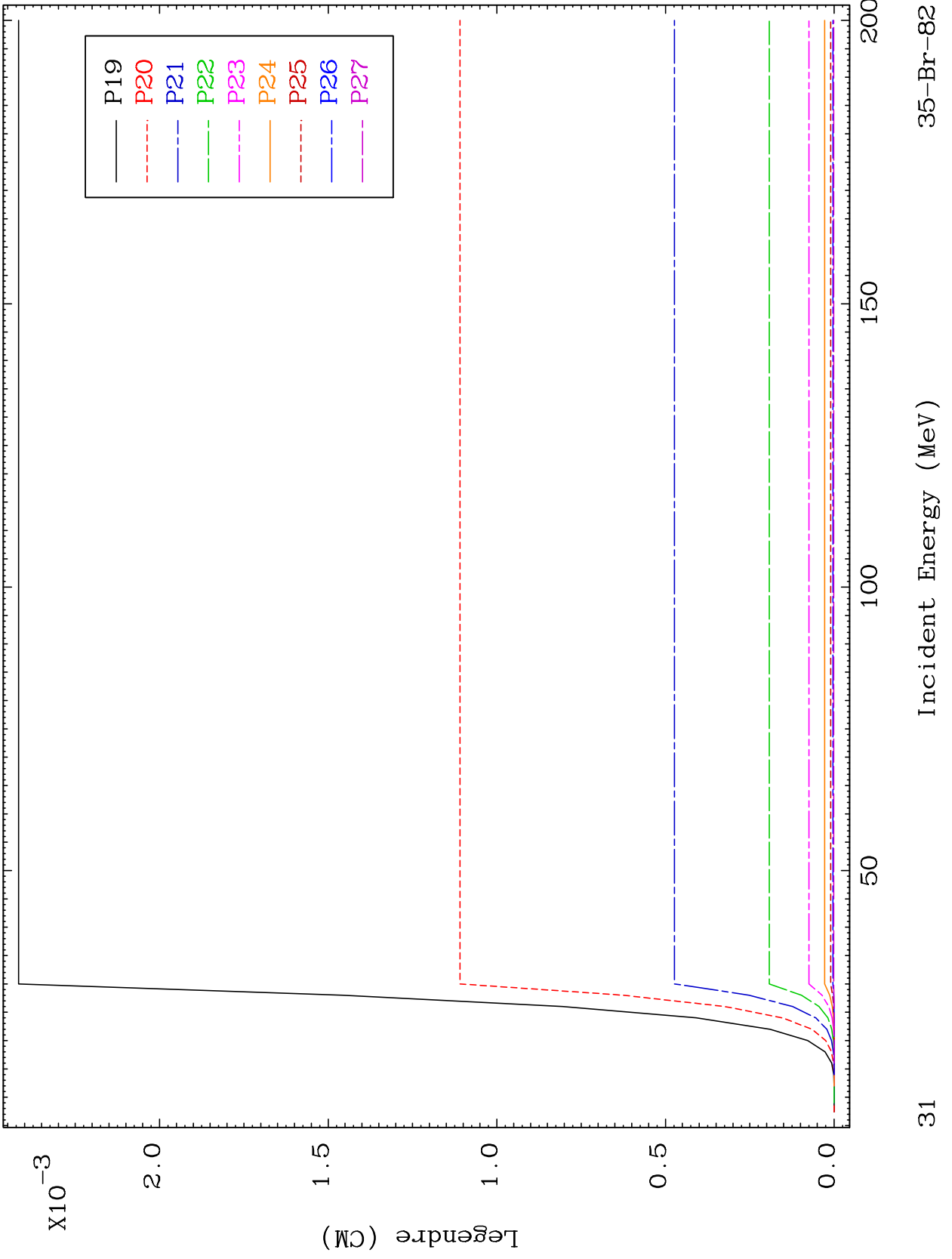
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



31

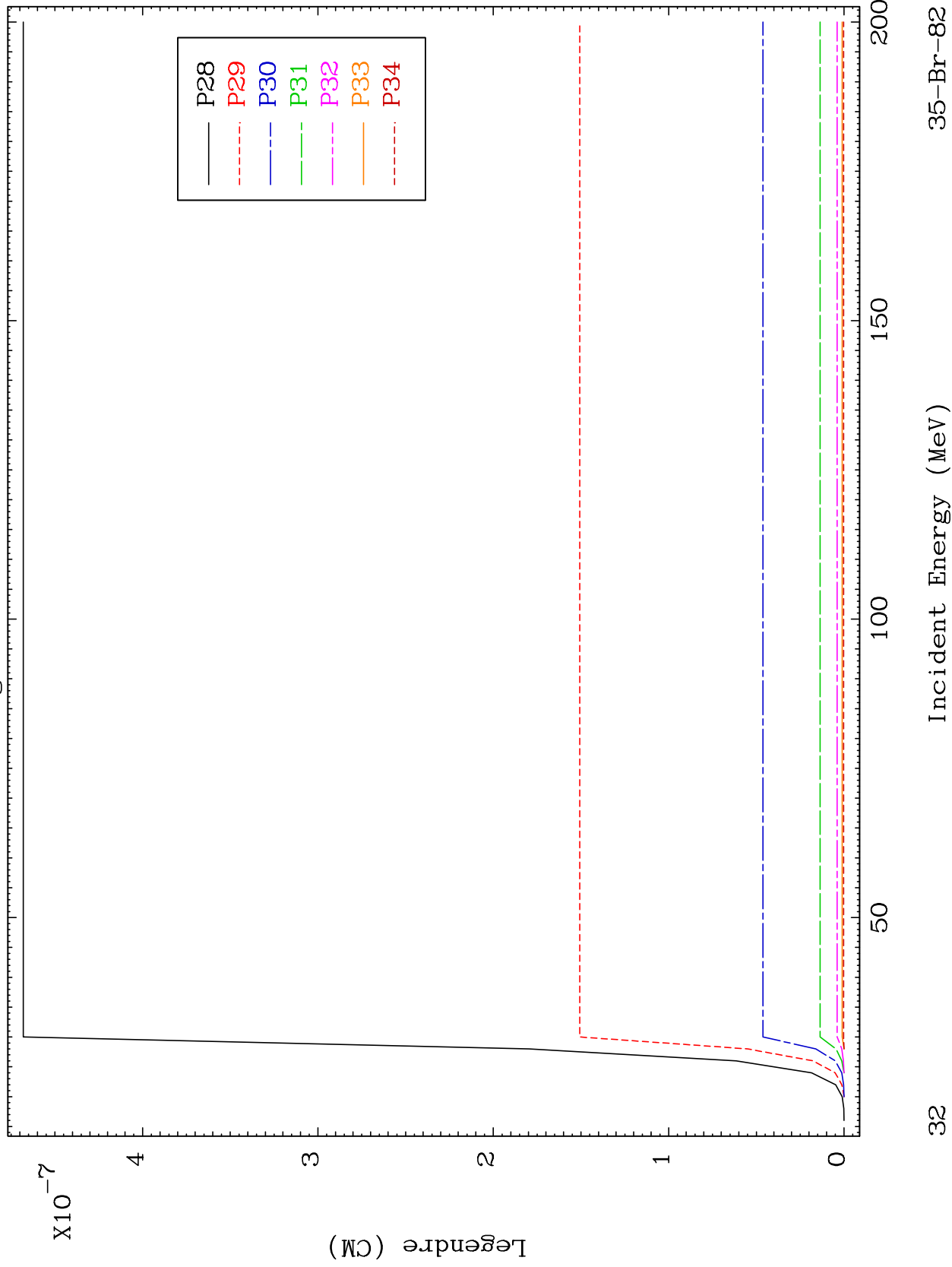
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



32

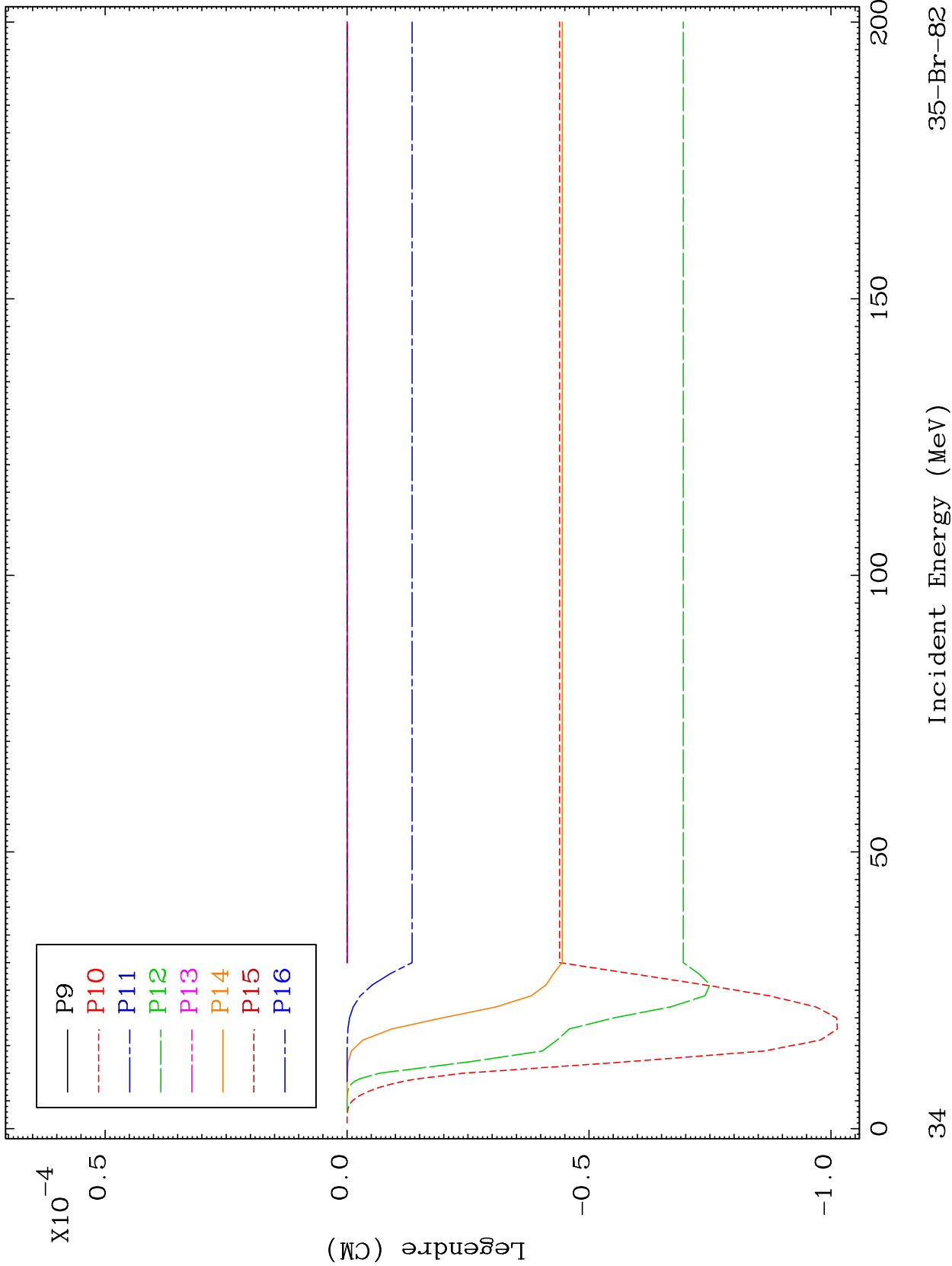
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

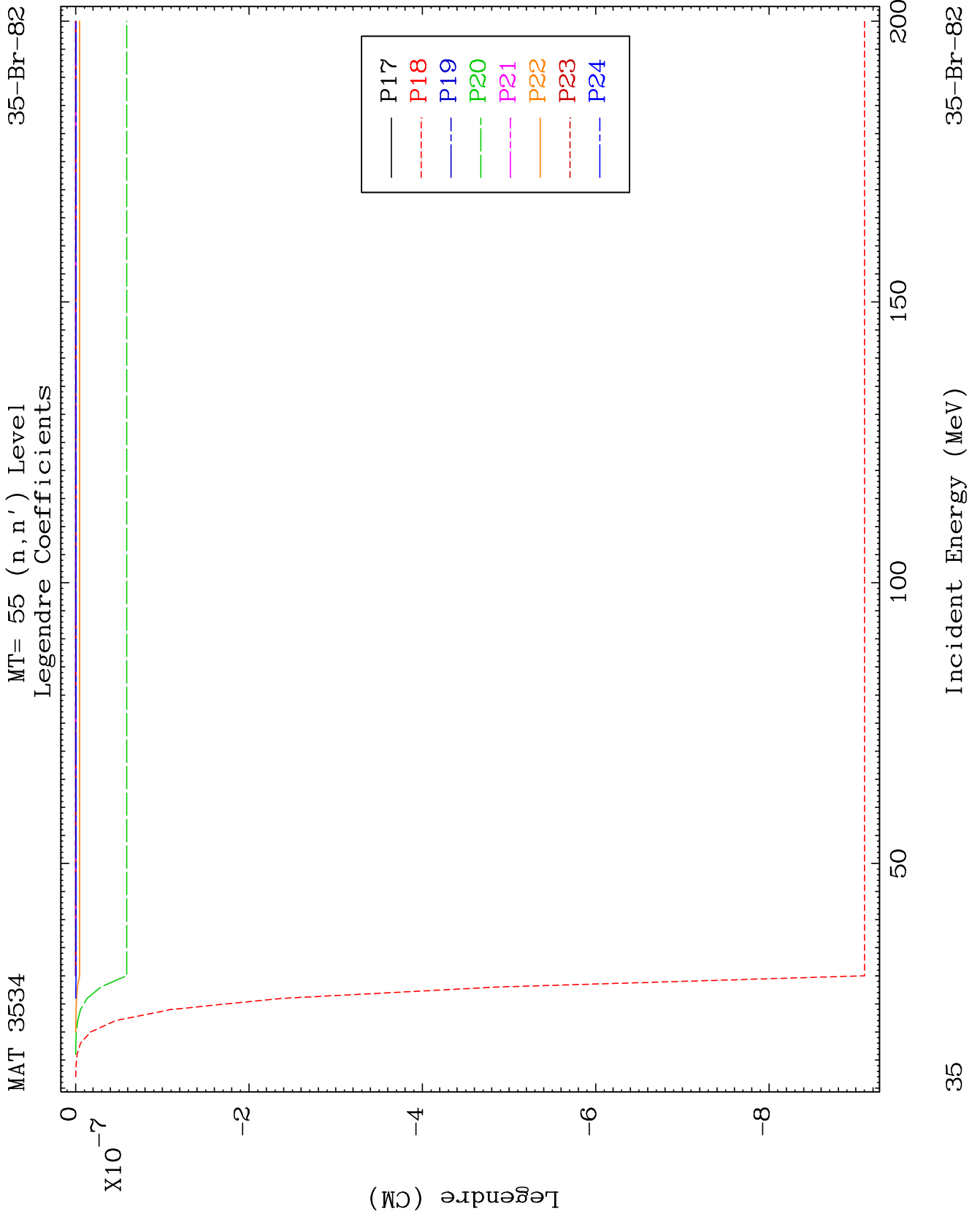
MT= 55 (n,n') Level
Legendre Coefficients

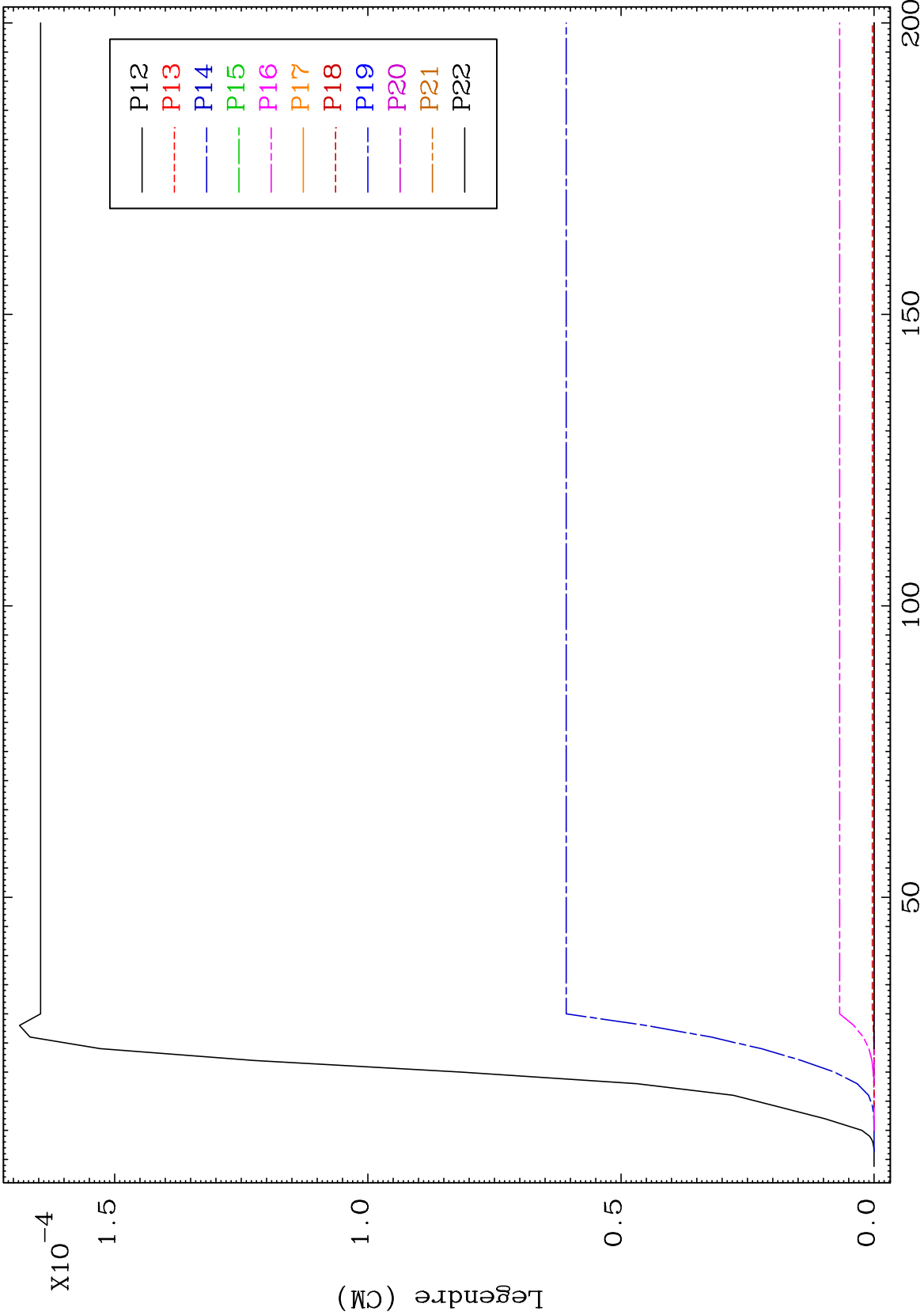


34

35-Br-82

Incident Energy (MeV)

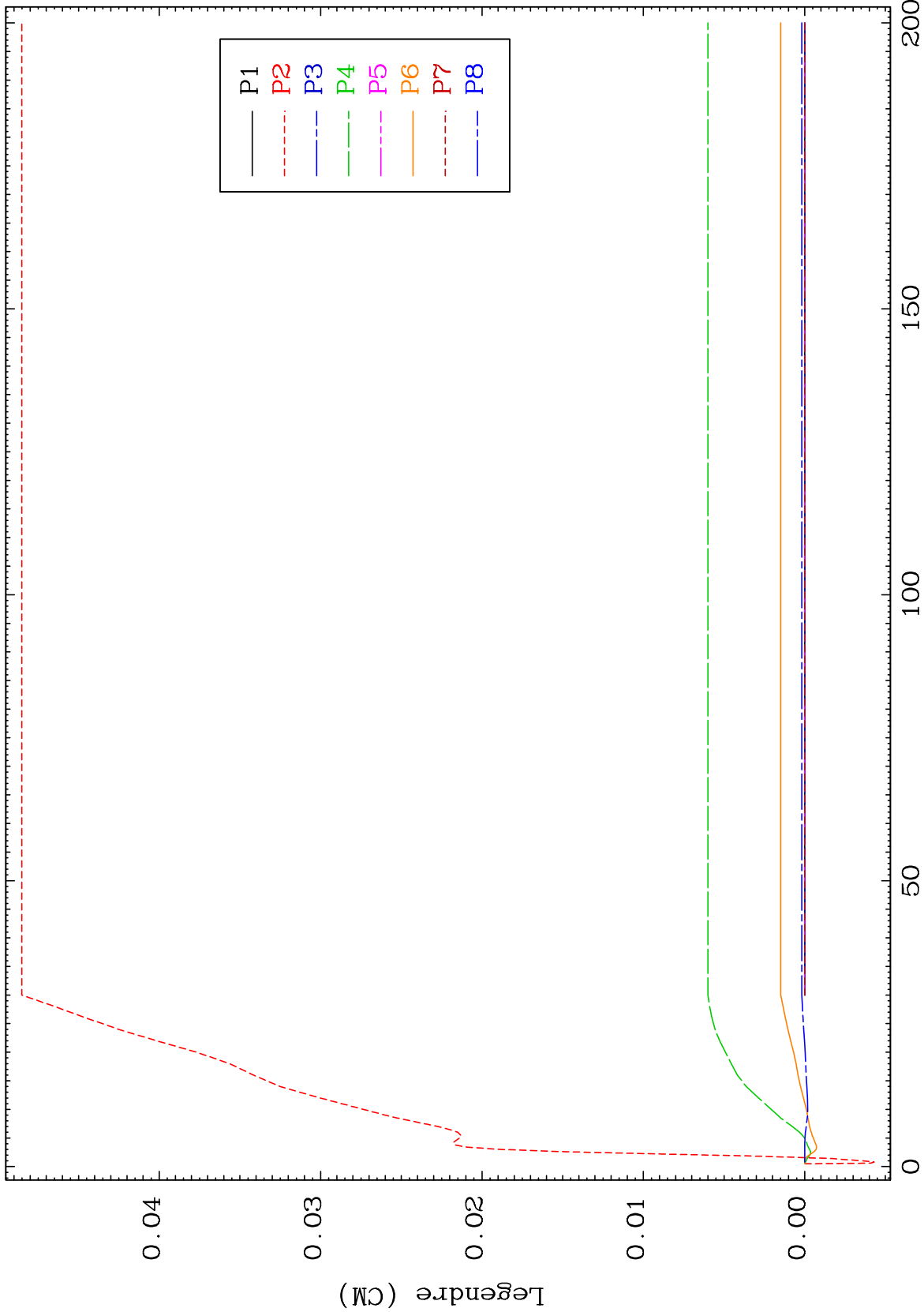




MAT 3534

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

35-Br-82



38

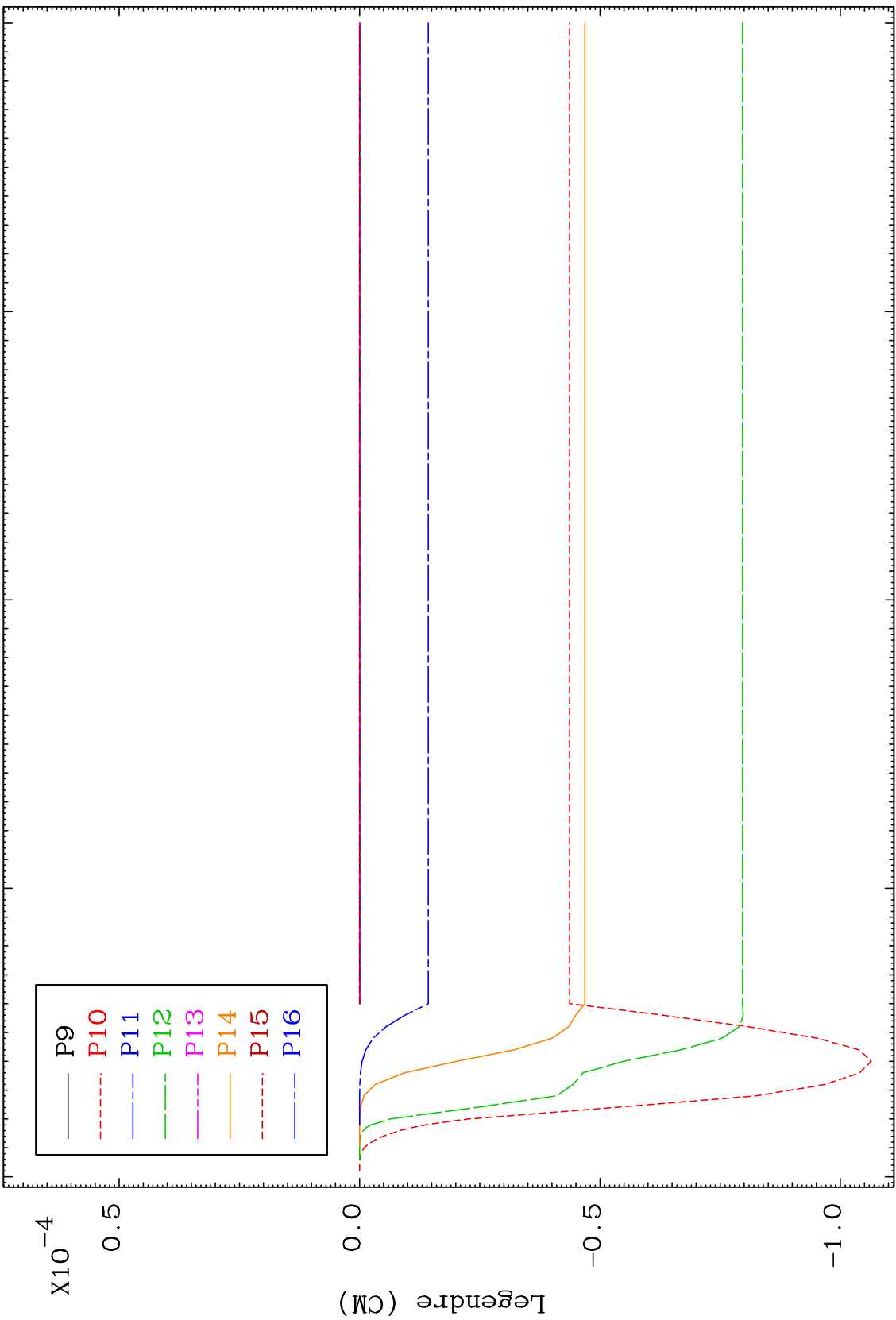
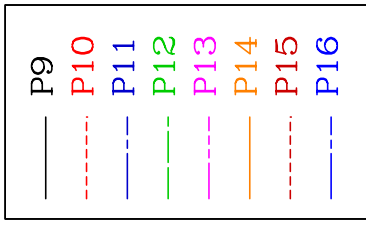
Incident Energy (MeV)

35-Br-82

MAT 3534

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

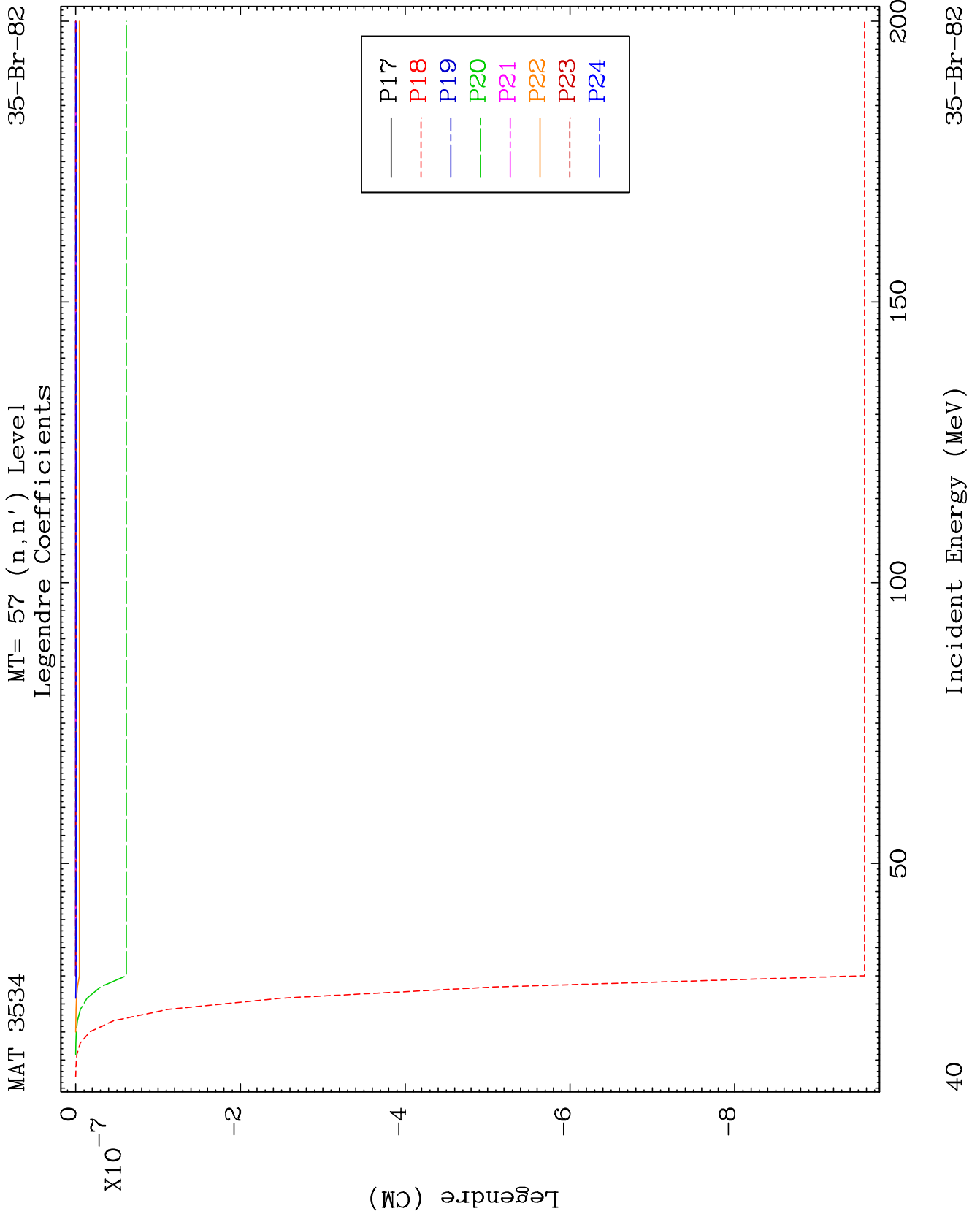
35-Br-82



39

Incident Energy (MeV)

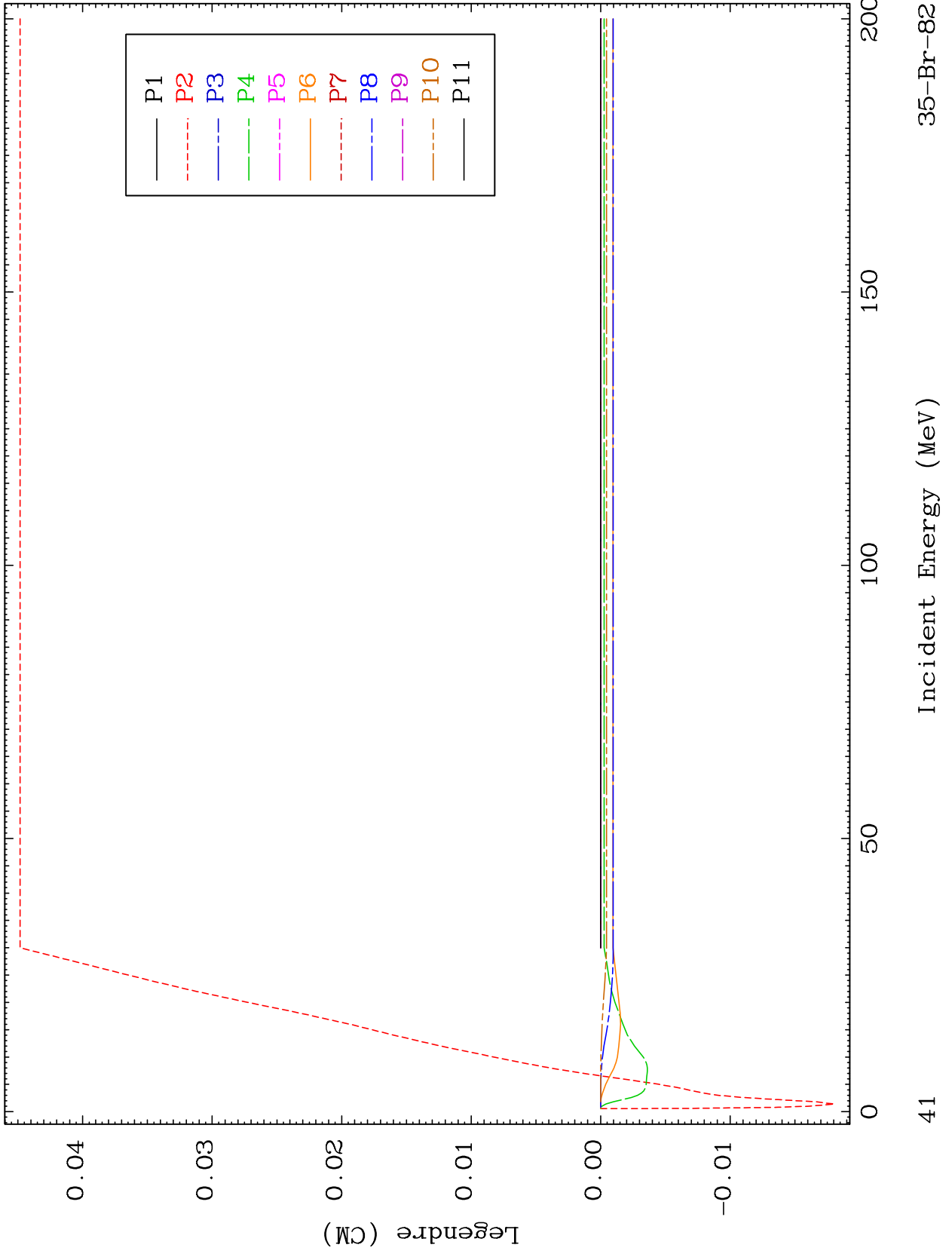
35-Br-82



MAT 3534

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

35-Br-82



41

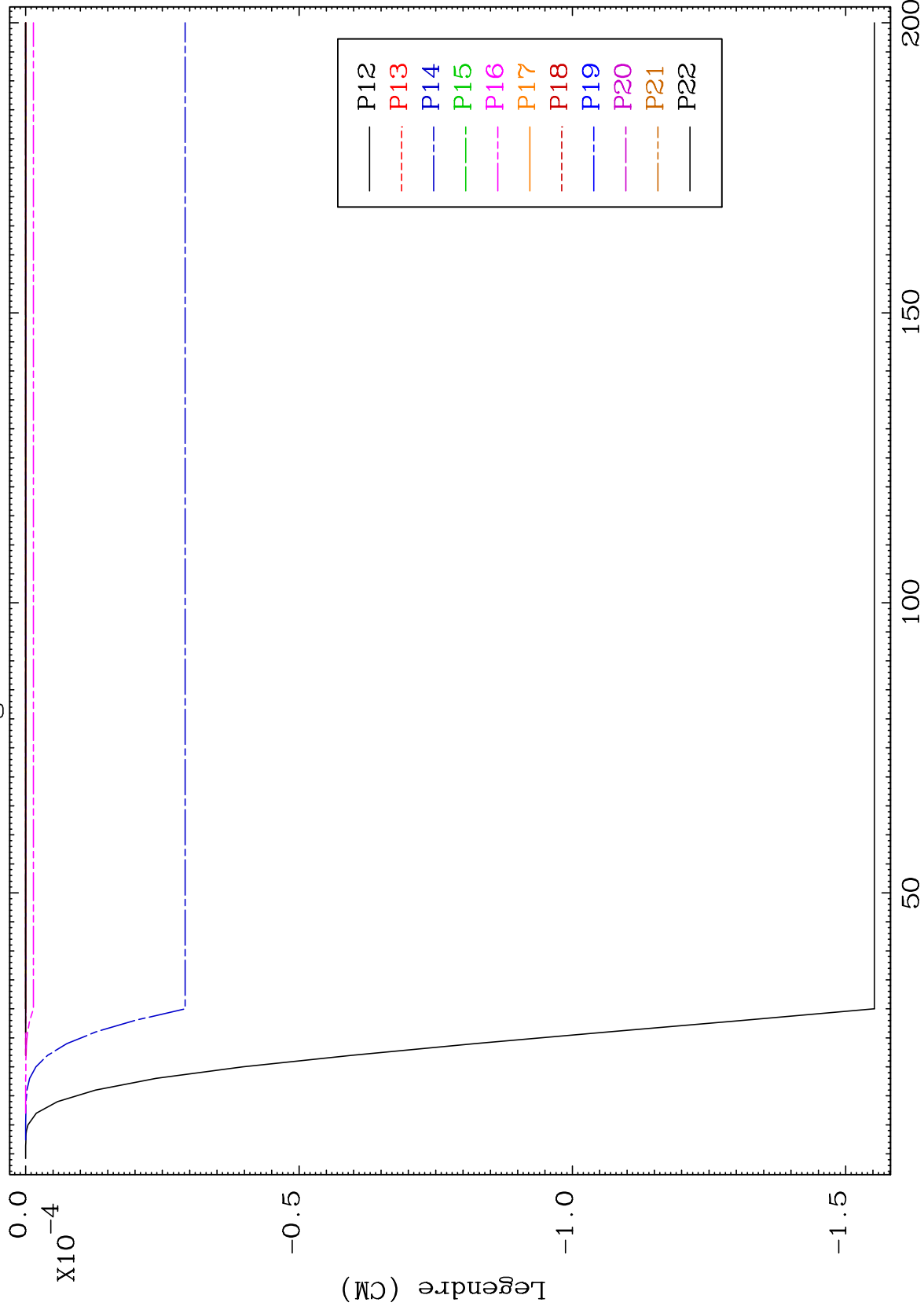
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



42

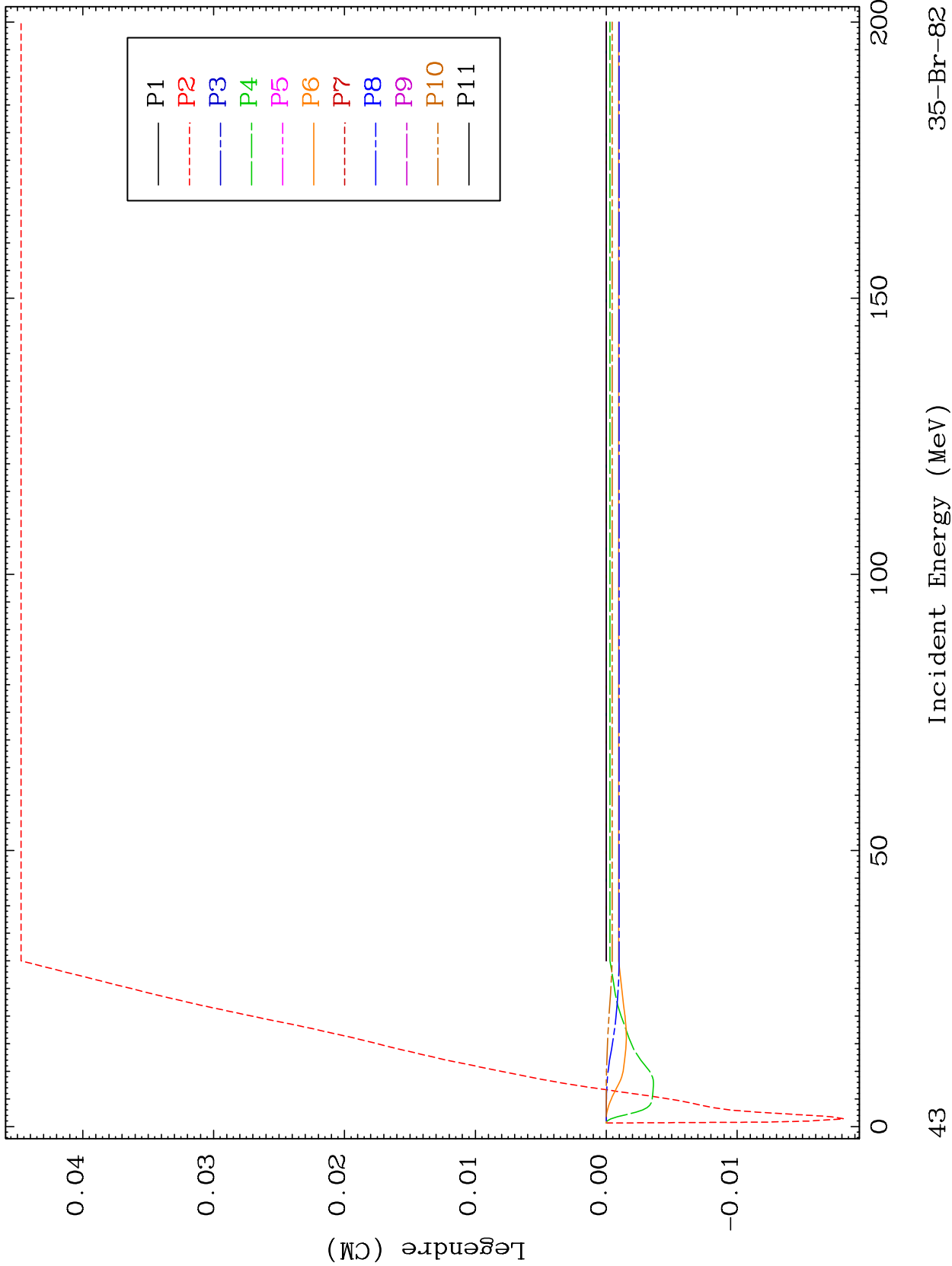
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



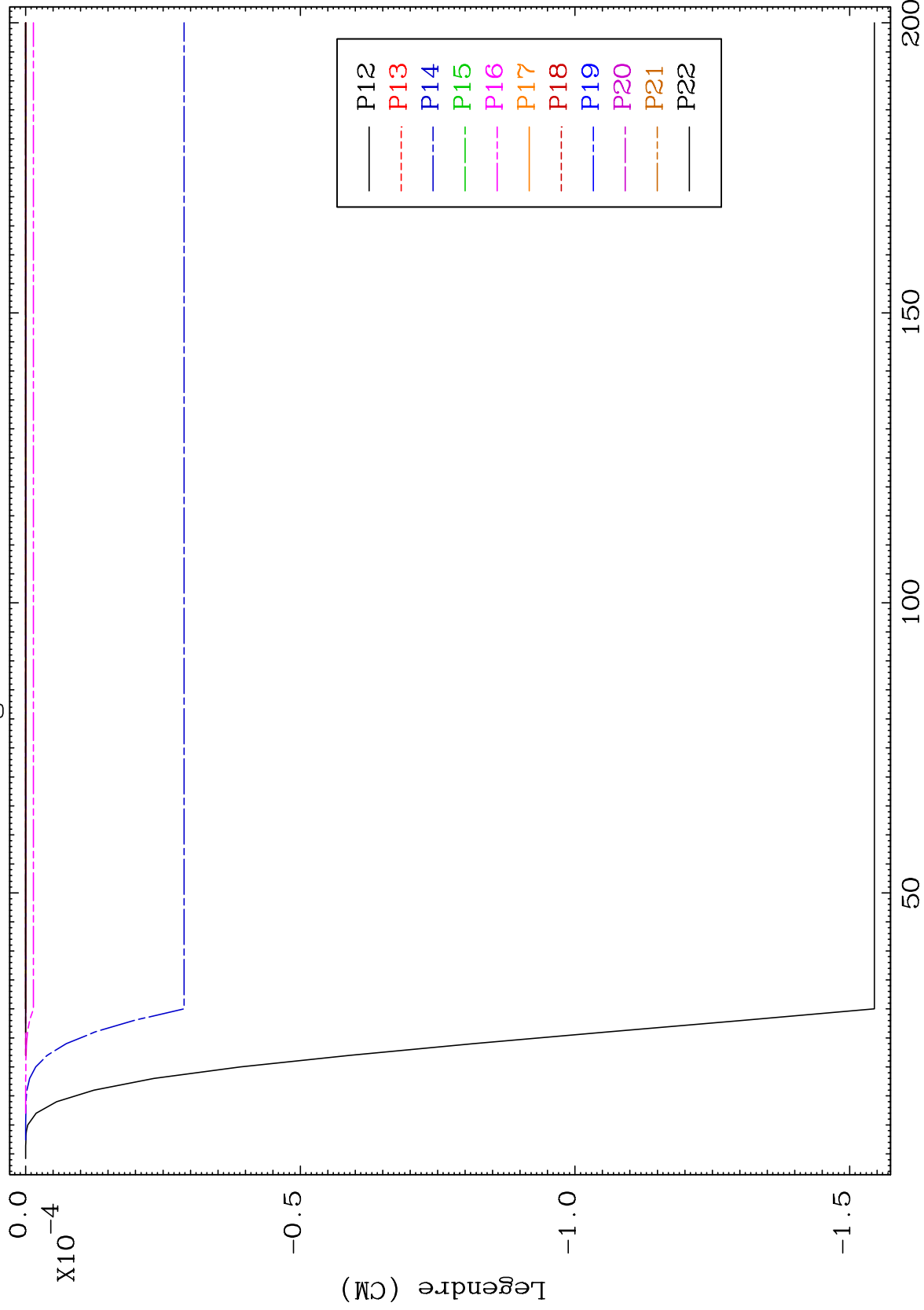
43

35-Br-82

MAT 3534

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

35-Br-82



44

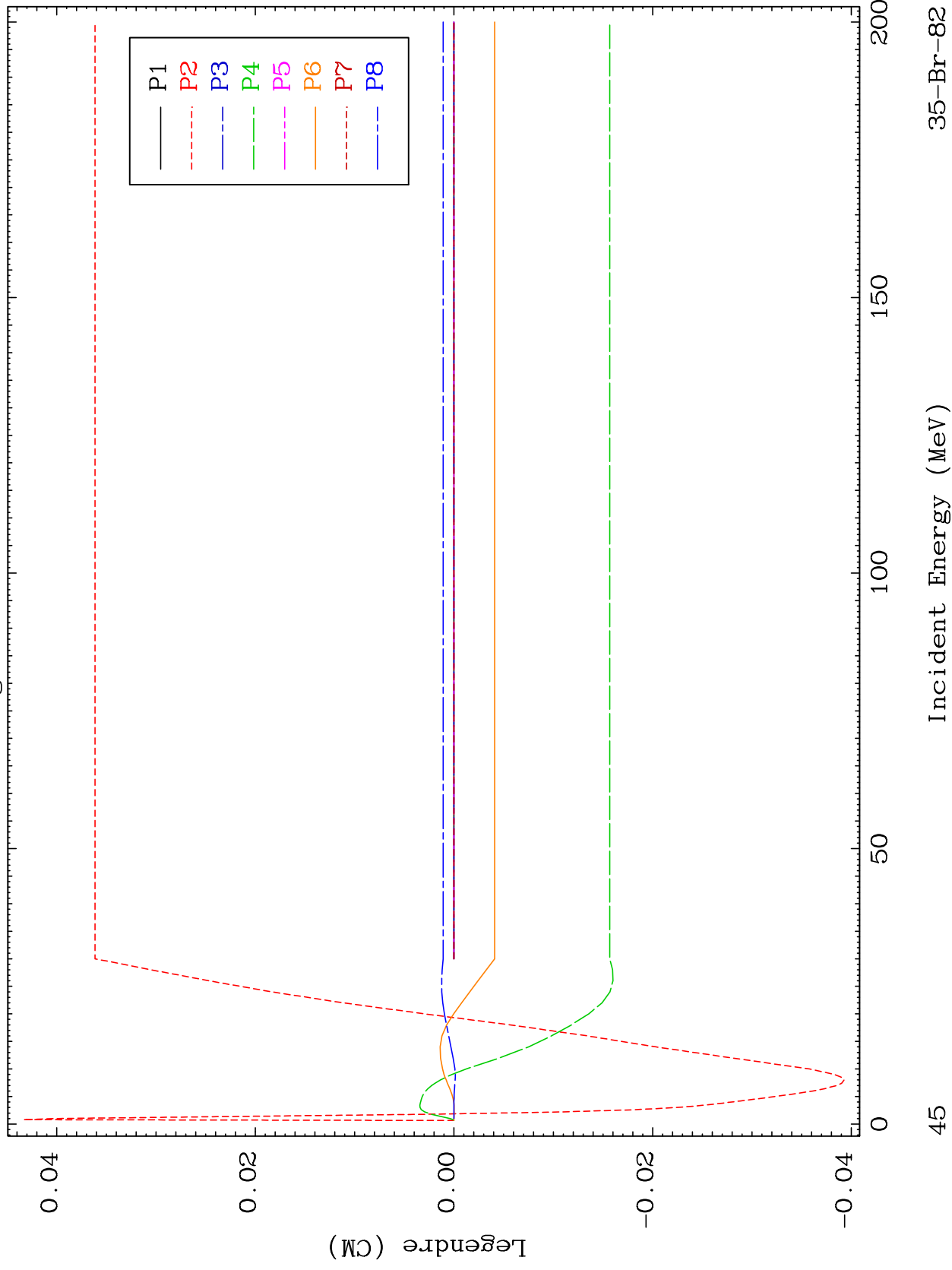
Incident Energy (MeV)

35-Br-82

MAT 3534

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

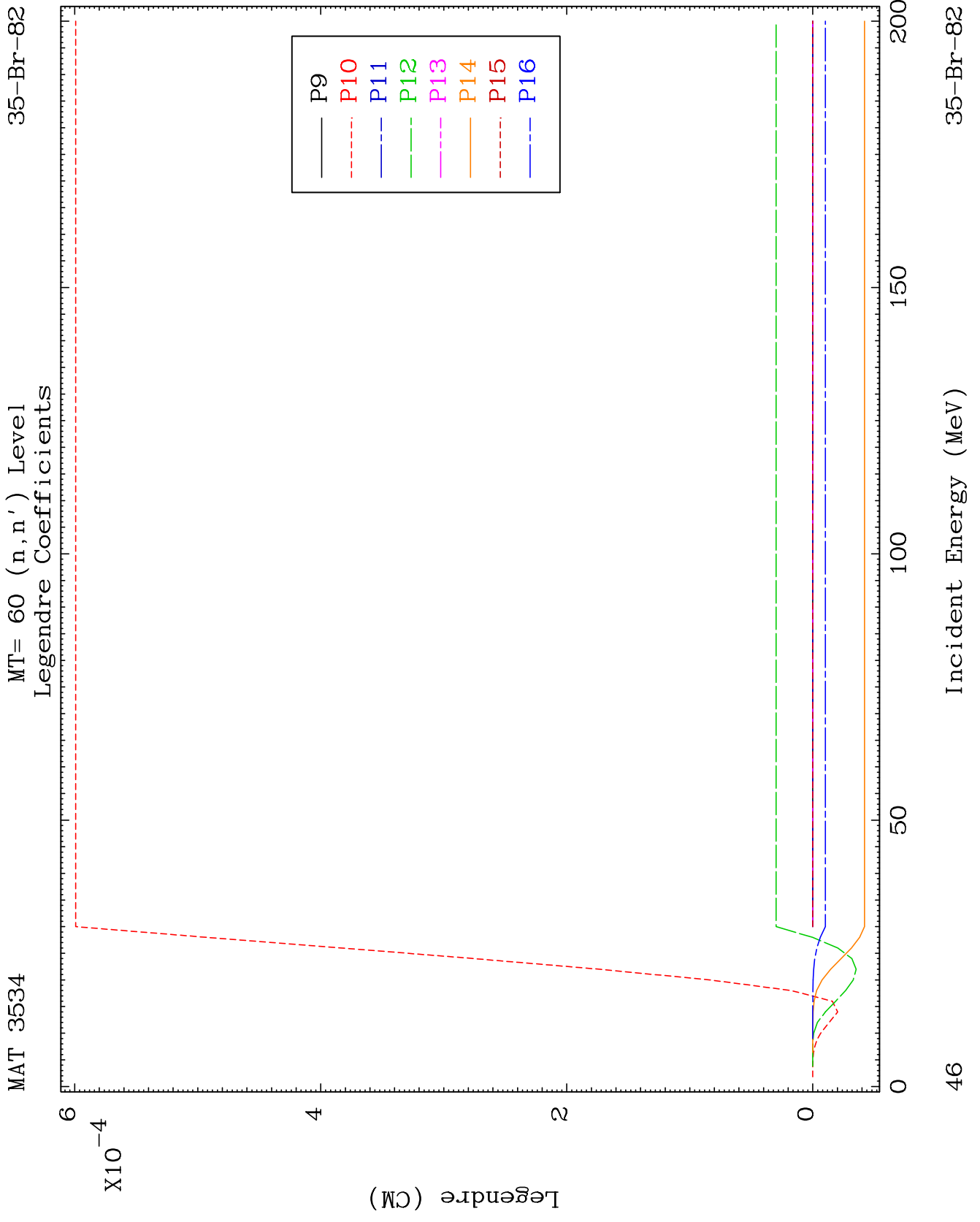
35-Br-82



35-Br-82

Incident Energy (MeV)

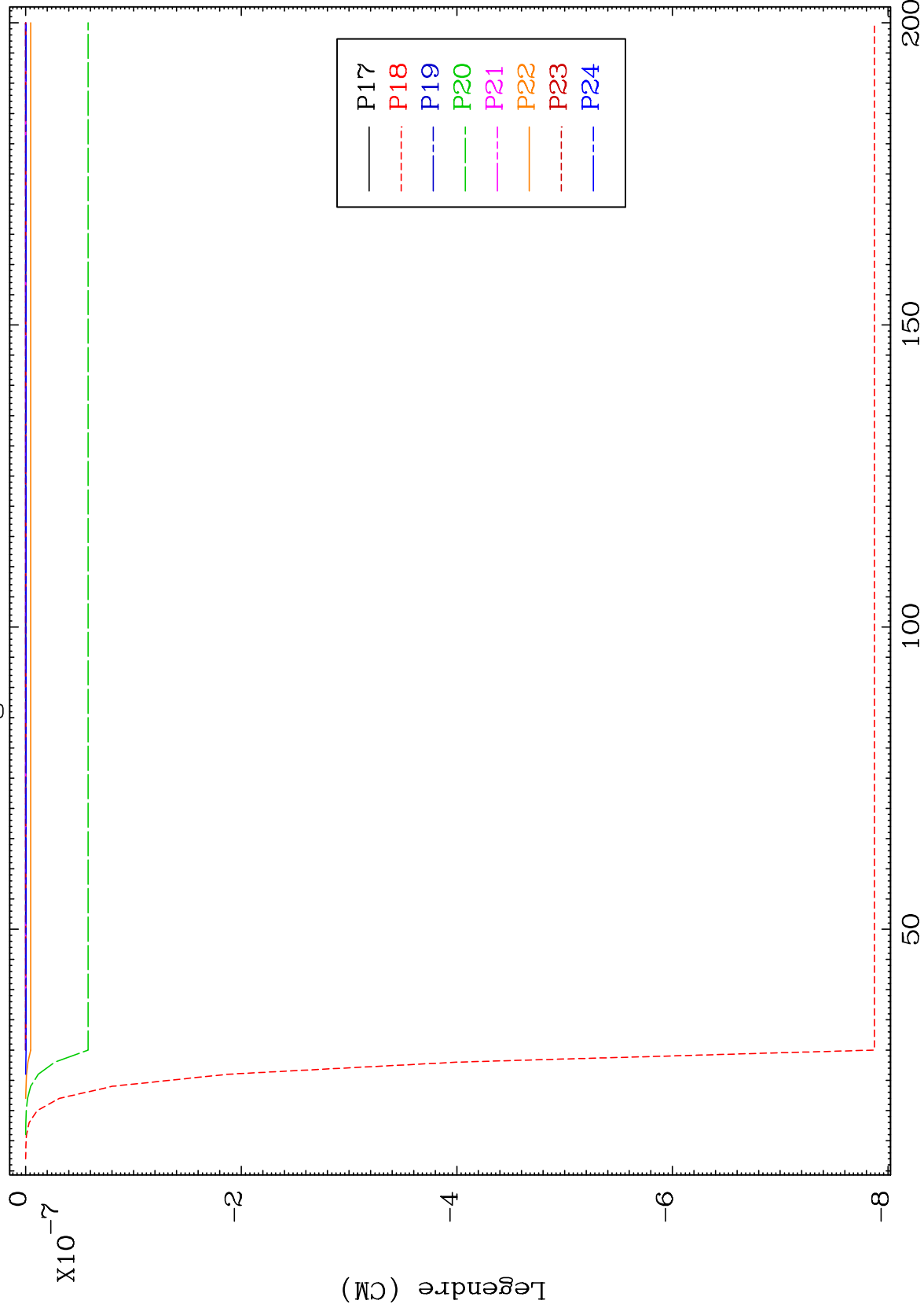
45



MAT 3534

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

35-Br-82



35-Br-82

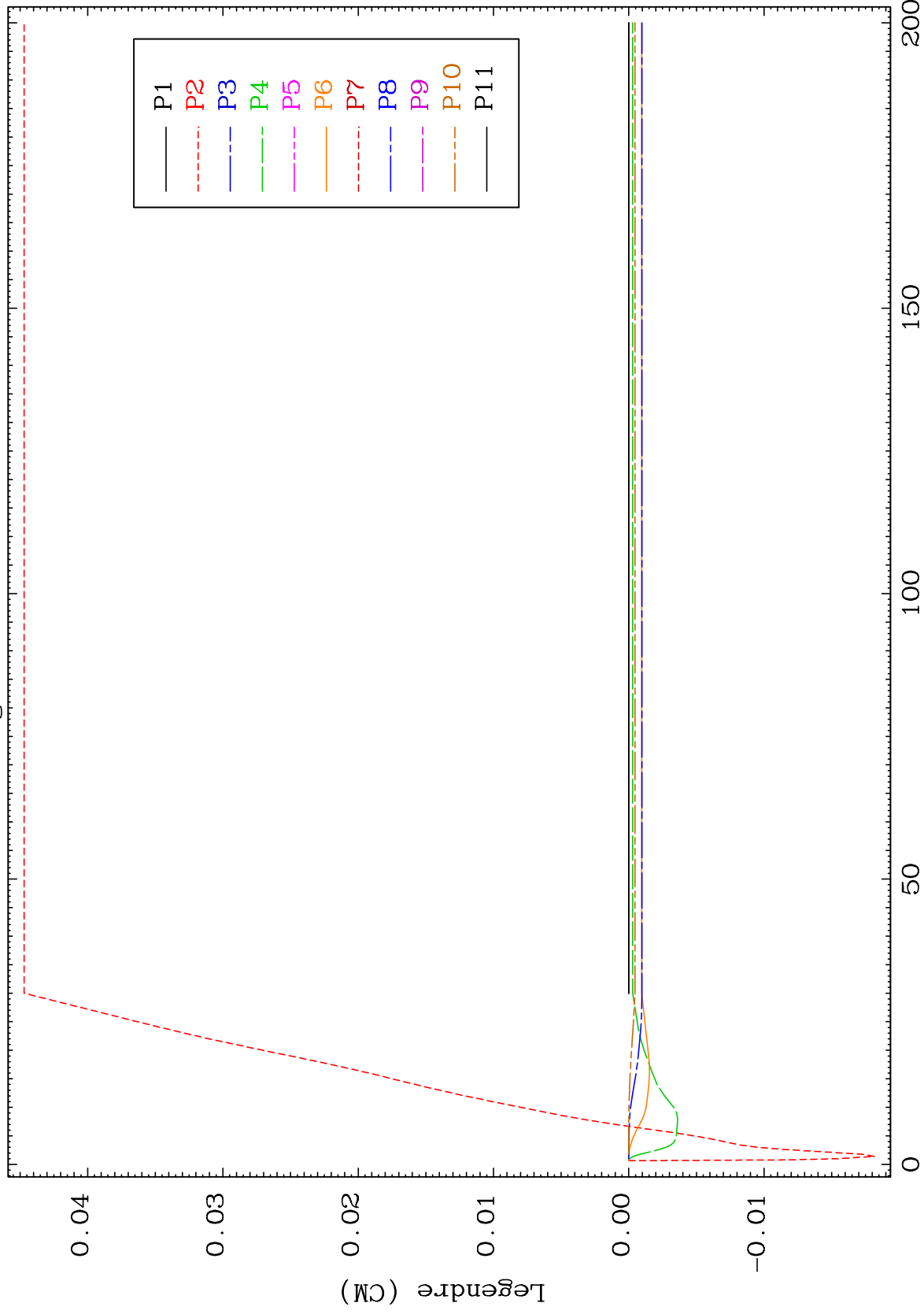
Incident Energy (MeV)

47

MAT 3534

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

35-Br-82



48

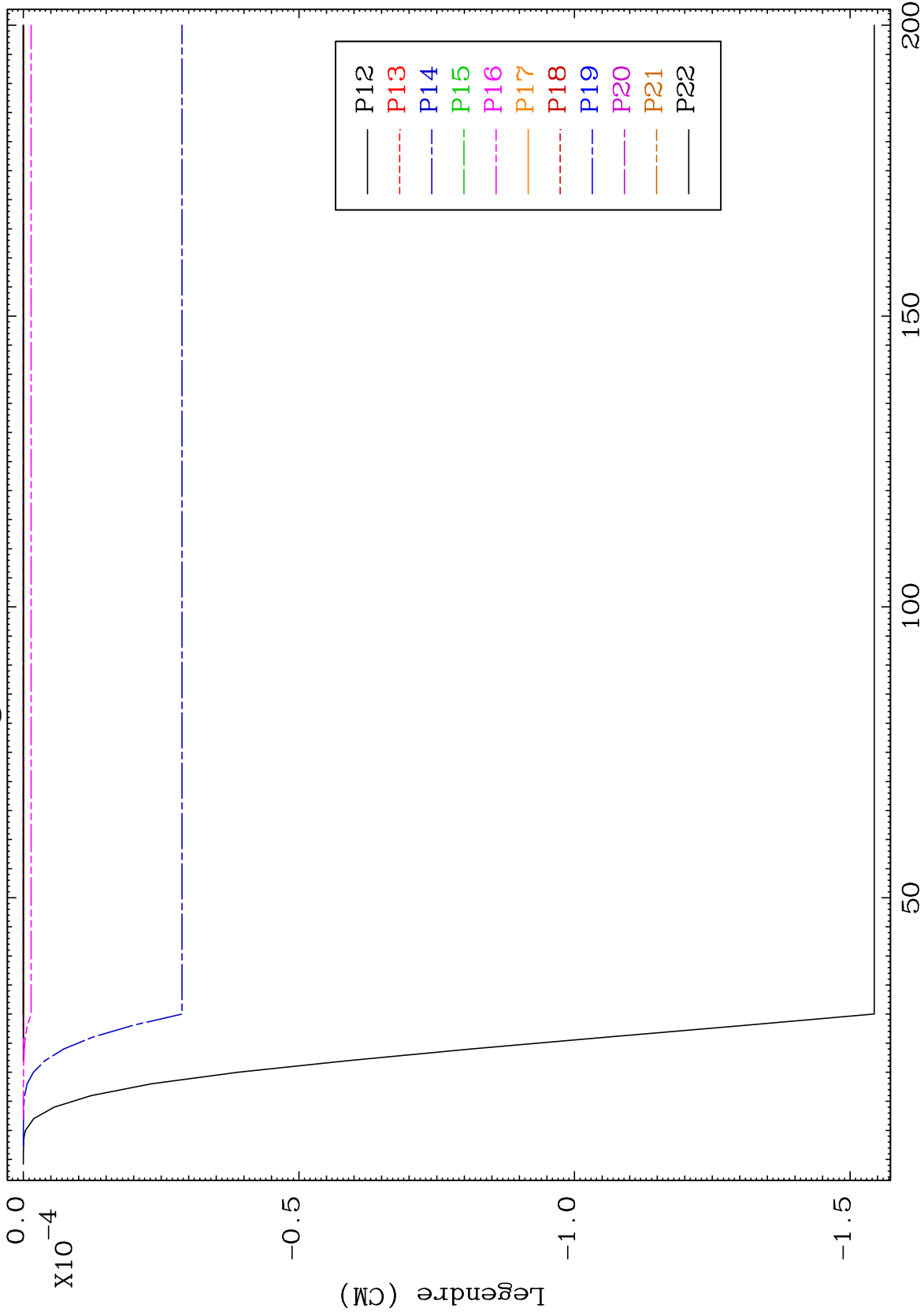
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



49

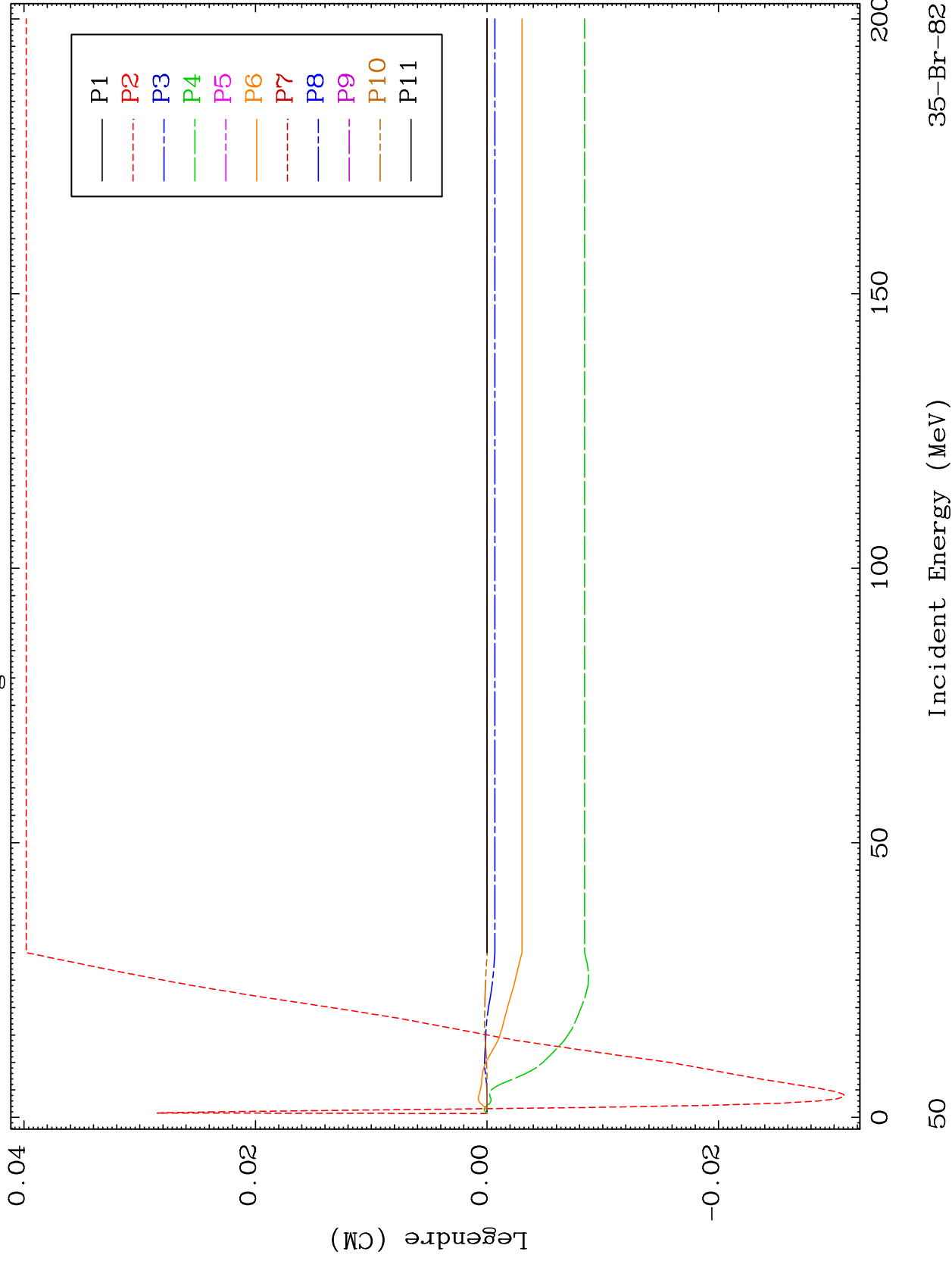
Incident Energy (MeV)

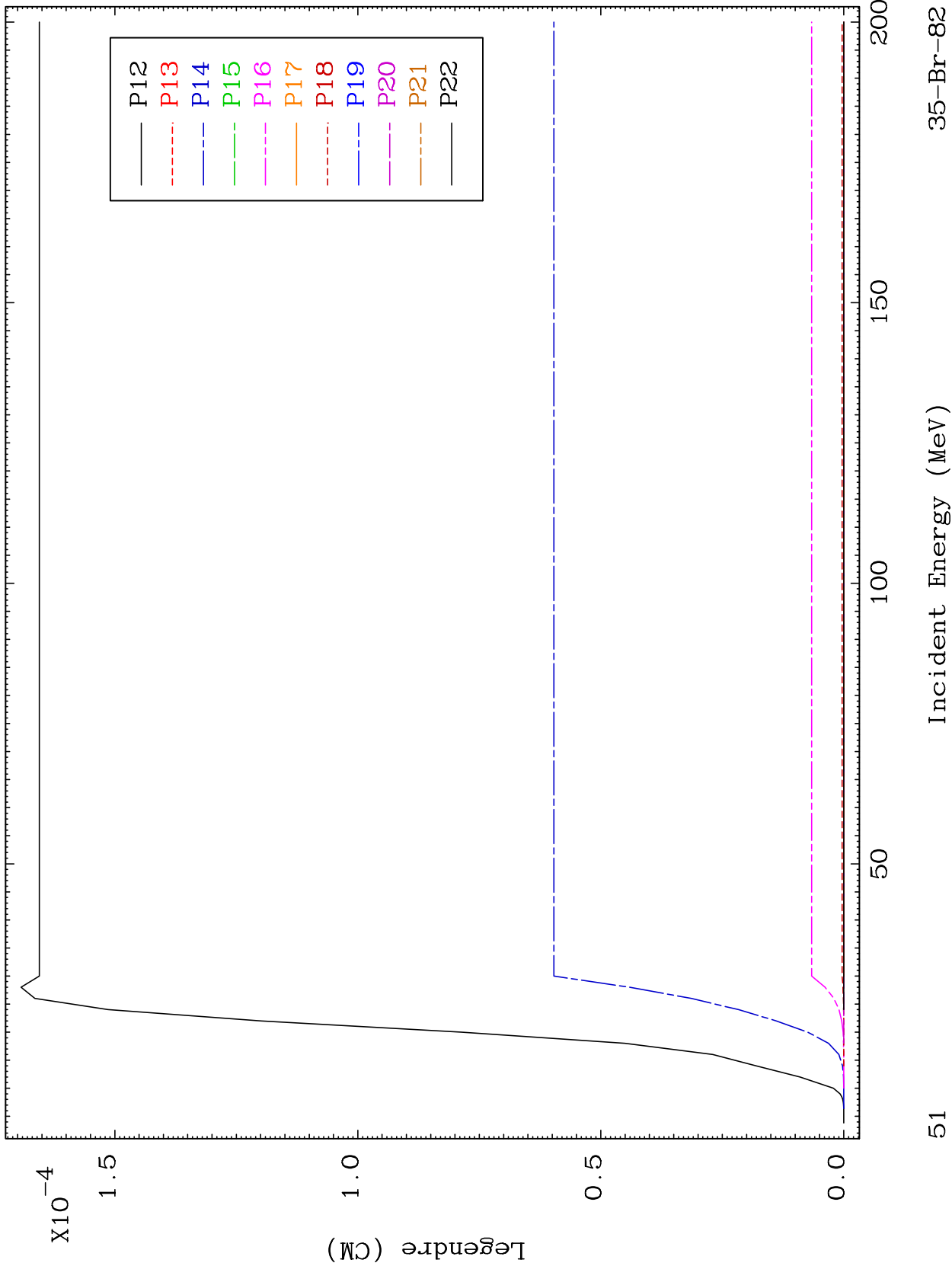
35-Br-82

MAT 3534

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

35-Br-82

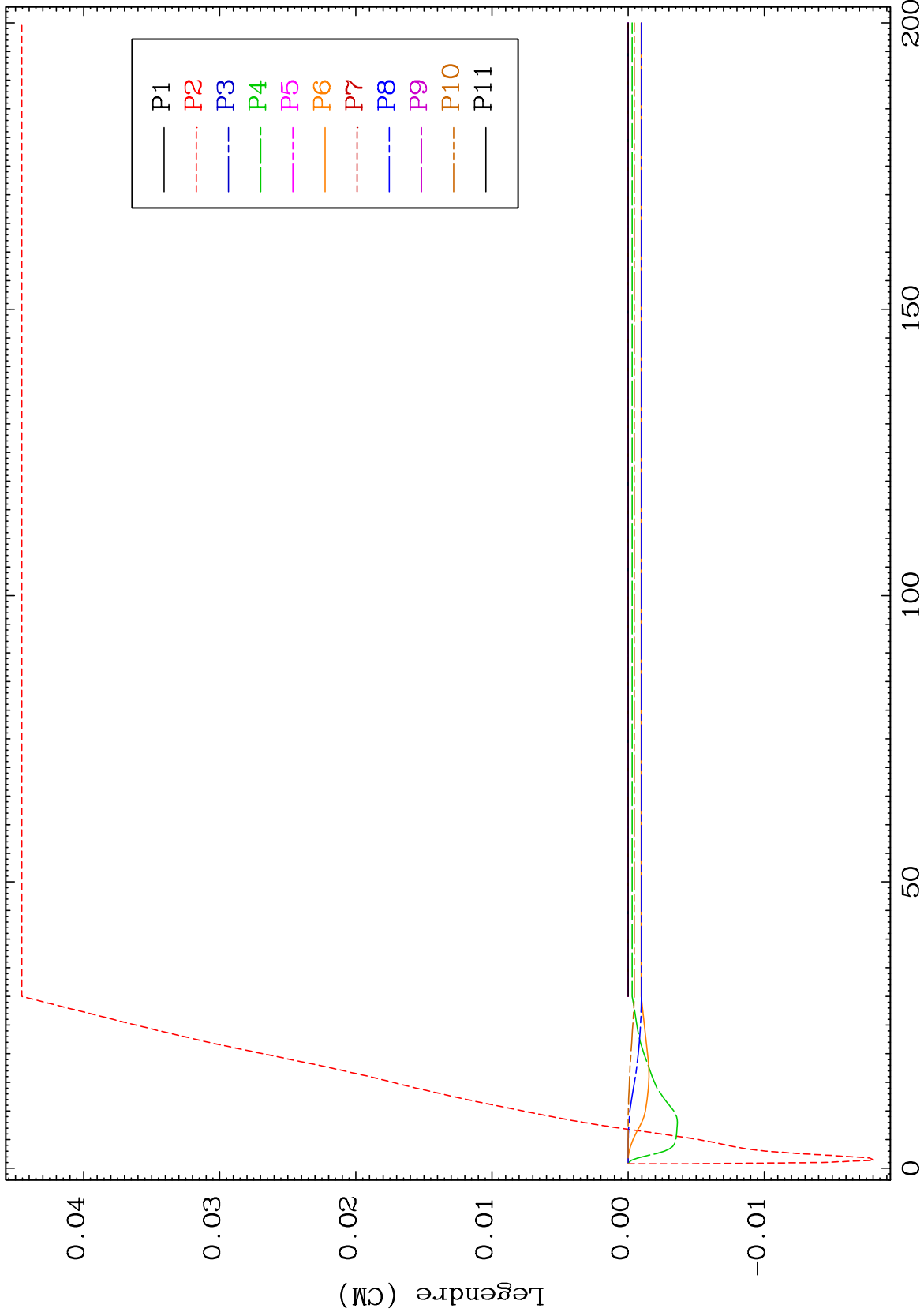




MAT 3534

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

35-Br-82



52

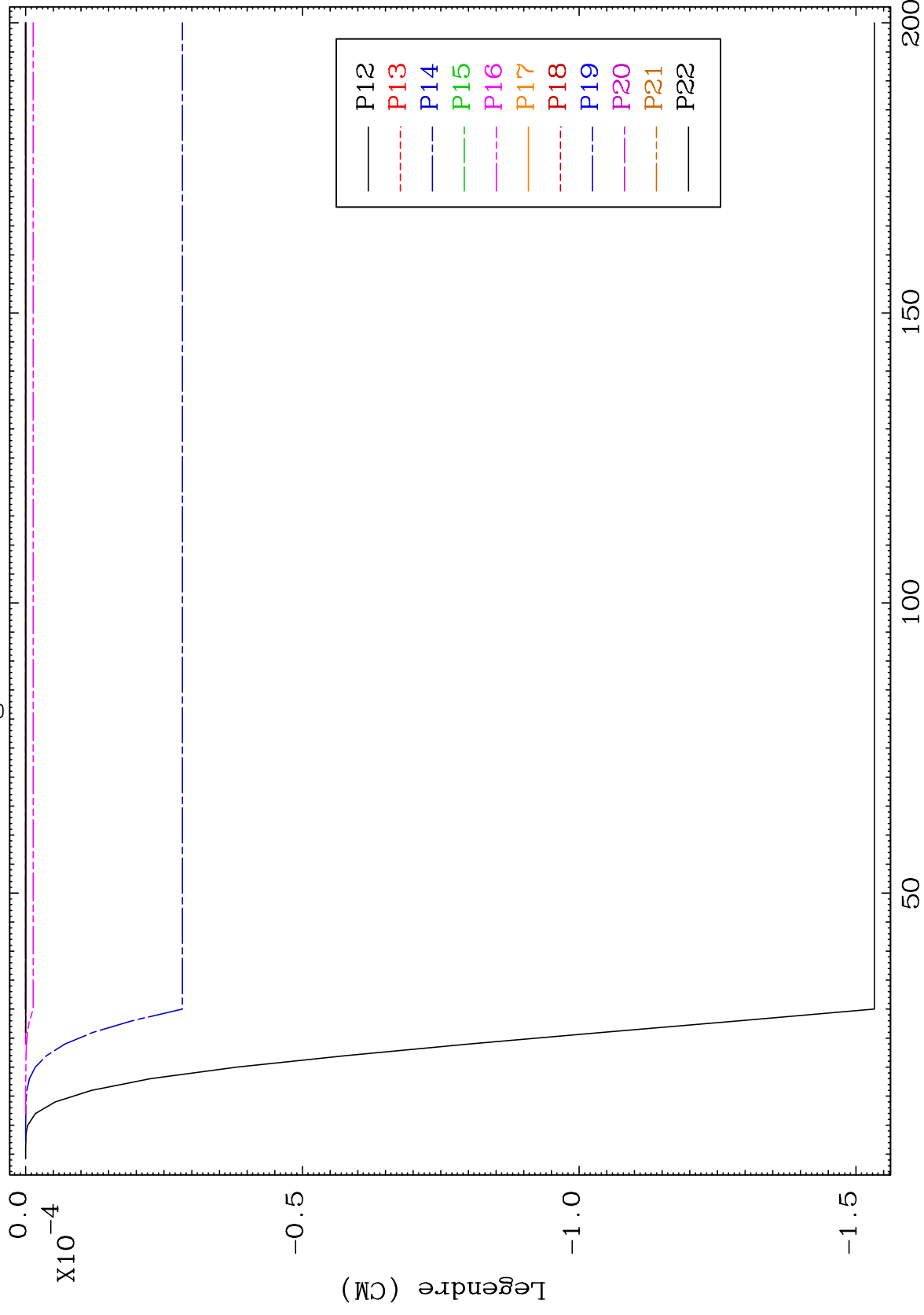
Incident Energy (MeV)

35-Br-82

MAT 3534

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

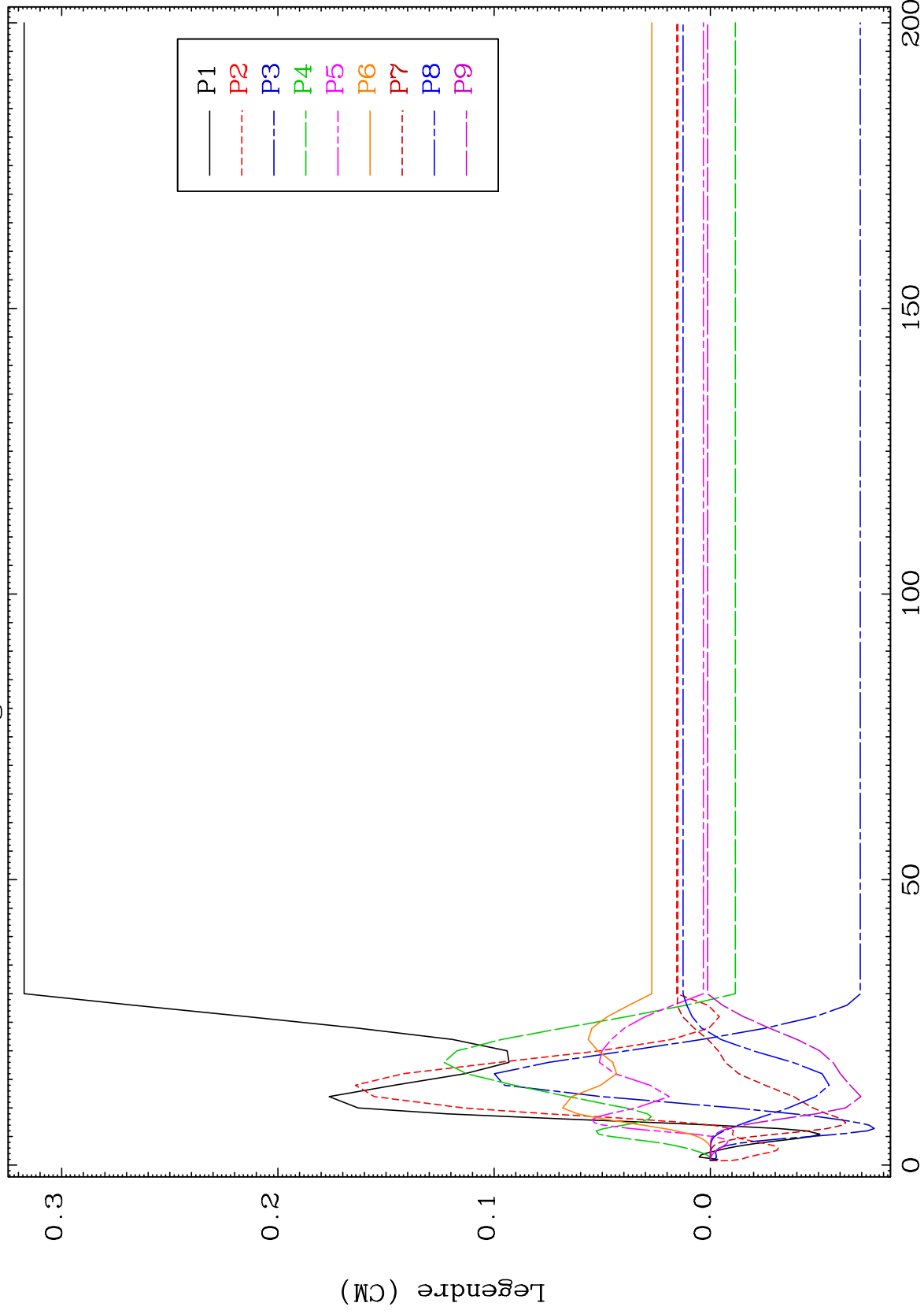
35-Br-82



MAT 3534

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

35-Br-82



54

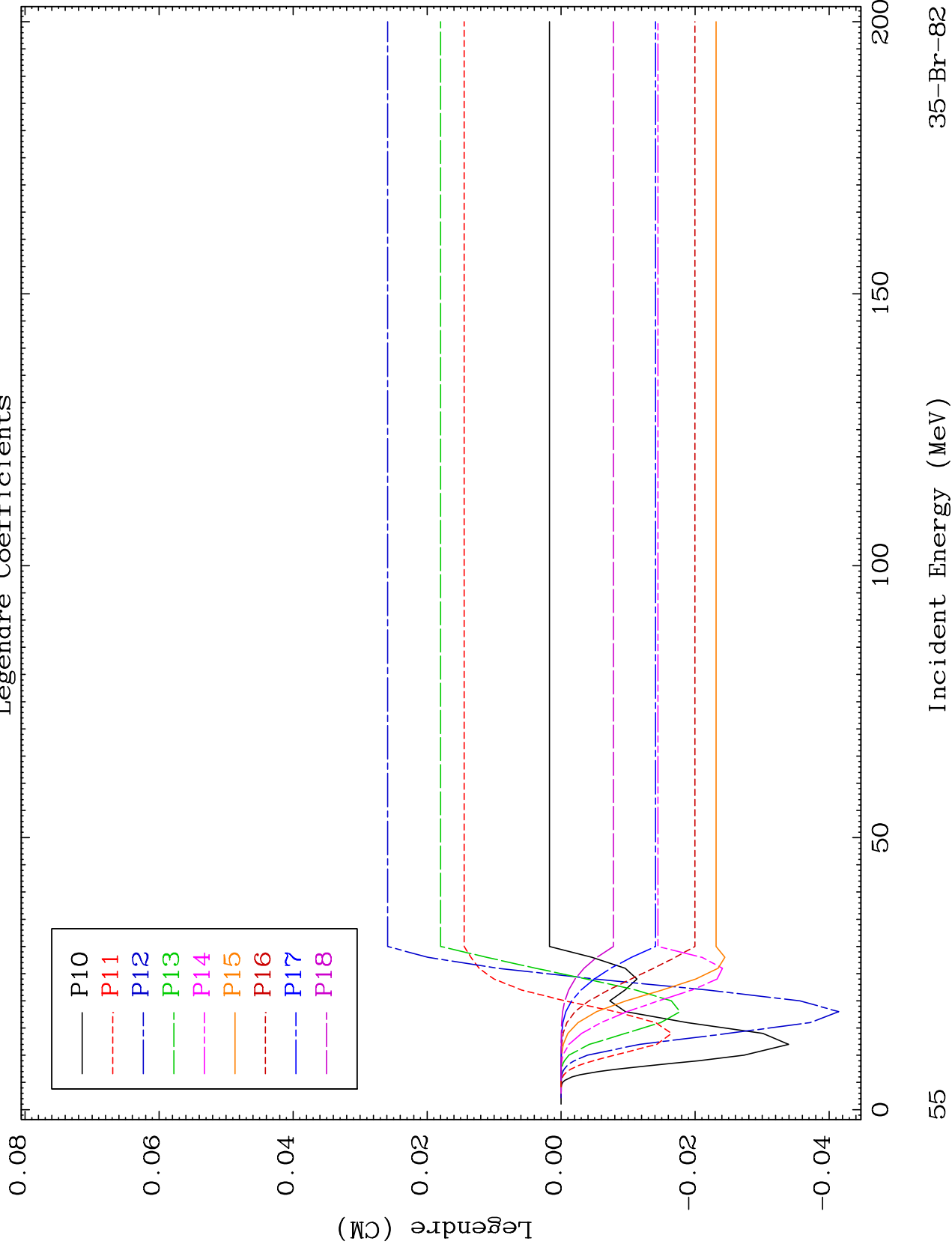
Incident Energy (MeV)

35-Br-82

MAT 3534

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

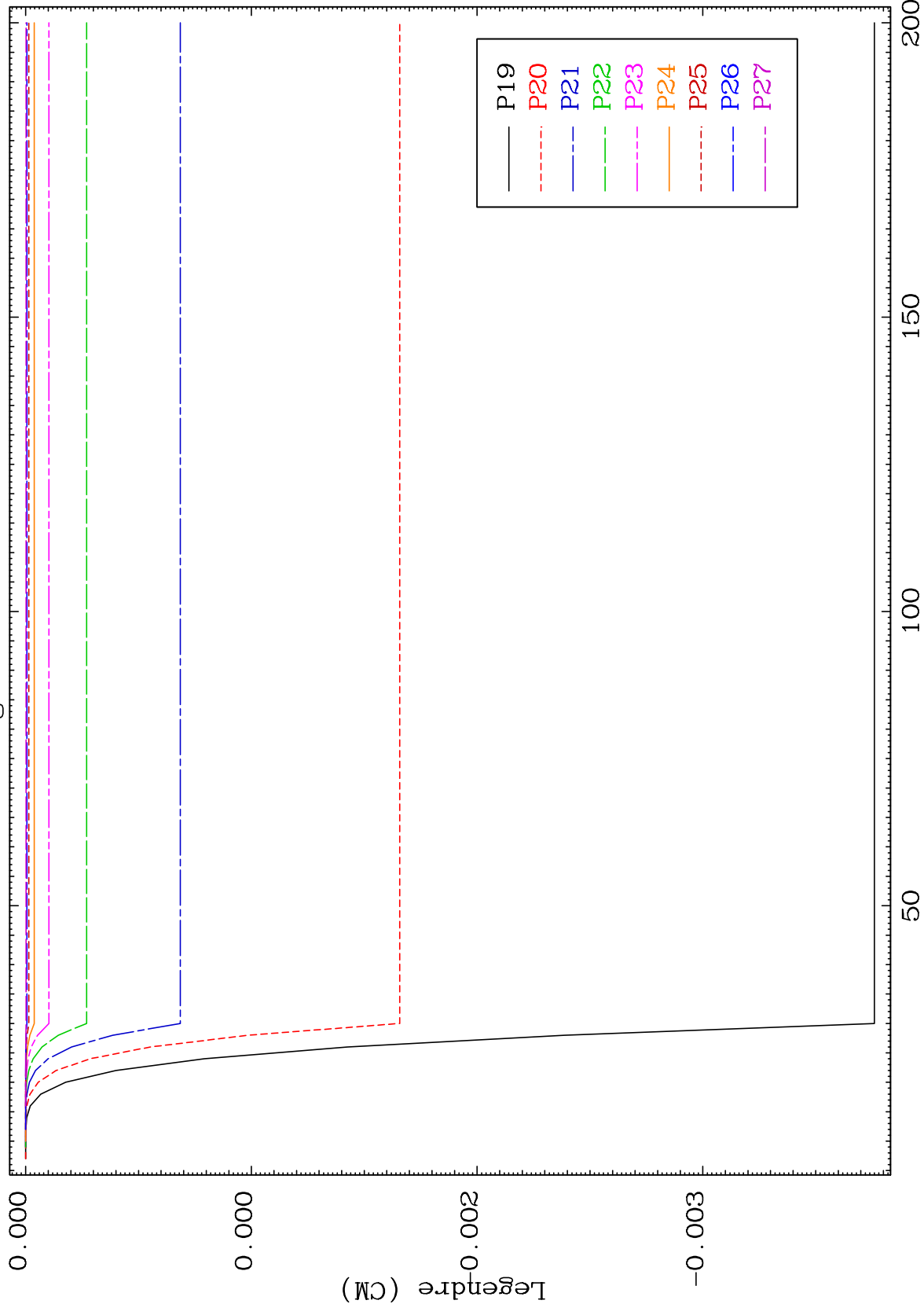
35-Br-82

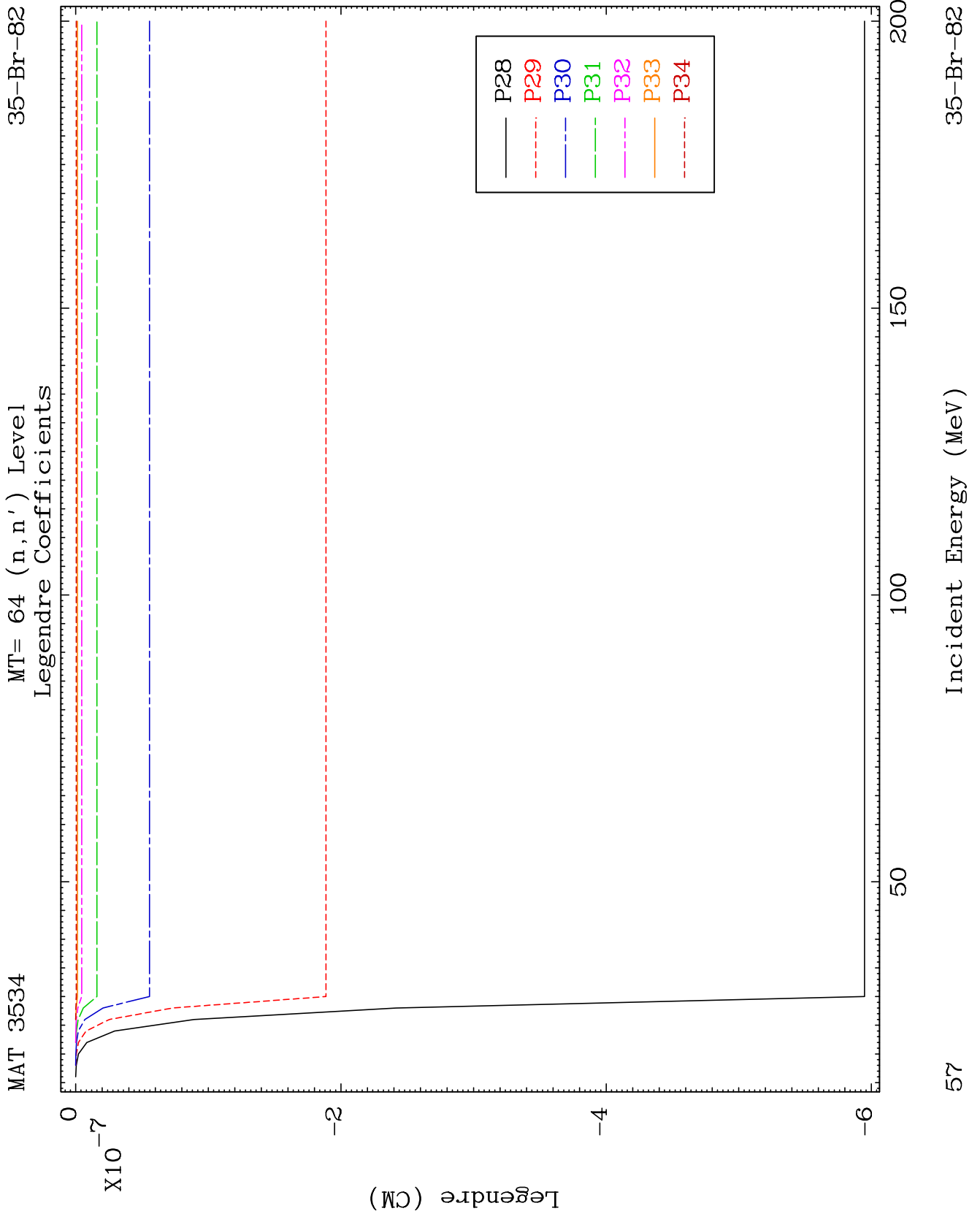


35-Br-82

Incident Energy (MeV)

55

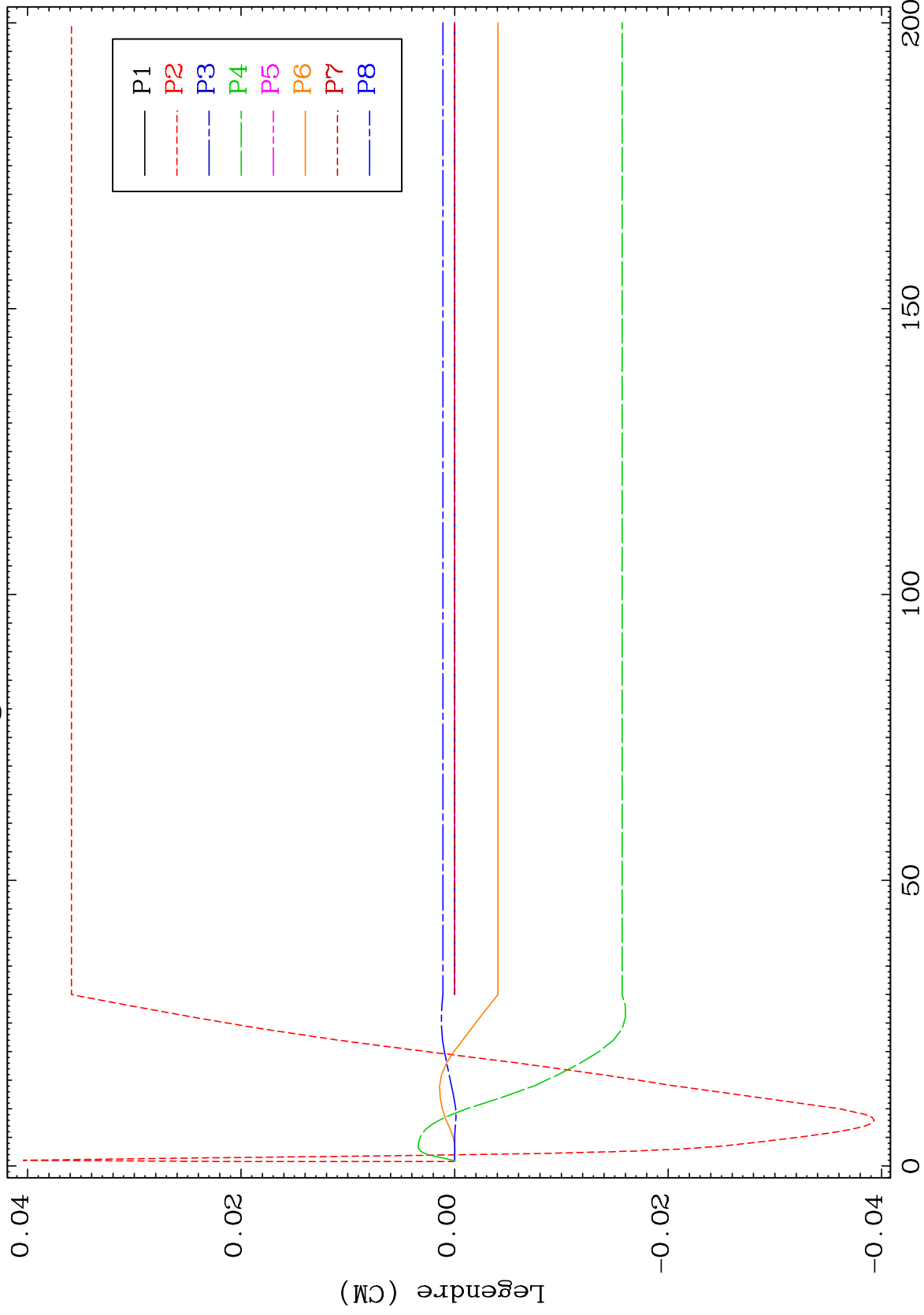




MAT 3534

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

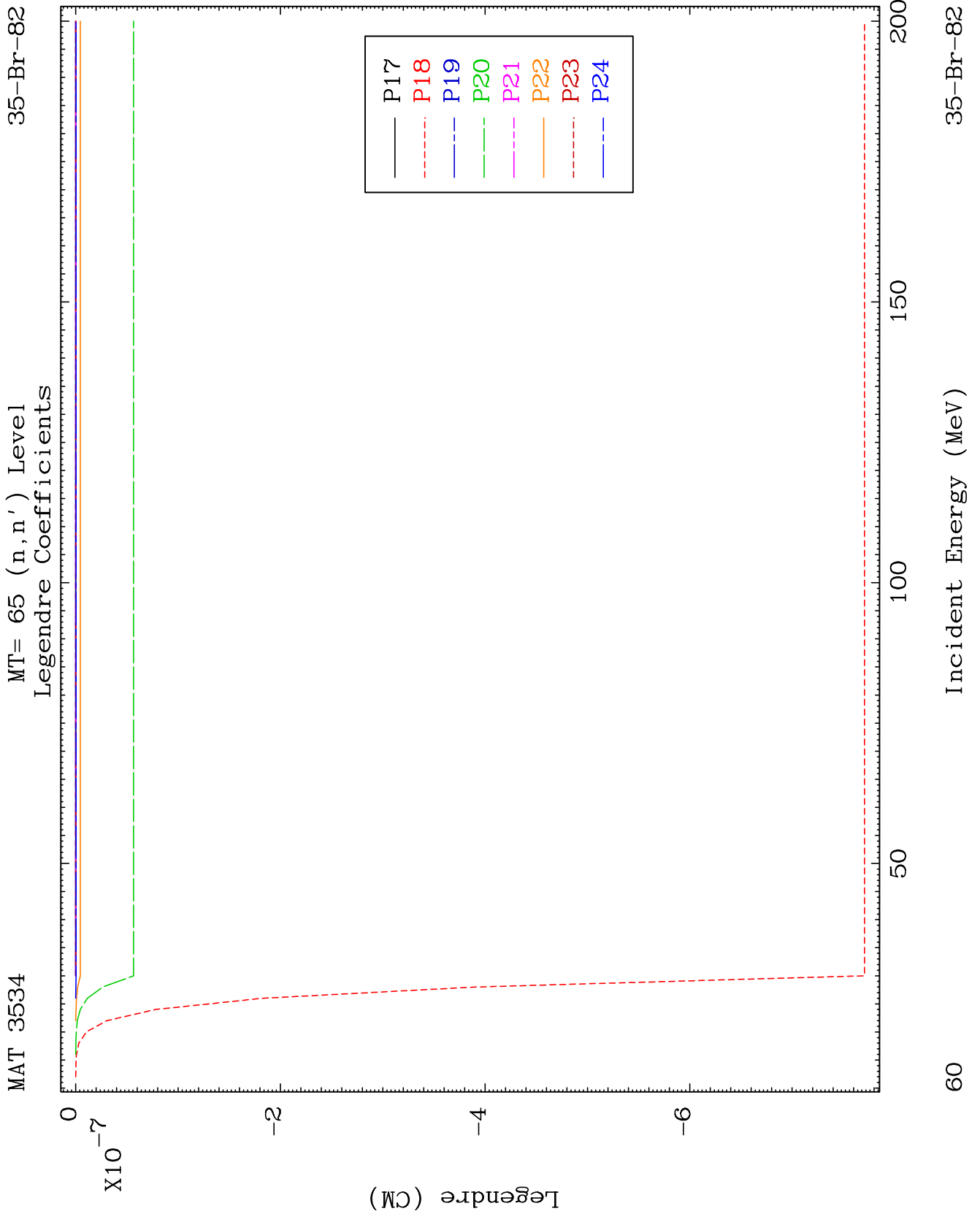
35-Br-82



58

Incident Energy (MeV)

35-Br-82



MAT 3534

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

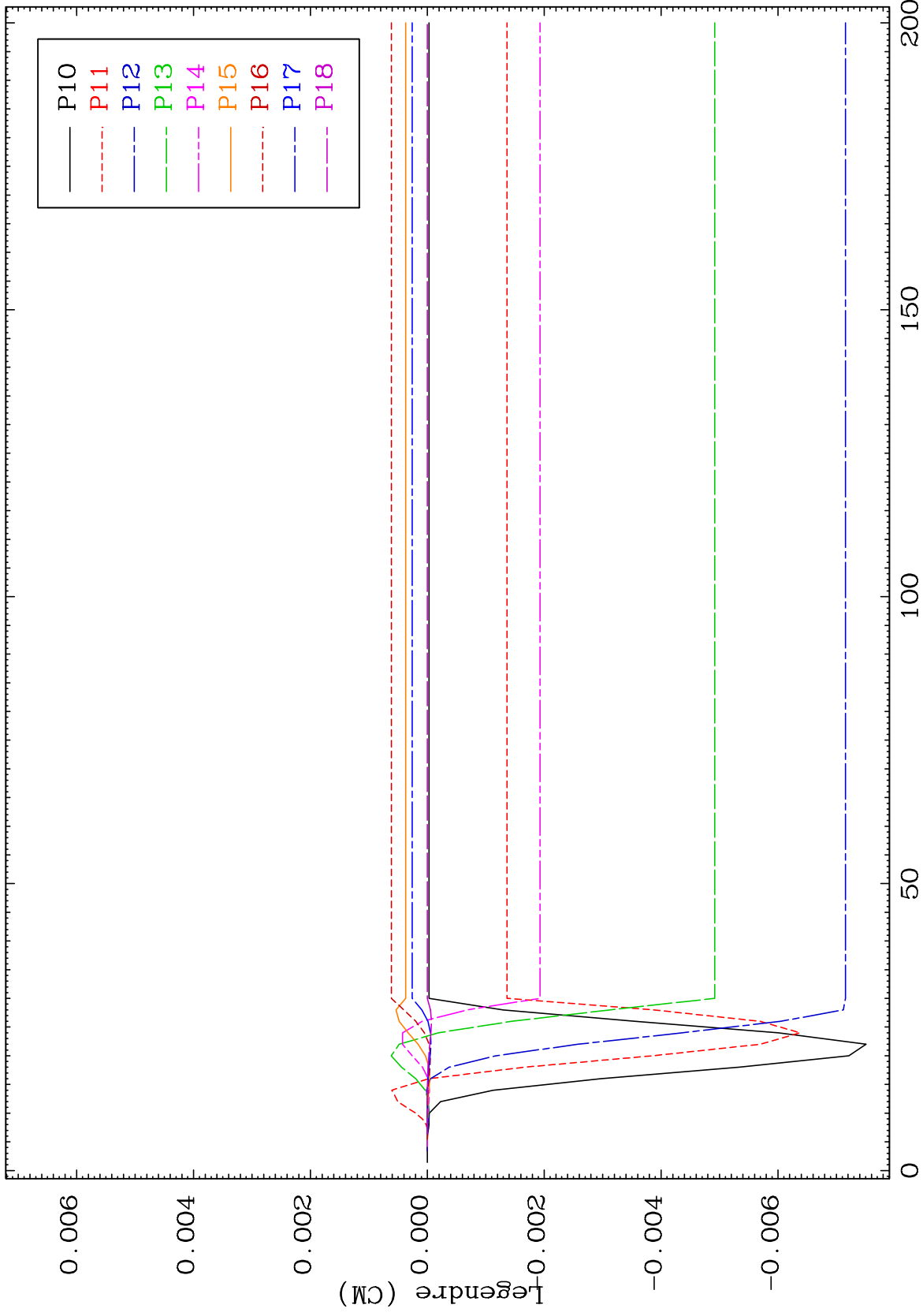
35-Br-82



MAT 3534

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

35-Br-82



62

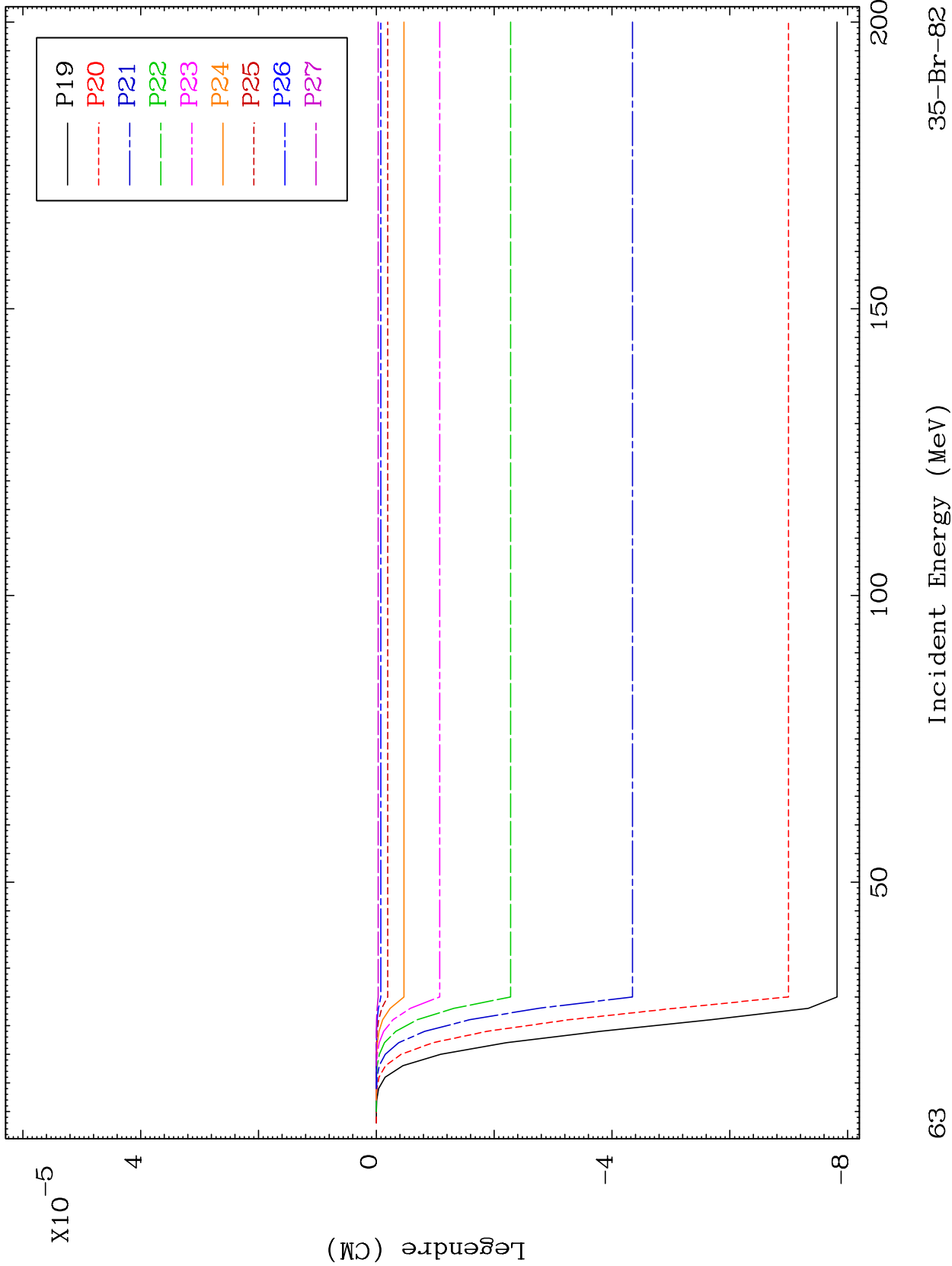
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



63

Incident Energy (MeV)

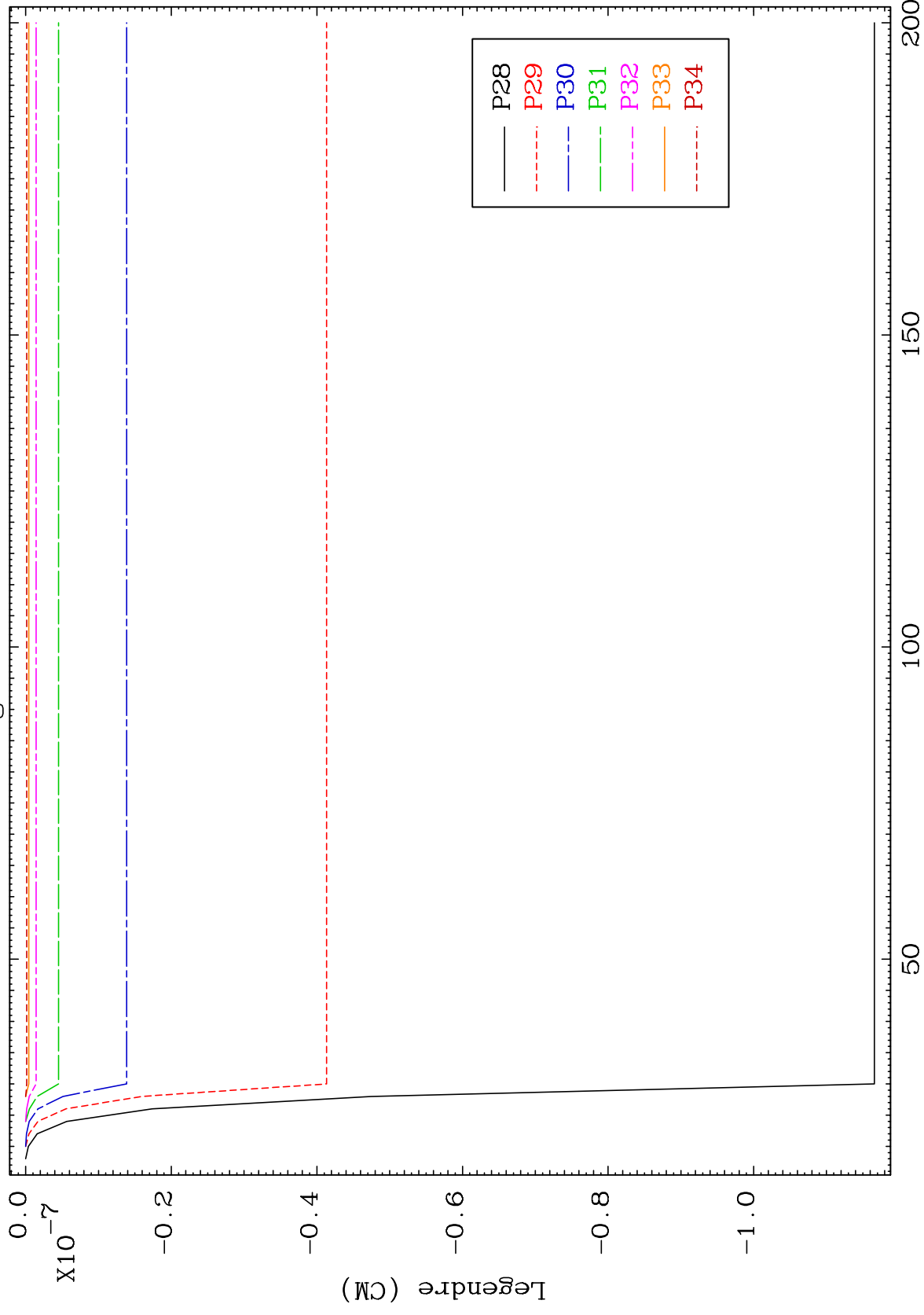
35-Br-82

MAT 3534

MT= 66 (n,n') Level

35-Br-82

Legendre Coefficients



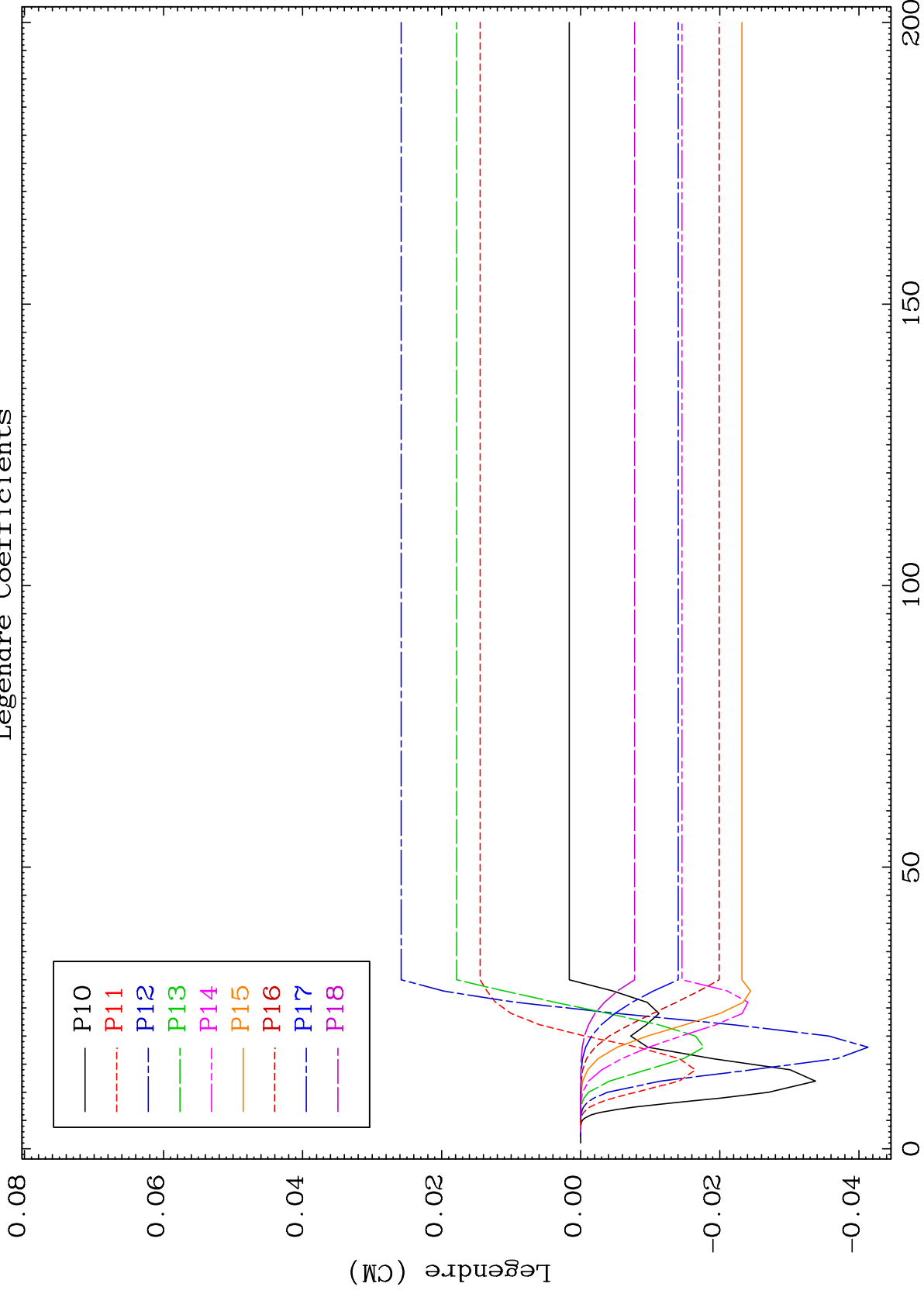
64

35-Br-82

MAT 3534

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

35-Br-82



66

Incident Energy (MeV)

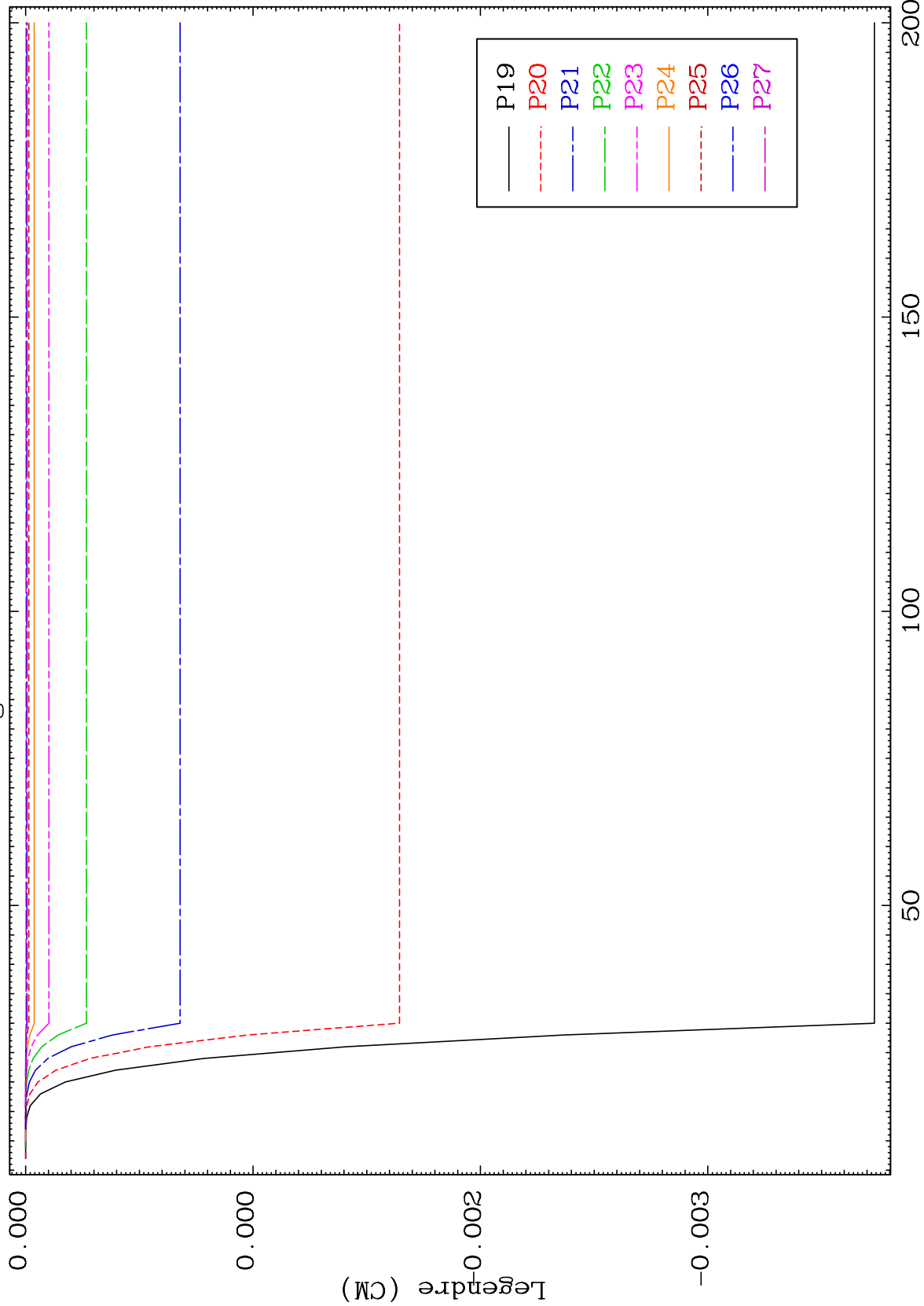
35-Br-82

MAT 3534

MT= 67 (n,n') Level

35-Br-82

Legendre Coefficients



35-Br-82

Incident Energy (MeV)

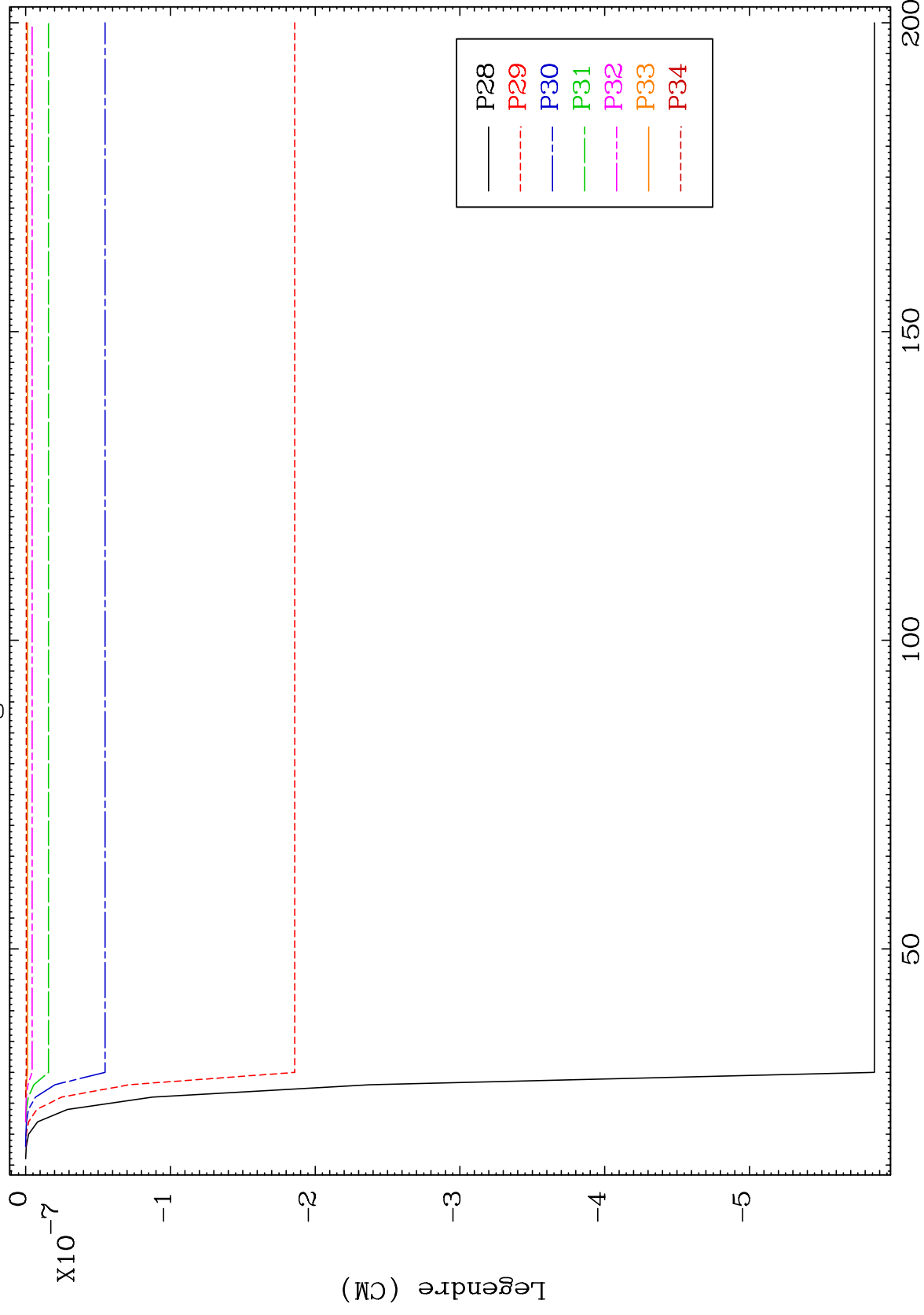
67

MAT 3534

MT= 67 (n,n') Level

35-Br-82

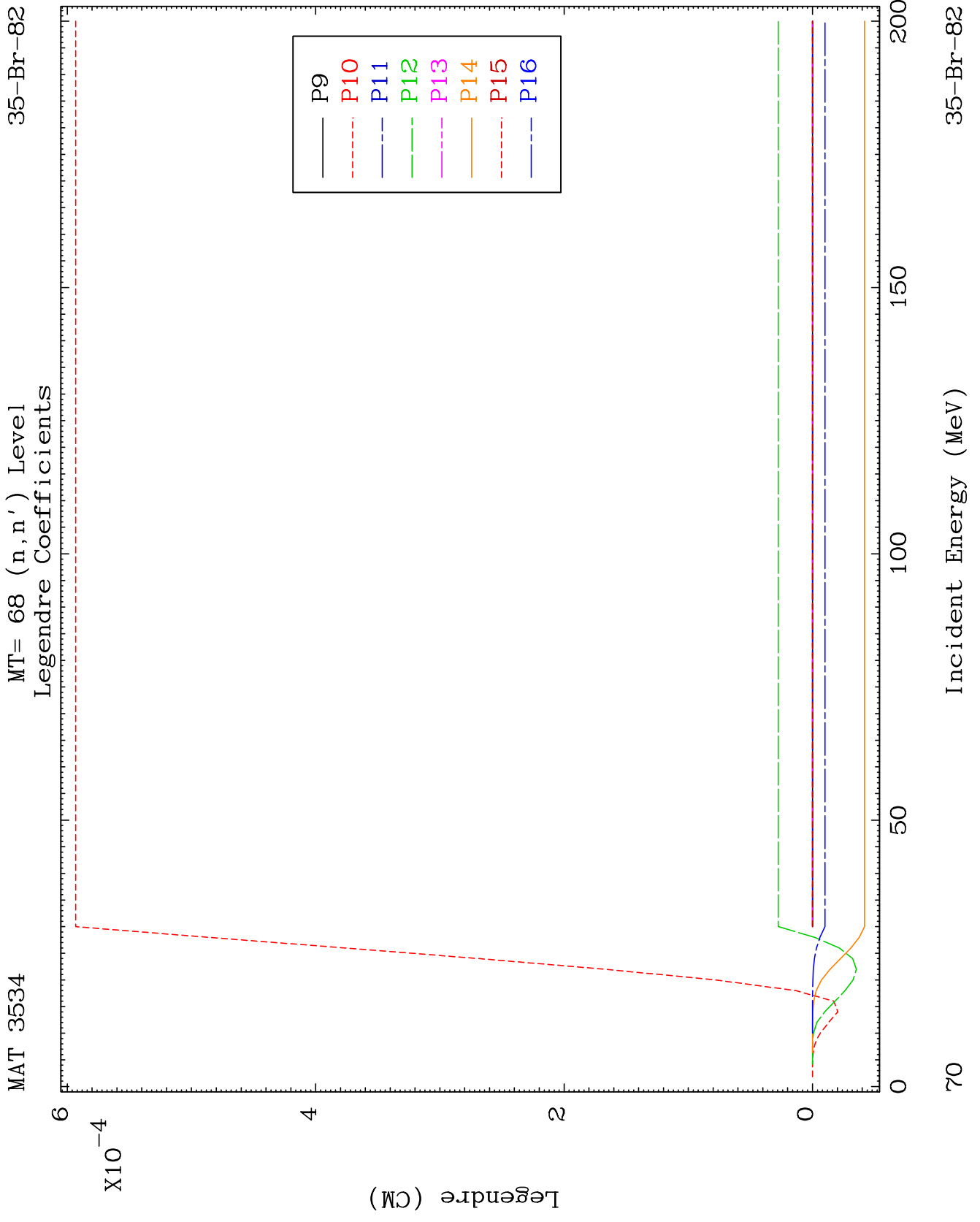
Legendre Coefficients



35-Br-82

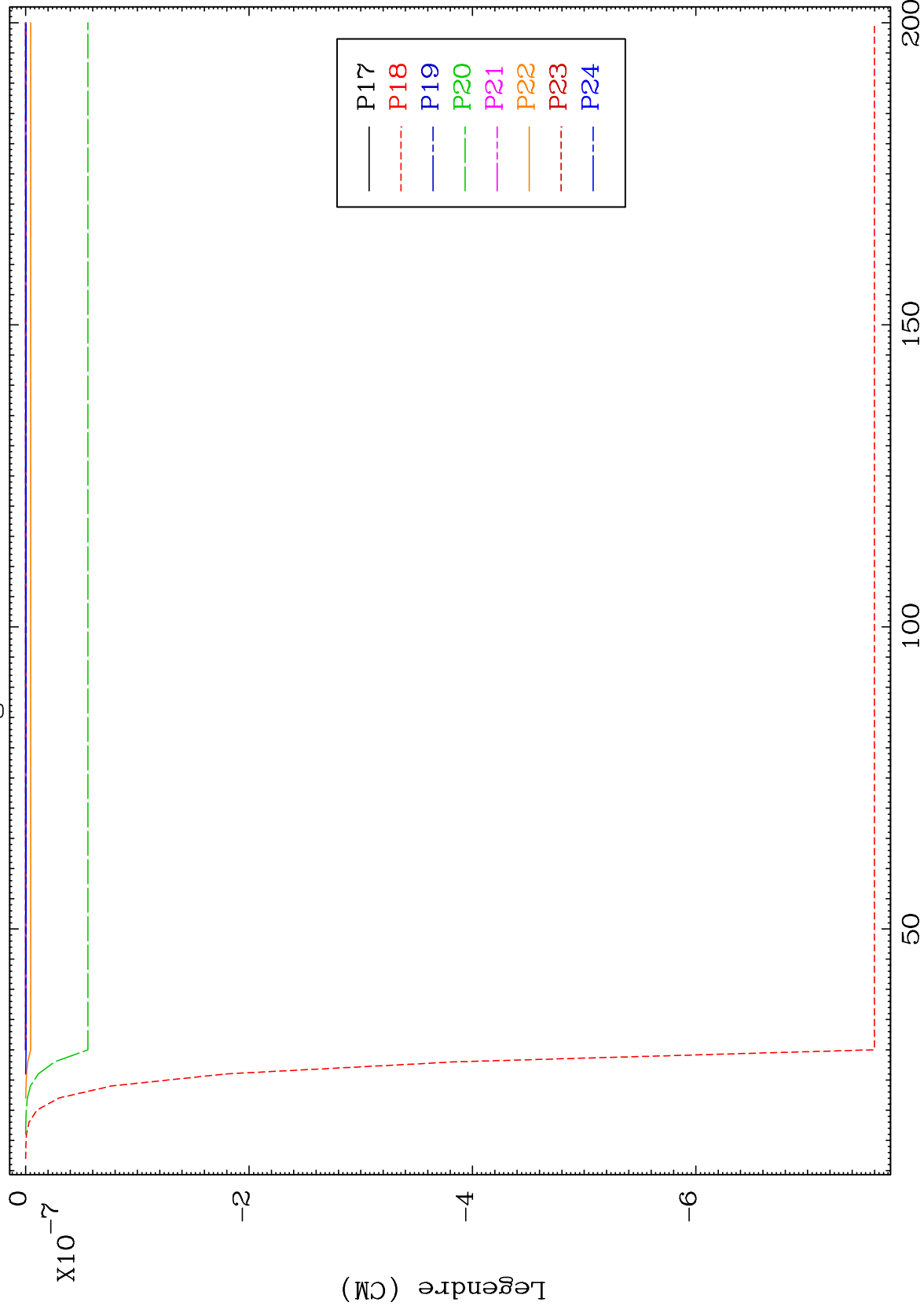
Incident Energy (MeV)

68



MAT 3534 MT= 68 (n,n') Level 35-Br-82

Legendre Coefficients

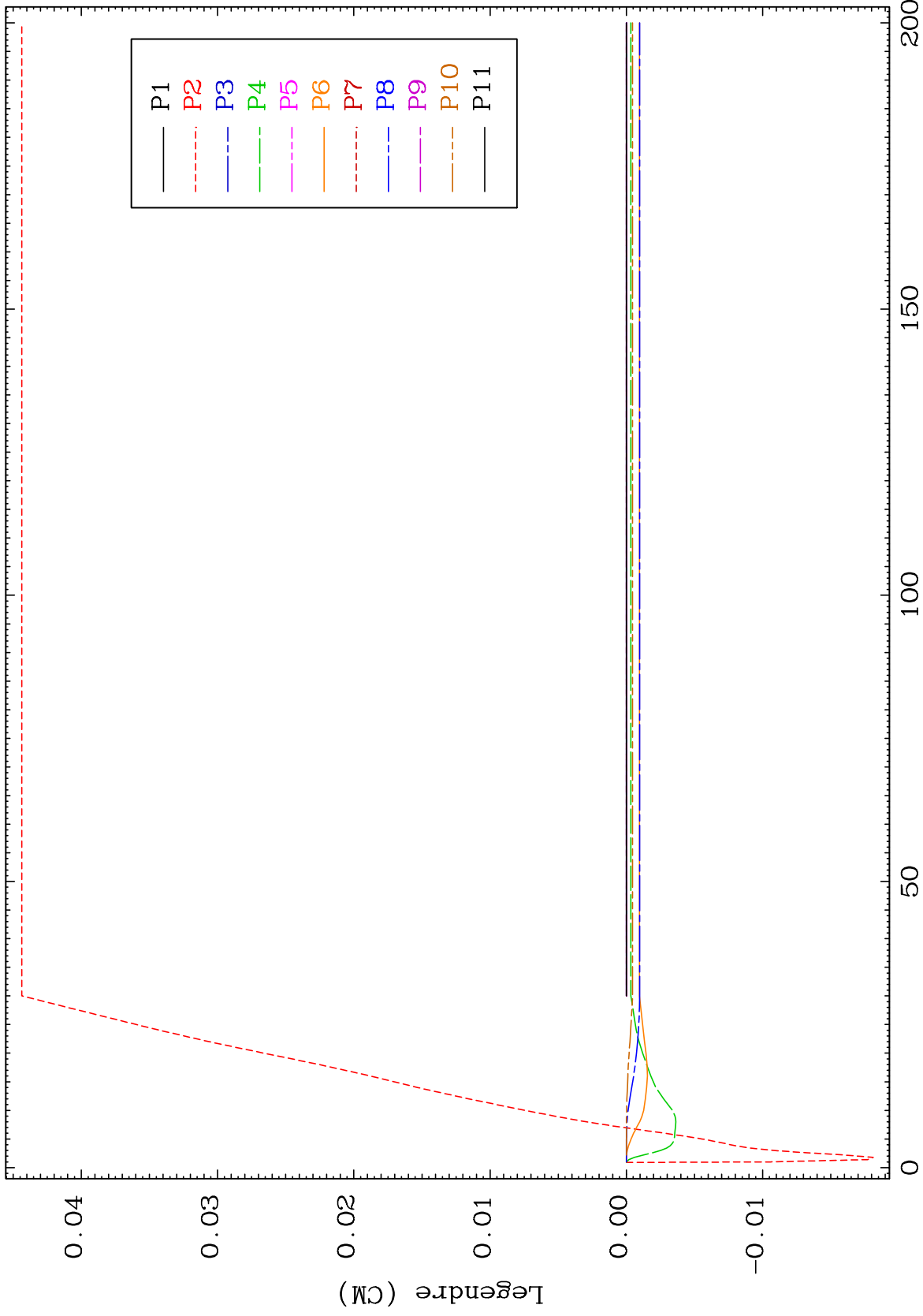


71 35-Br-82

MAT 3534

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

35-Br-82



72

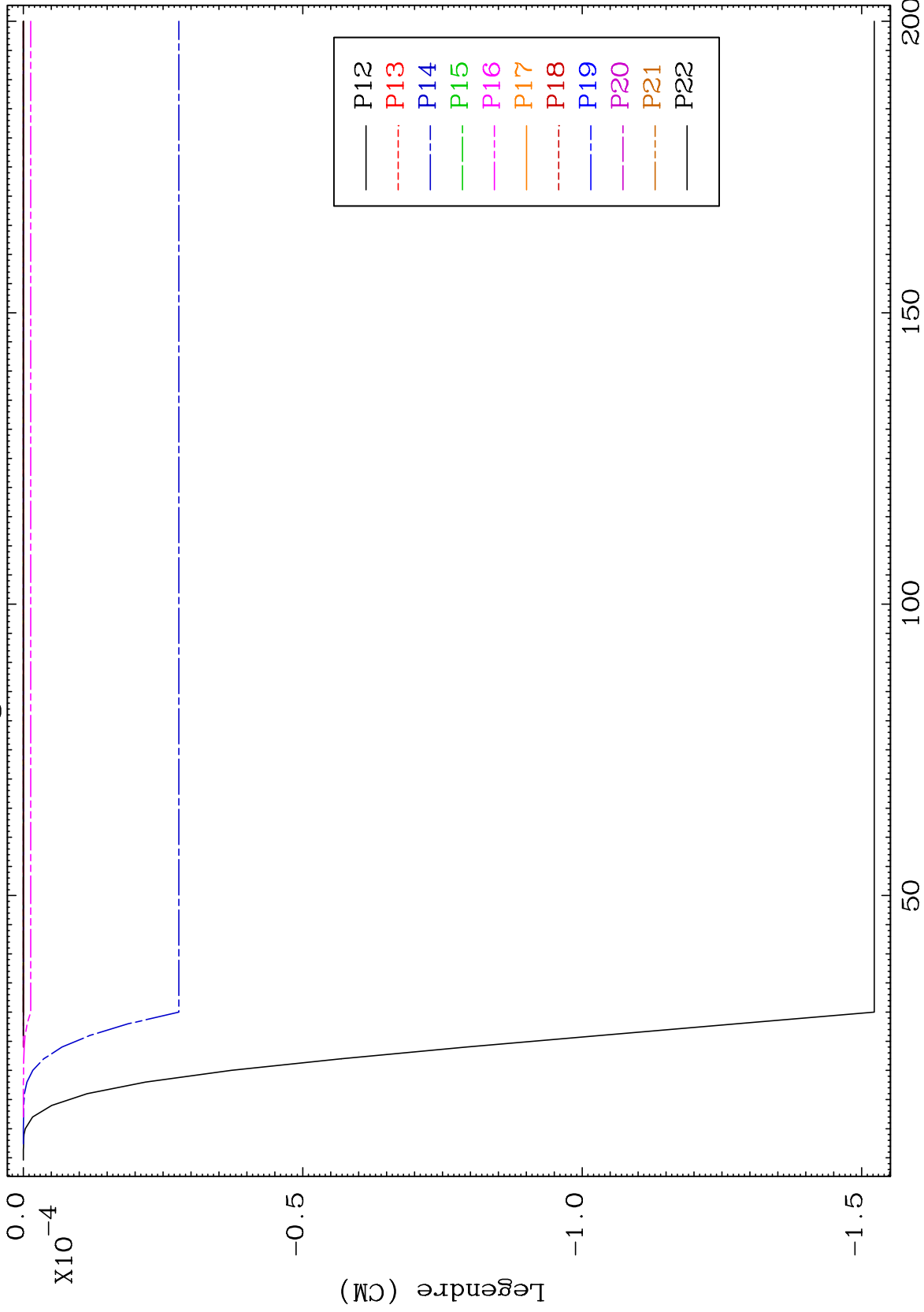
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



73

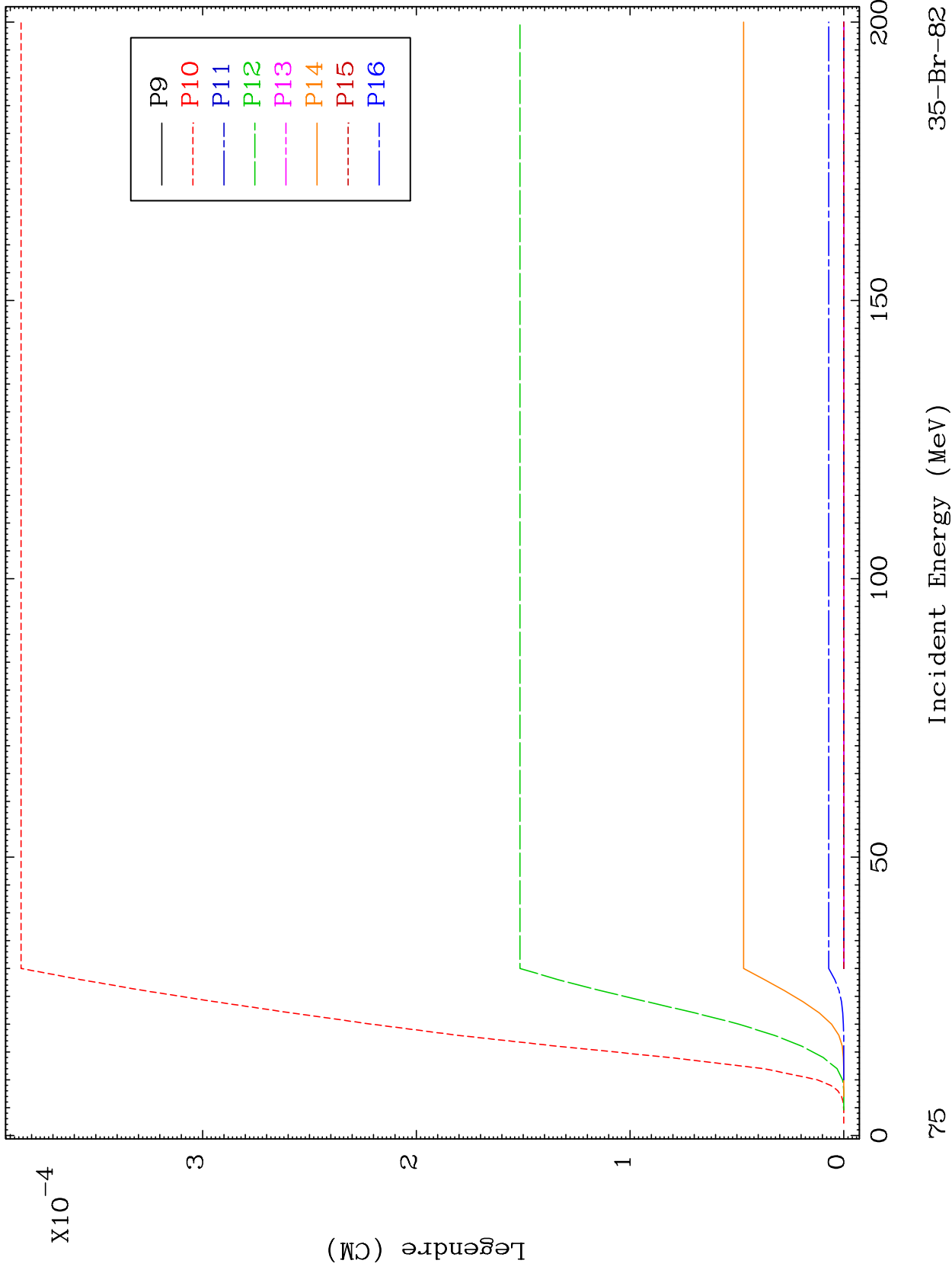
Incident Energy (MeV)

35-Br-82

MAT 3534

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

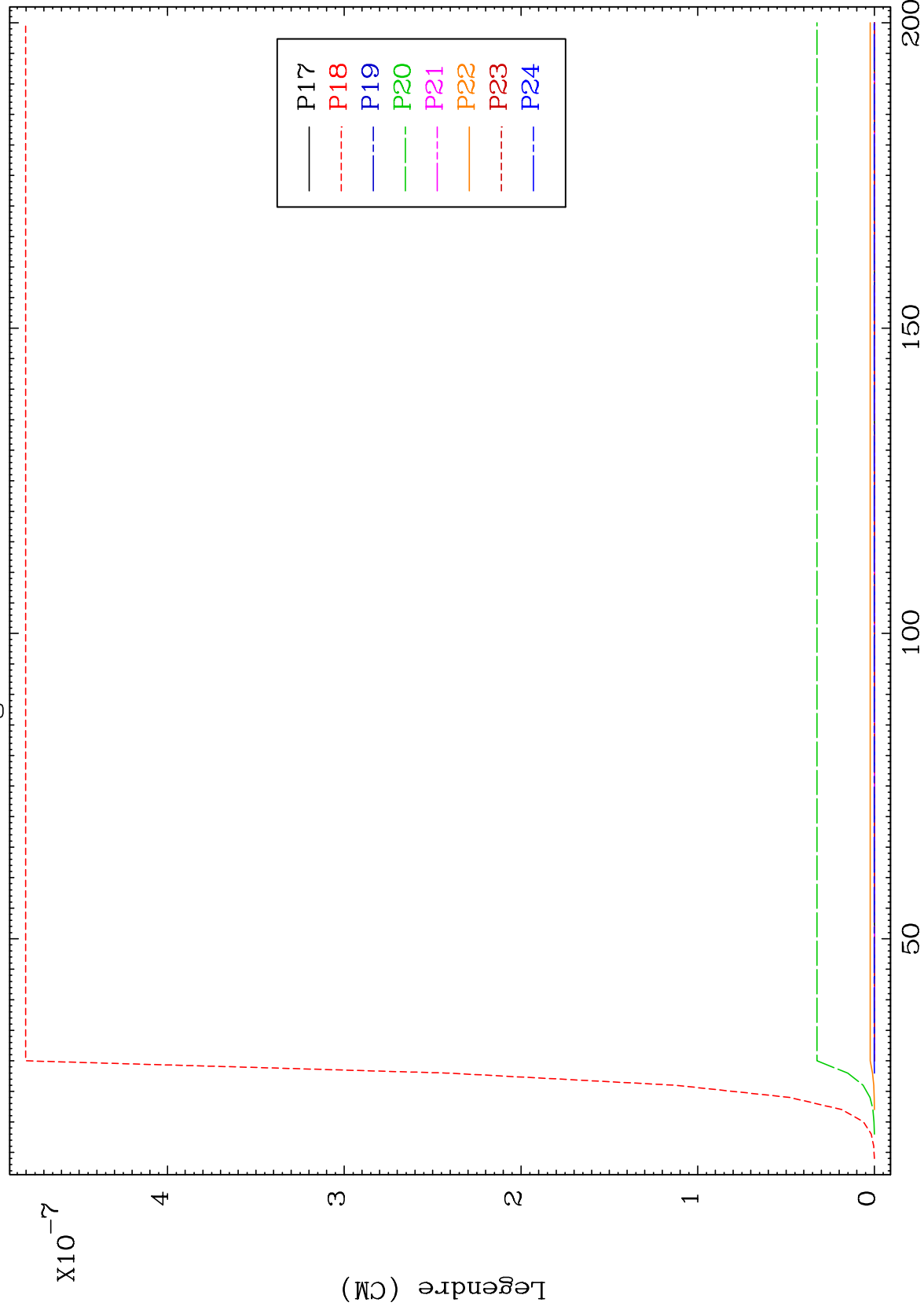
35-Br-82



MAT 3534

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

35-Br-82



35-Br-82

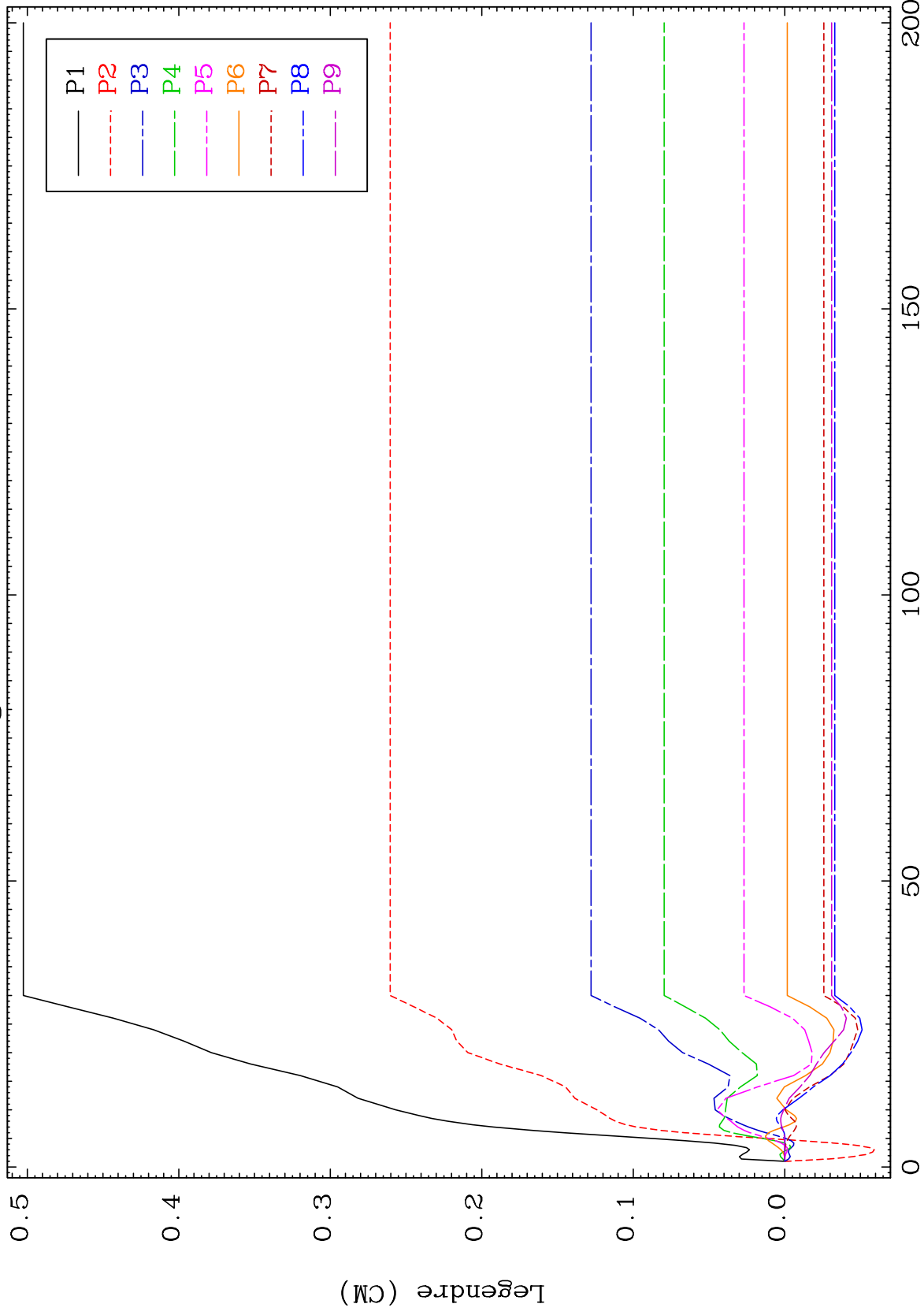
Incident Energy (MeV)

76

MAT 3534

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

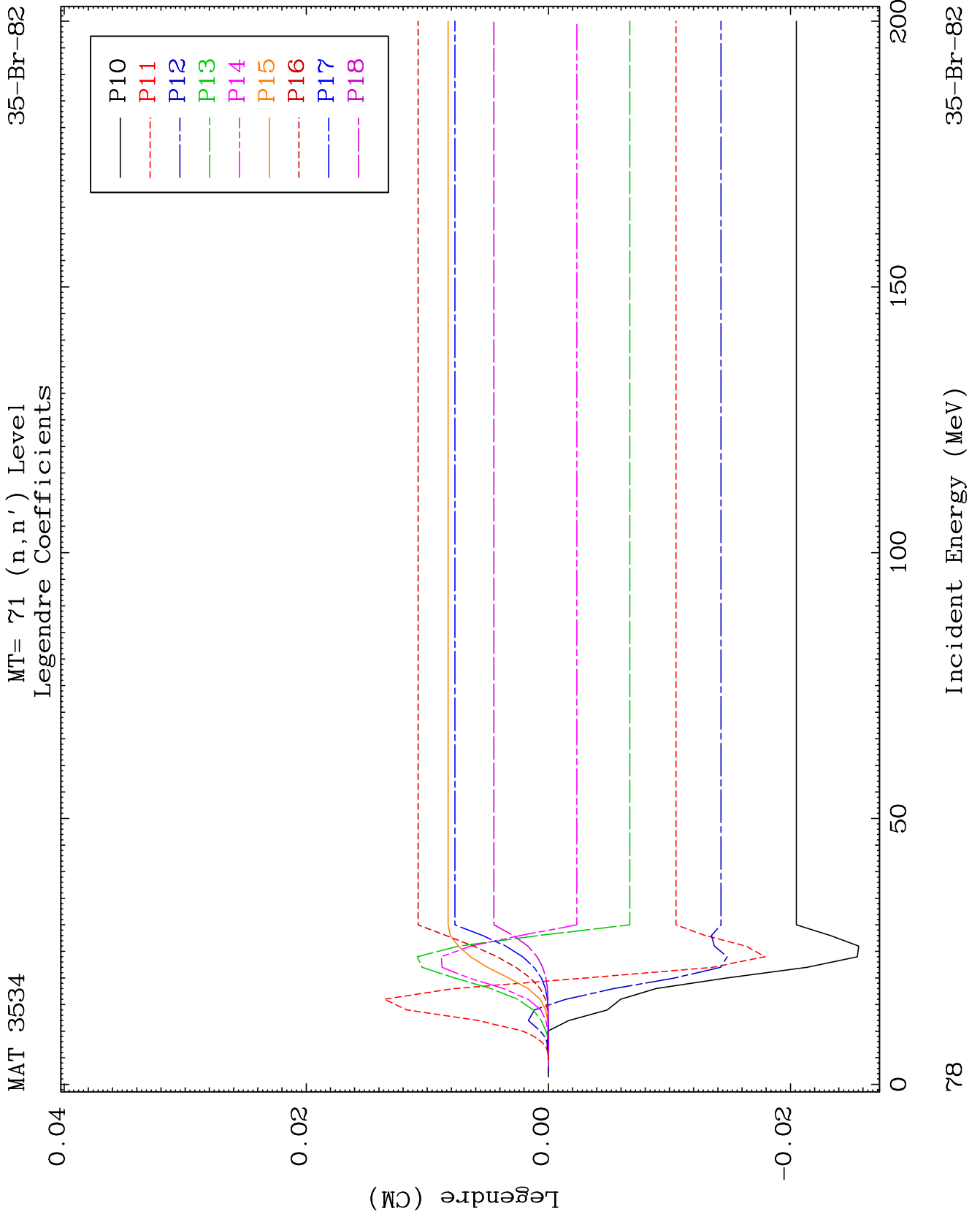
35-Br-82



77

Incident Energy (MeV)

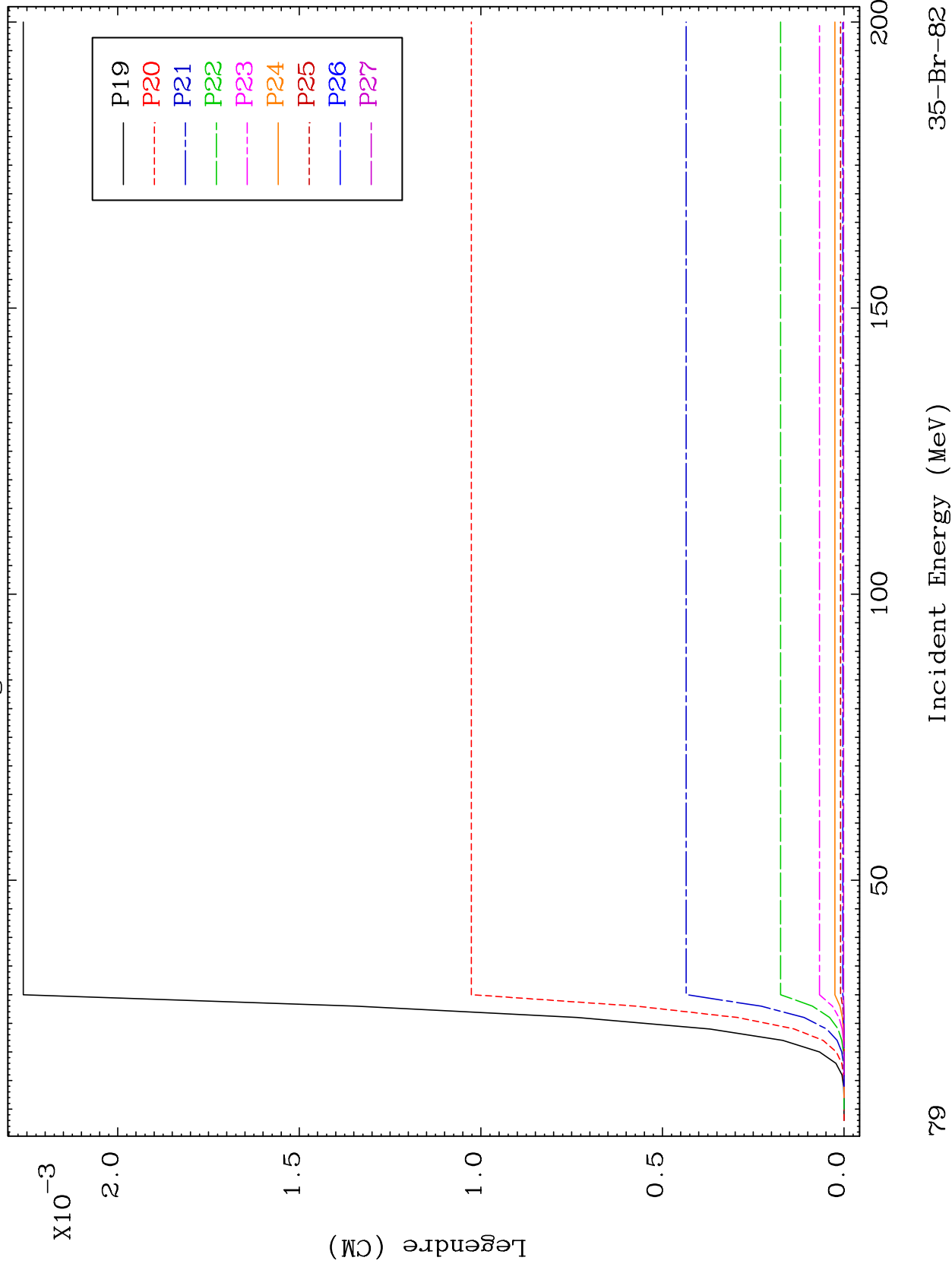
35-Br-82



MAT 3534

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

35-Br-82



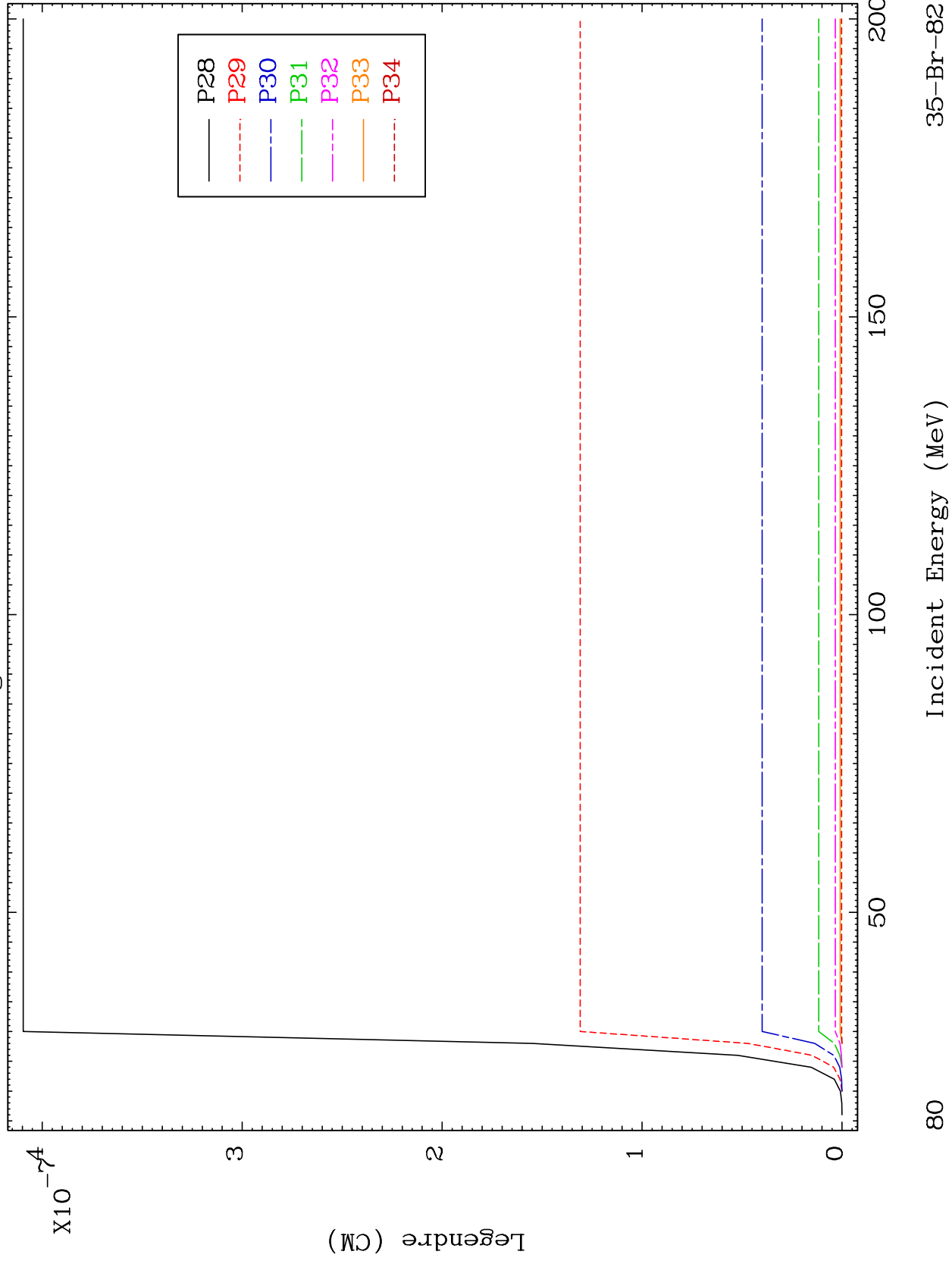
79

35-Br-82

MAT 3534

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

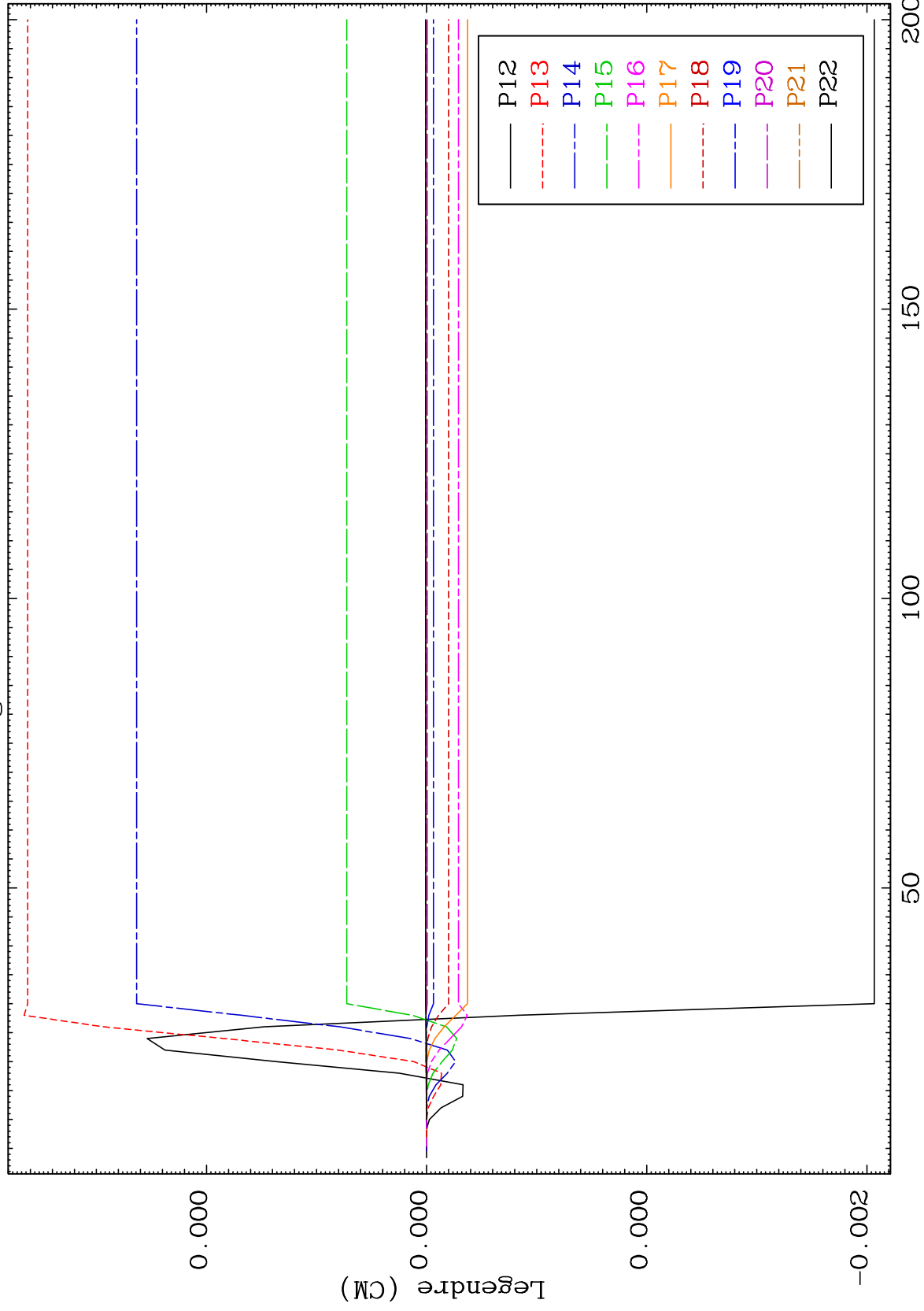
35-Br-82



MAT 3534

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

35-Br-82



82

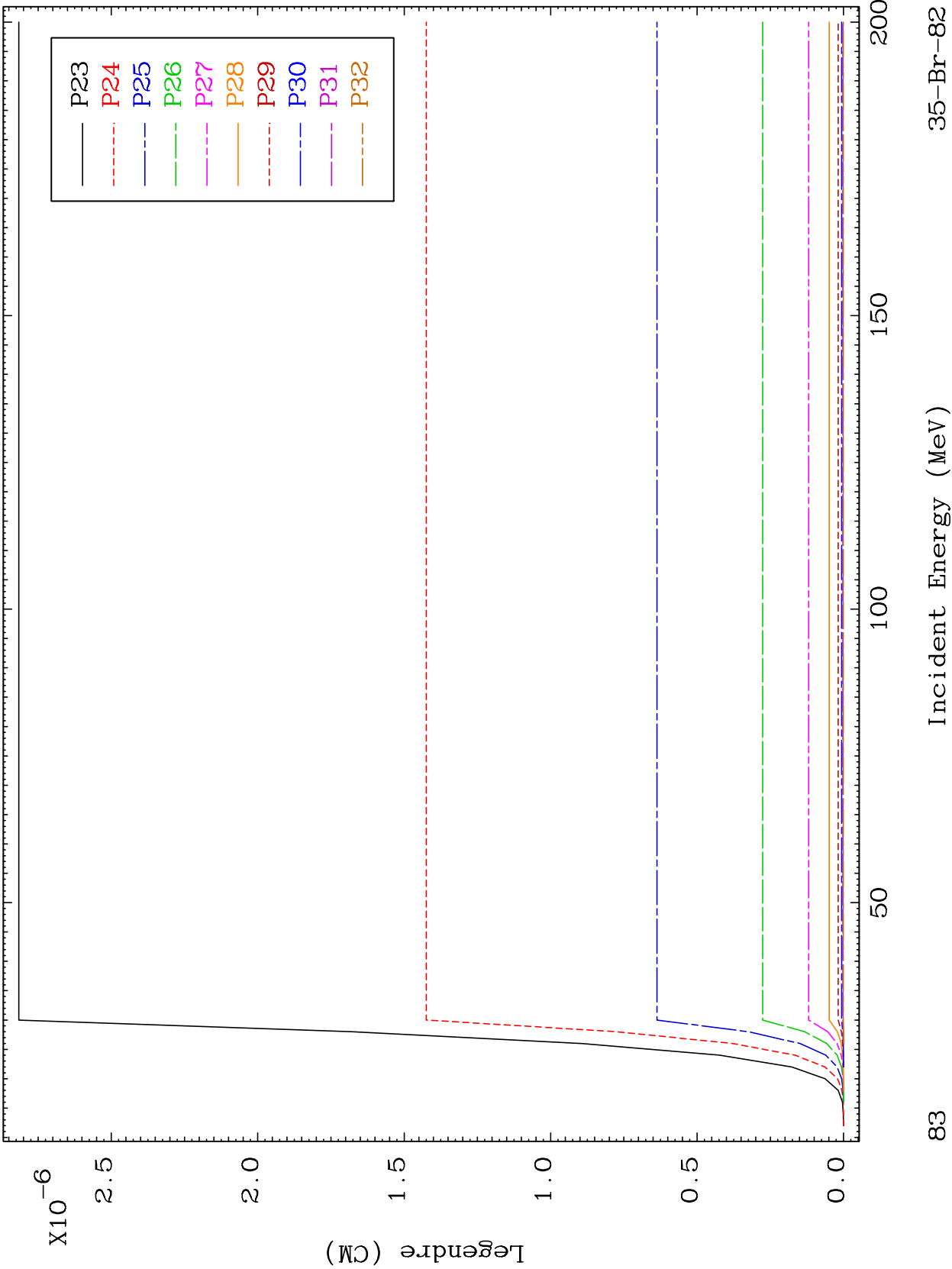
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



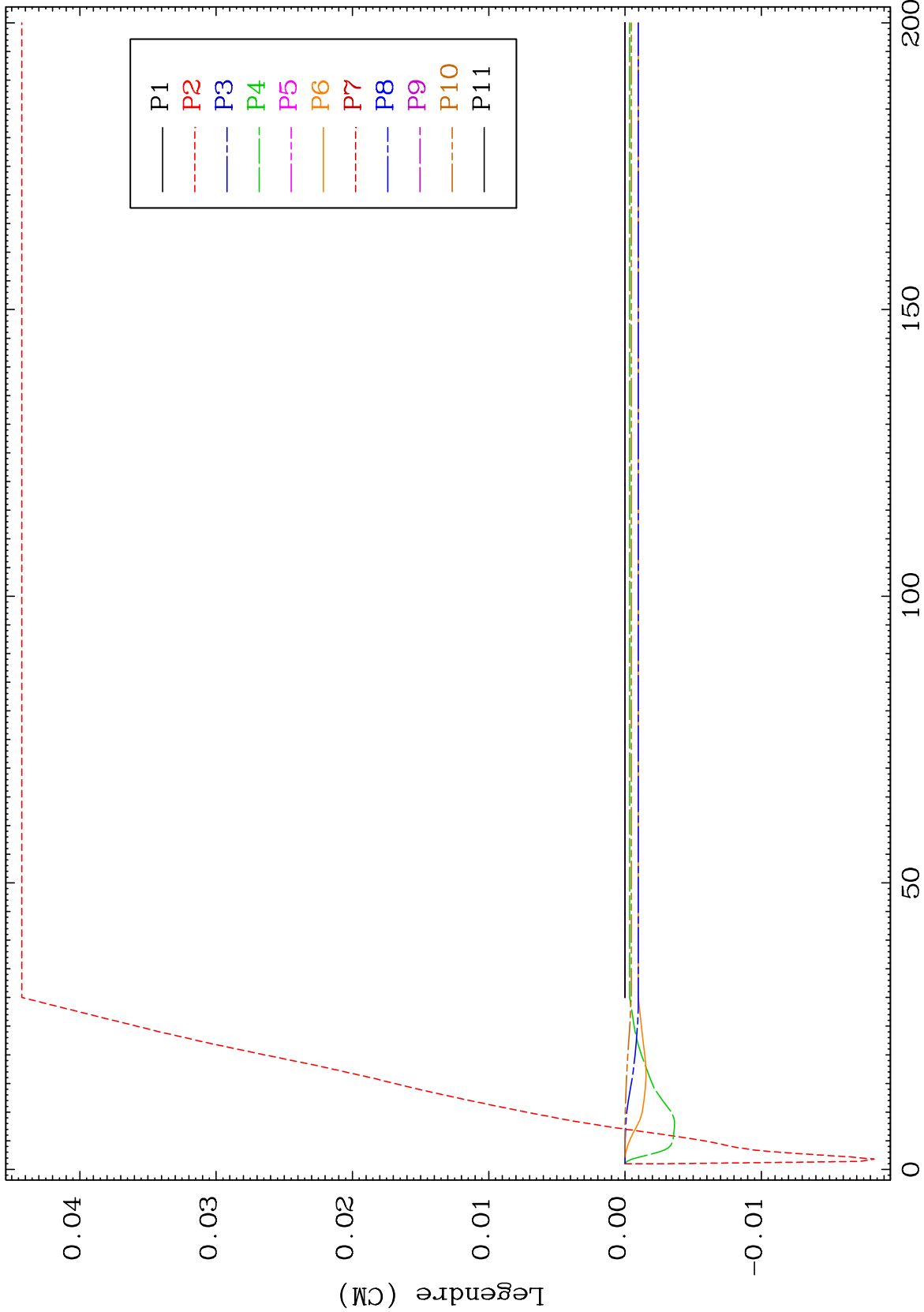
83

35-Br-82

MAT 3534

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

35-Br-82



84

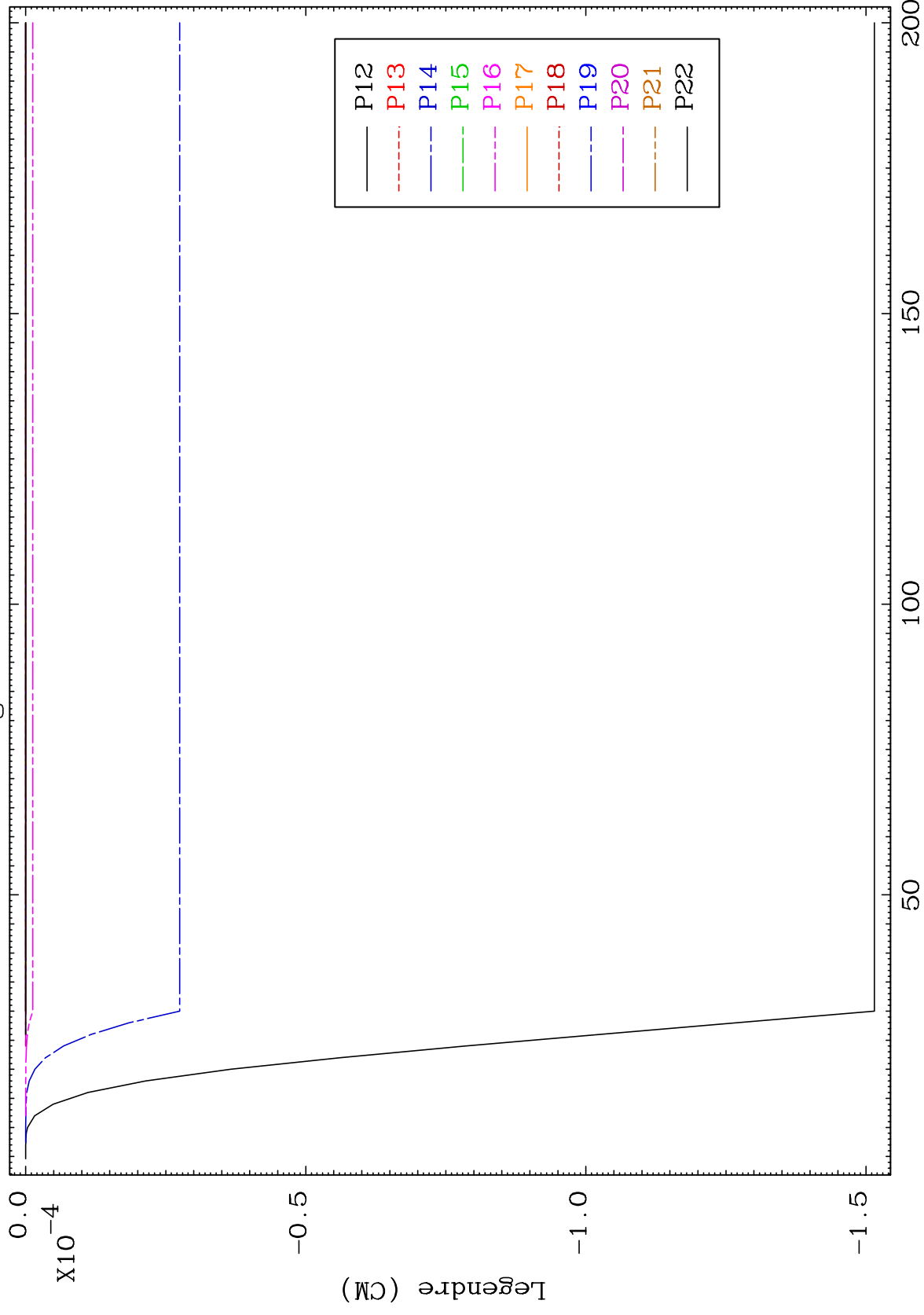
Incident Energy (MeV)

35-Br-82

MAT 3534

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

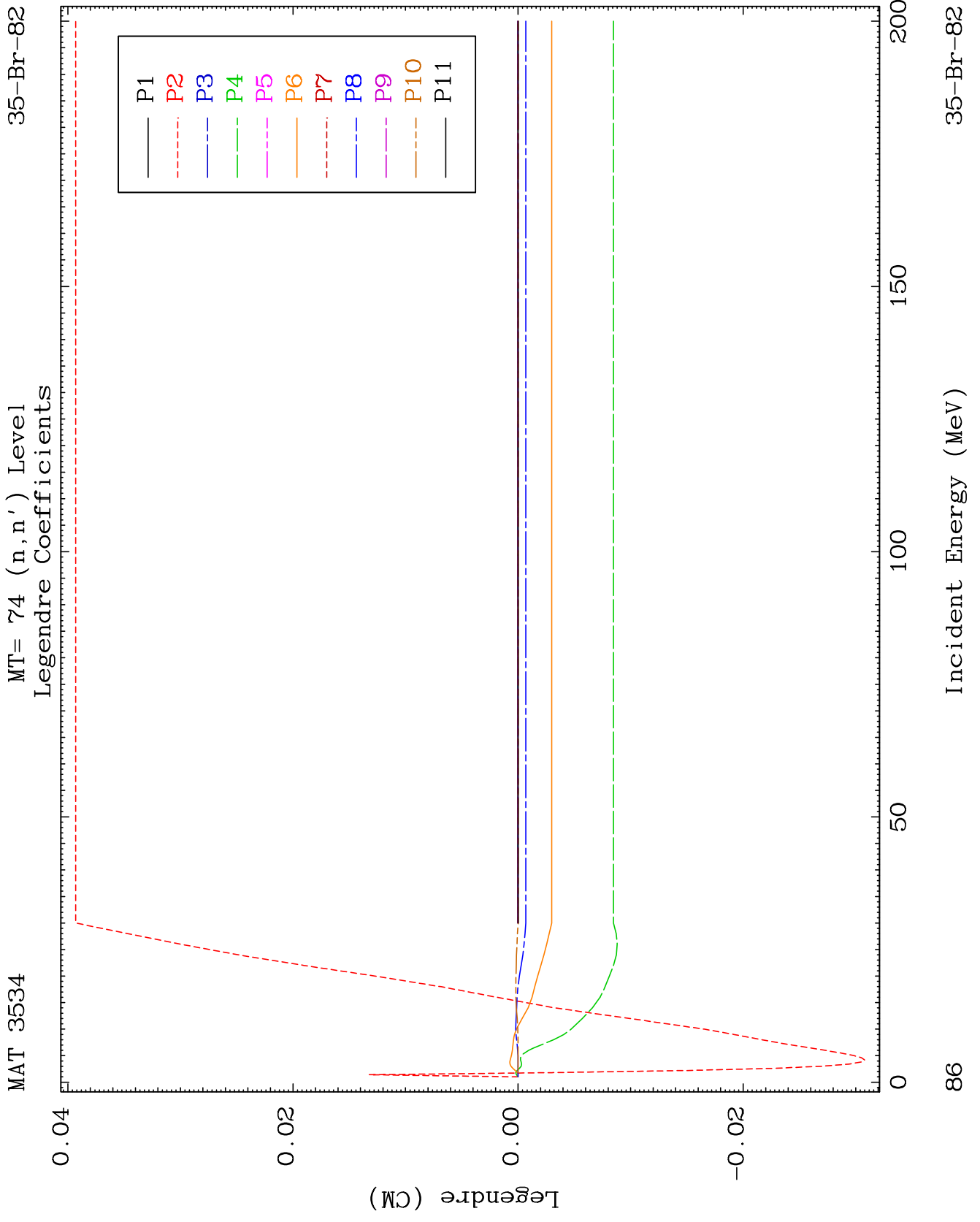
35-Br-82



85

Incident Energy (MeV)

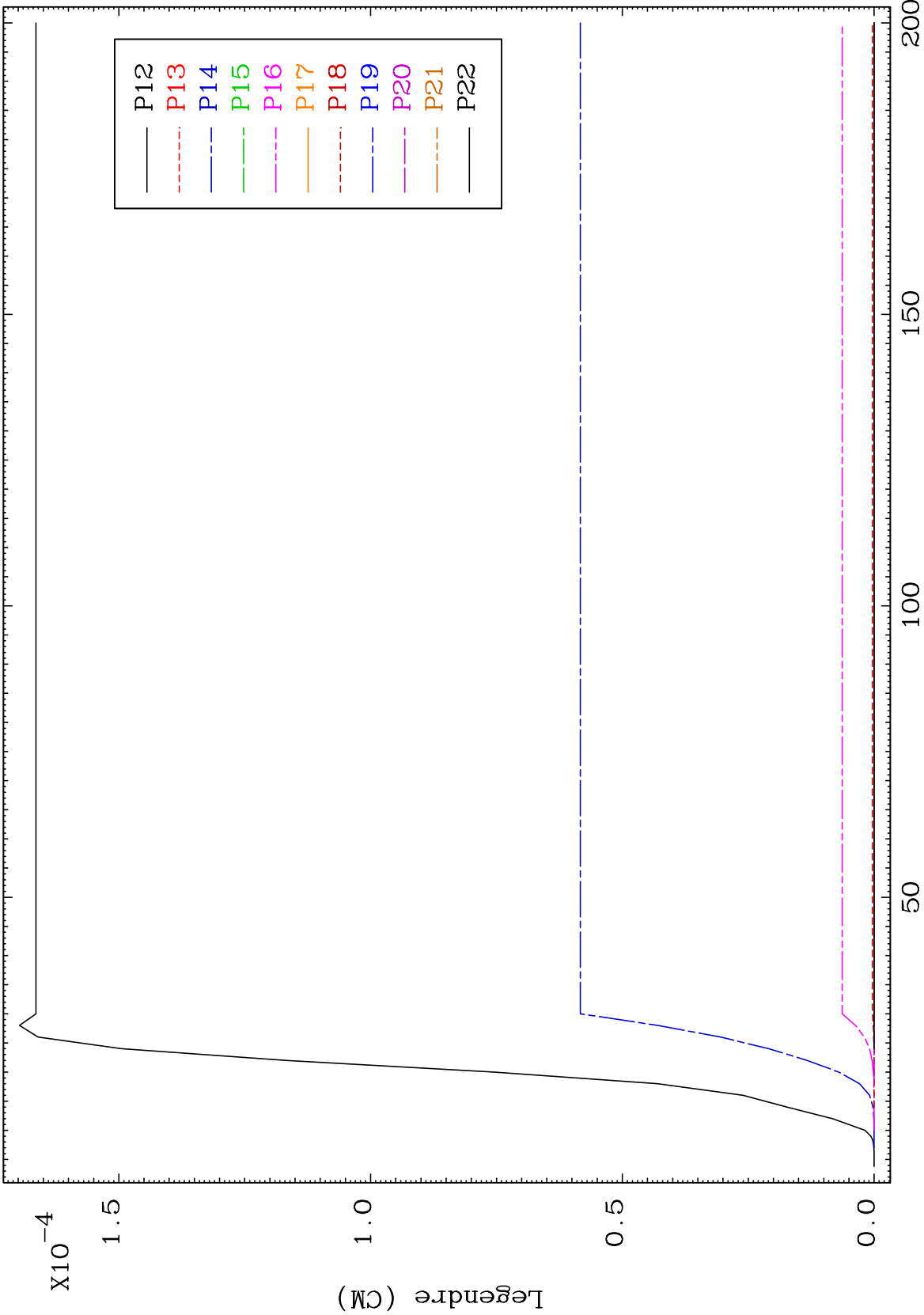
35-Br-82



35-Br-82

Incident Energy (MeV)

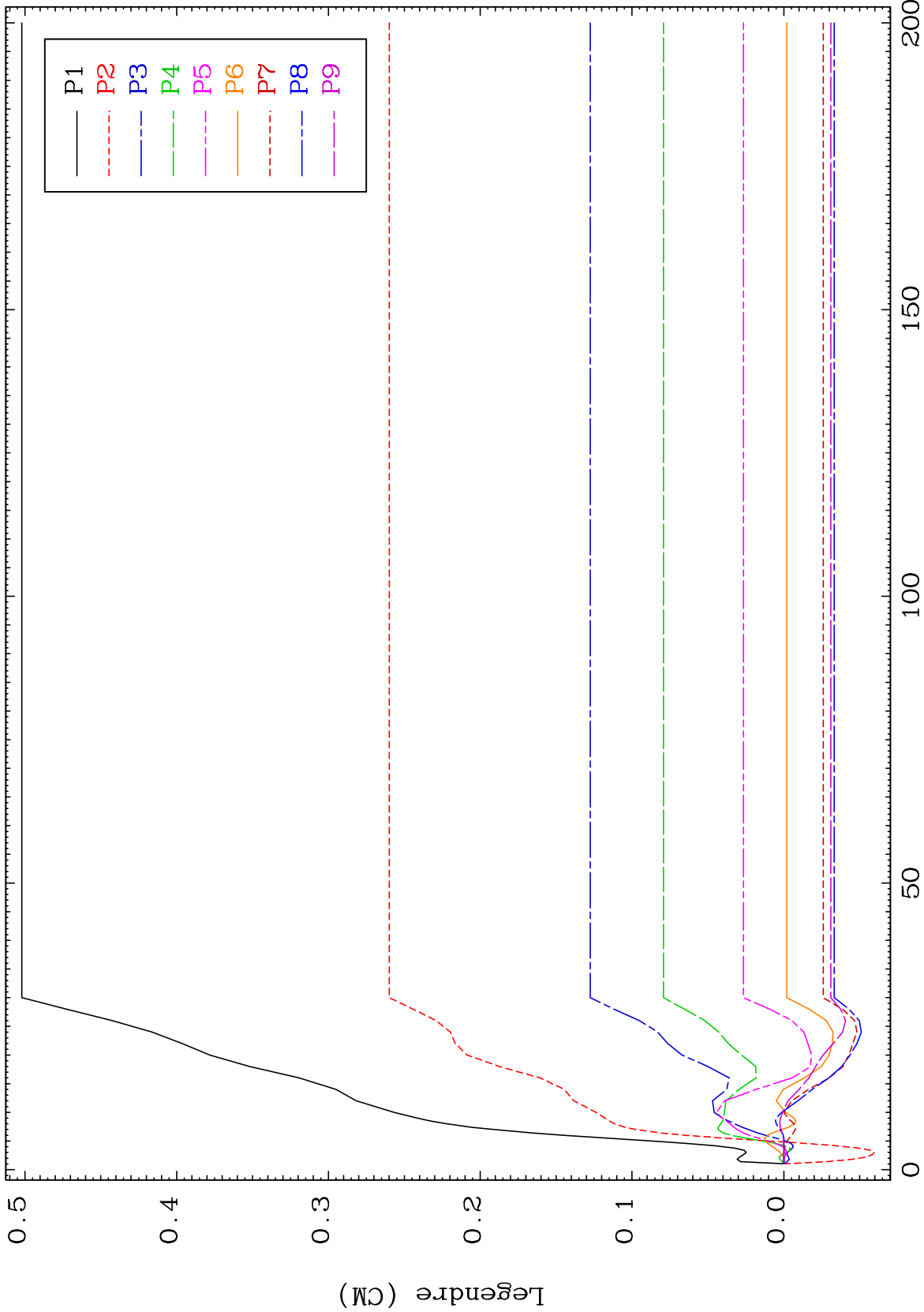
86



MAT 3534

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

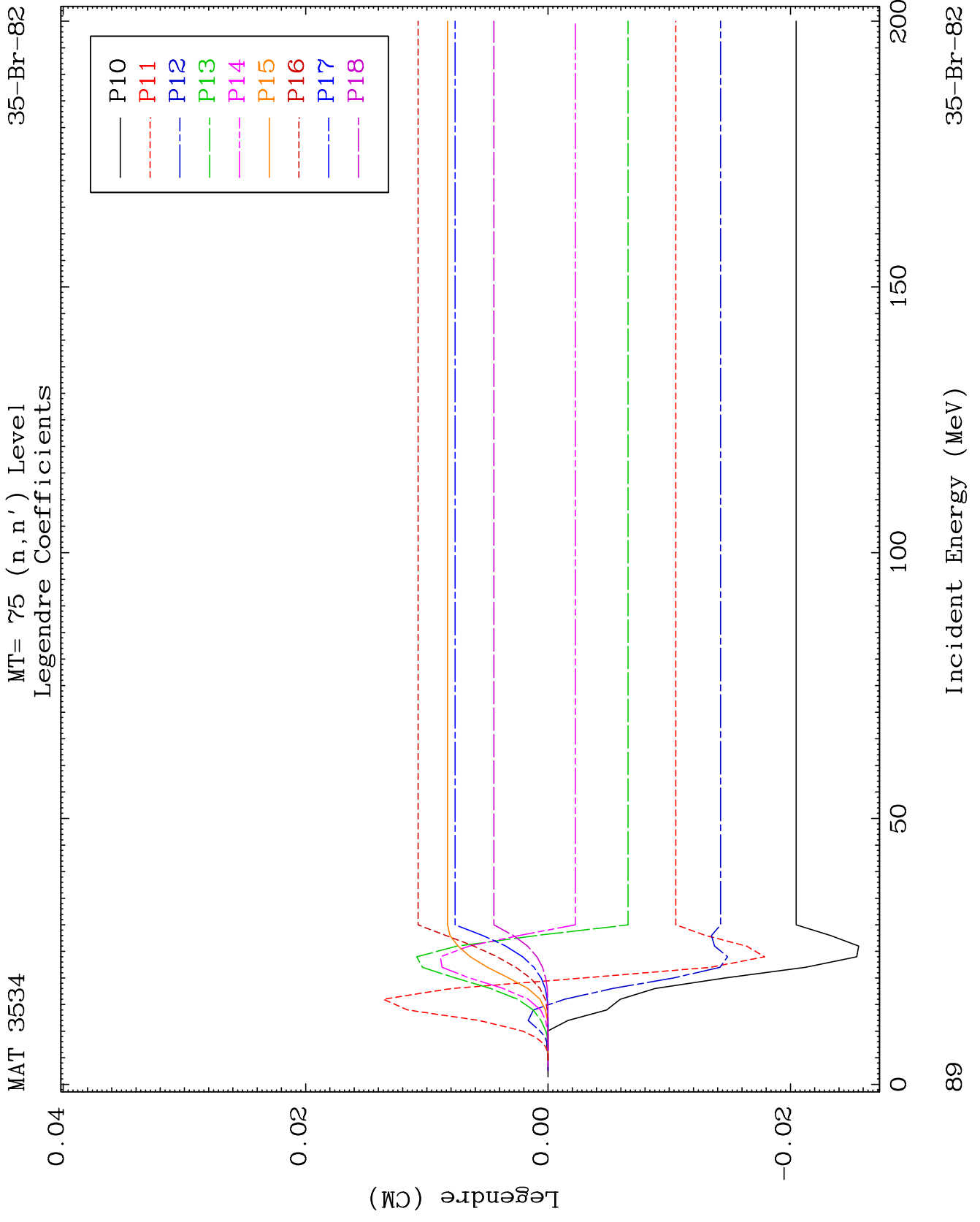
35-Br-82



88

Incident Energy (MeV)

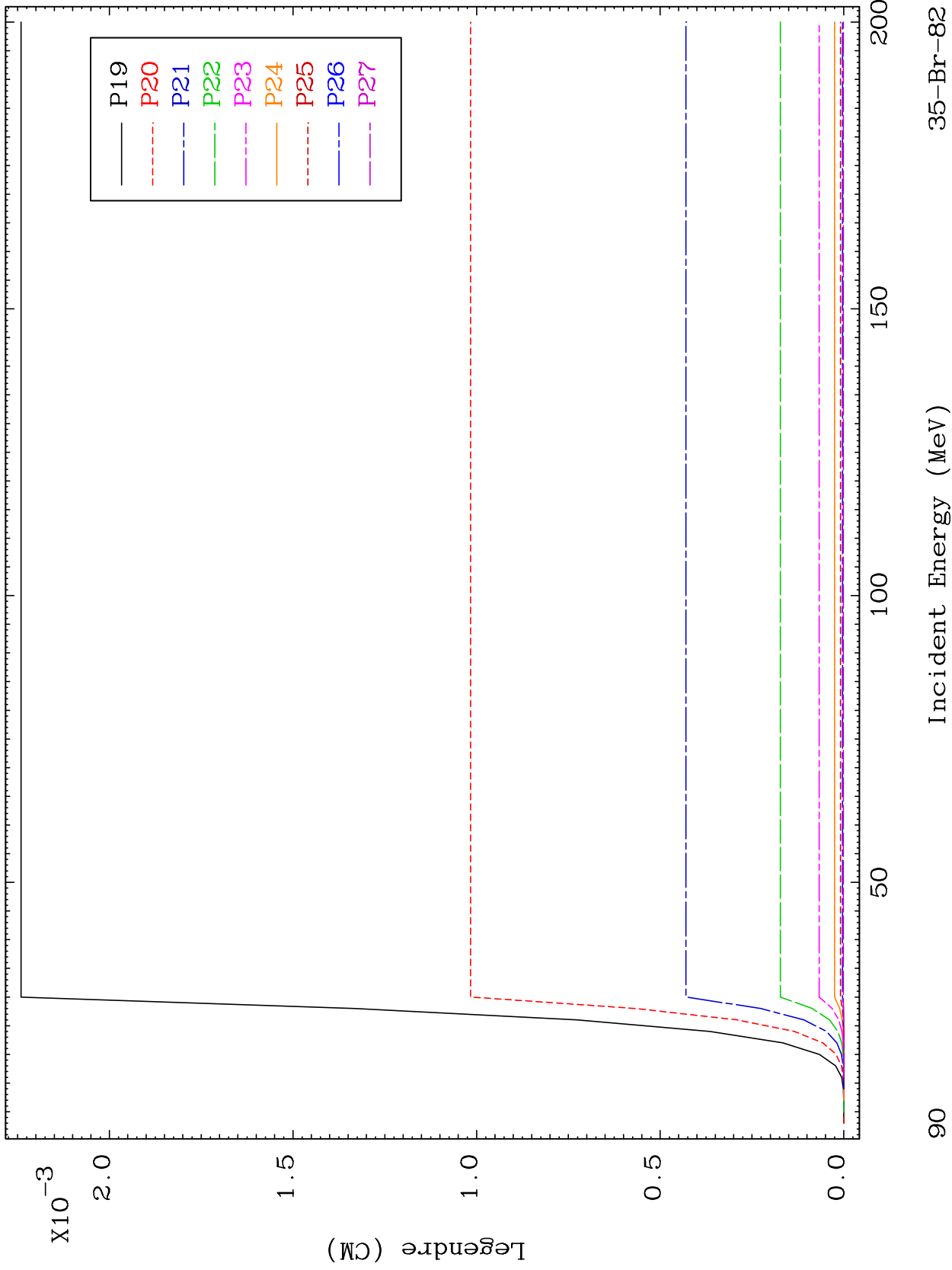
35-Br-82



MAT 3534

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

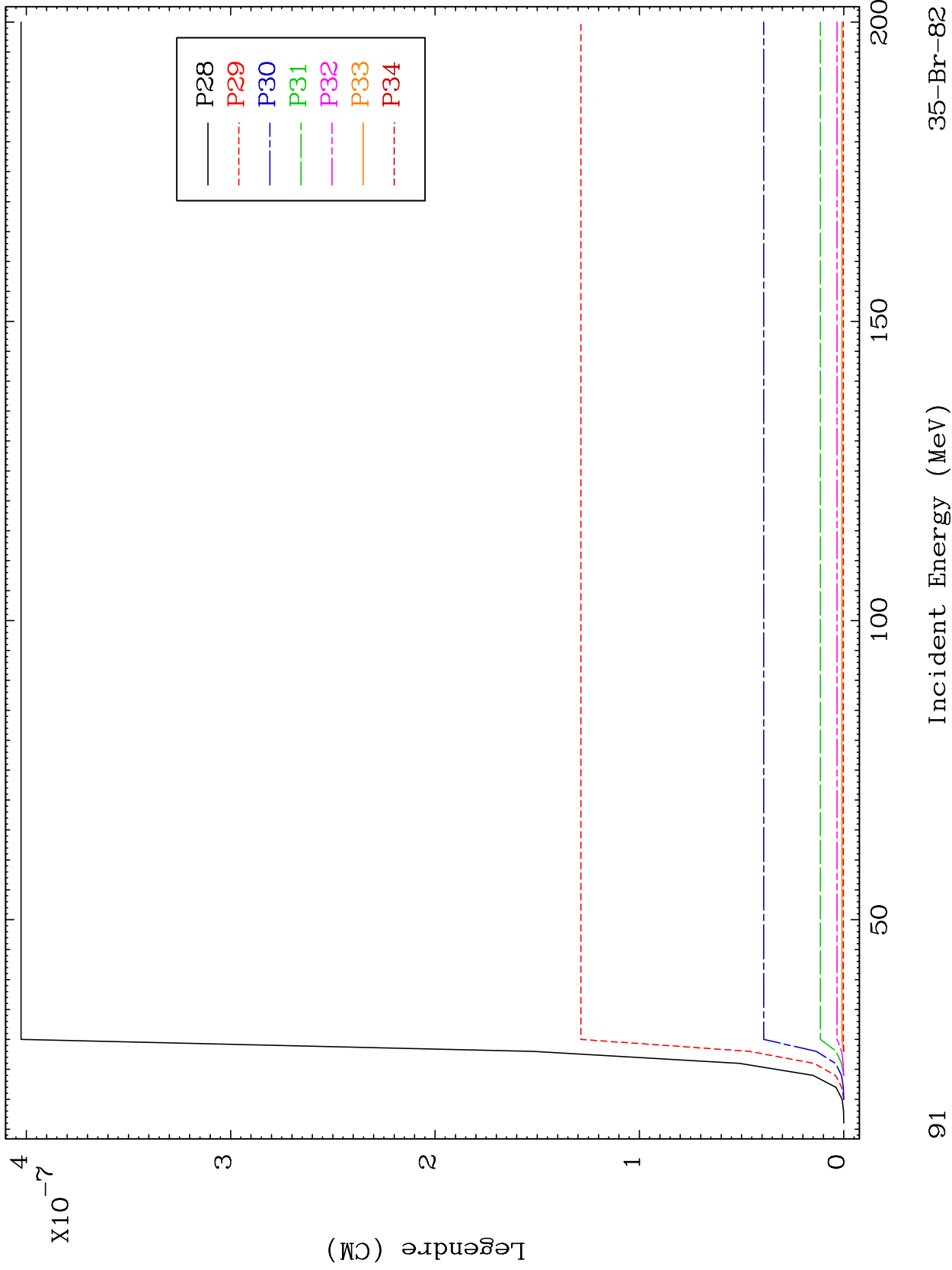
35-Br-82



MAT 3534

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

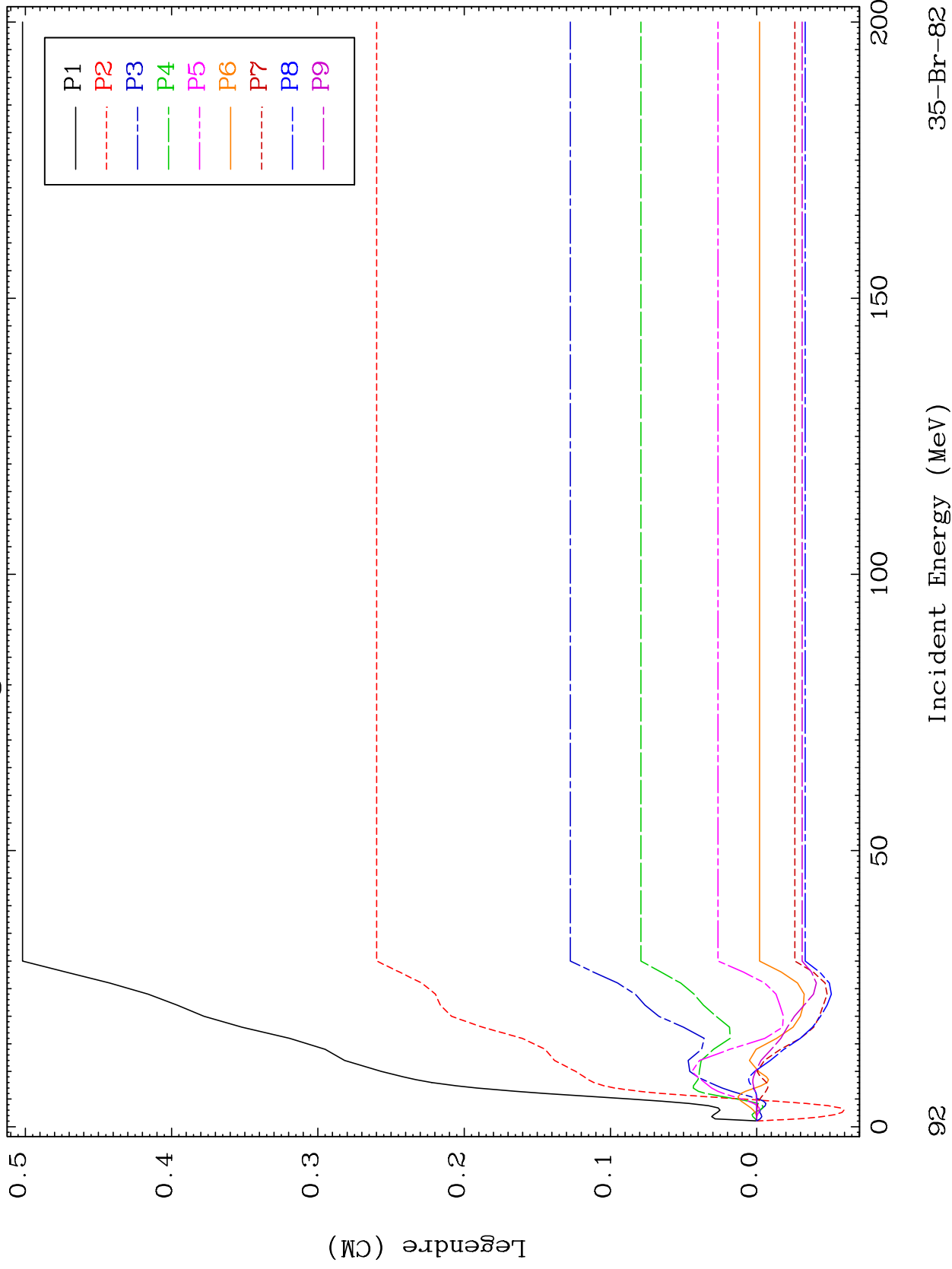
35-Br-82



MAT 3534

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

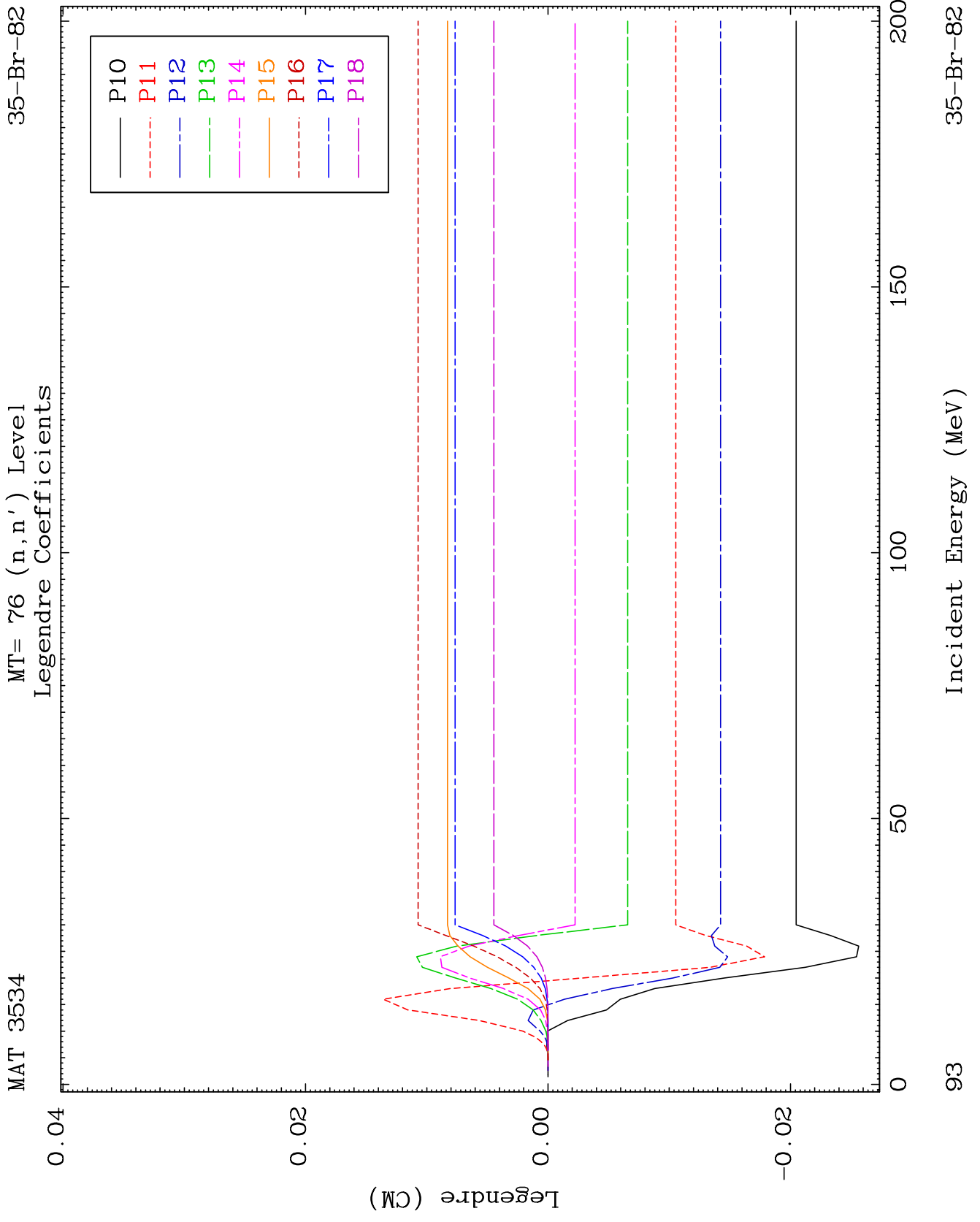
35-Br-82



35-Br-82

Incident Energy (MeV)

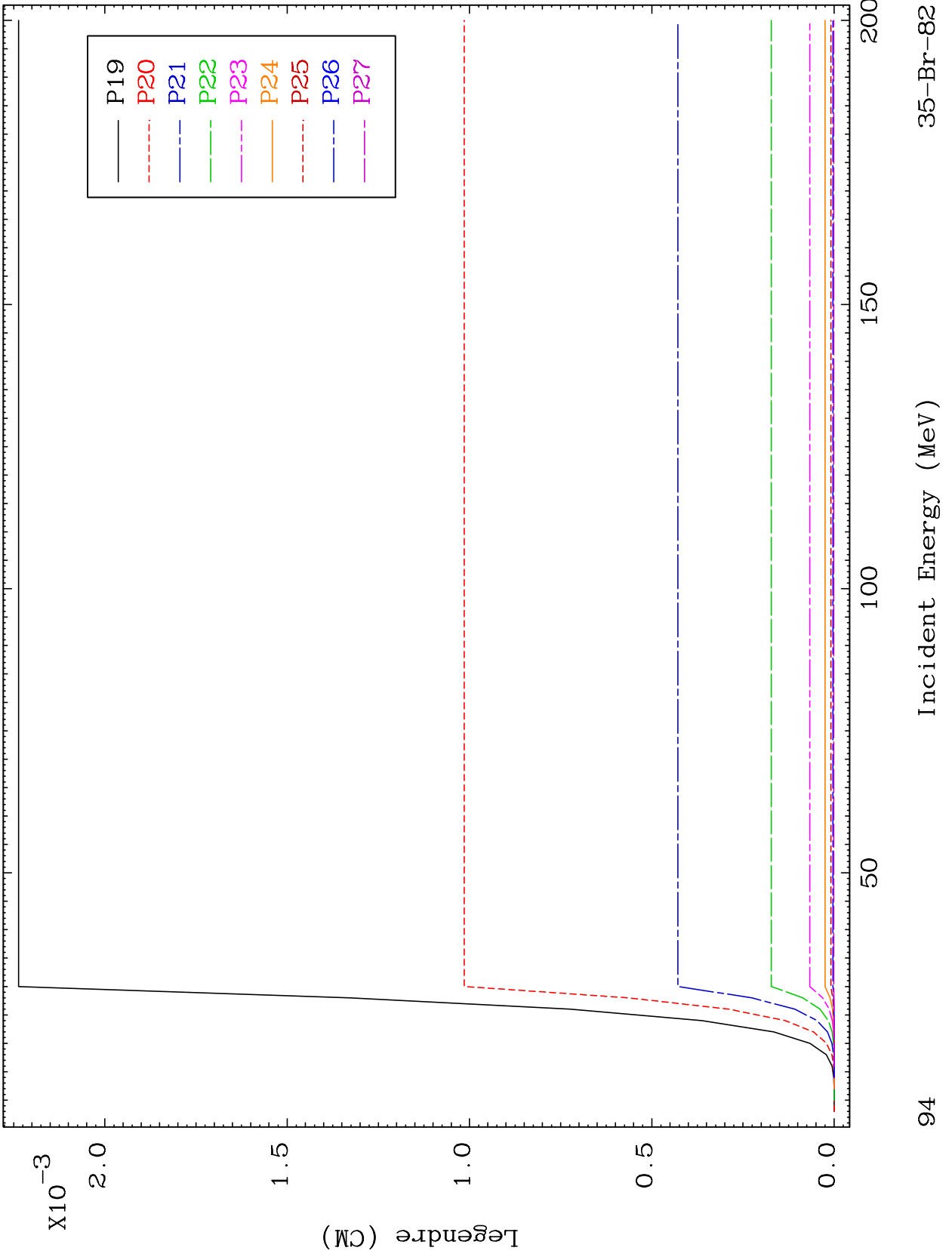
92



MAT 3534

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

35-Br-82



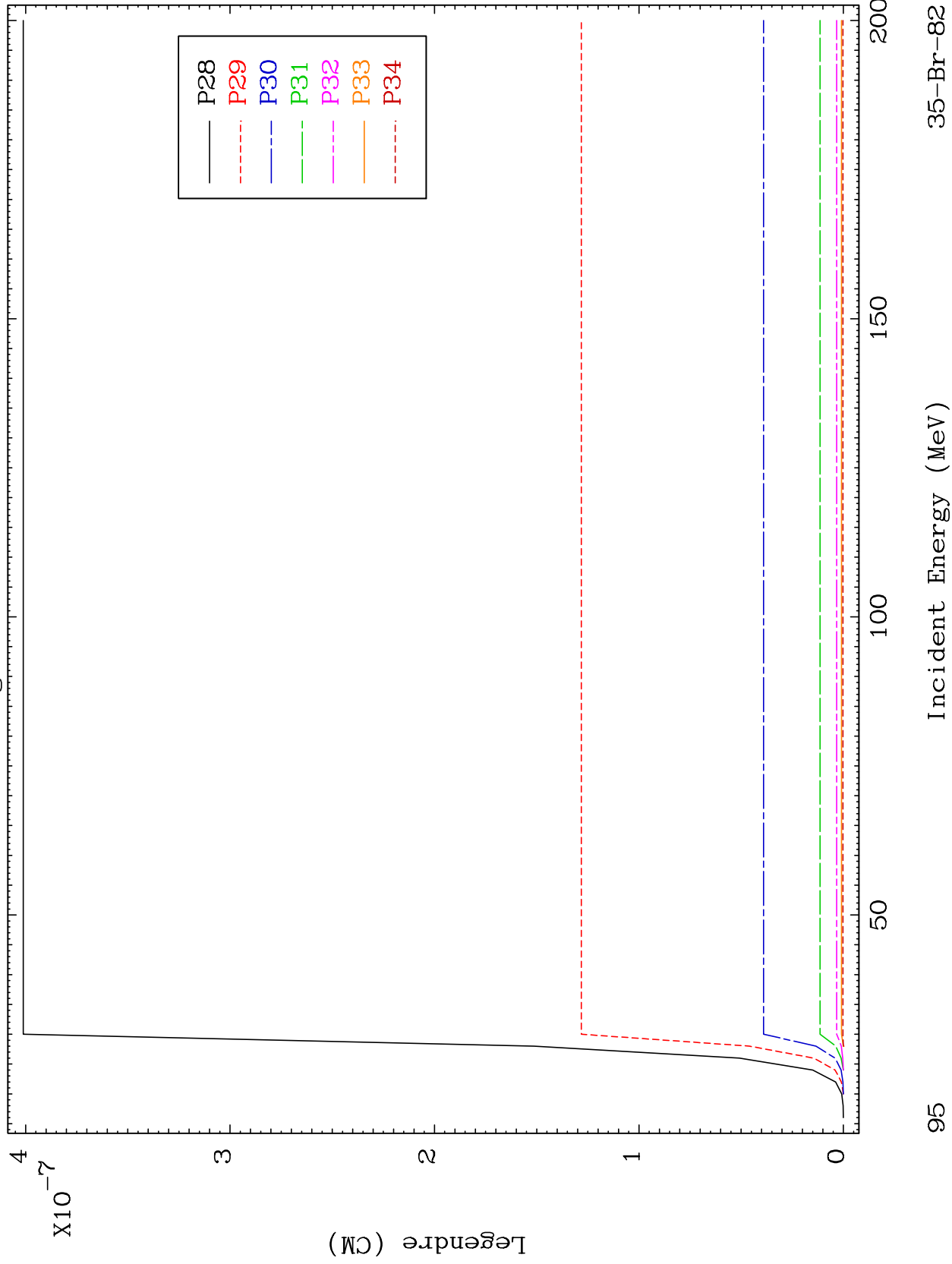
94

35-Br-82

MAT 3534

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

35-Br-82



95

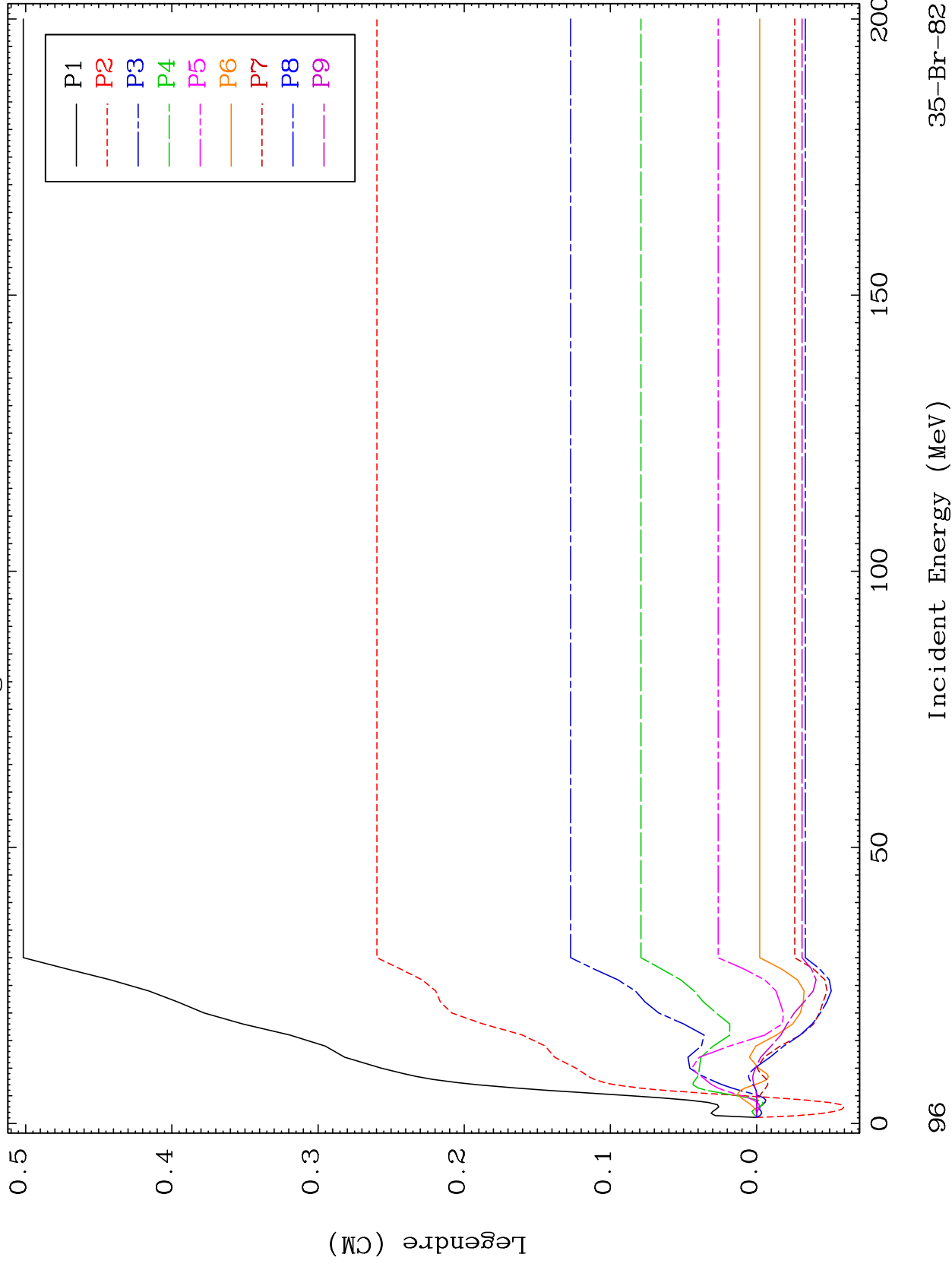
Incident Energy (MeV)

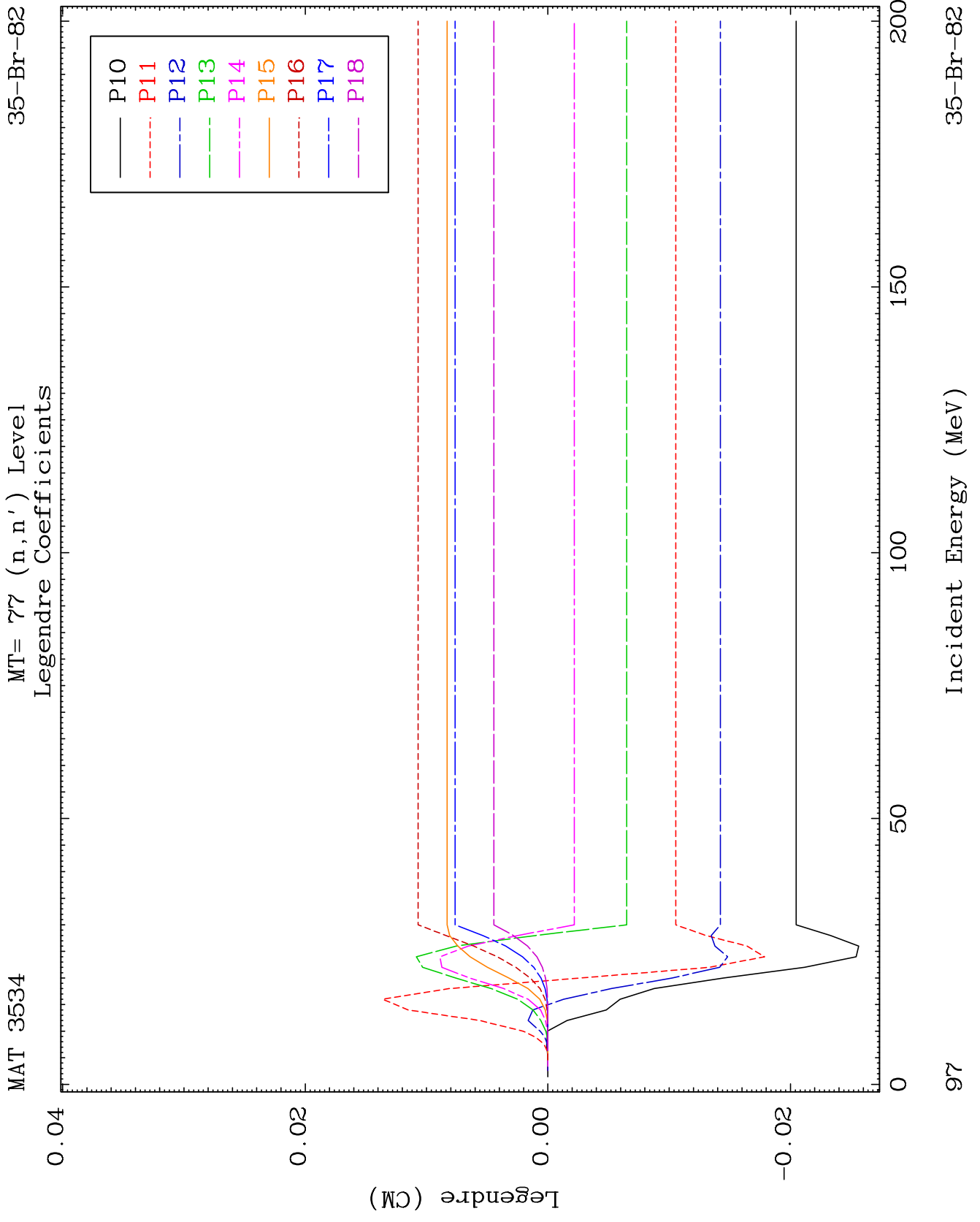
35-Br-82

MAT 3534

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

35-Br-82

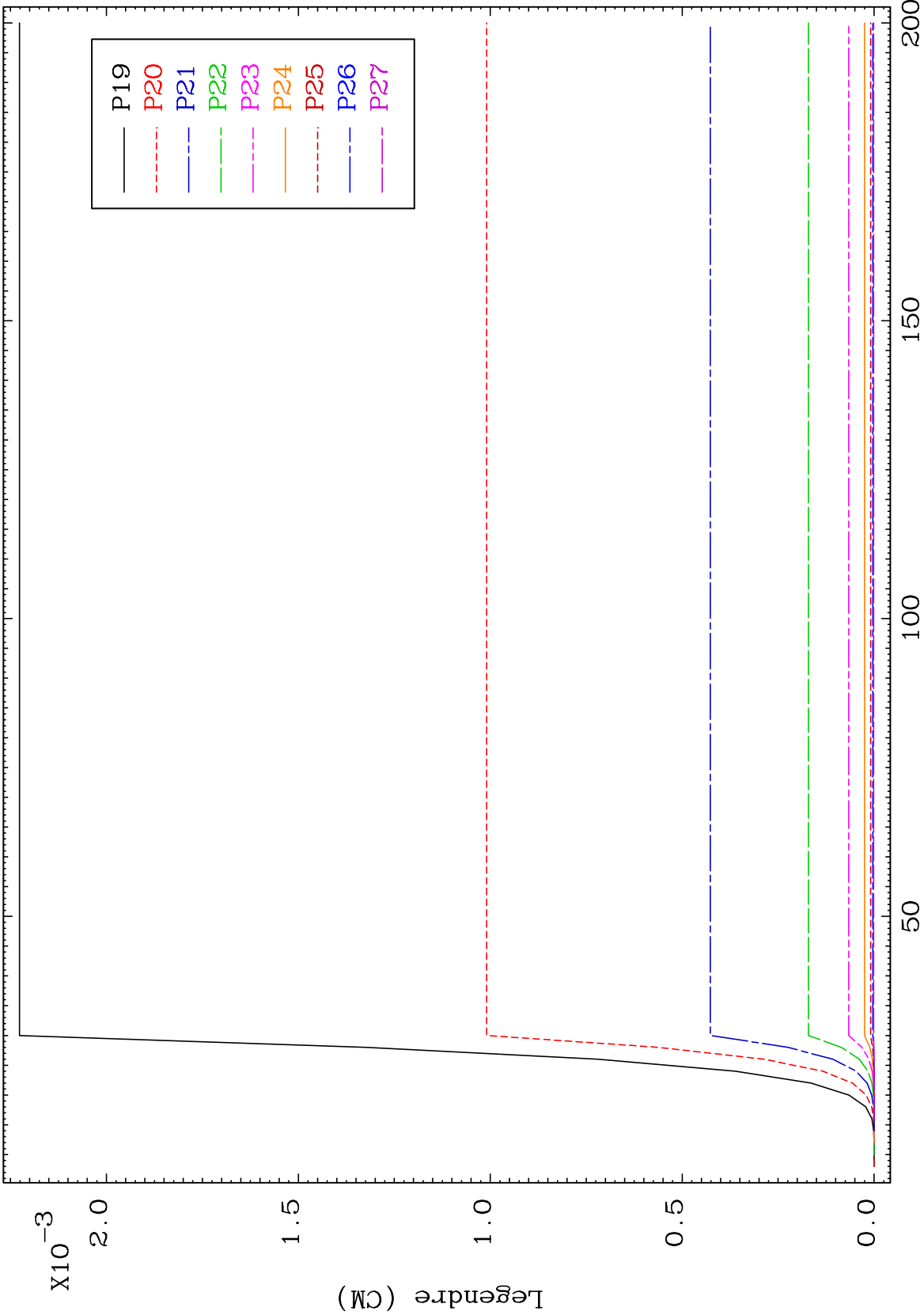




MAT 3534

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

35-Br-82



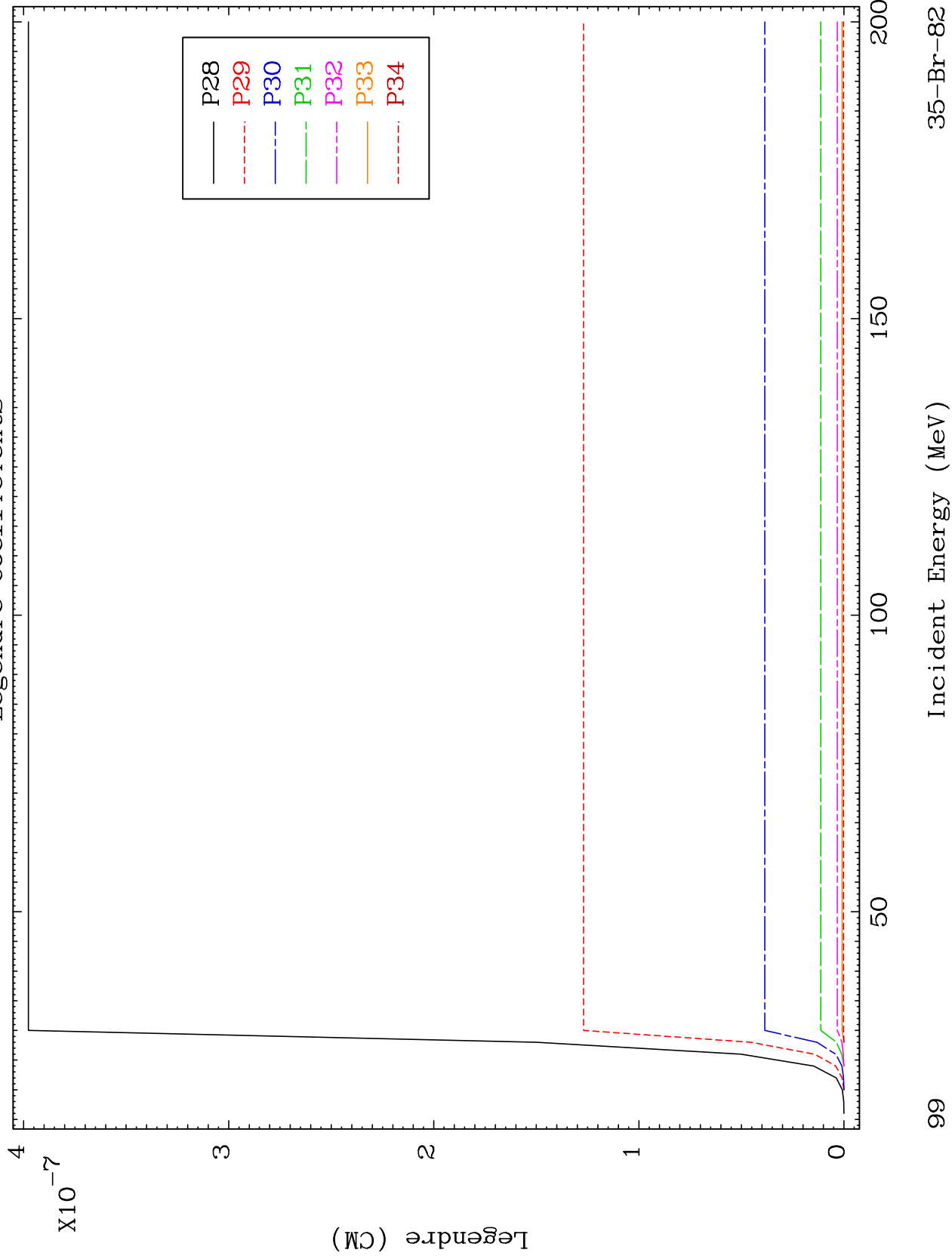
98

35-Br-82

MAT 3534

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

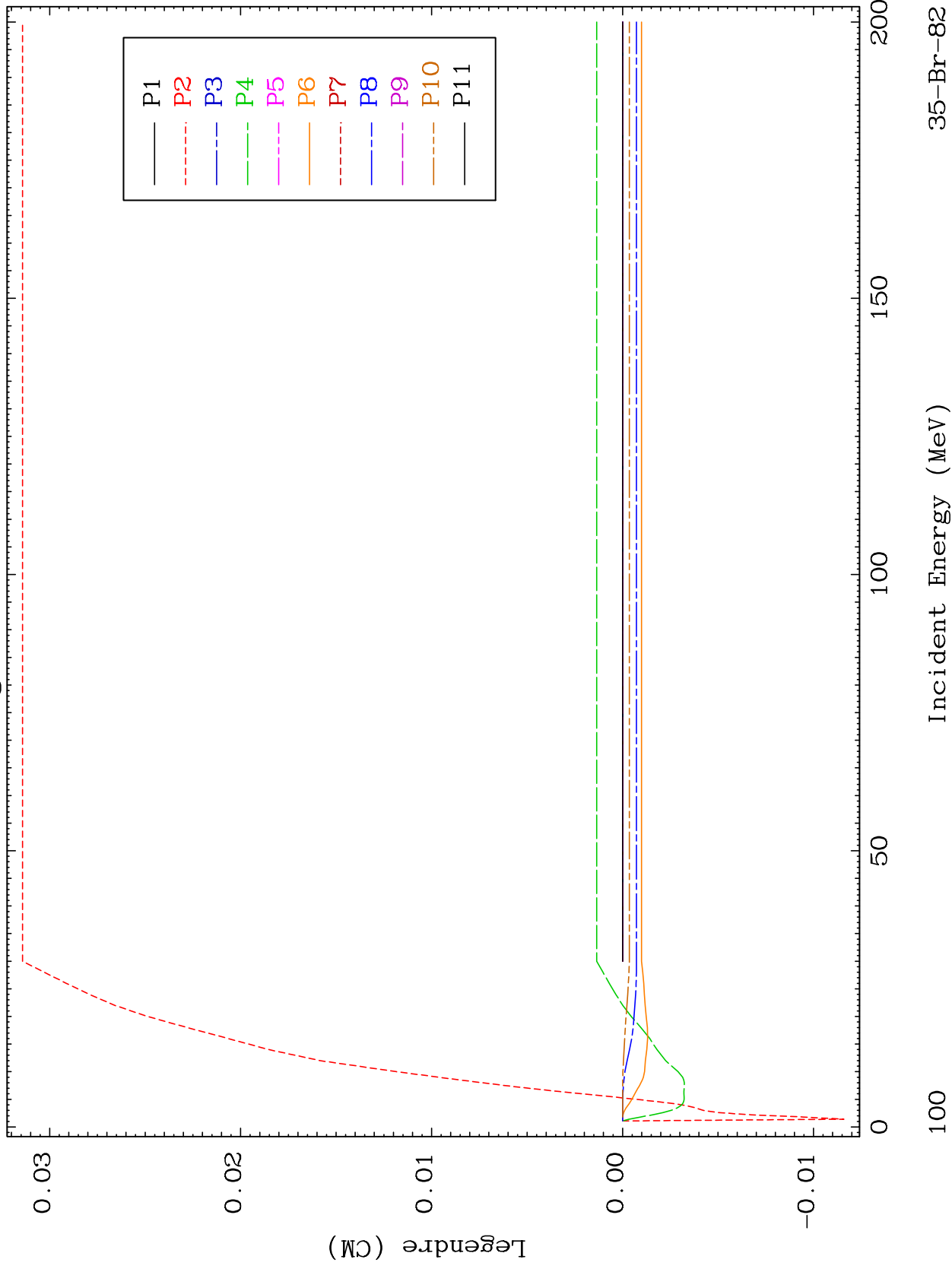
35-Br-82



MAT 3534

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

35-Br-82

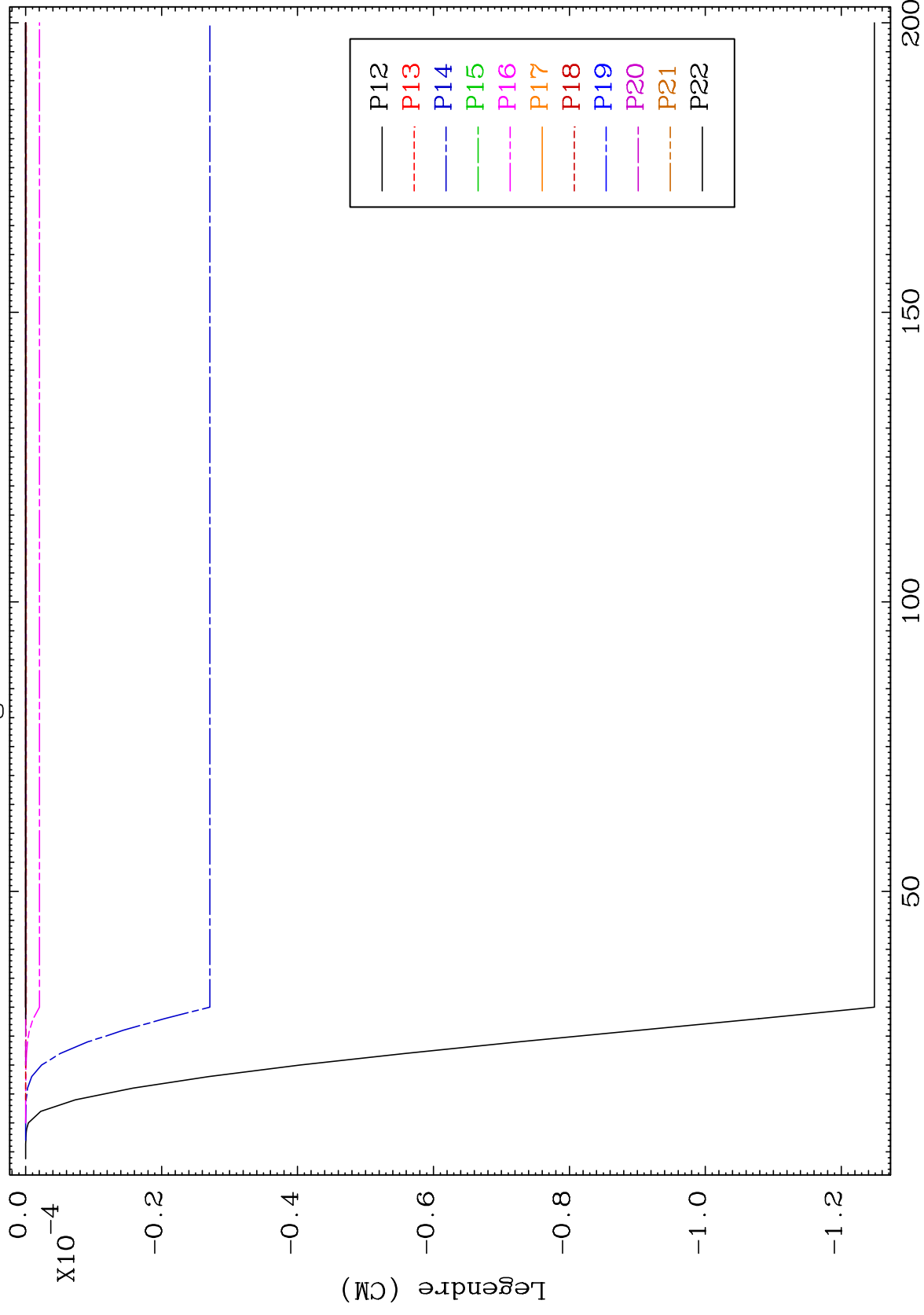


35-Br-82

MAT 3534

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

35-Br-82



101

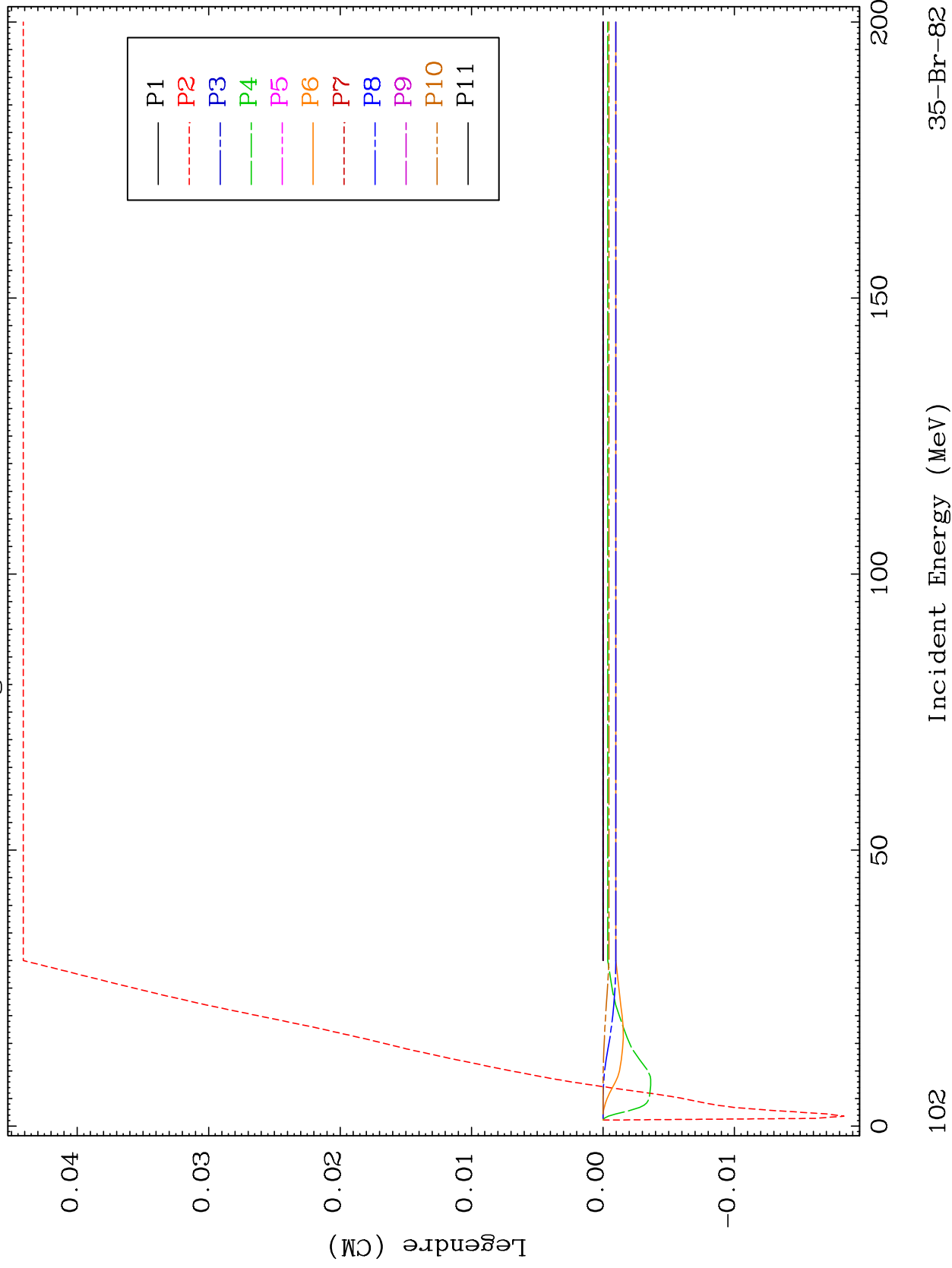
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



102

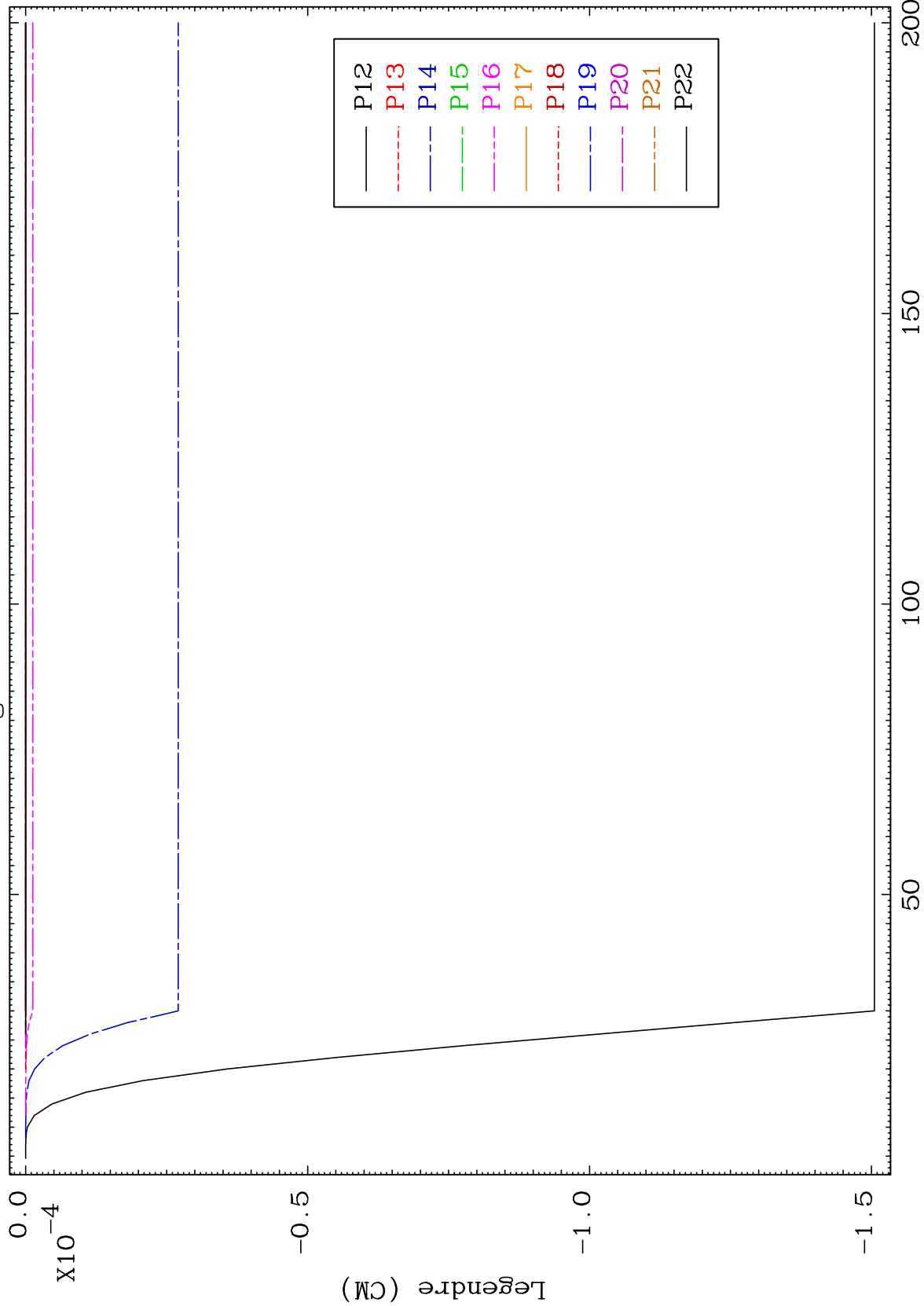
Incident Energy (MeV)

35-Br-82

MAT 3534

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

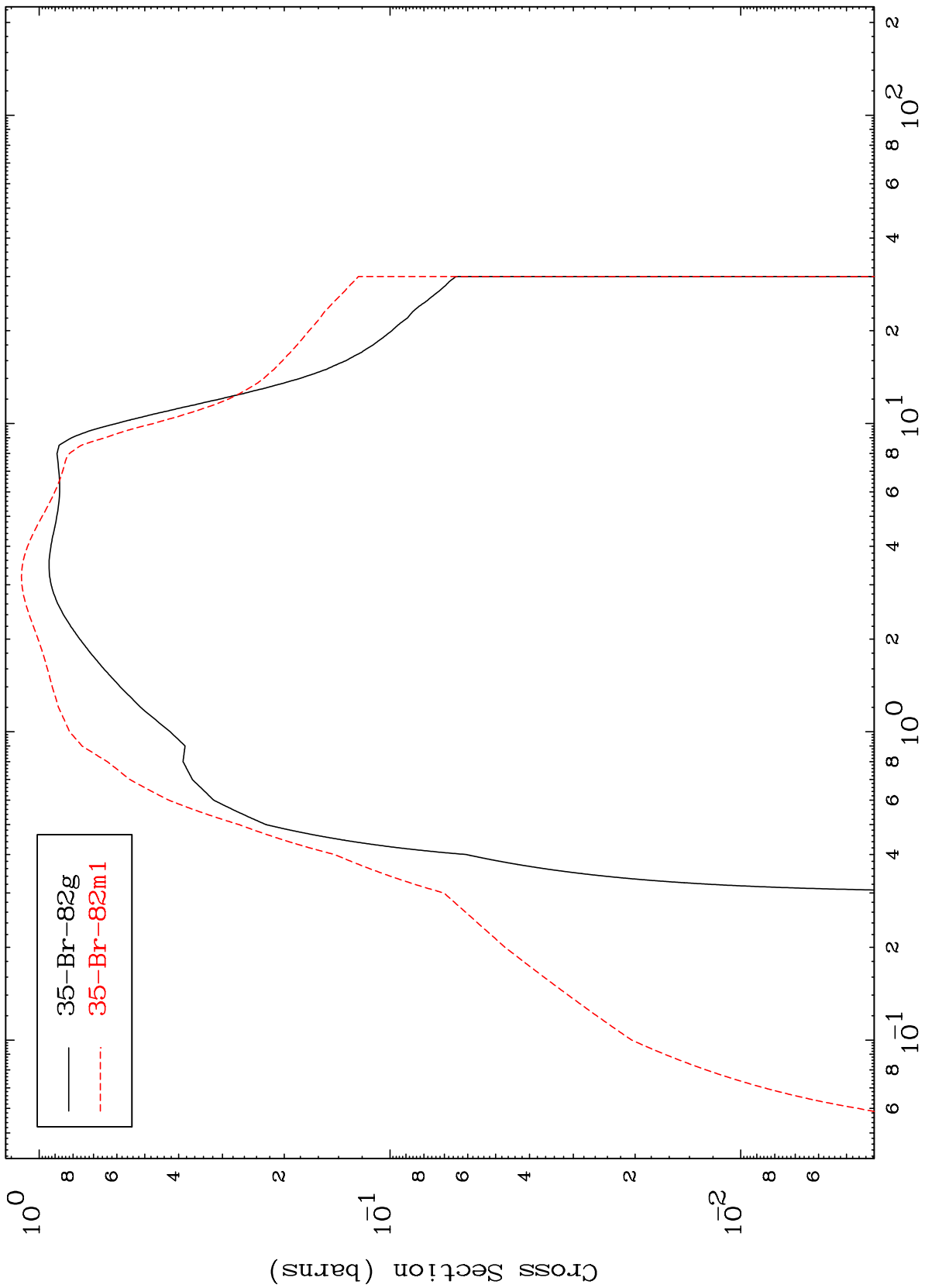
35-Br-82



MAT 3534

35-Br-82

Inelastic
Radionuclide Production Cross Section



104

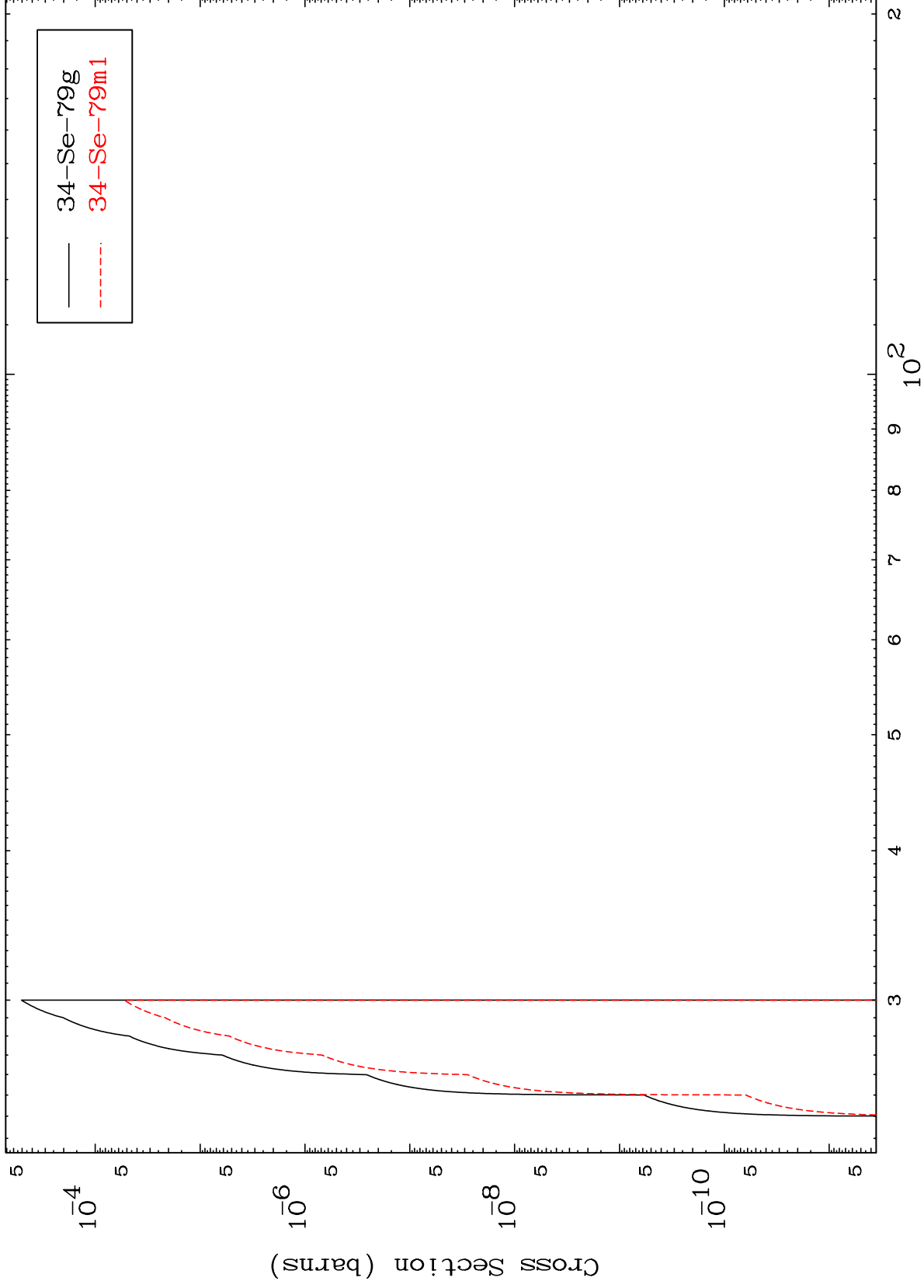
35-Br-82

MAT 3534

(n,2n) d

35-Br-82

Radionuclide Production Cross Section



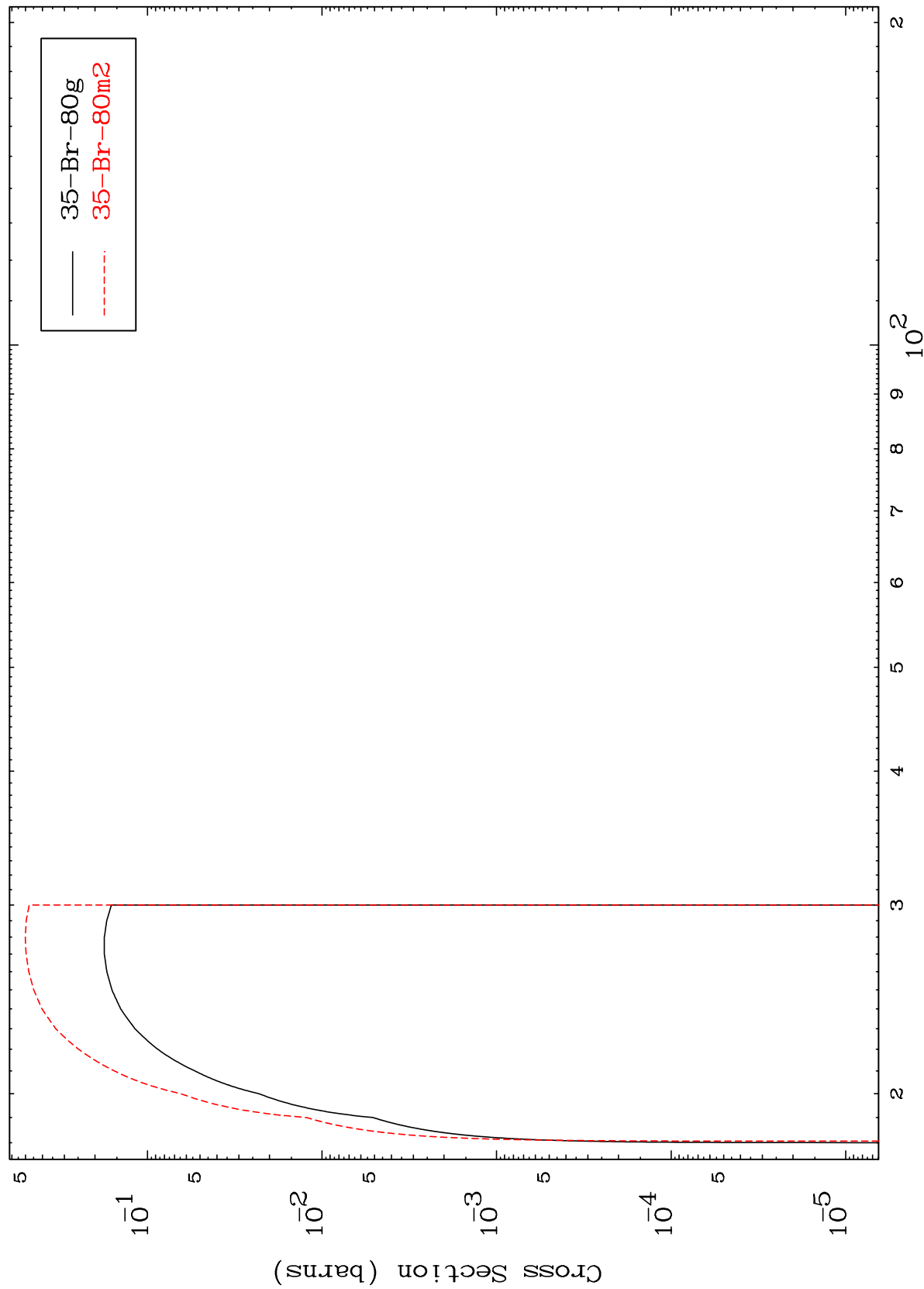
105

Incident Energy (MeV)

35-Br-82

(n,3n)

Radionuclide Production Cross Section



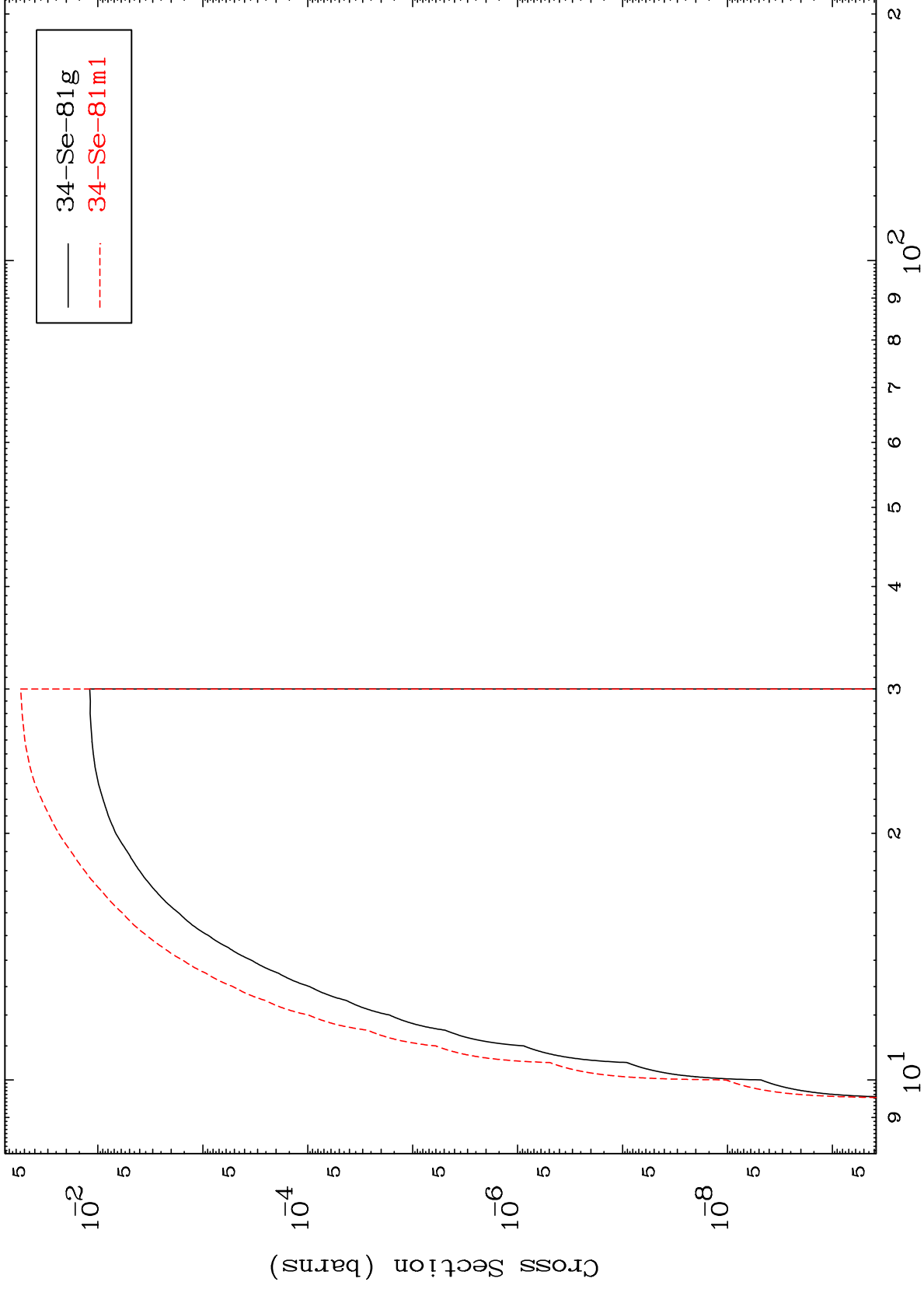
Incident Energy (MeV)

MAT 3534

(n,n') p

35-Br-82

Radionuclide Production Cross Section

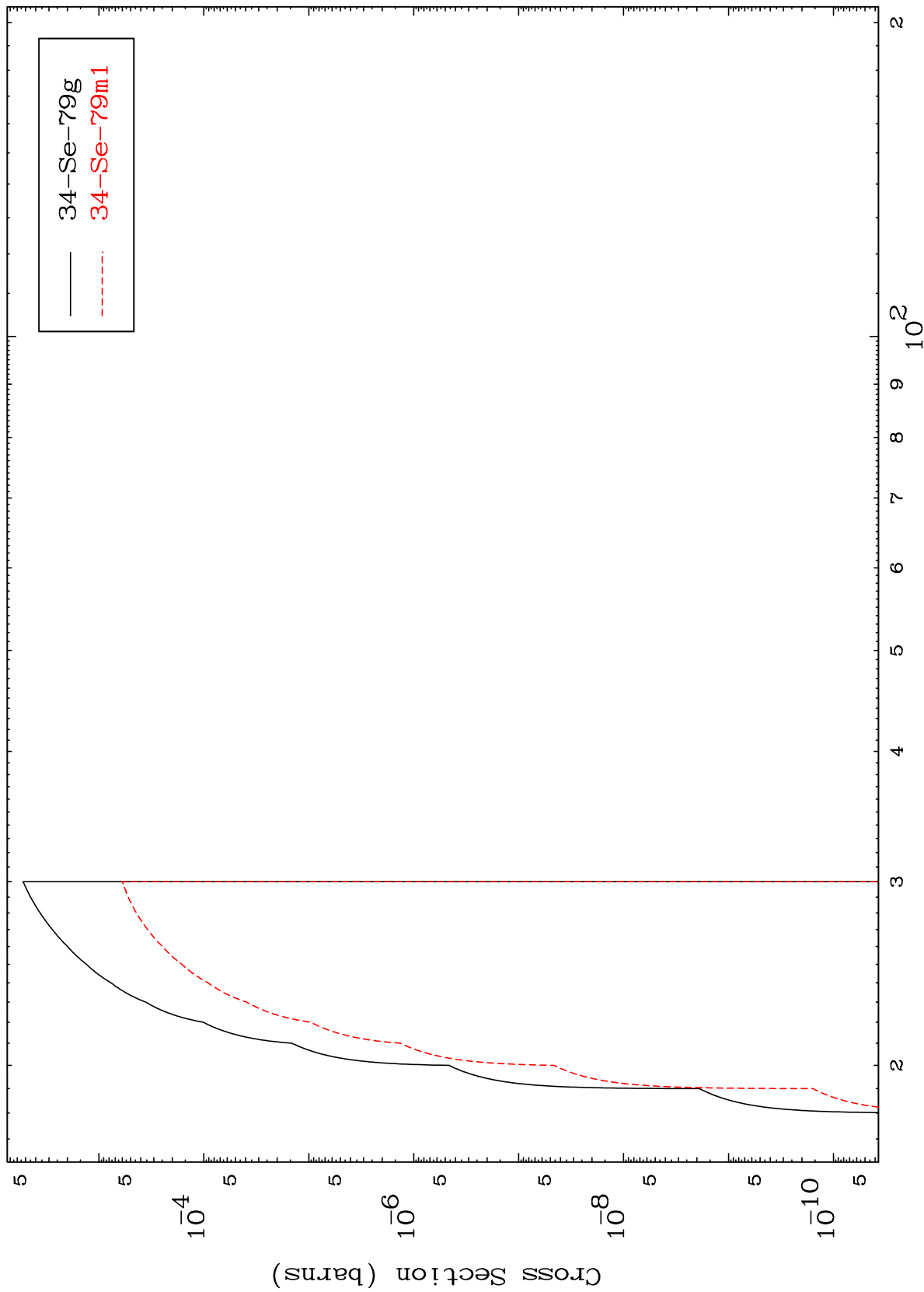


107

Incident Energy (MeV)

35-Br-82

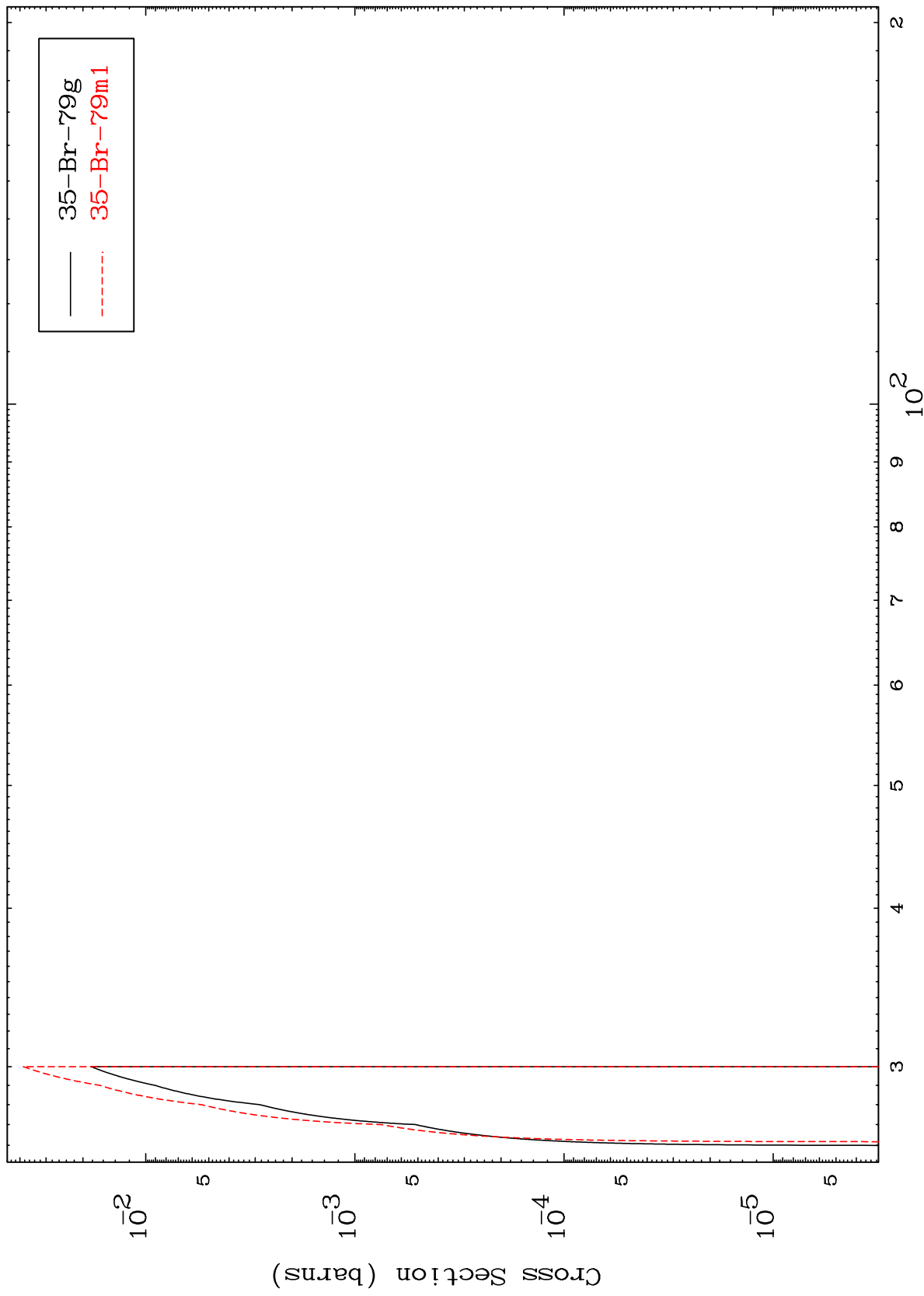
Radionuclide Production Cross Section



MAT 3534

35-Br-82

(n,4n)
Radionuclide Production Cross Section



109

Incident Energy (MeV)

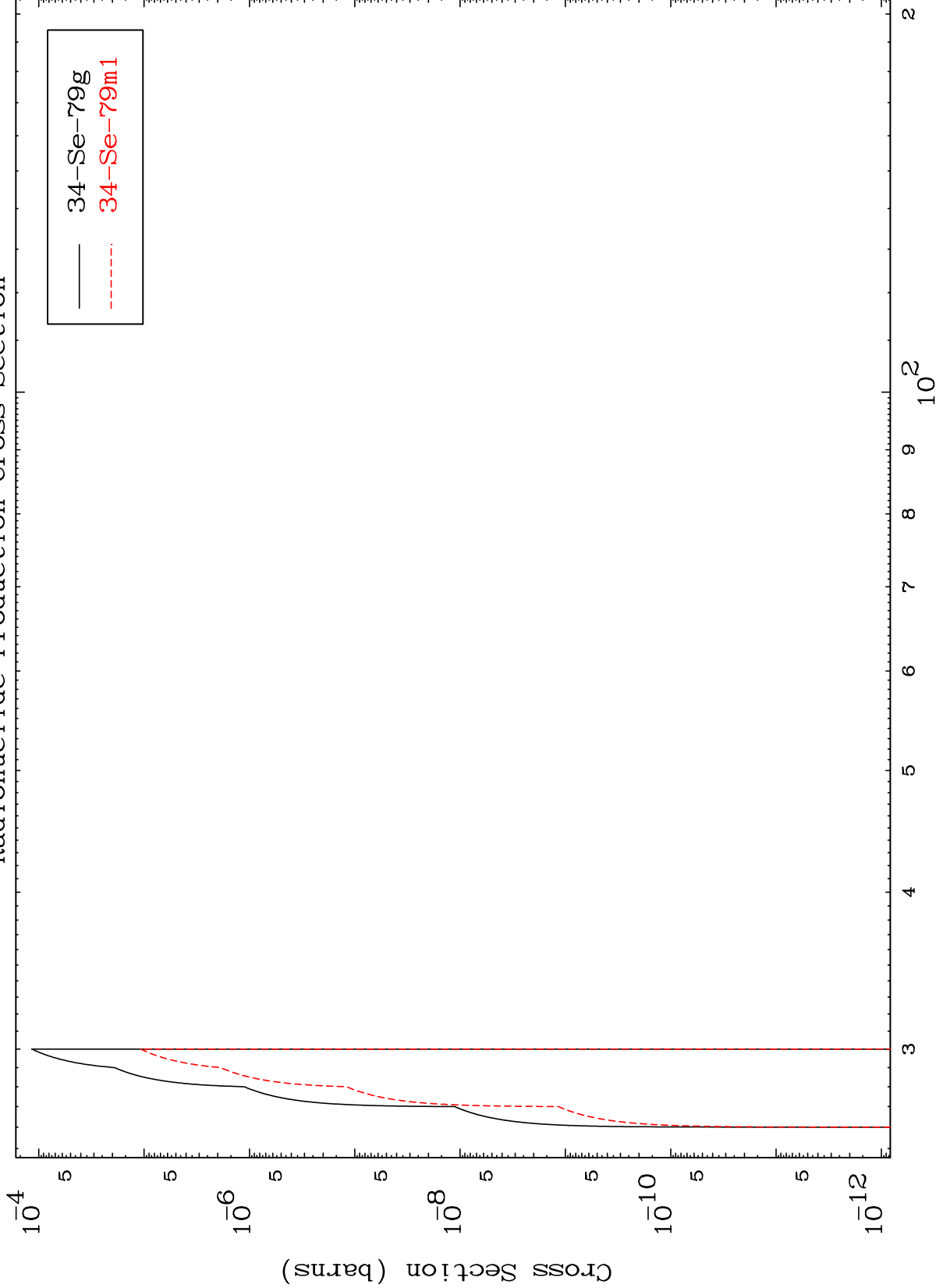
35-Br-82

MAT 3534

(n,3n) p

35-Br-82

Radionuclide Production Cross Section

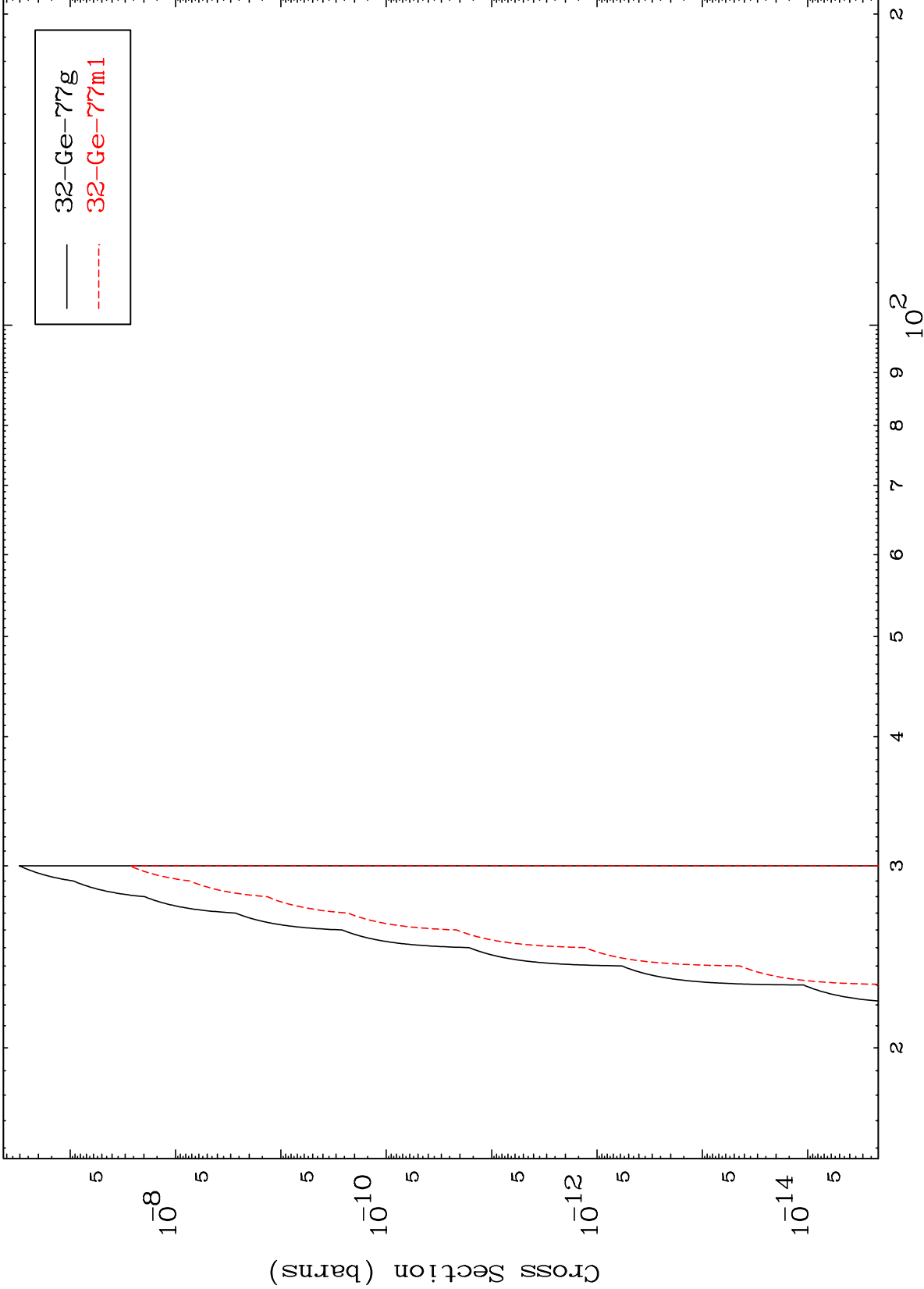


110

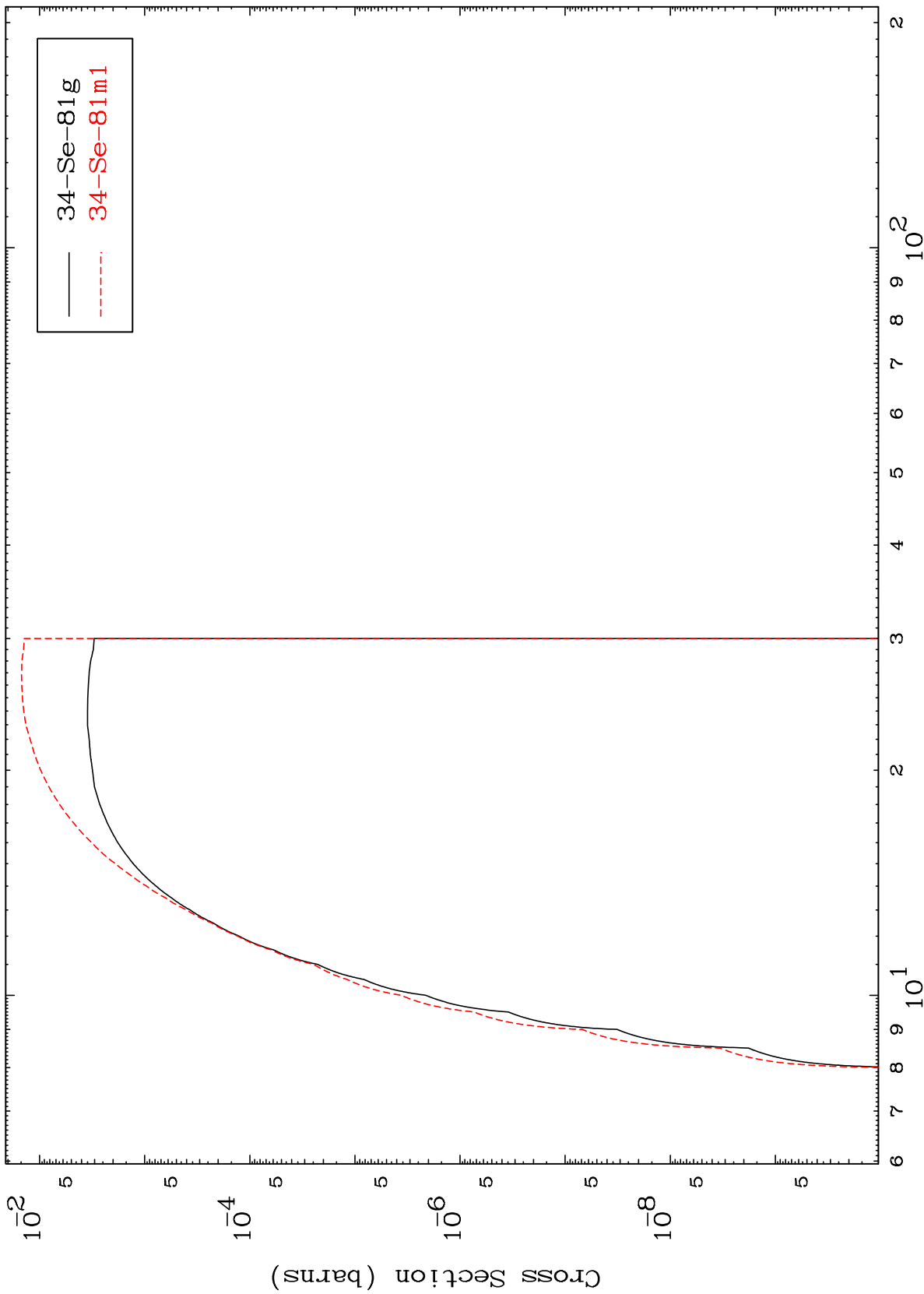
Incident Energy (MeV)

35-Br-82

Radionuclide Production Cross Section



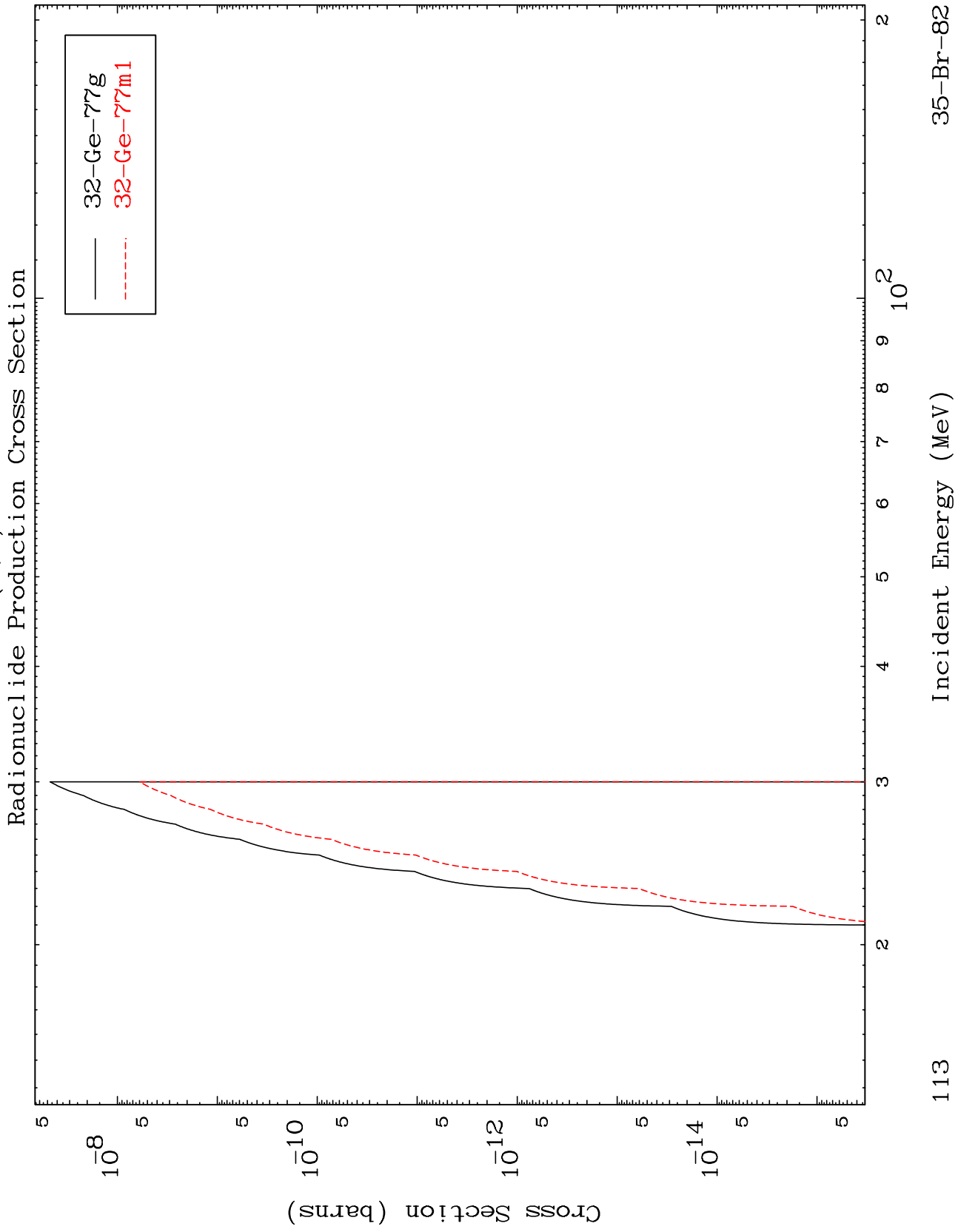
(n,d)
Radionuclide Production Cross Section



MAT 3534

(n,d) α

35-Br-82



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