

Program EVALPLOT
(Version 2018-1)

by

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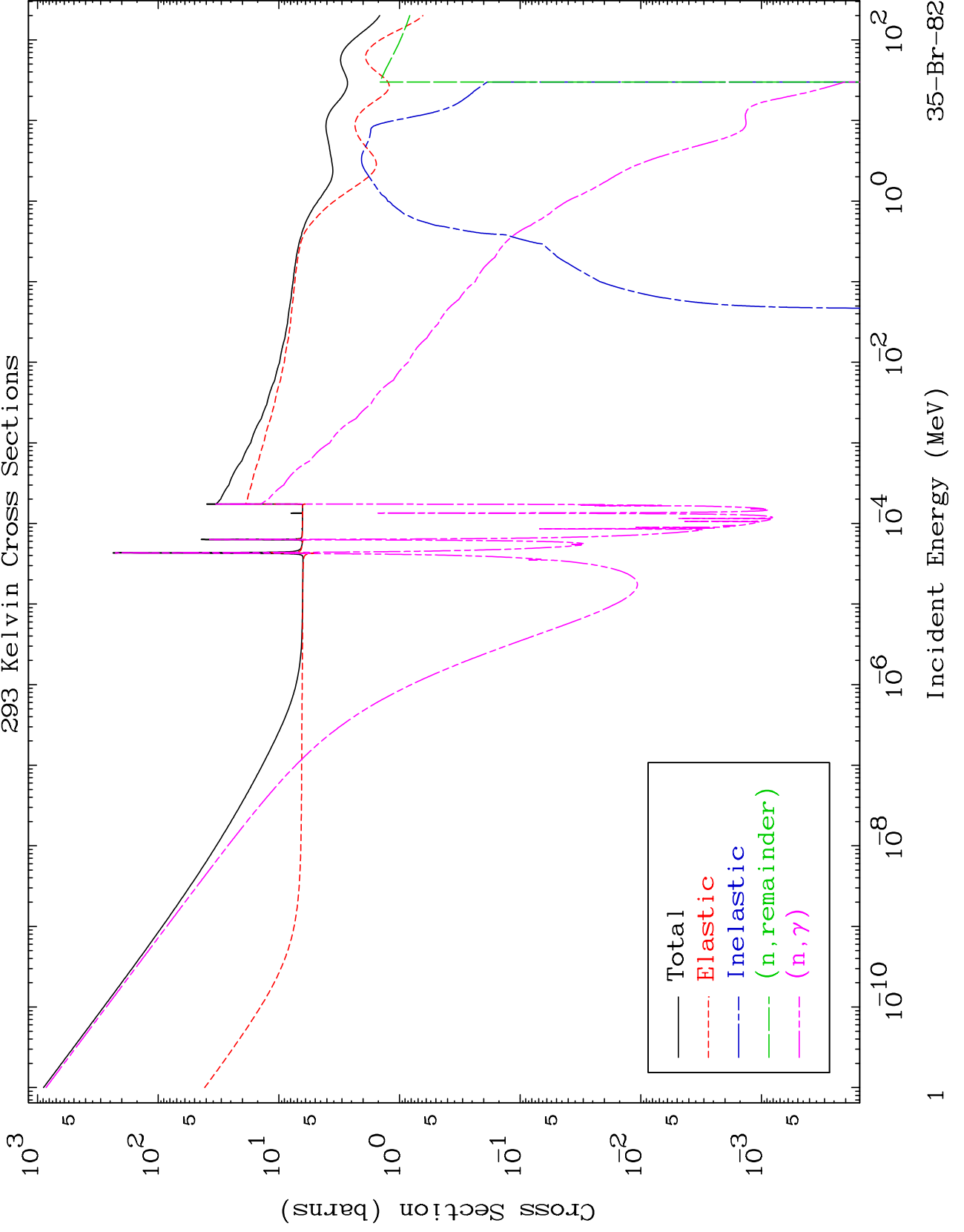
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3534

Major
293 Kelvin Cross Sections

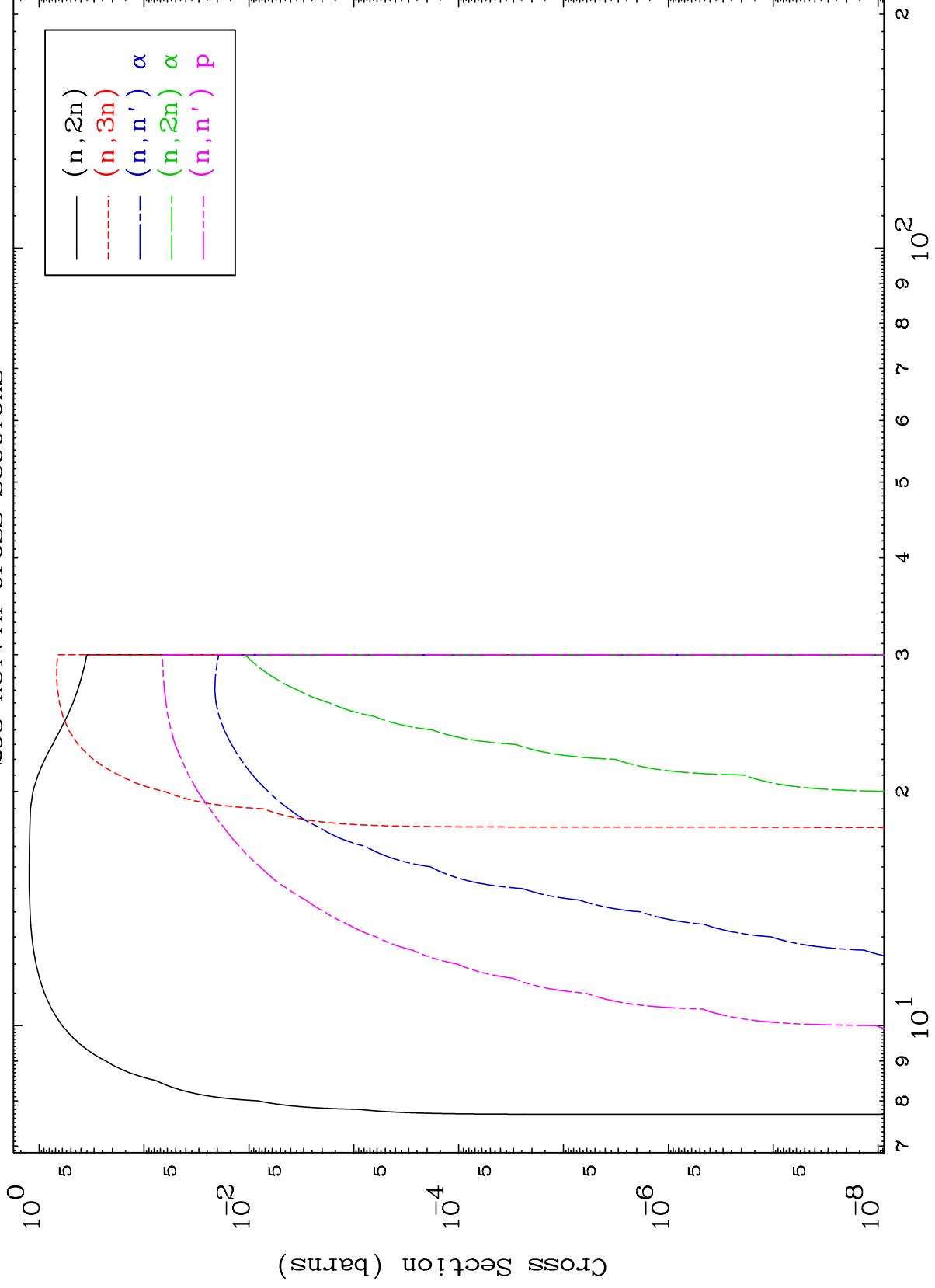
35-Br-82



MAT 3534

Neutron Production
293 Kelvin Cross Sections

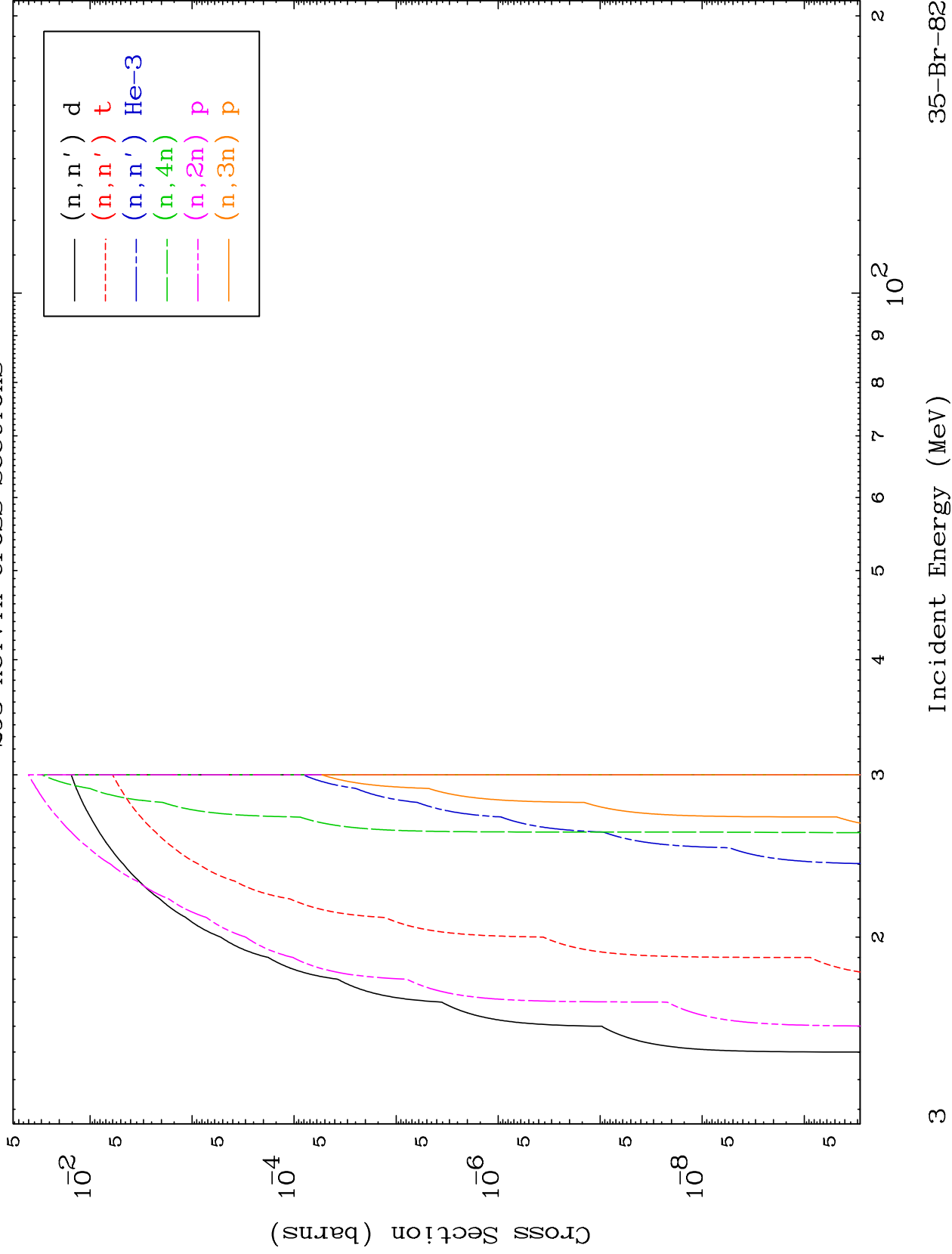
35-Br-82



2

Incident Energy (MeV)

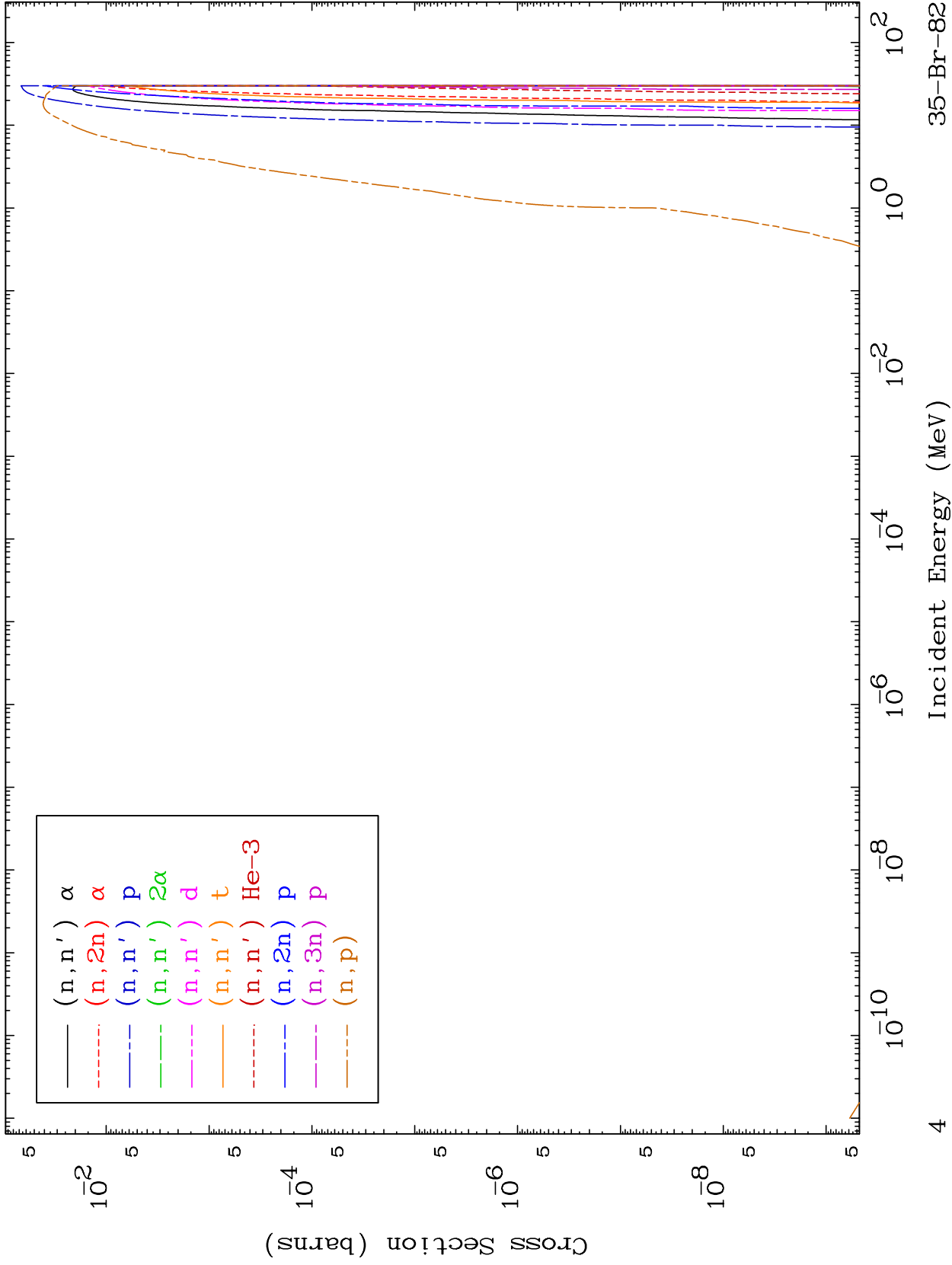
35-Br-82



MAT 3534

Charged Particle
293 Kelvin Cross Sections

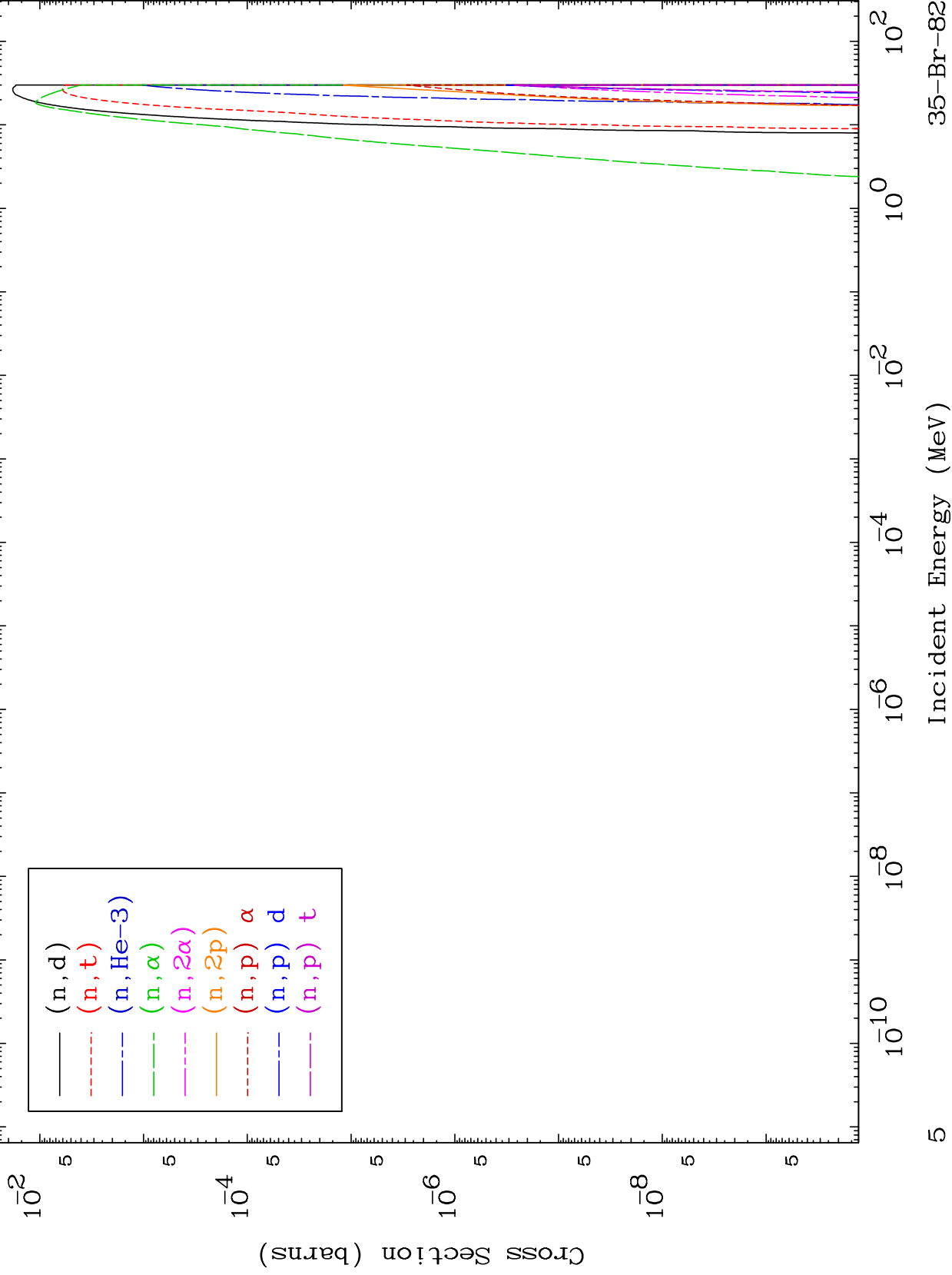
35-Br-82



MAT 3534

Charged Particle
293 Kelvin Cross Sections

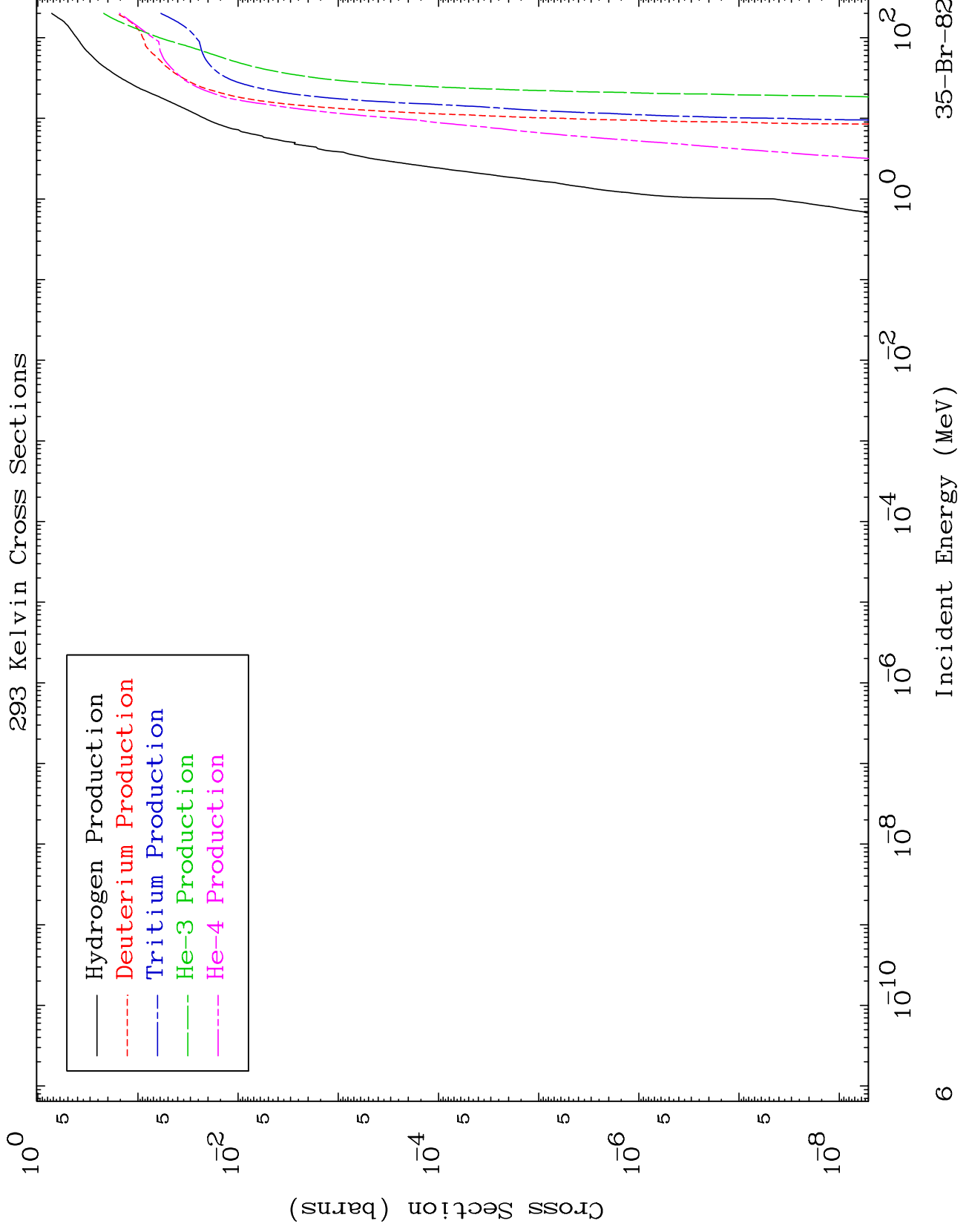
35-Br-82



MAT 3534

Particle Production
293 Kelvin Cross Sections

35-Br-82

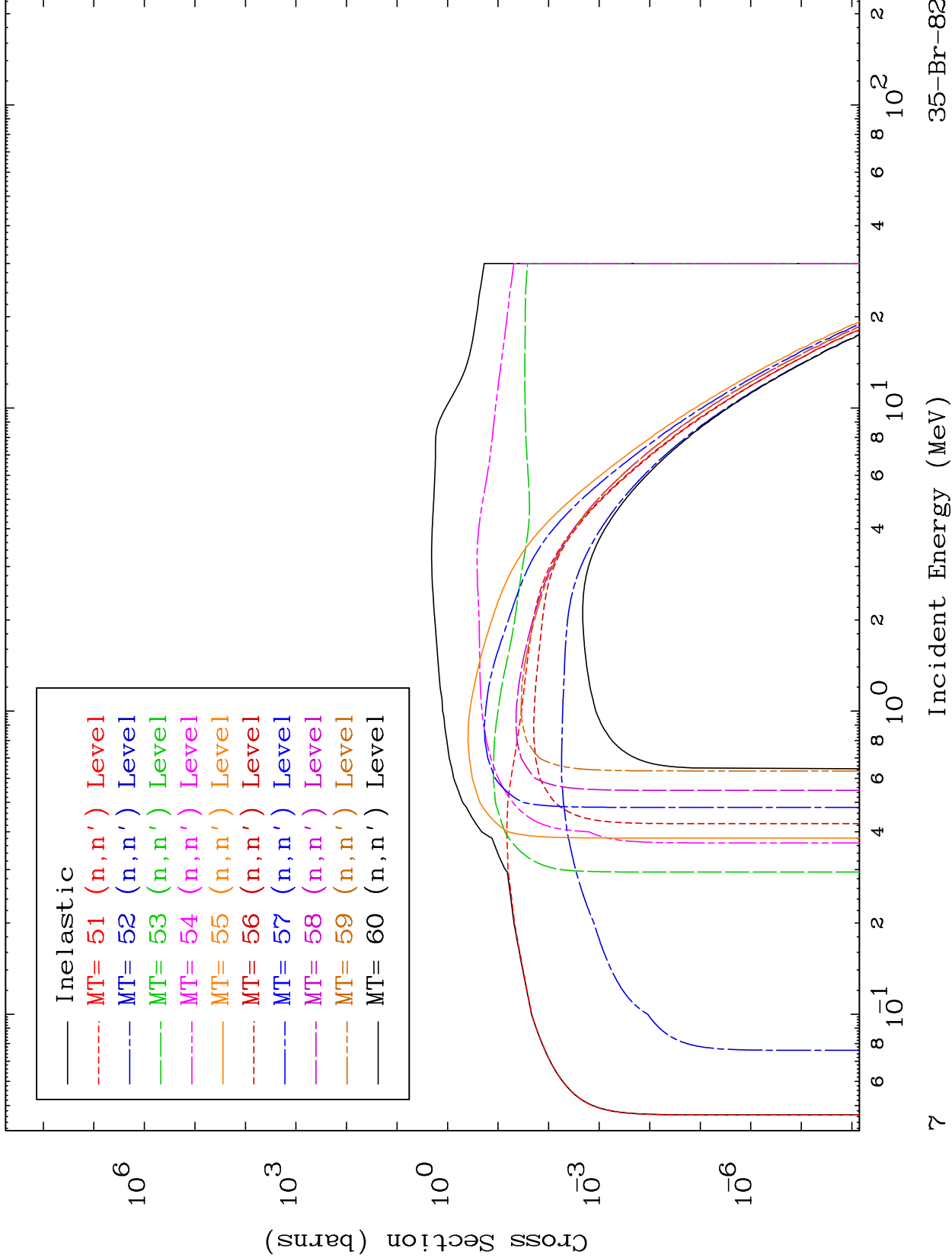


MAT 3534

(n,n') Level

35-Br-82

293 Kelvin Cross Sections

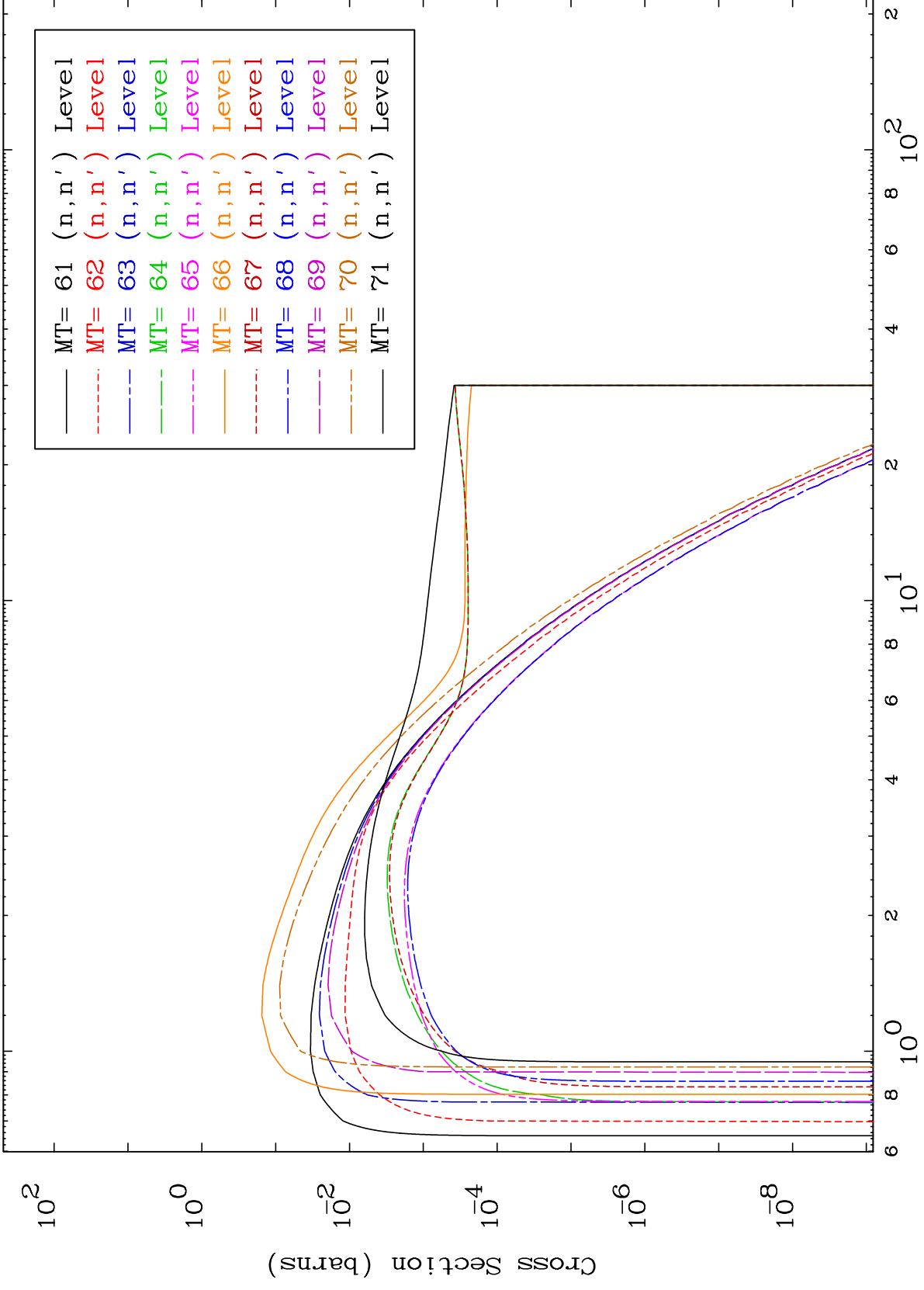


MAT 3534

(n,n') Level

35-Br-82

293 Kelvin Cross Sections



Incident Energy (MeV)

35-Br-82

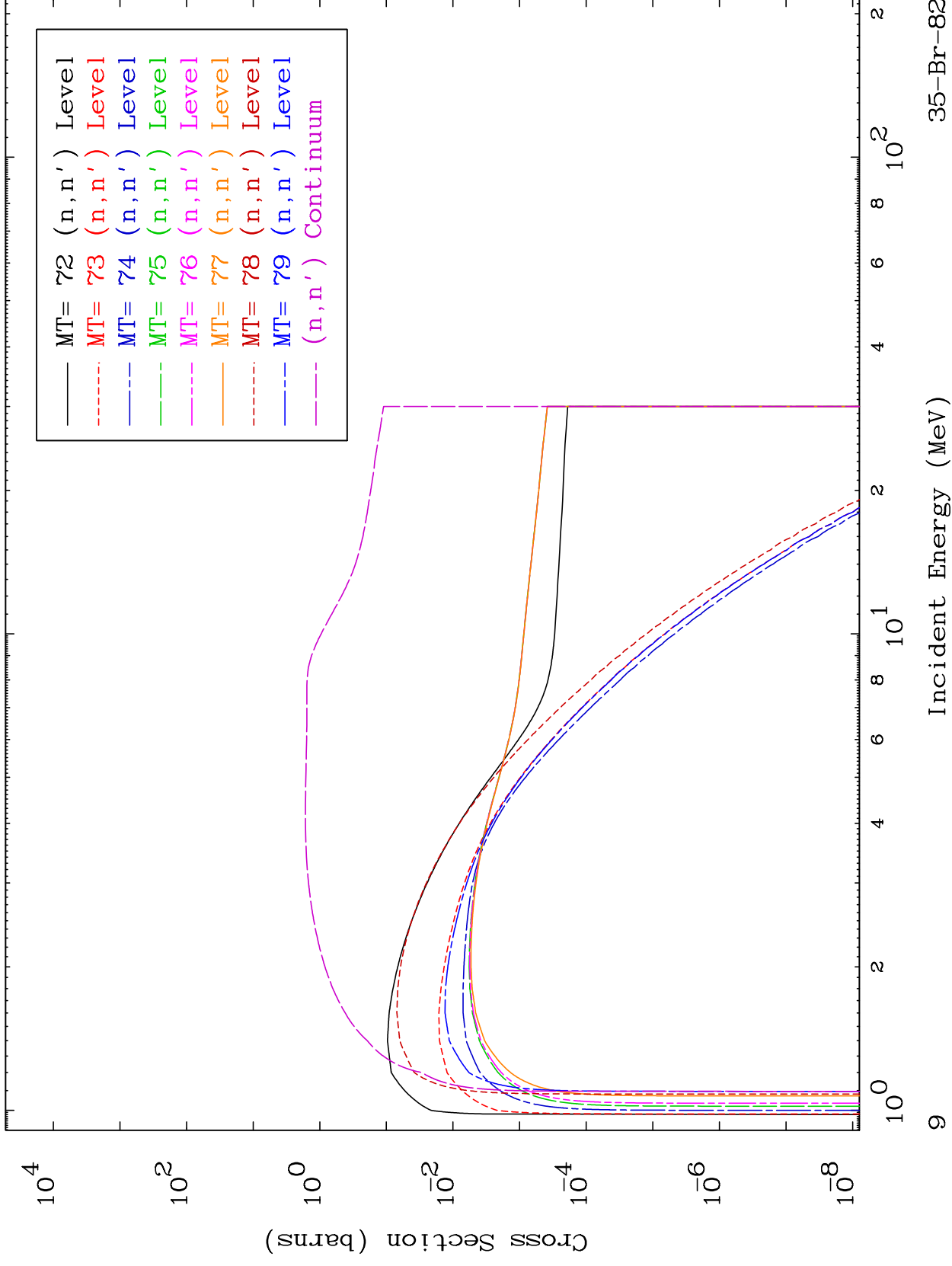
8

MAT 3534

(n,n') Level

35-Br-82

293 Kelvin Cross Sections



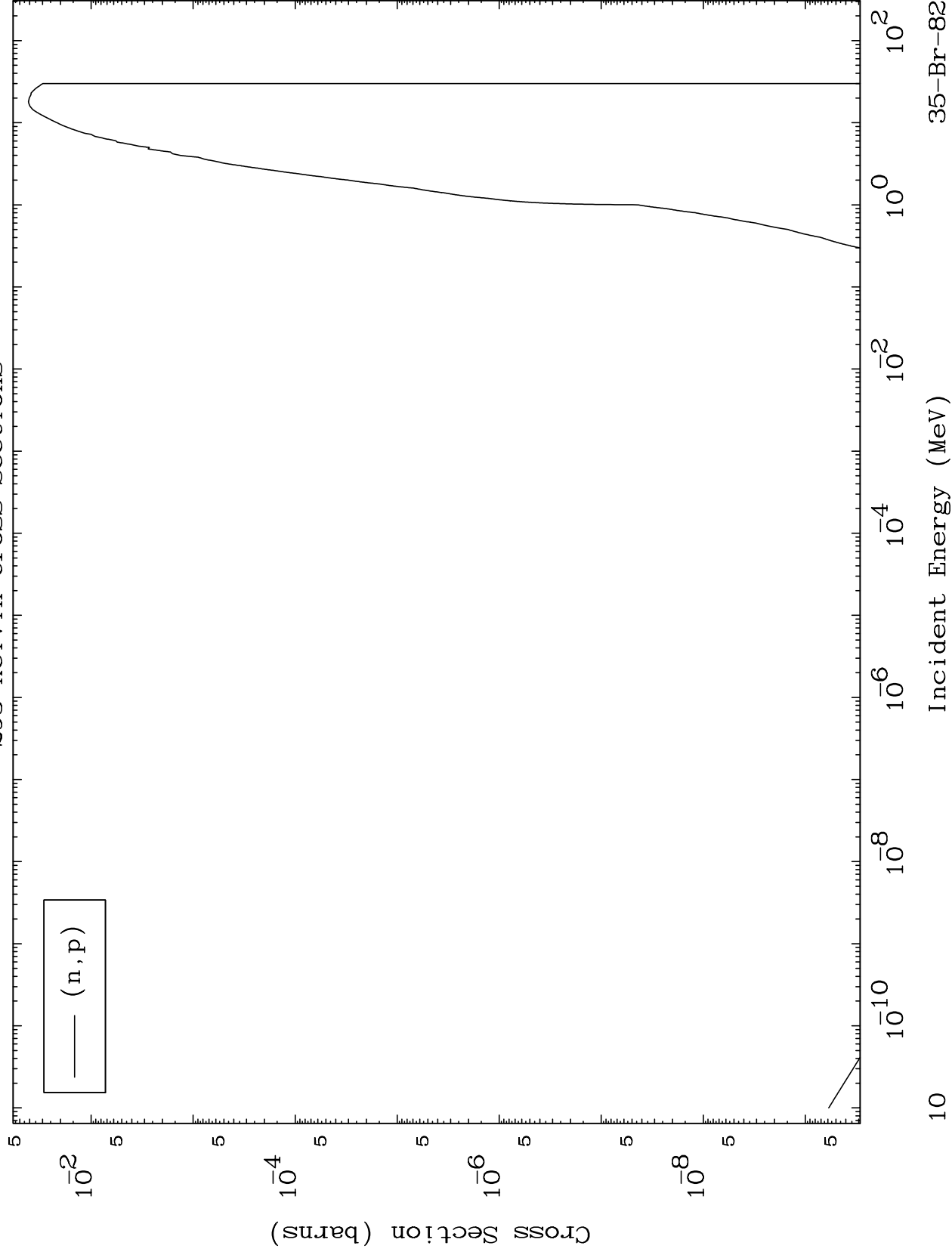
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,p) Levels
293 Kelvin Cross Sections

35-Br-82



10

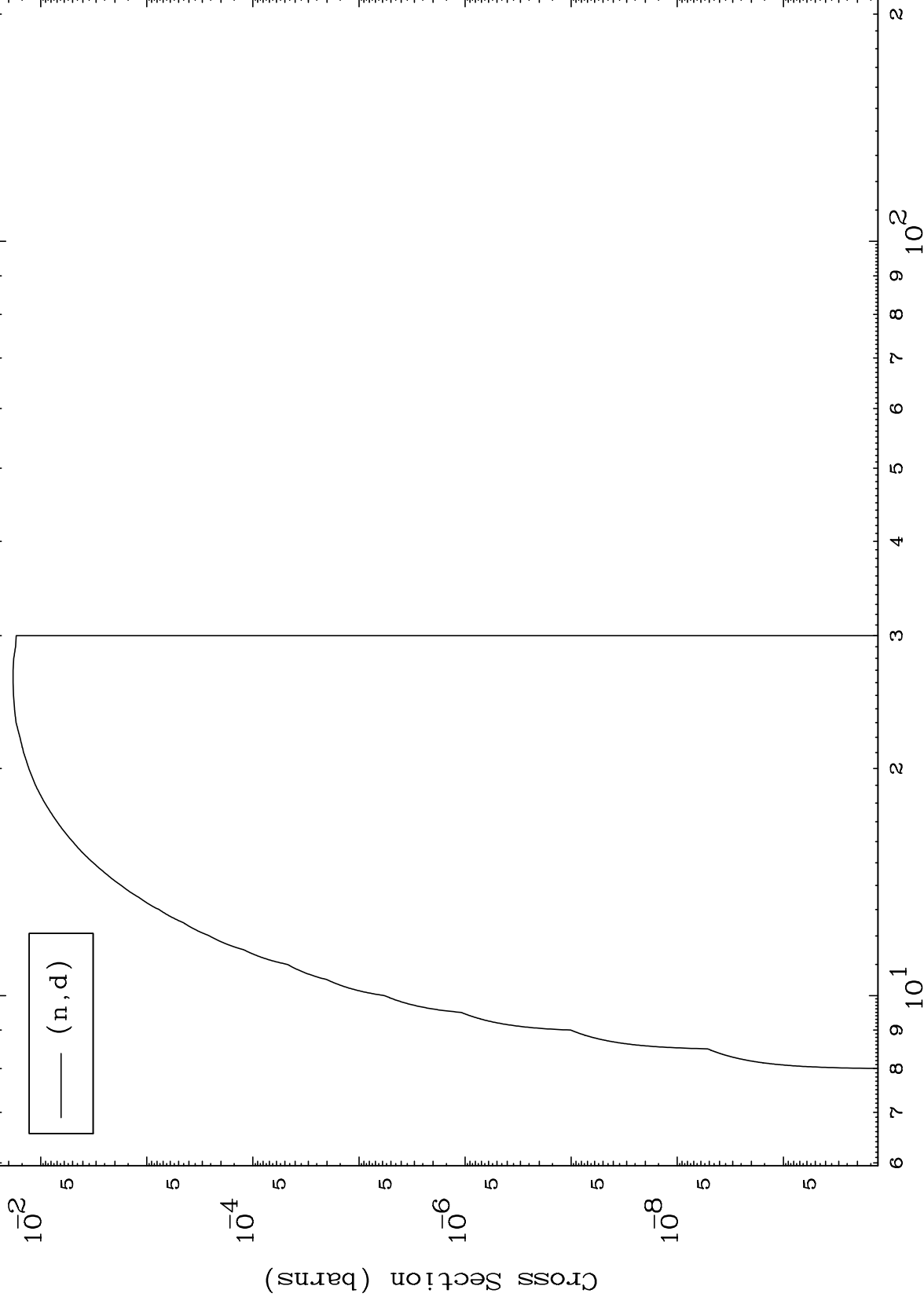
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,d) Levels
293 Kelvin Cross Sections

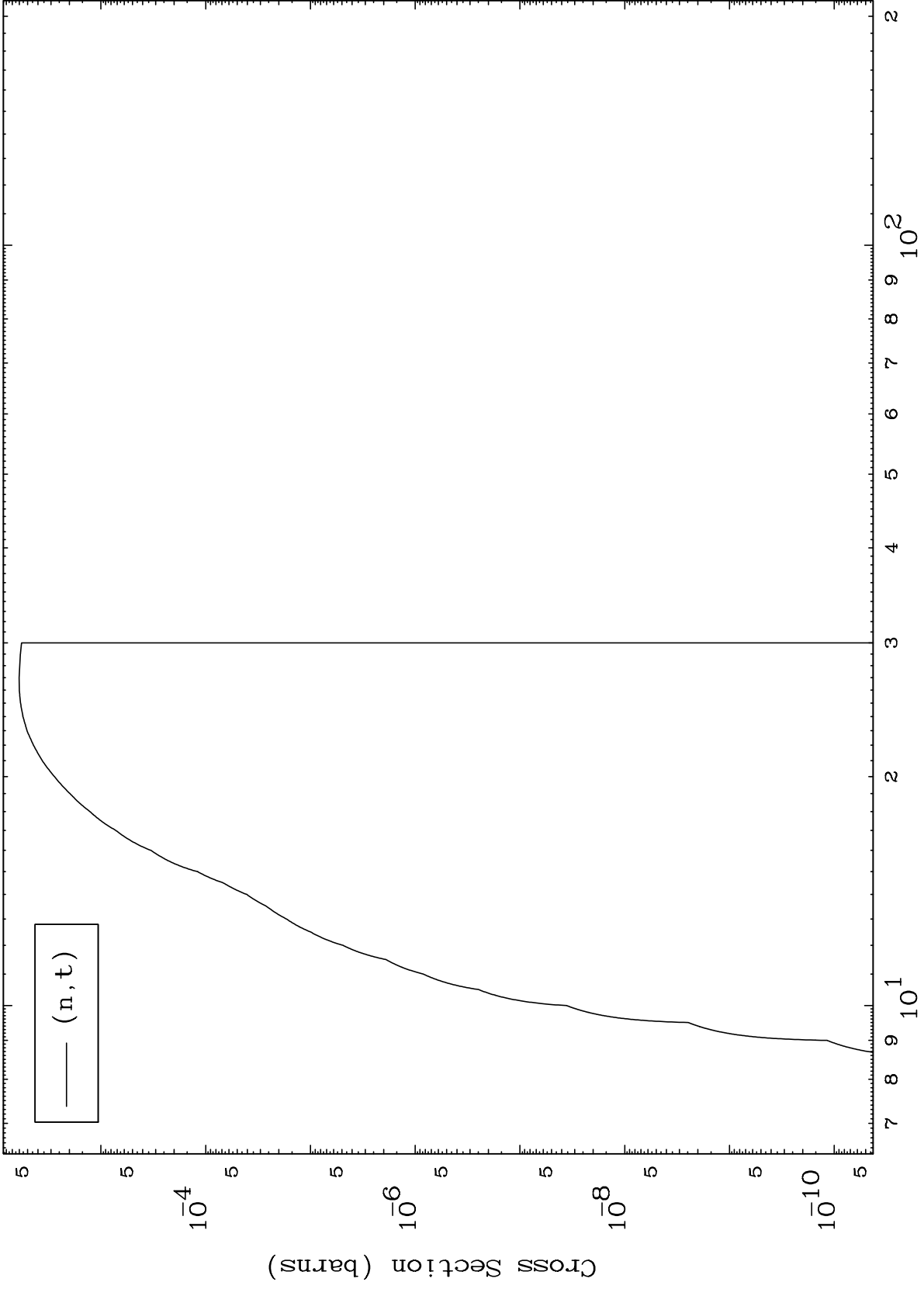
35-Br-82



MAT 3534

(n,t) Levels
293 Kelvin Cross Sections

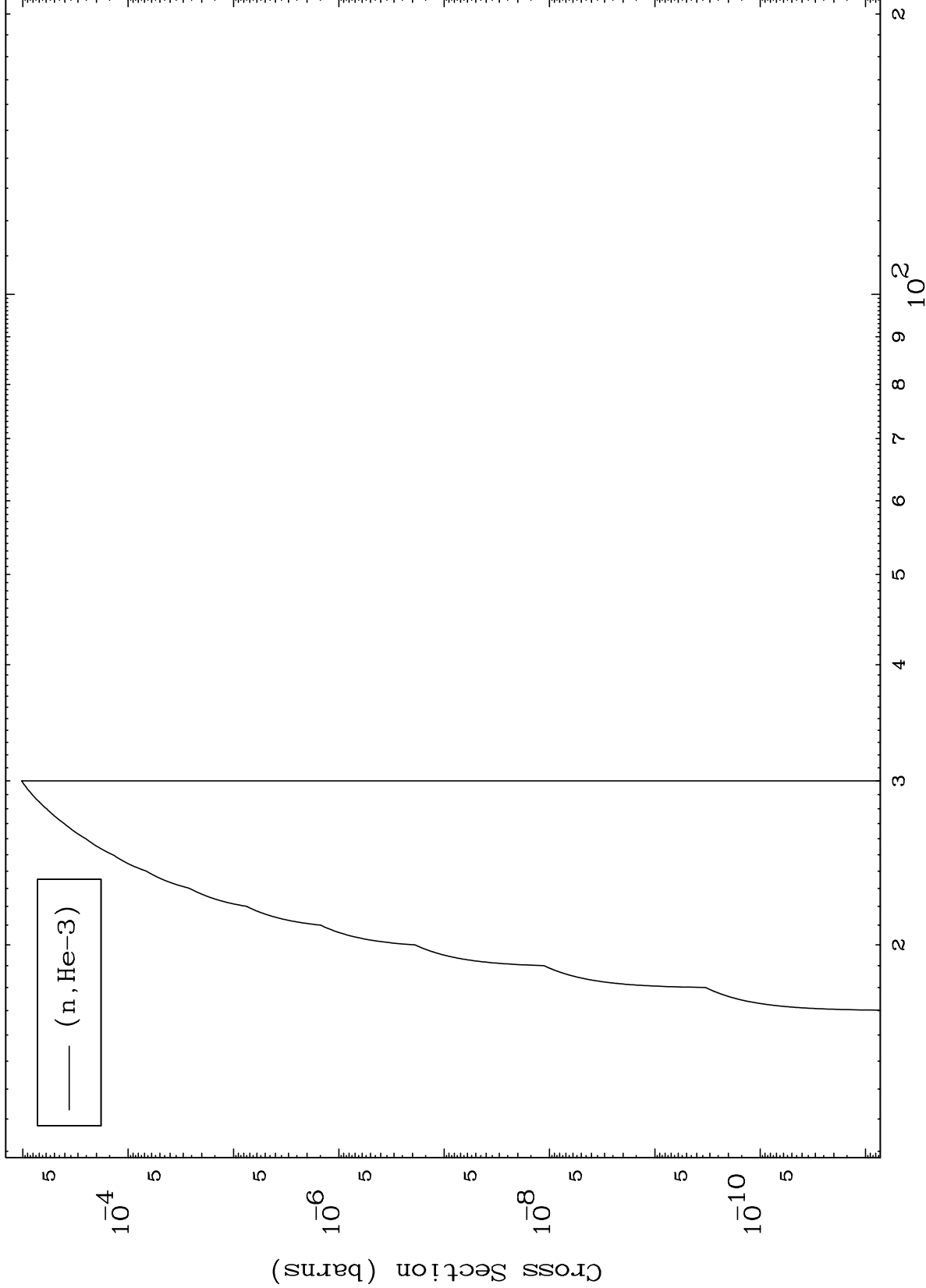
35-Br-82



12

Incident Energy (MeV)

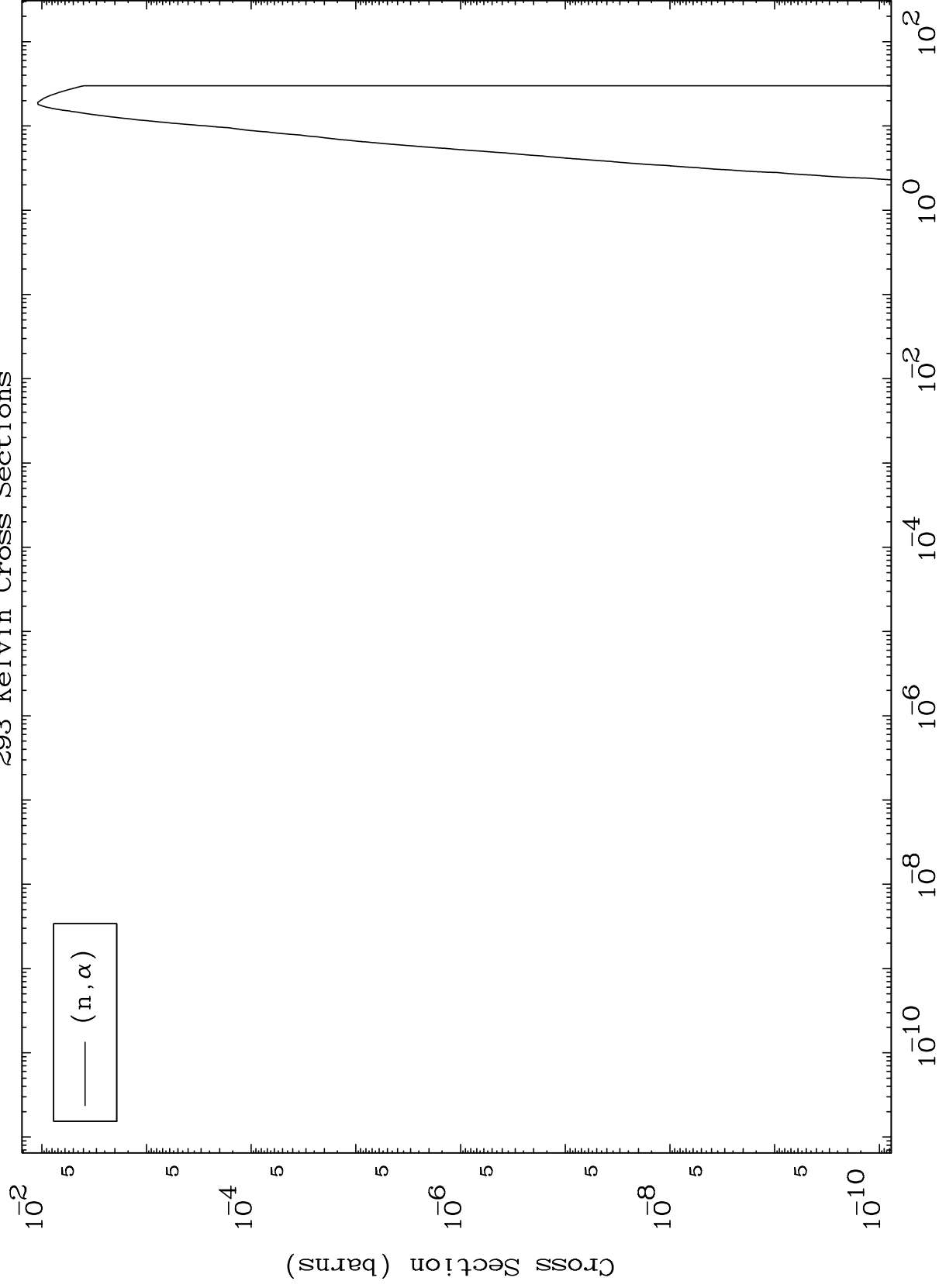
35-Br-82

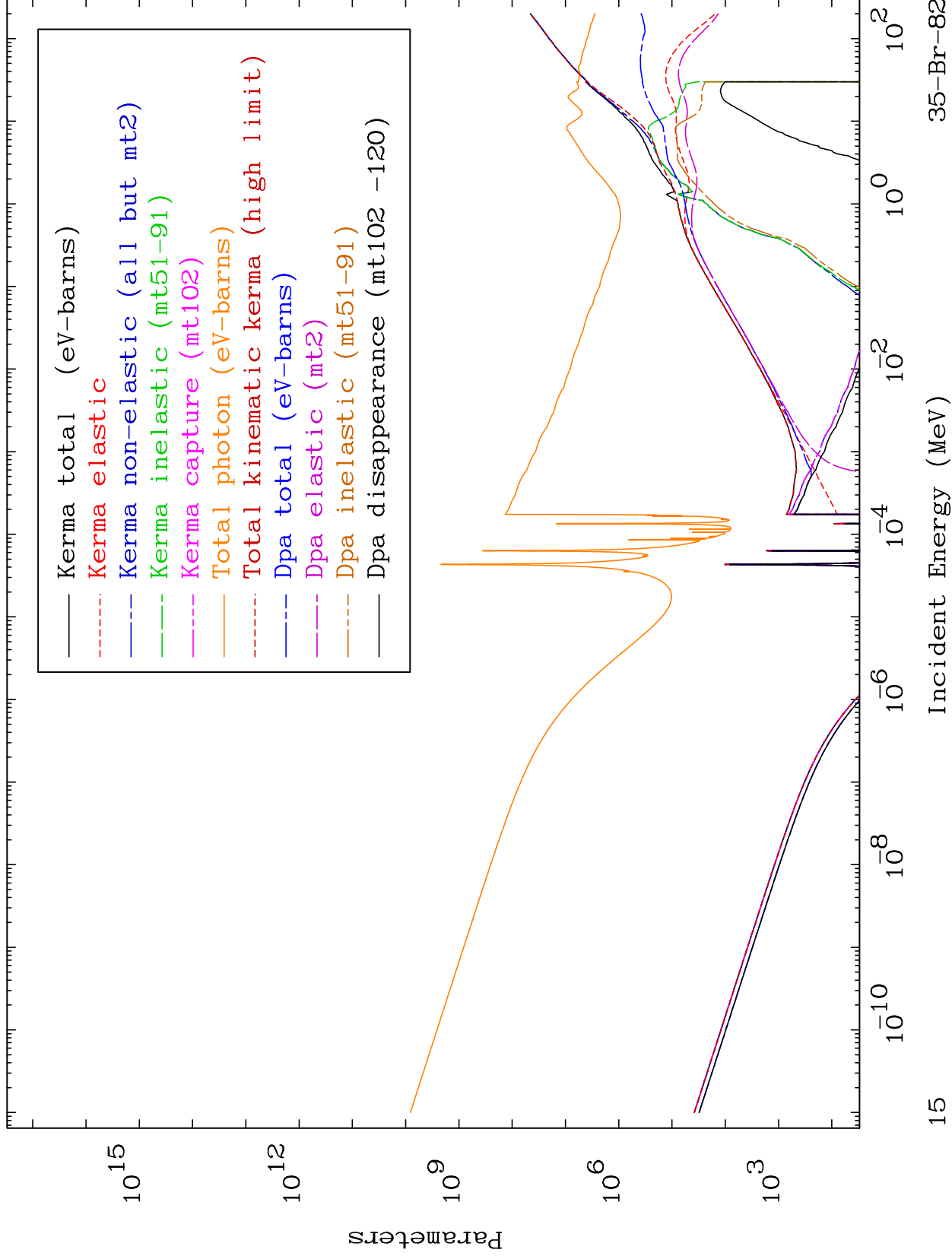


MAT 3534

(n, α) Levels
293 Kelvin Cross Sections

35-Br-82

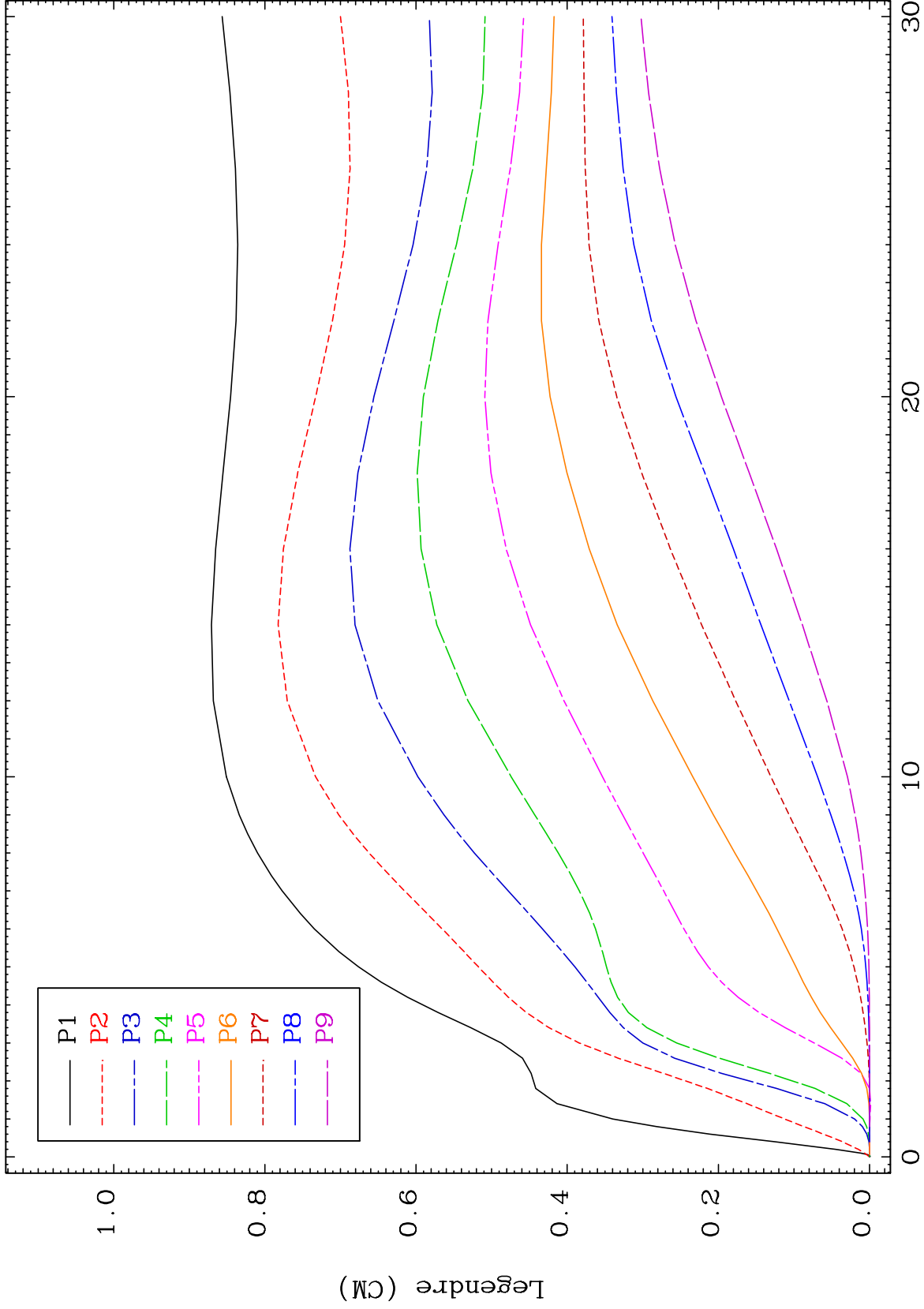




MAT 3534

Elastic Legendre Coefficients

35-Br-82



16

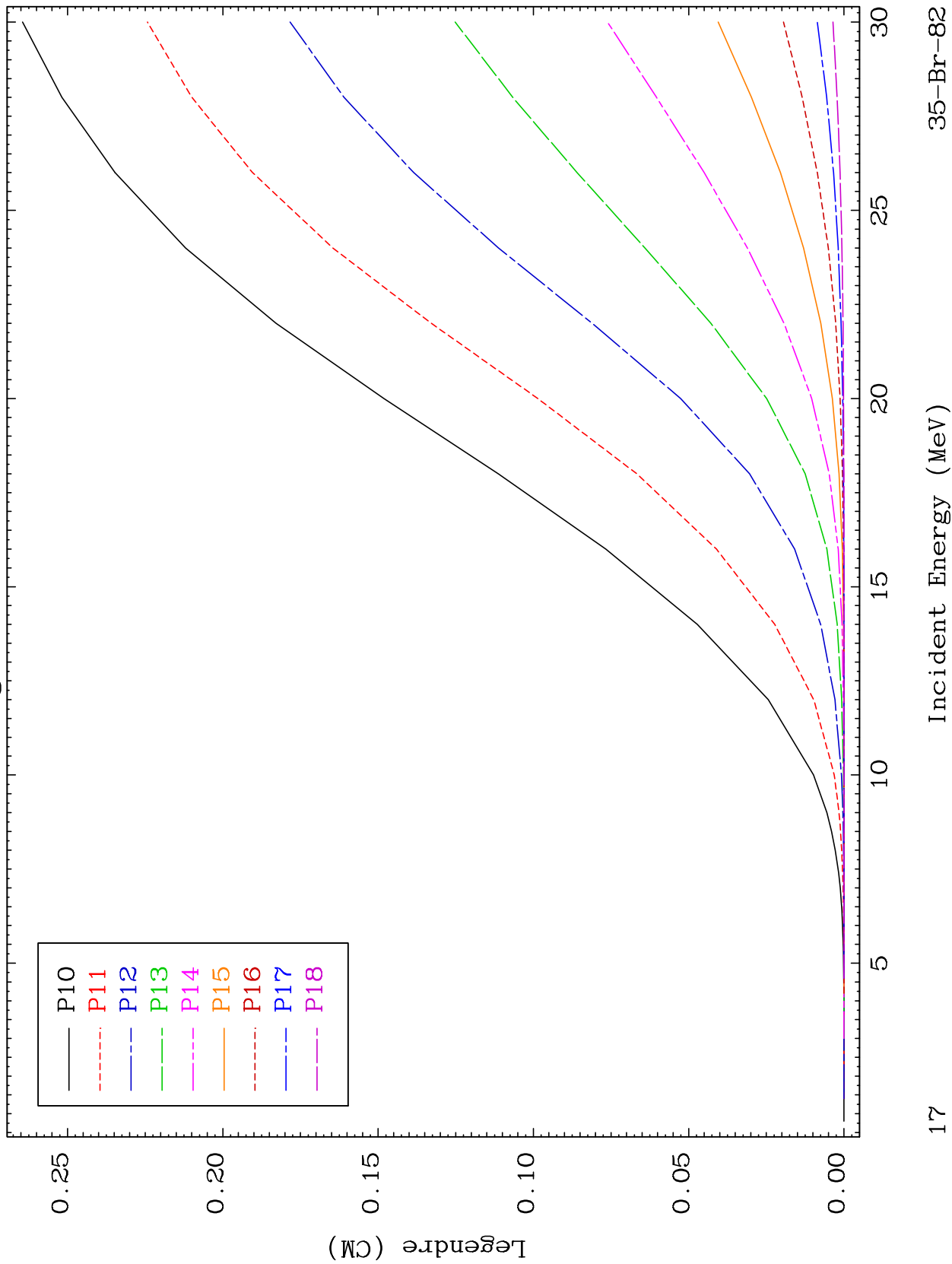
Incident Energy (MeV)

35-Br-82

MAT 3534

Elastic Legendre Coefficients

35-Br-82

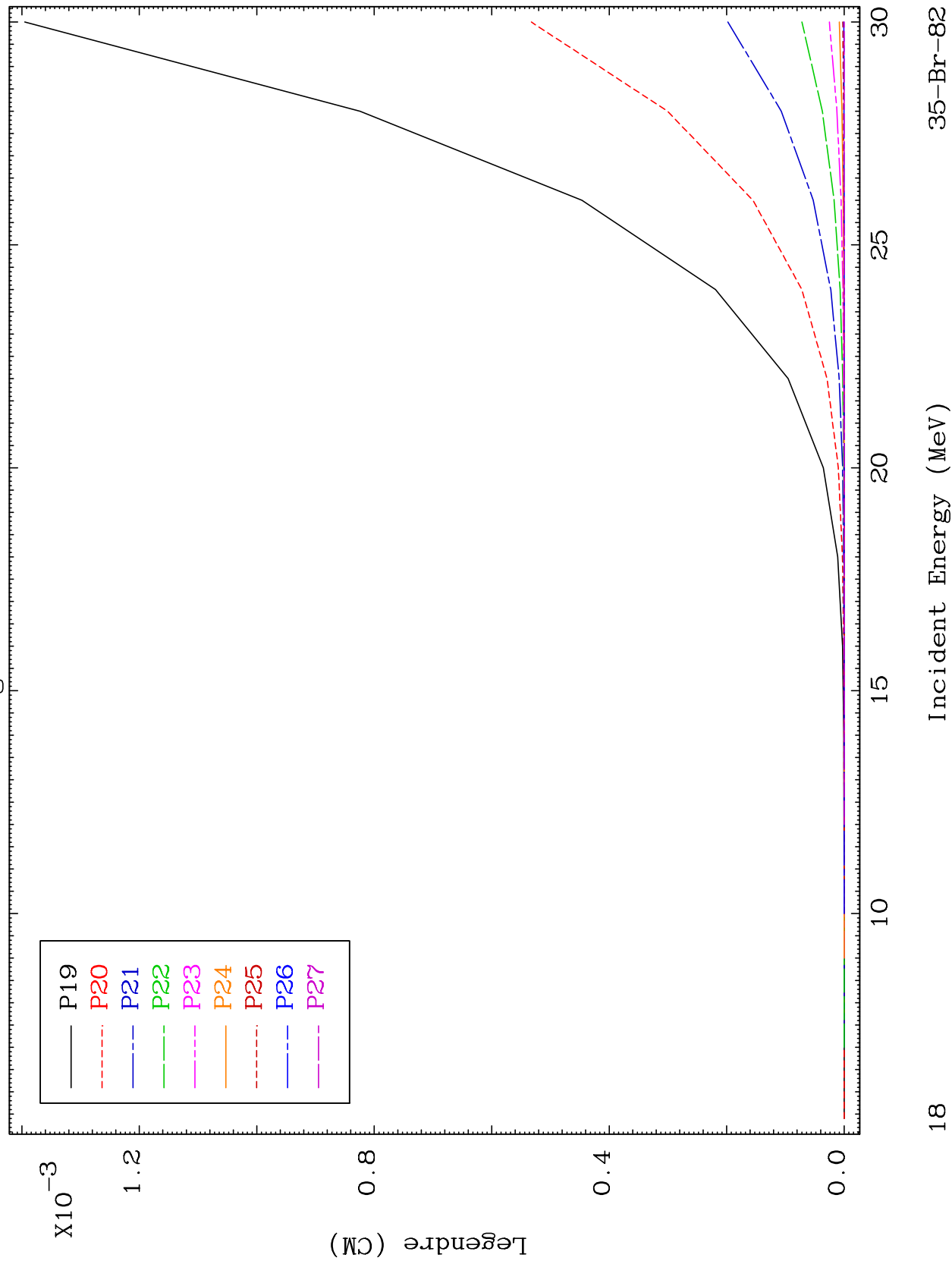


17

MAT 3534

Elastic Legendre Coefficients

35-Br-82



18

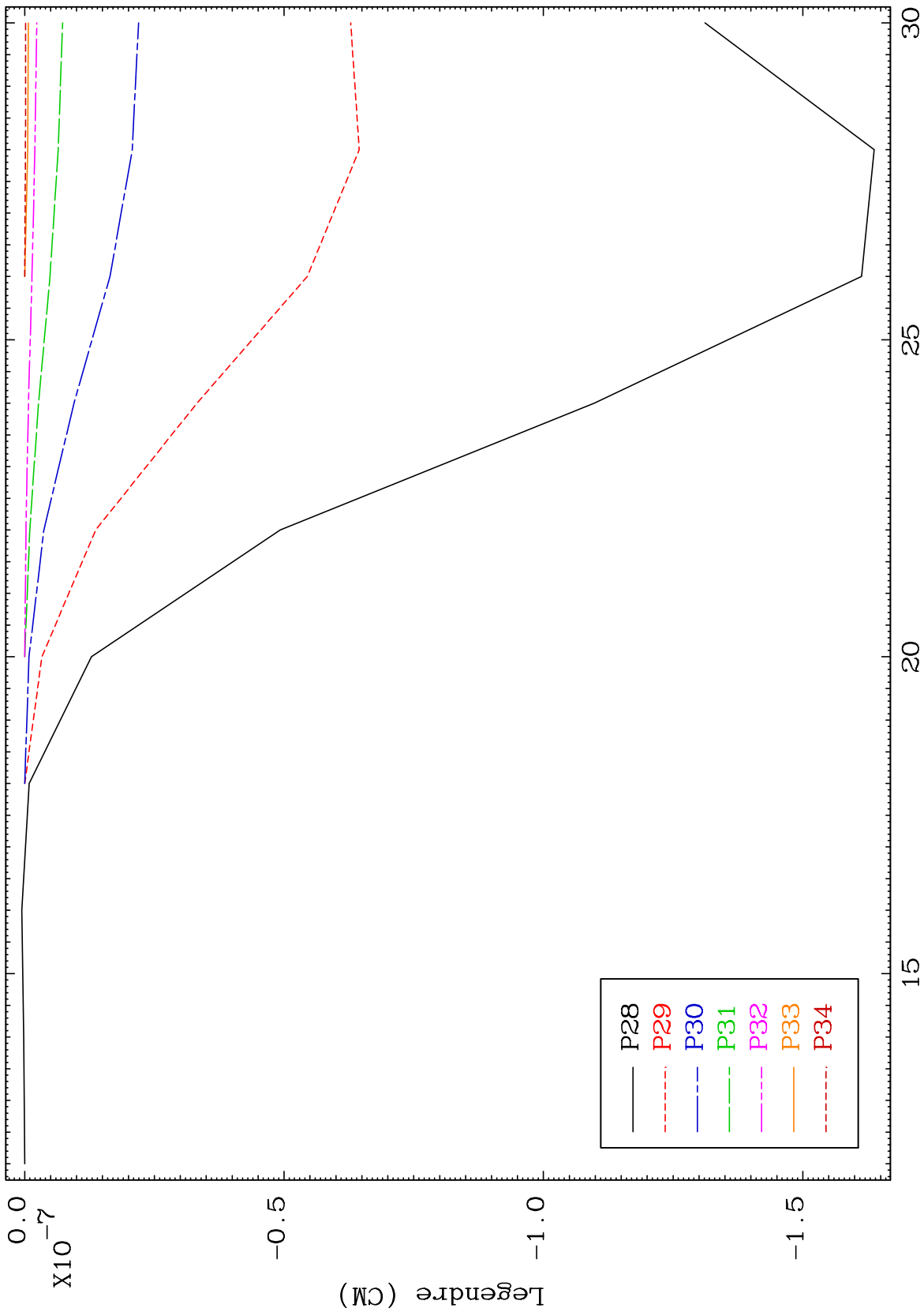
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

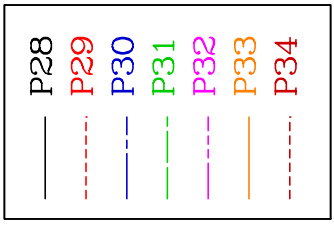
Elastic Legendre Coefficients



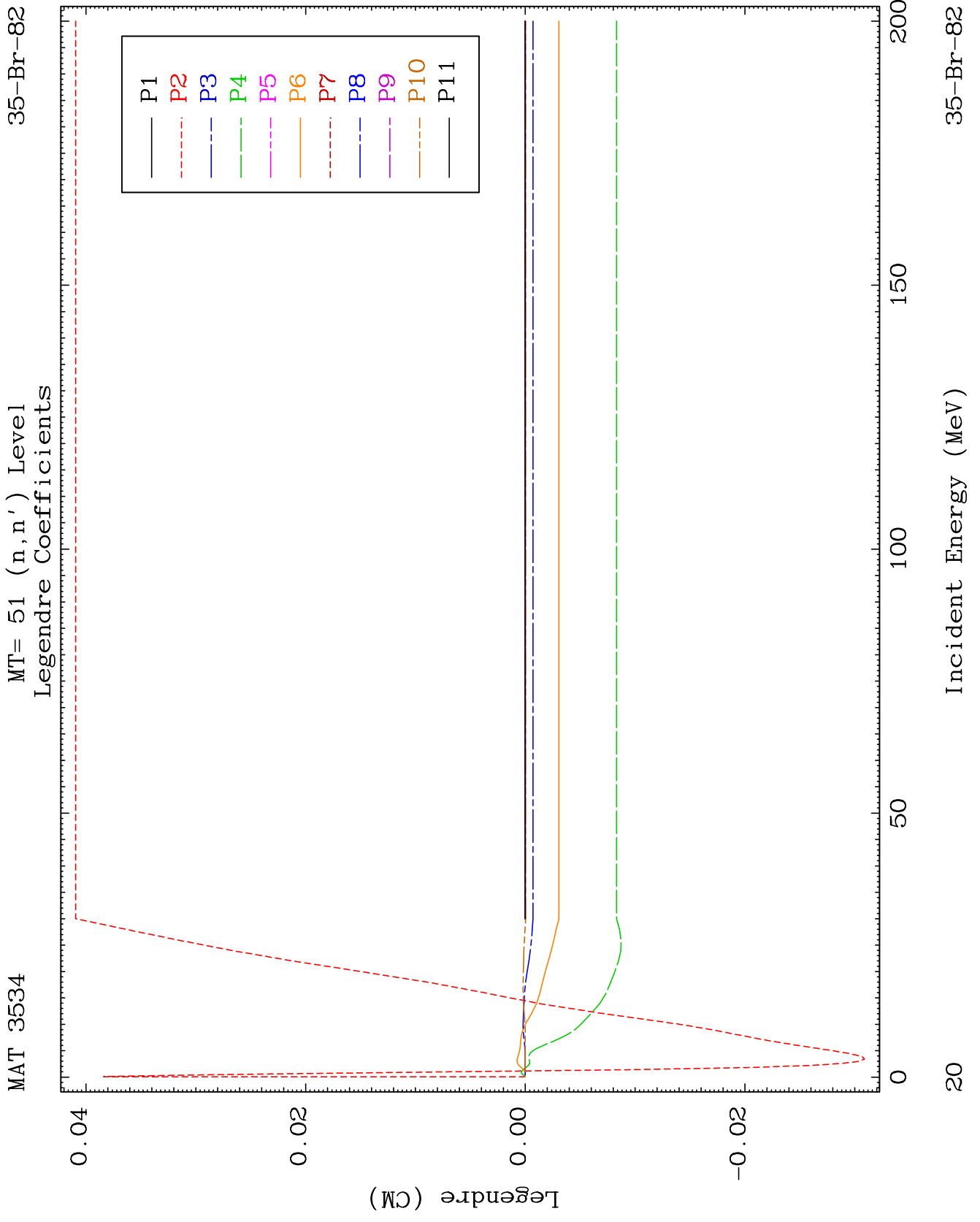
Legendre (CM)
X10⁻⁷

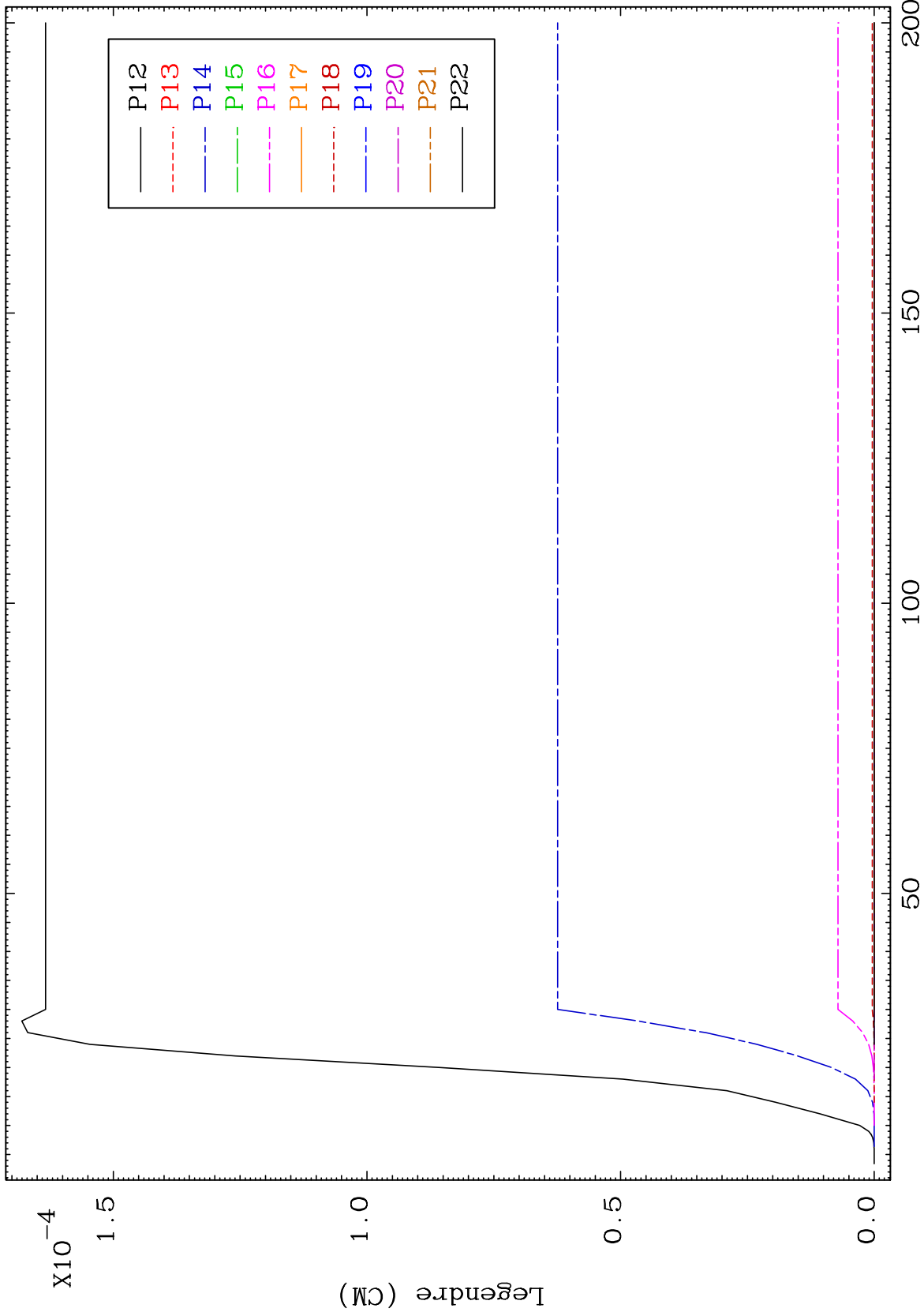
Incident Energy (MeV)

35-Br-82



19

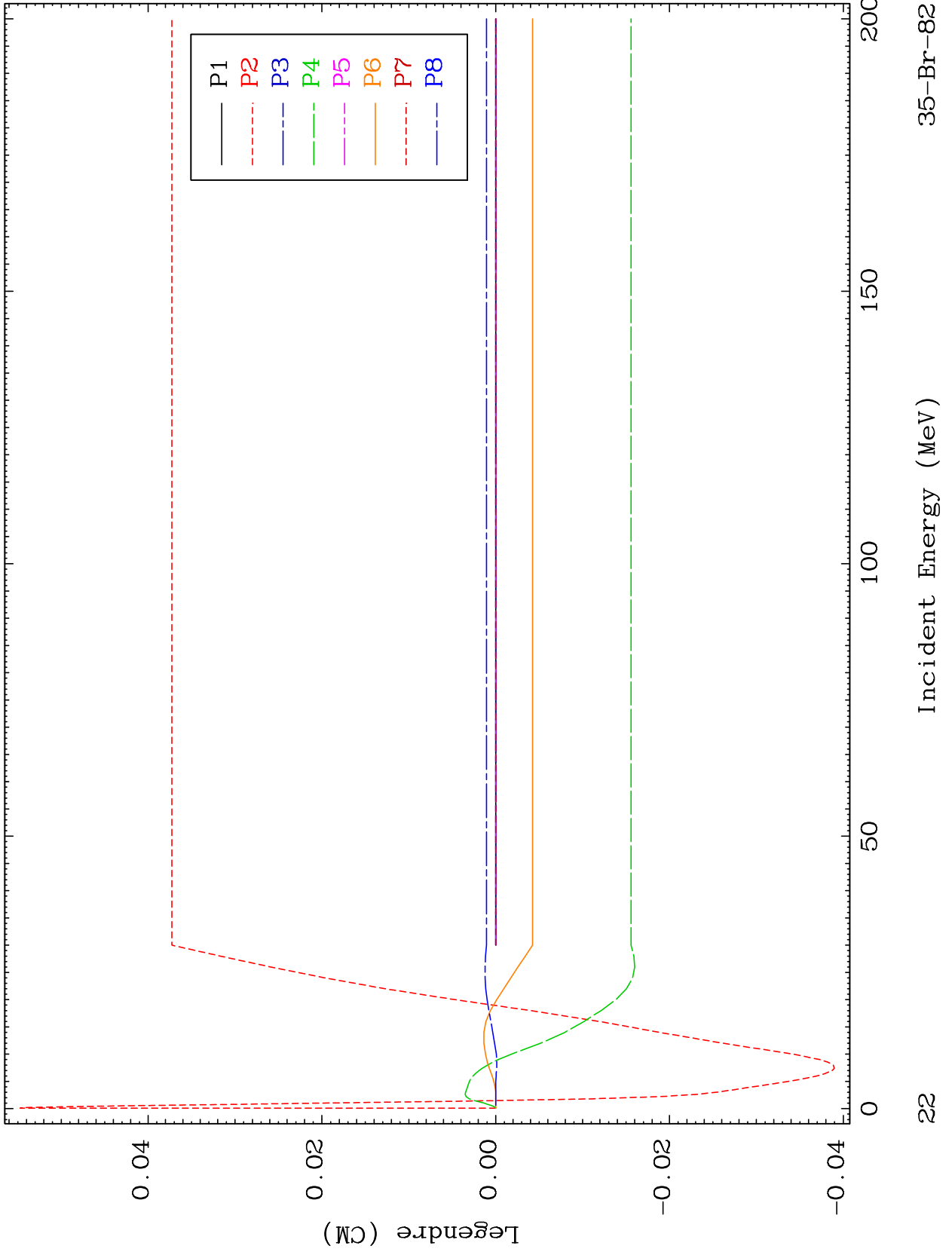




MAT 3534

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

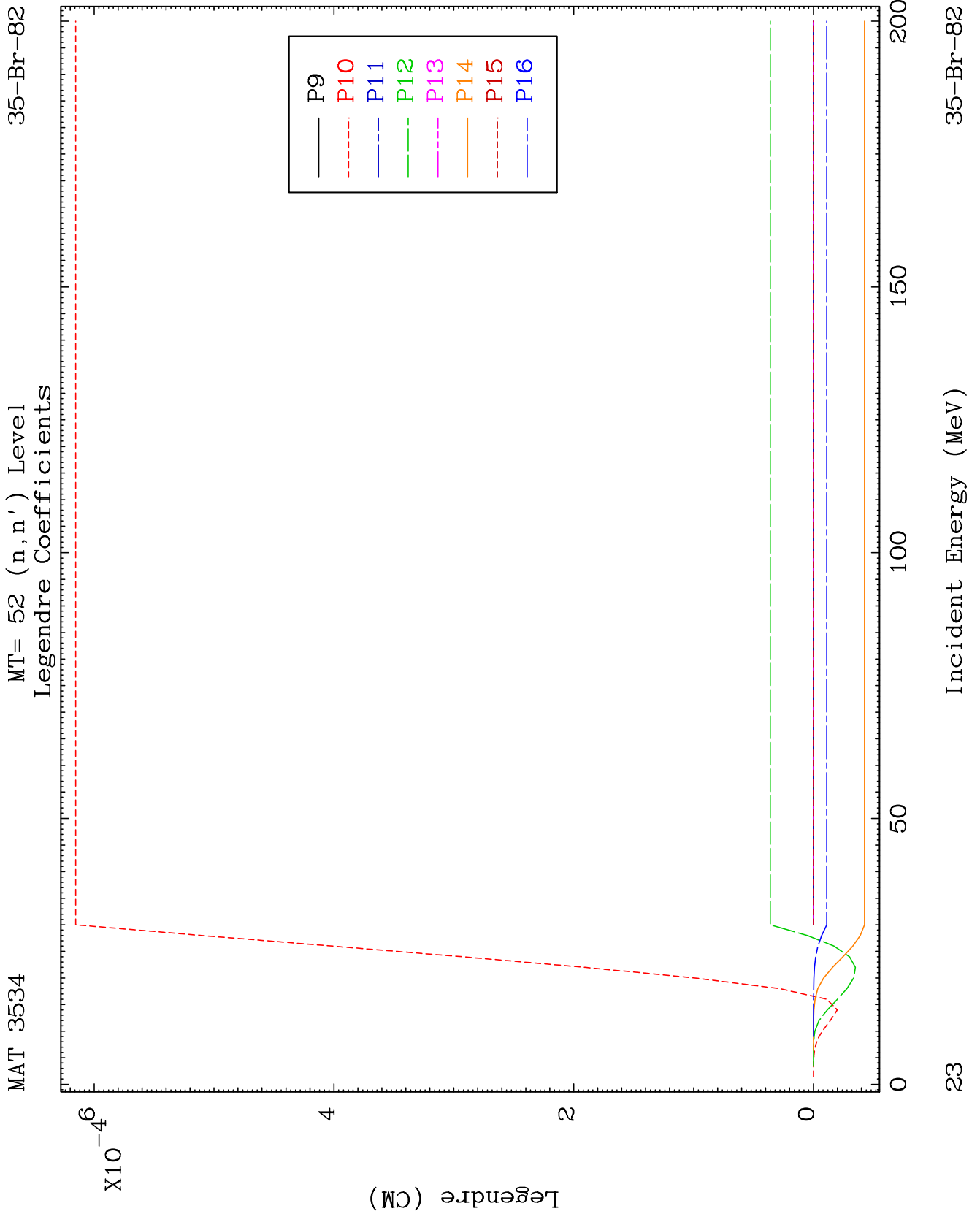
35-Br-82



22

Incident Energy (MeV)

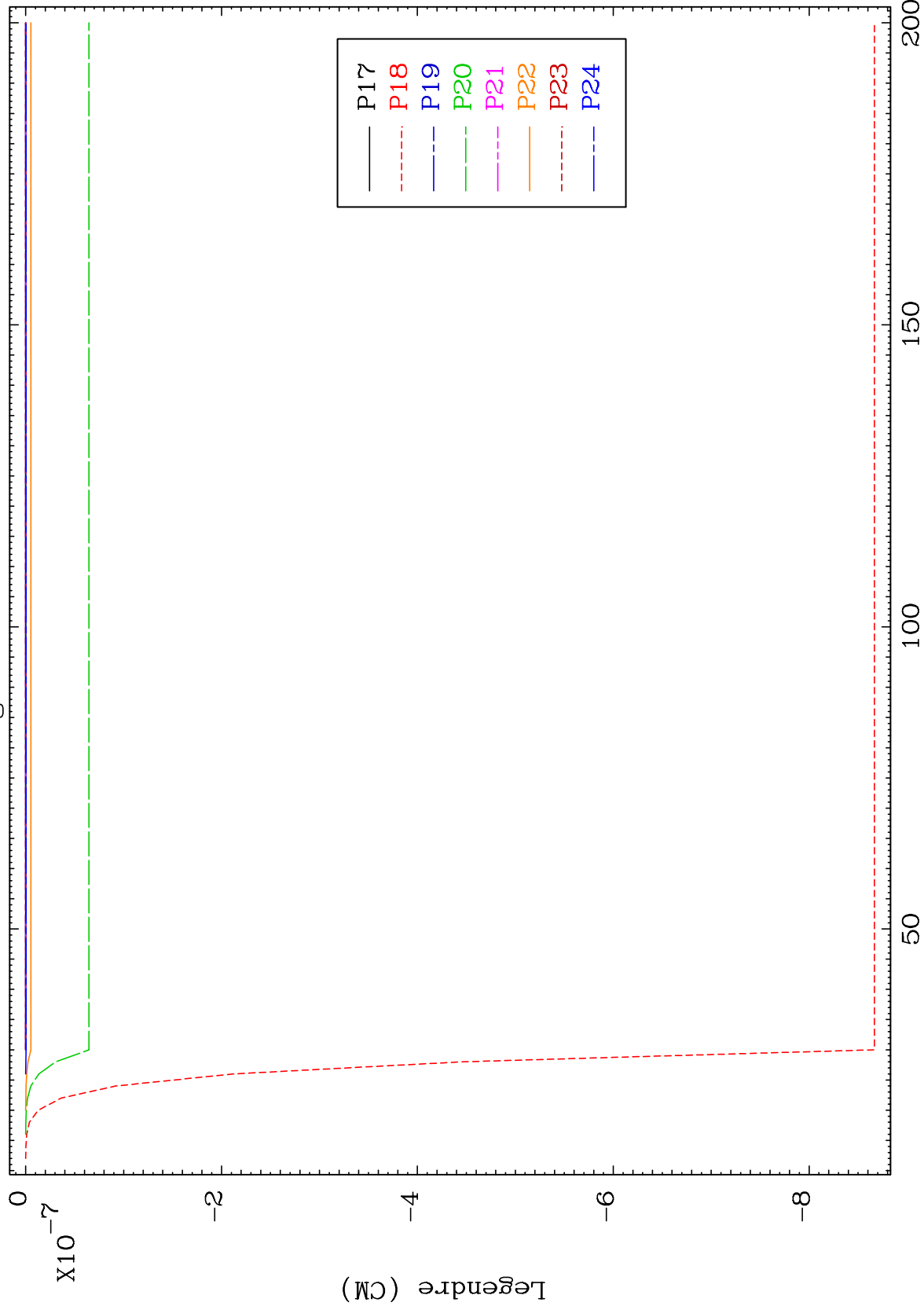
35-Br-82



MAT 3534

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

35-Br-82



24

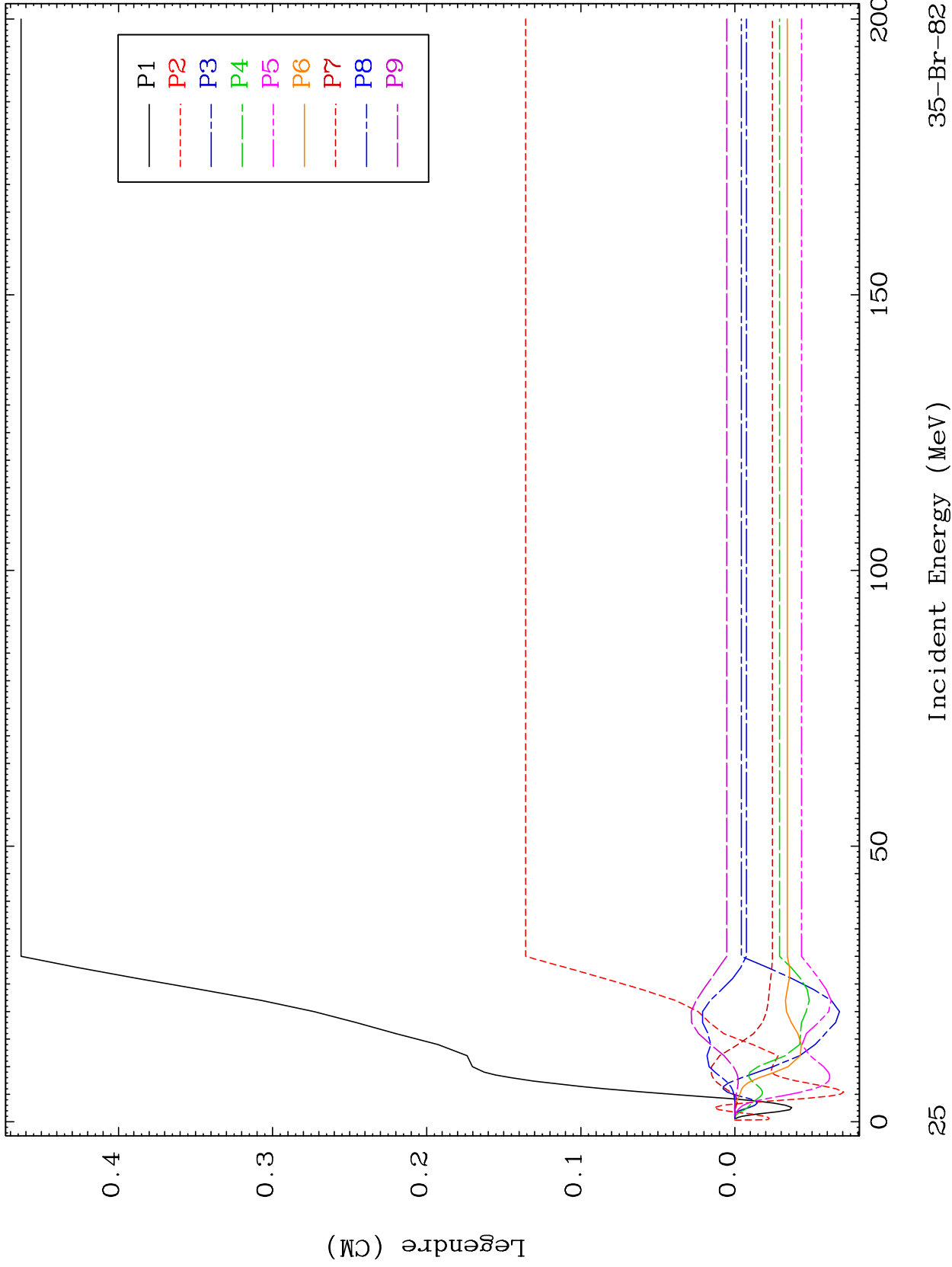
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



35-Br-82

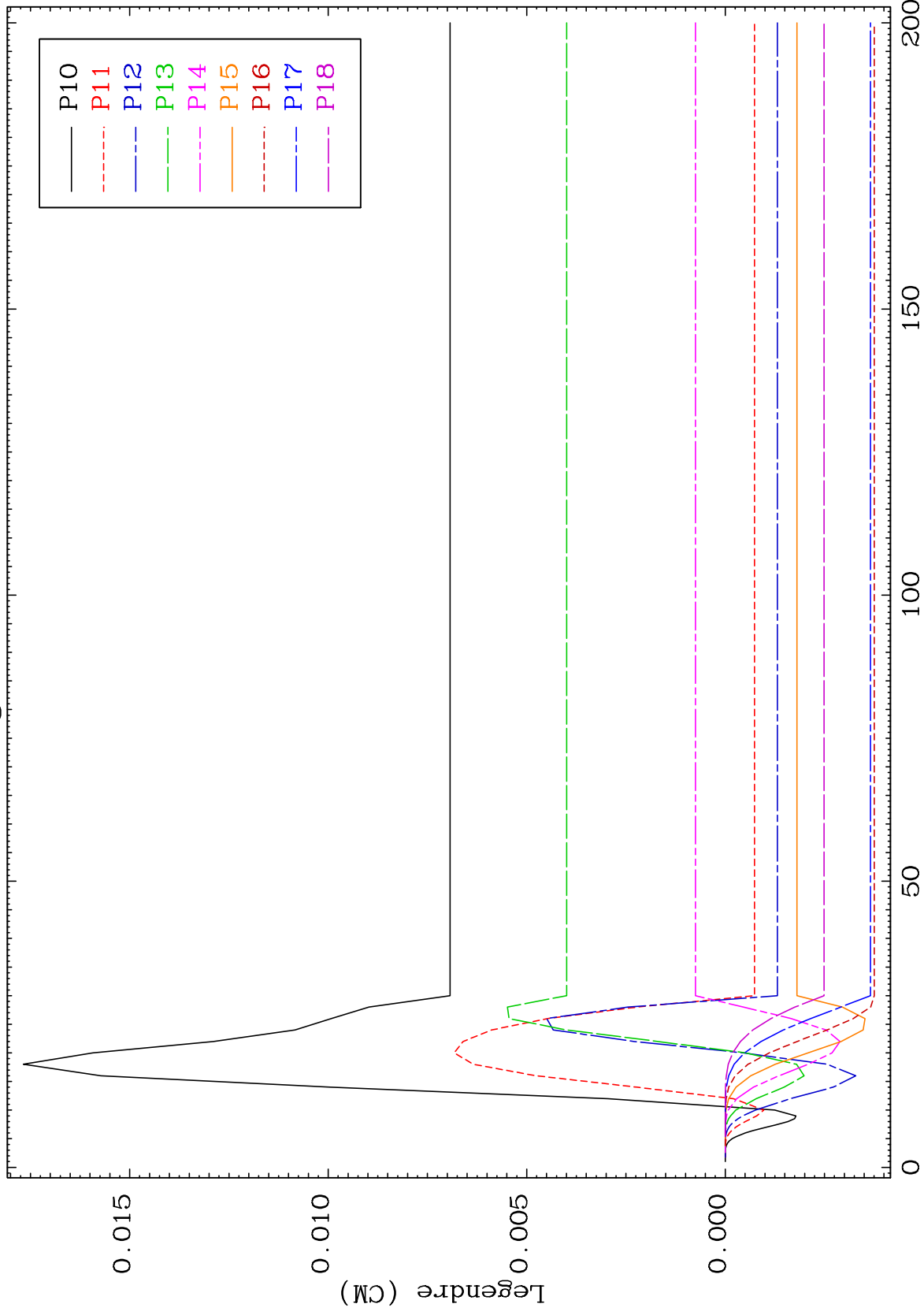
Incident Energy (MeV)

25

MAT 3534

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

35-Br-82

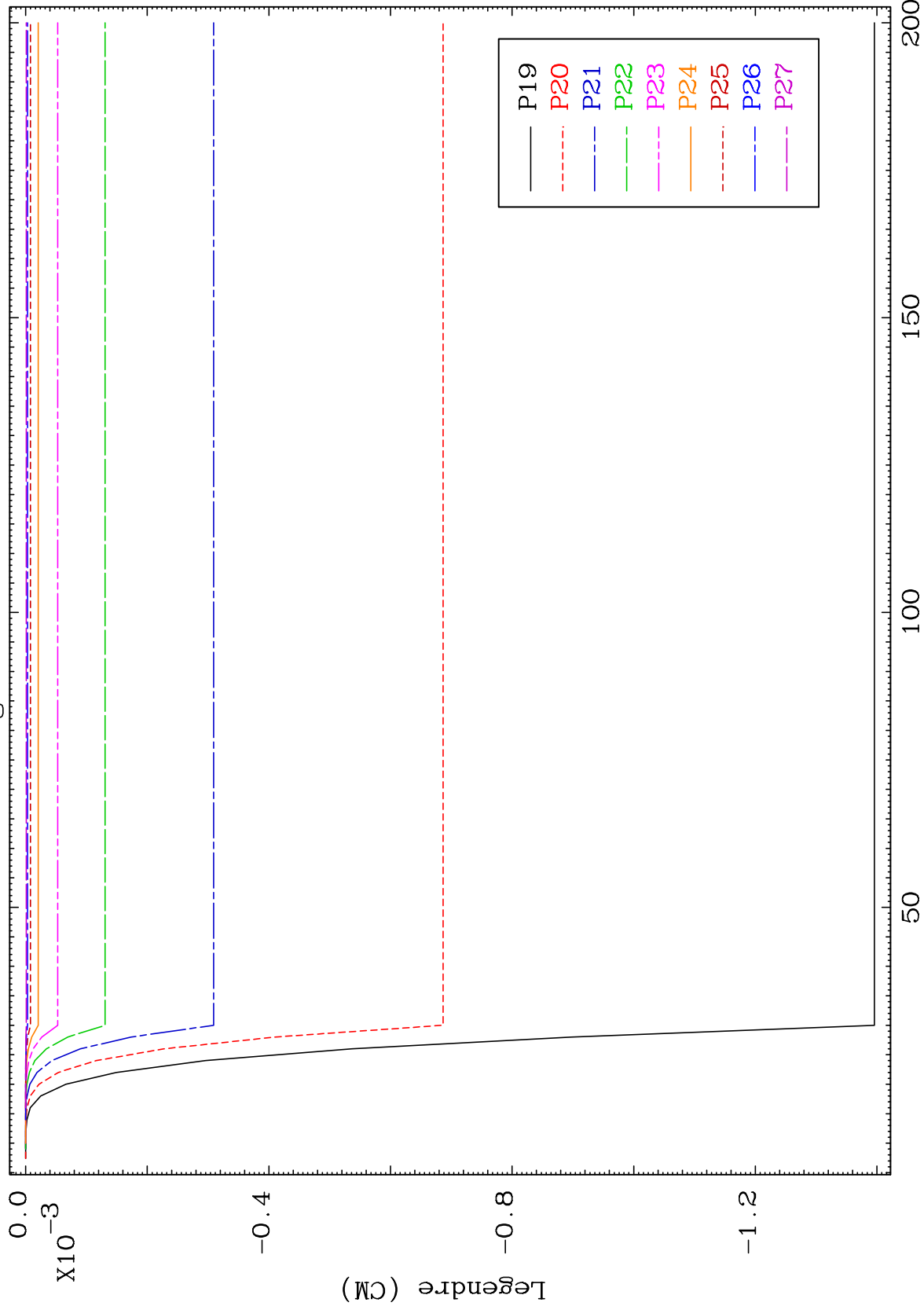


26

Incident Energy (MeV)

35-Br-82

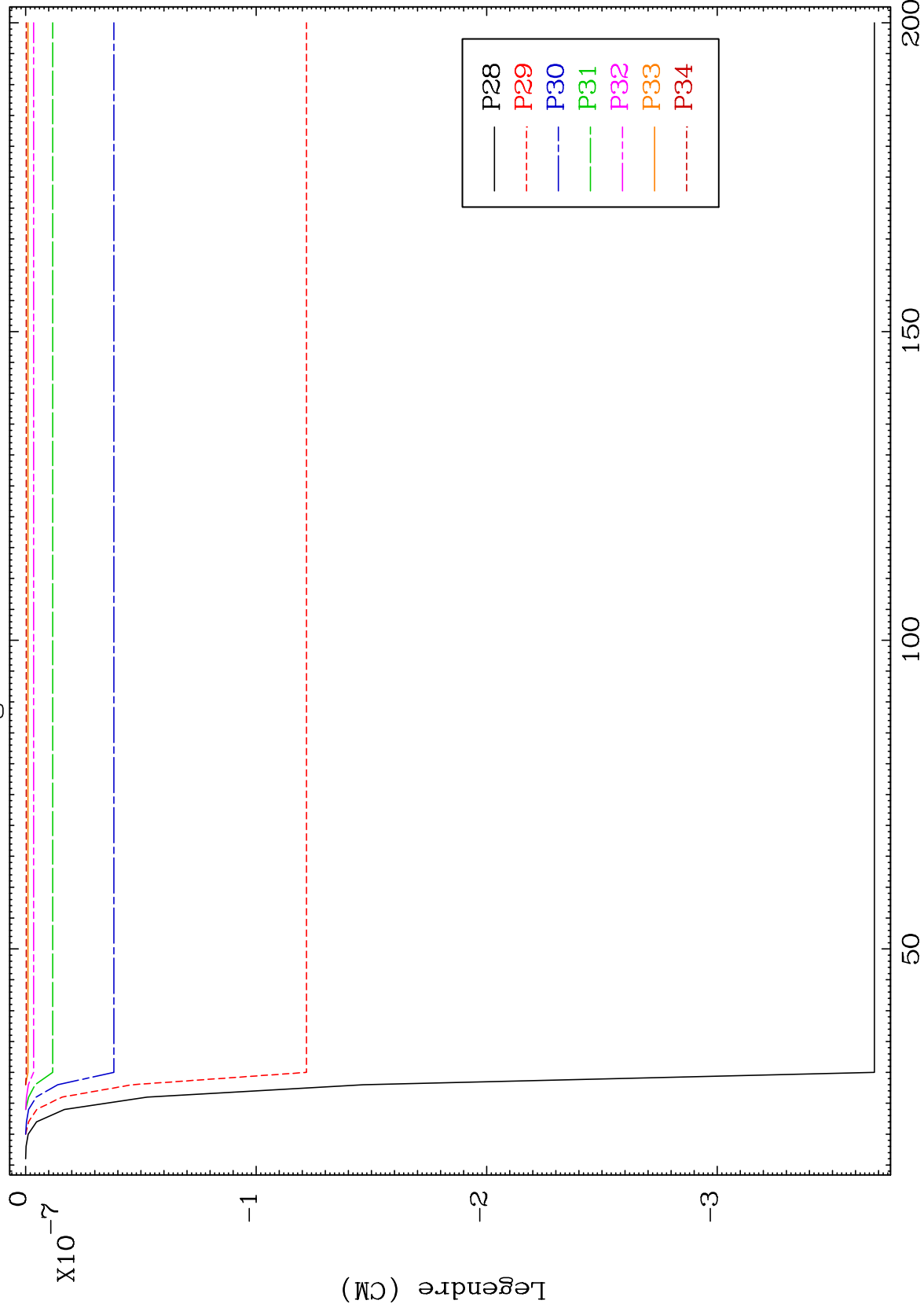
Legendre Coefficients



MAT 3534

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

35-Br-82



28

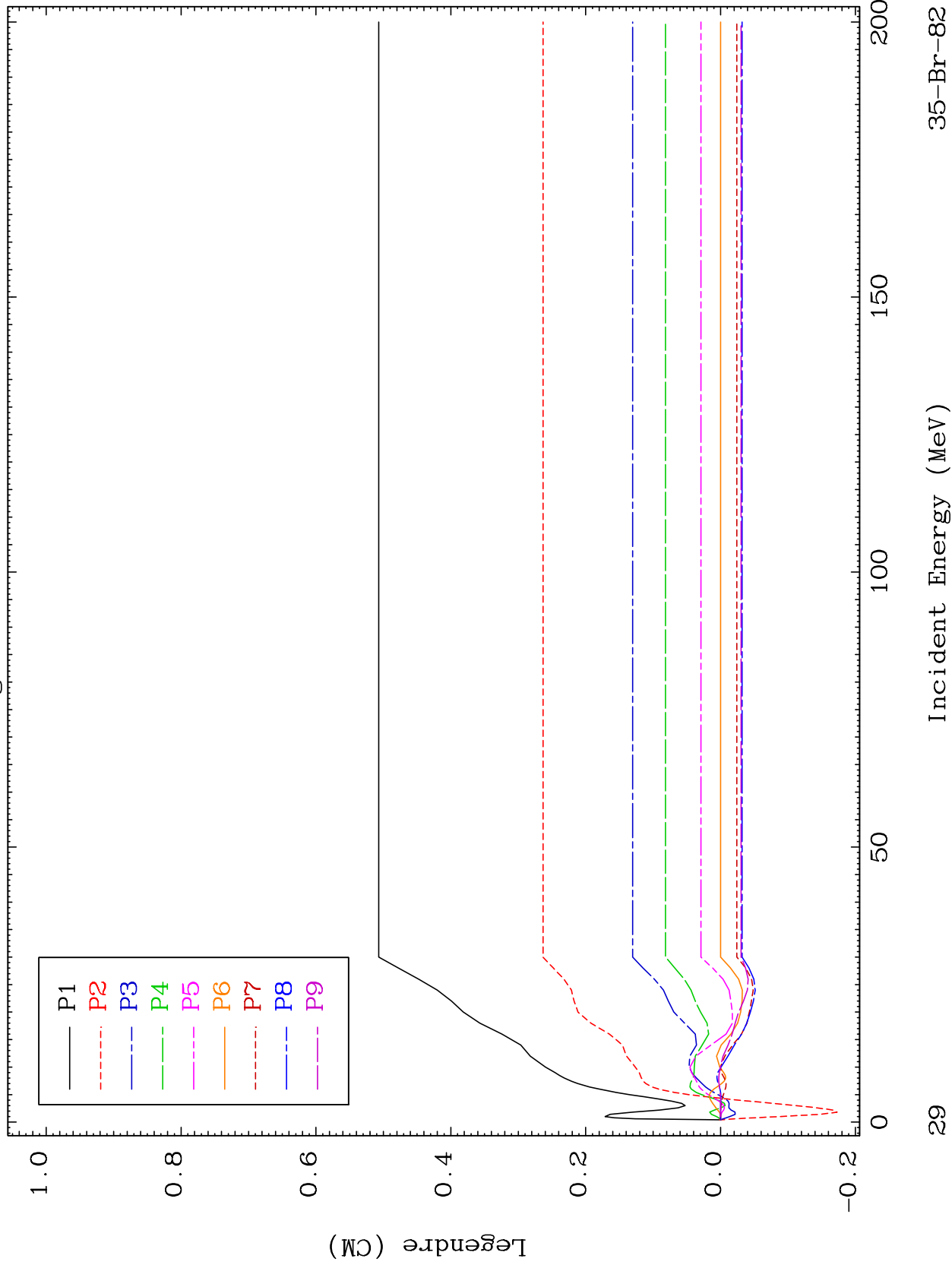
Incident Energy (MeV)

35-Br-82

MAT 3534

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

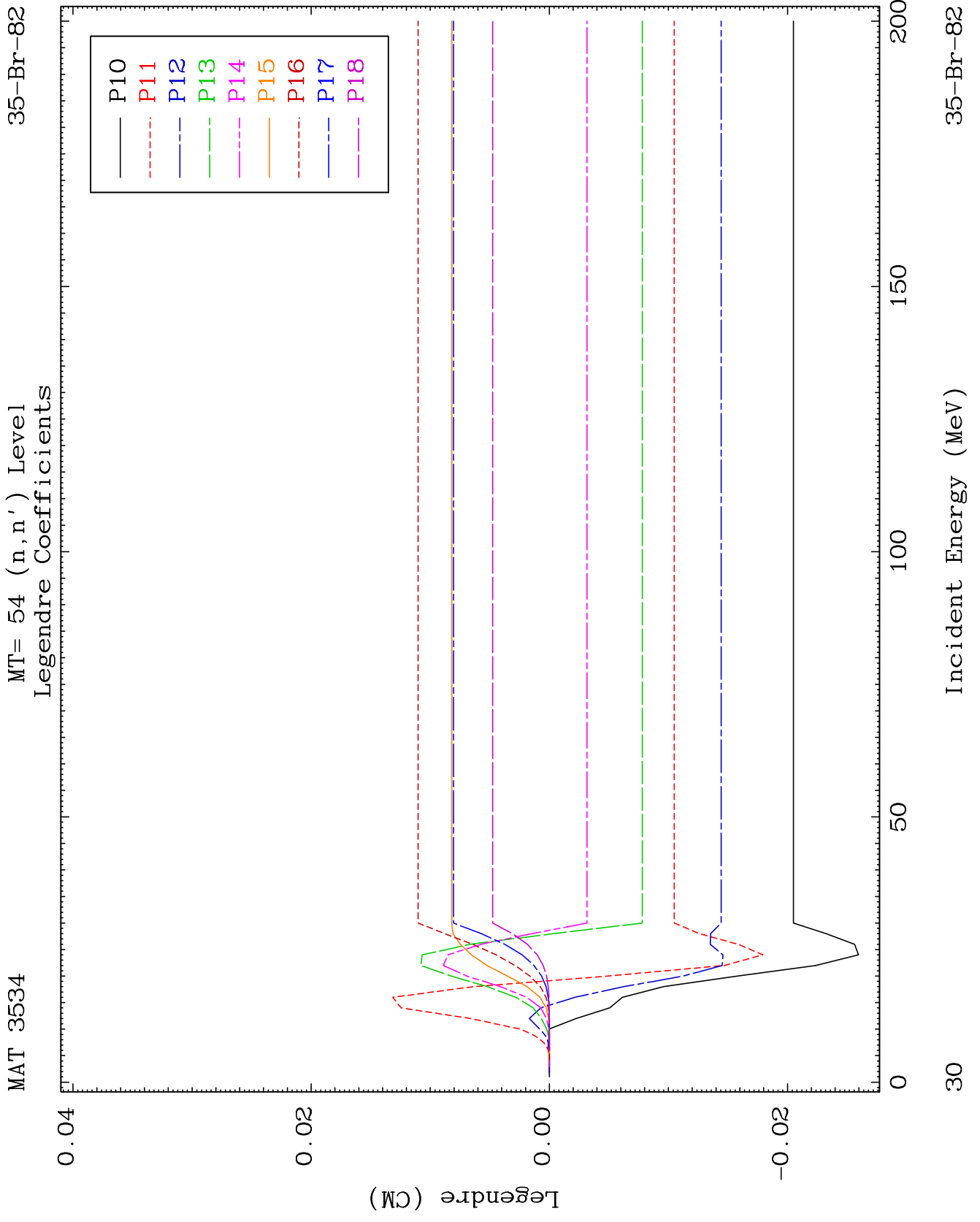
35-Br-82



35-Br-82

Incident Energy (MeV)

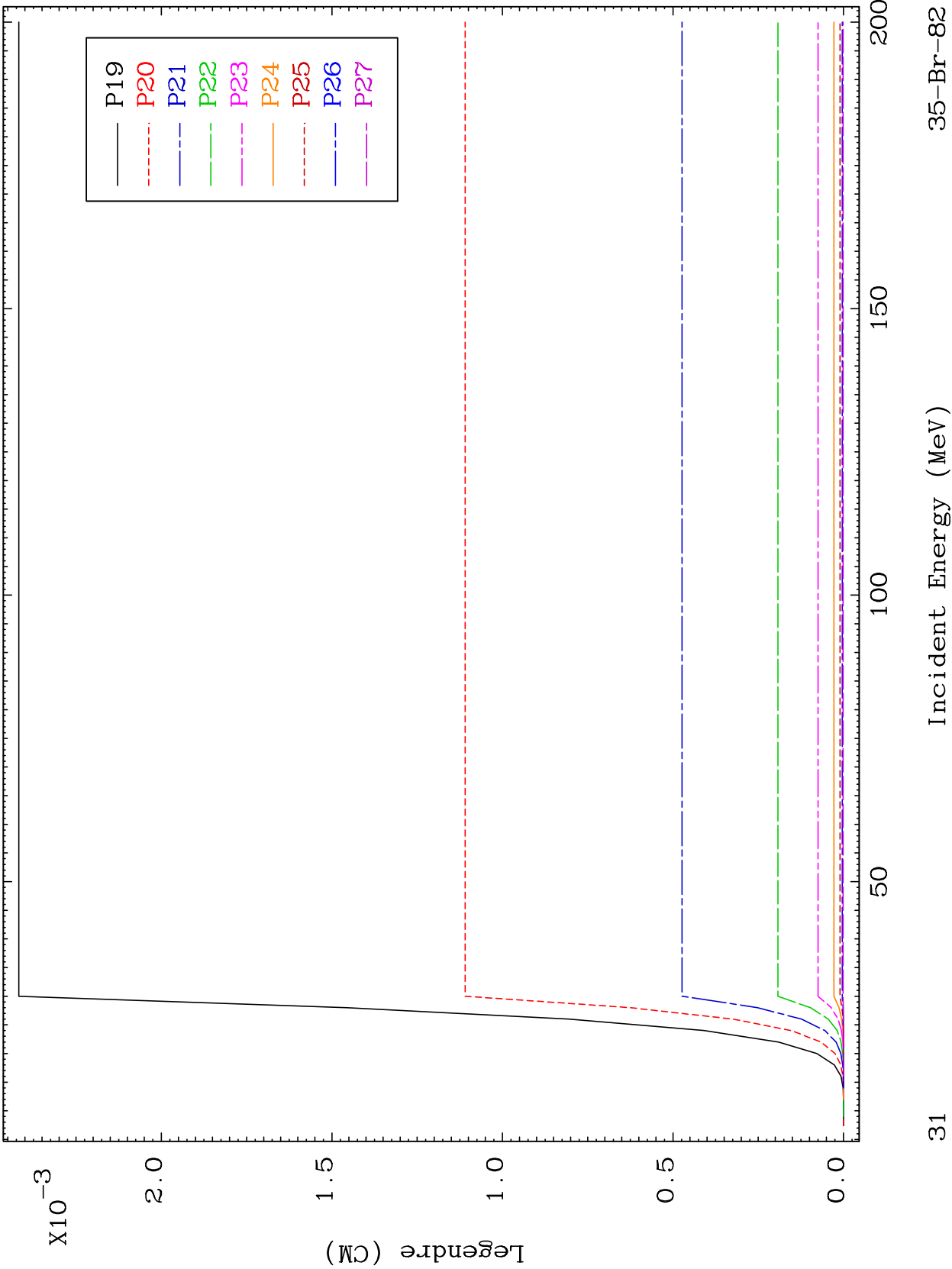
29



MAT 3534

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

35-Br-82



31

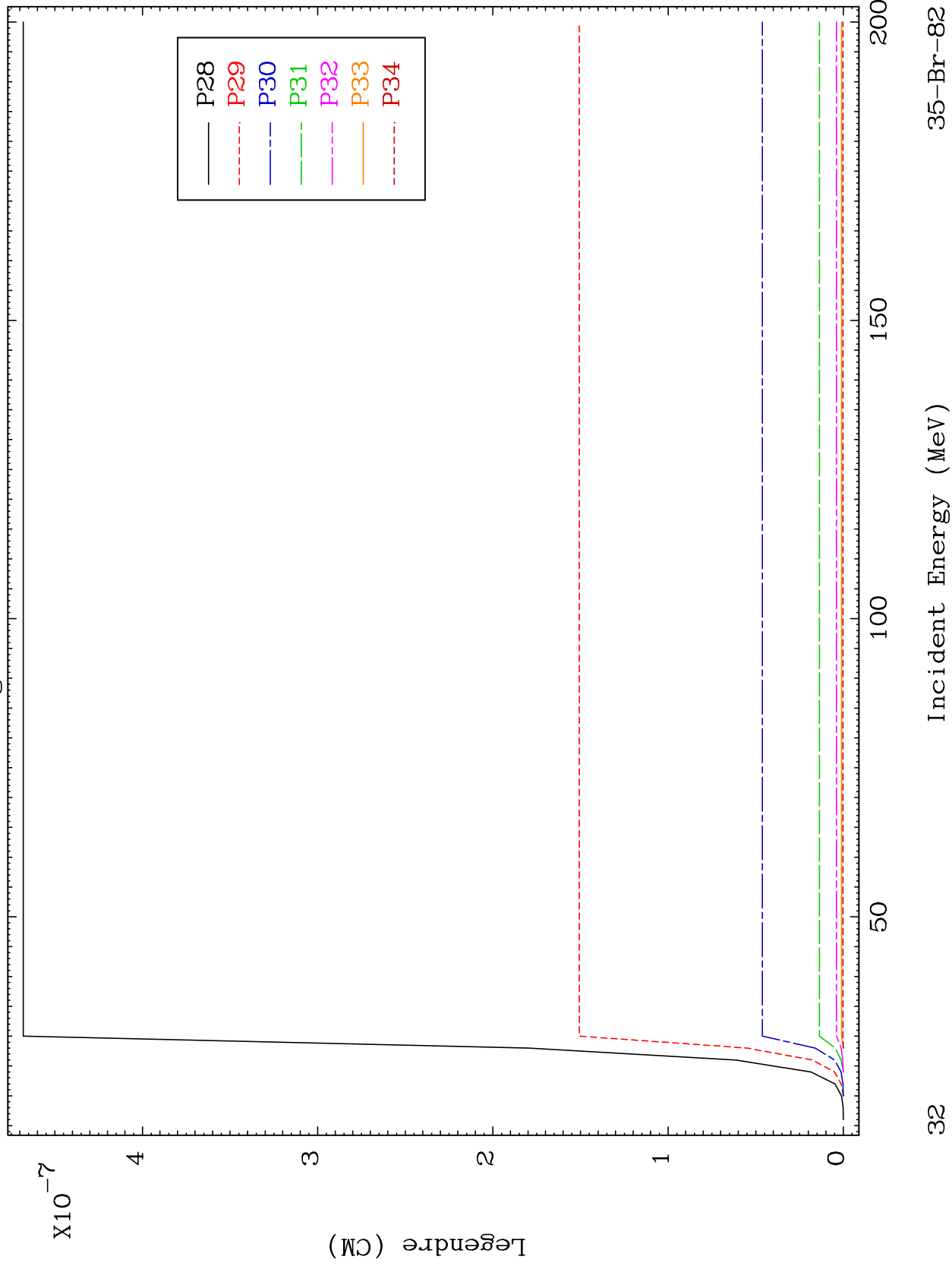
Incident Energy (MeV)

35-Br-82

MAT 3534

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

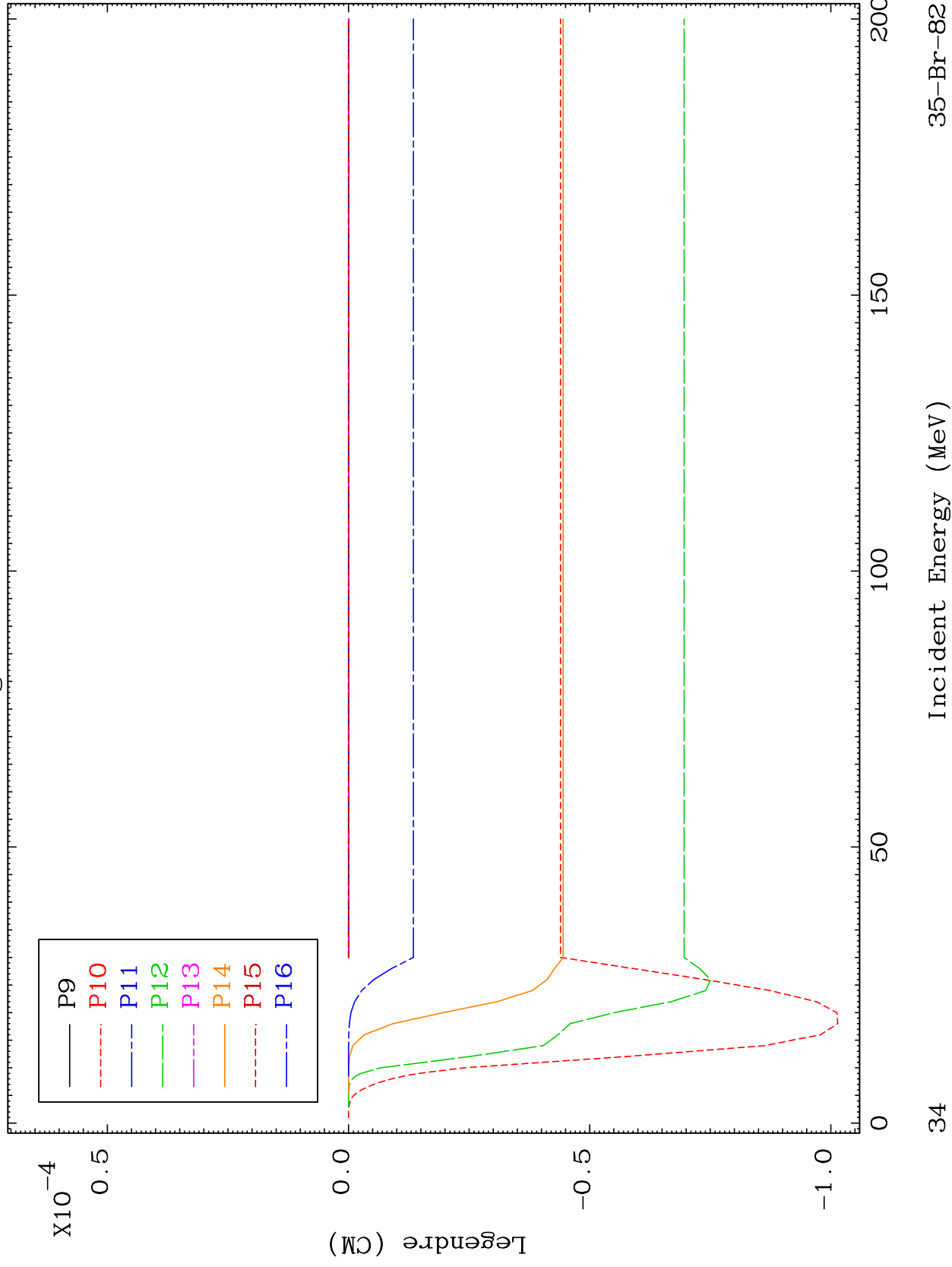
35-Br-82



MAT 3534

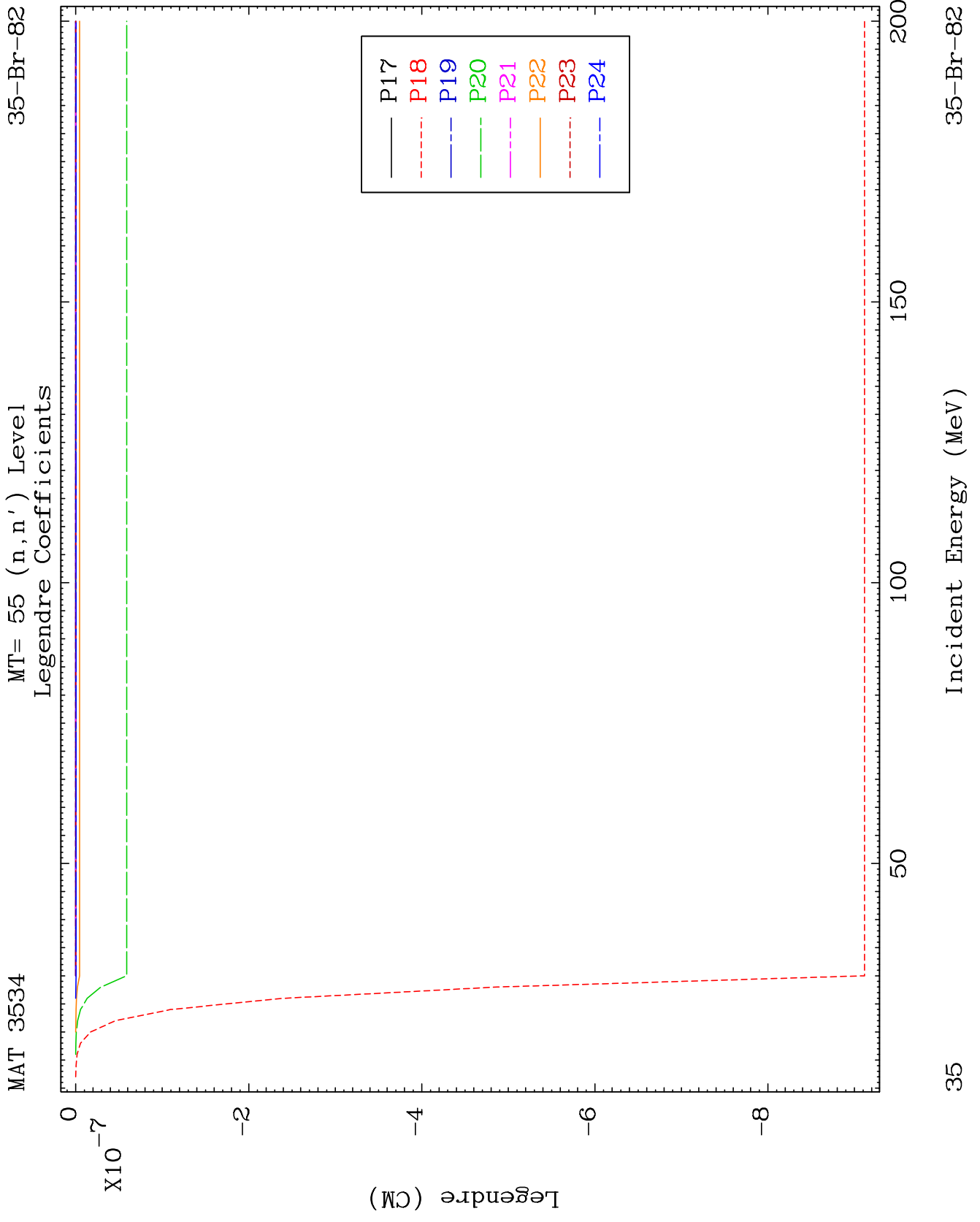
MT= 55 (n,n') Level
Legendre Coefficients

35-Br-82



34

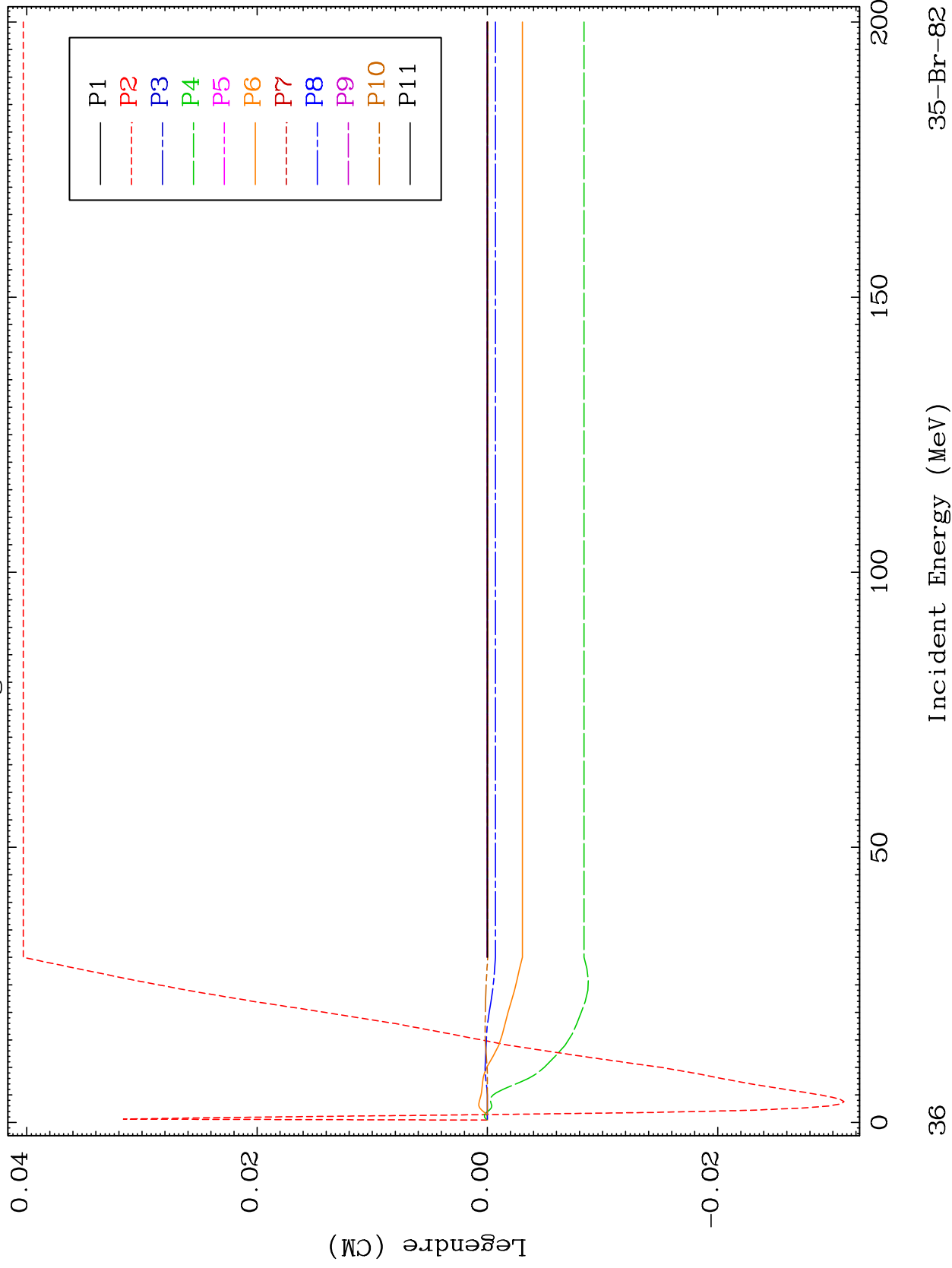
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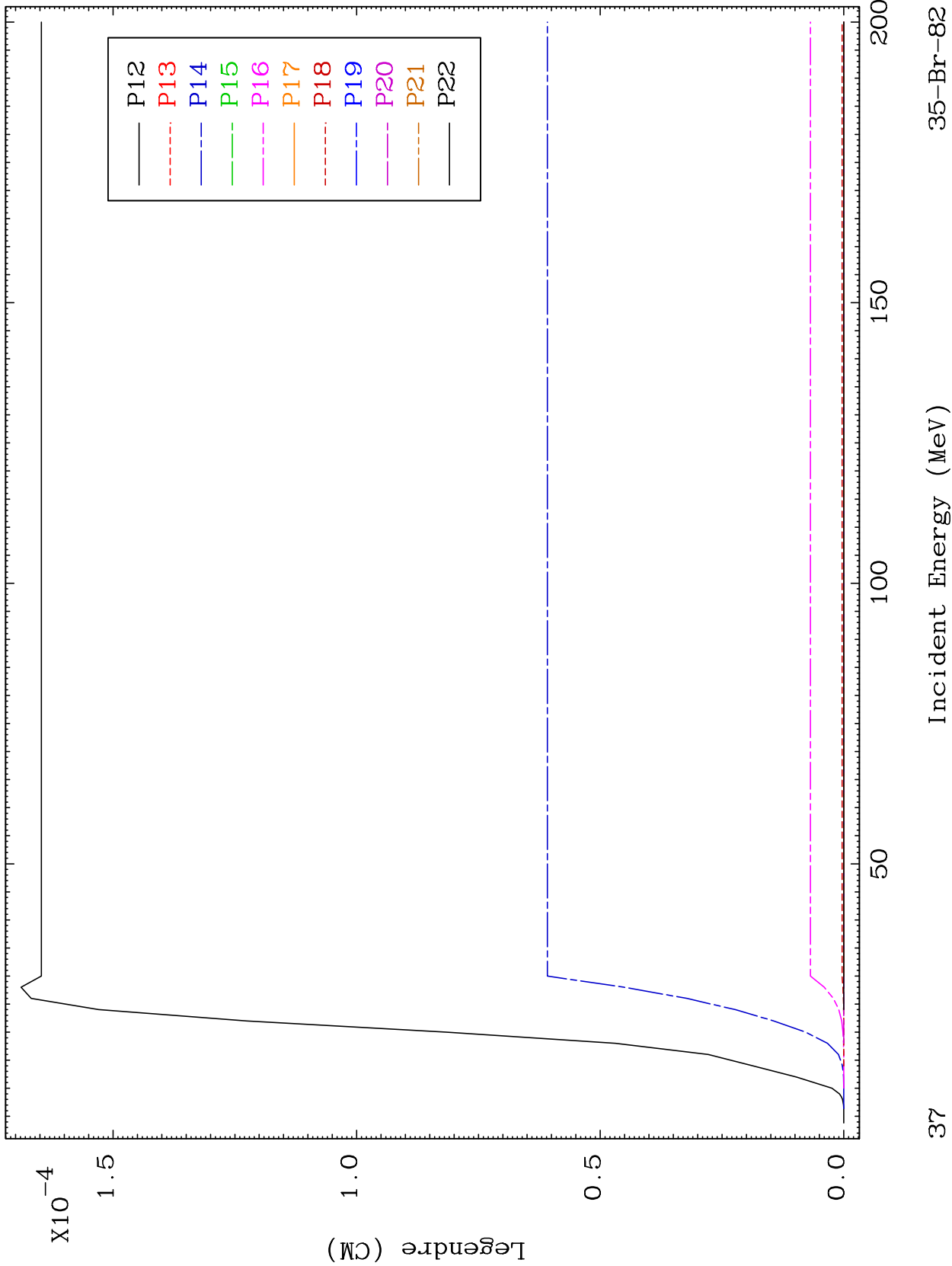


MAT 3534

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

35-Br-82

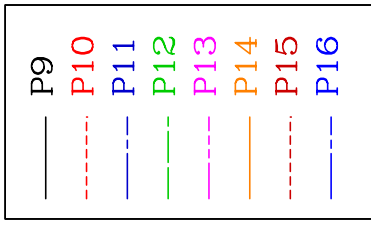




MAT 3534

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

35-Br-82



$\times 10^{-4}$

0.5

Legendre (CM)

0.0

-0.5

-1.0

0

50

100

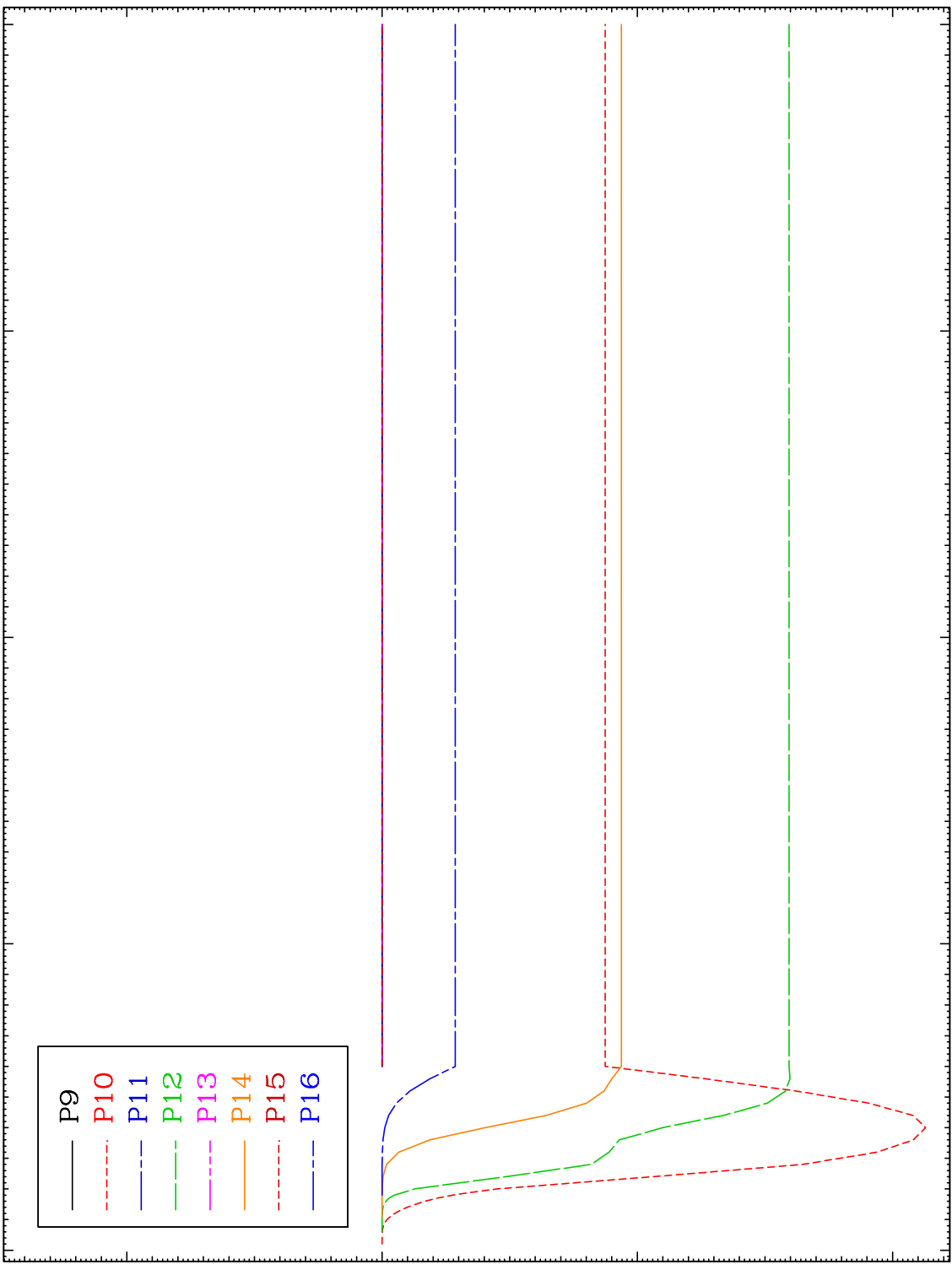
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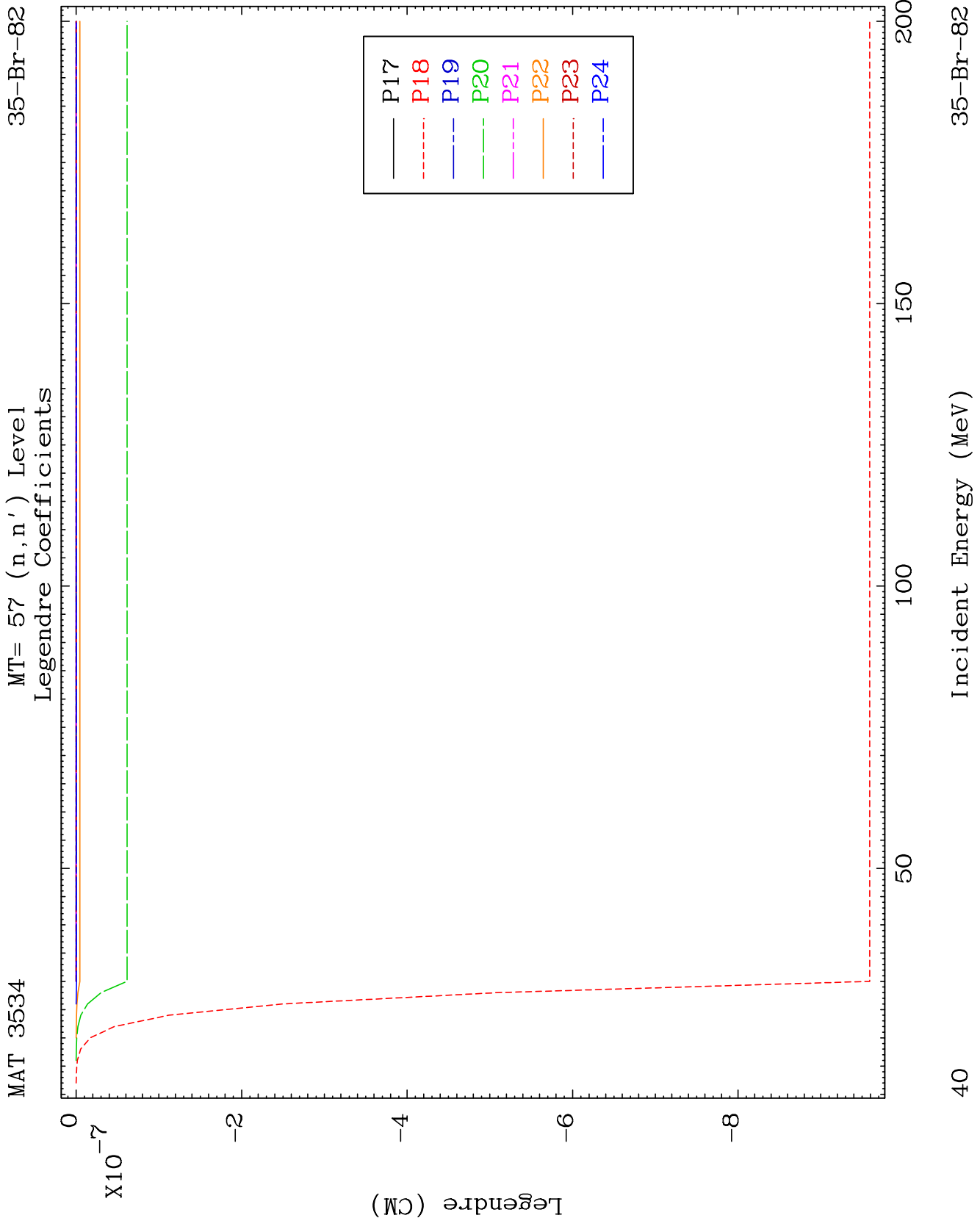
200

39

Incident Energy (MeV)

35-Br-82

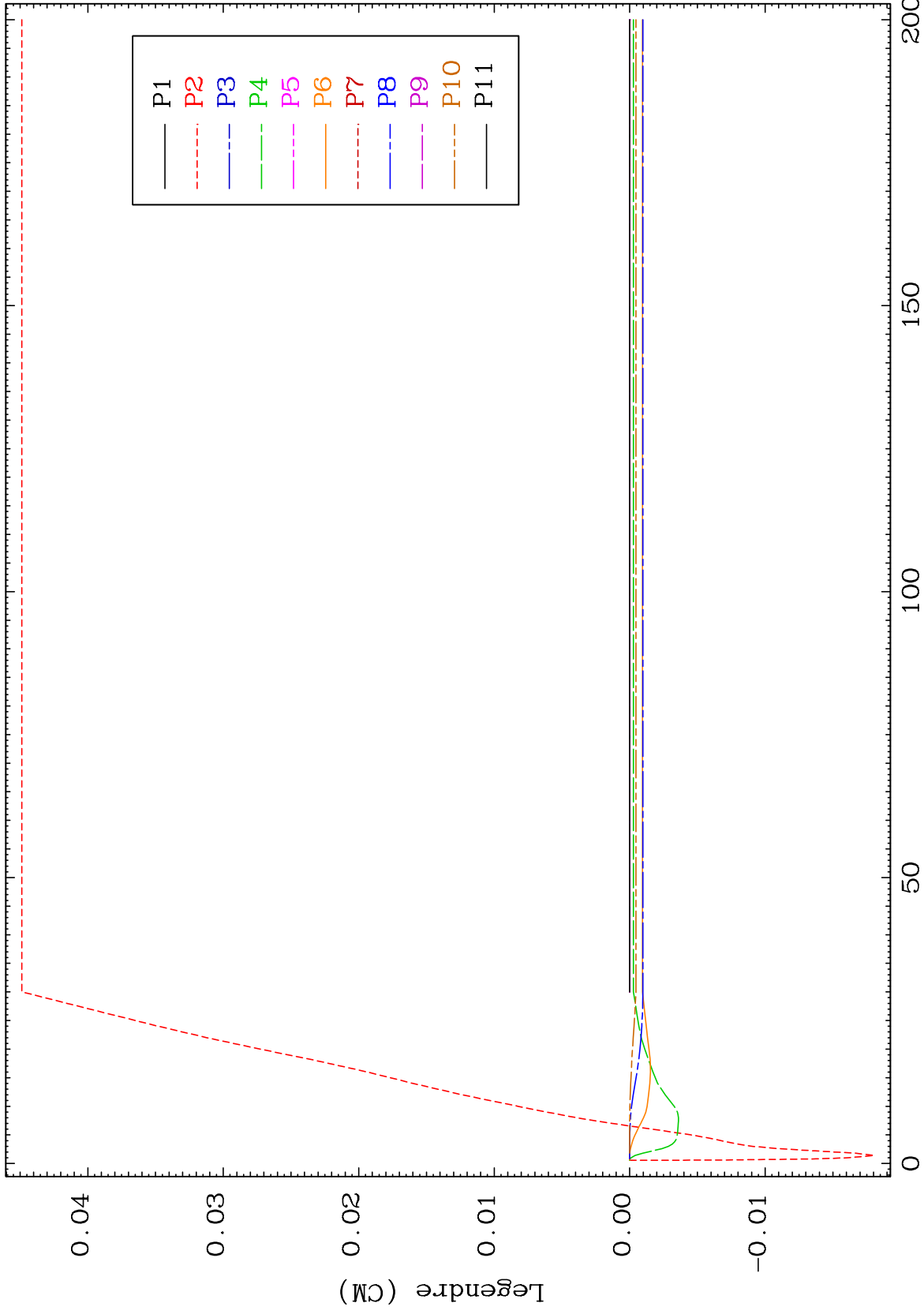




MAT 3534

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

35-Br-82



41

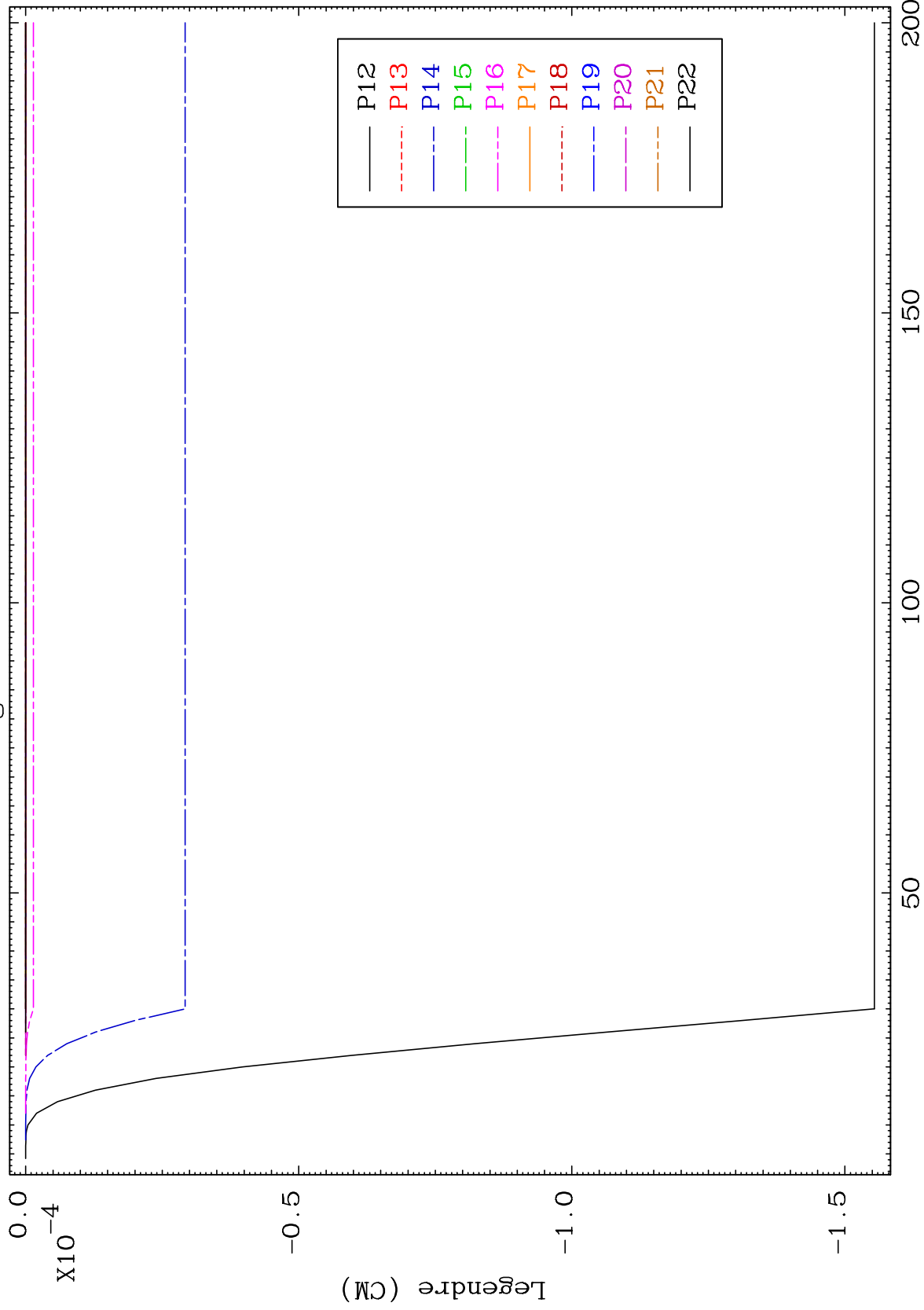
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



42

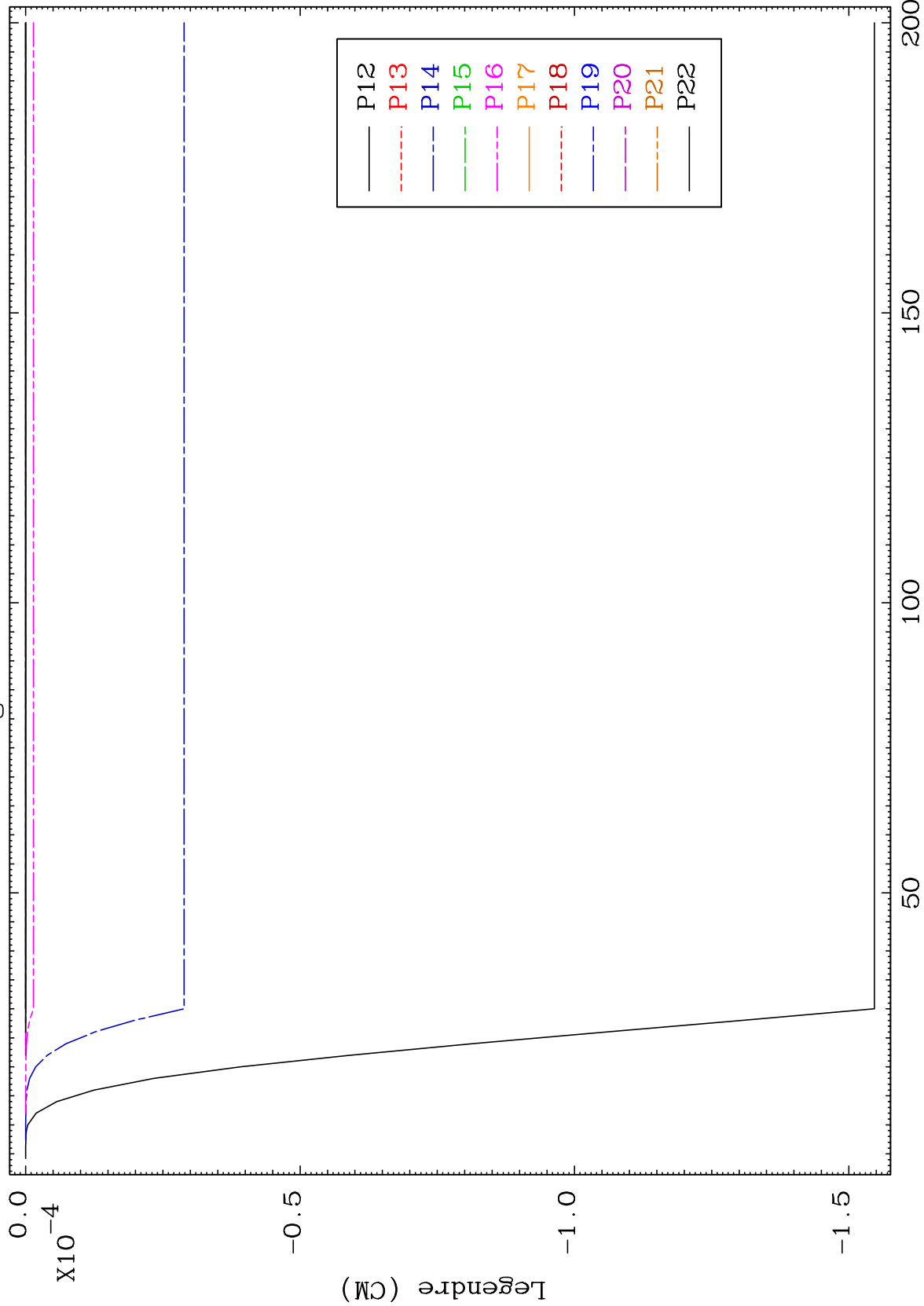
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



44

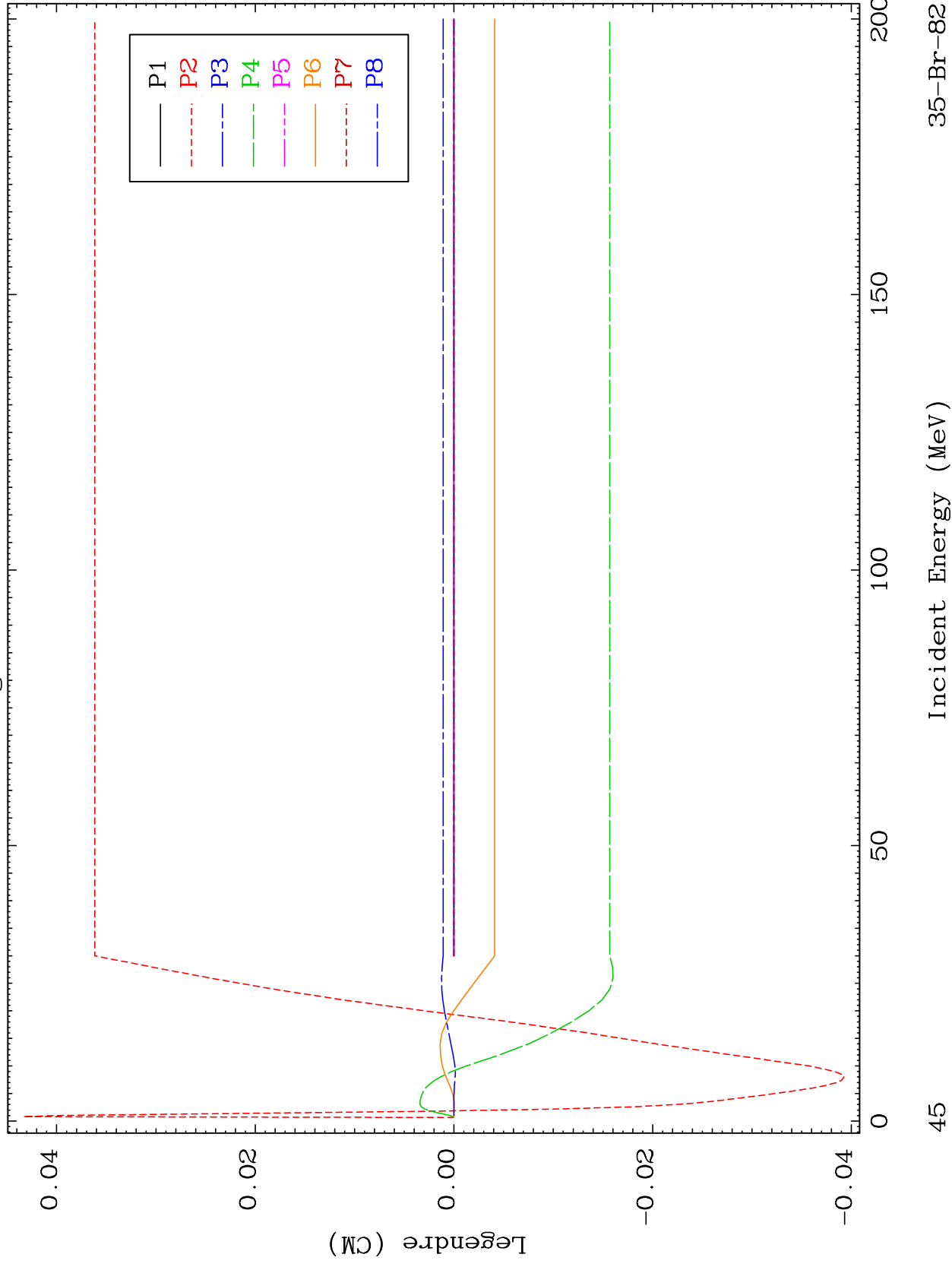
Incident Energy (MeV)

35-Br-82

MAT 3534

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

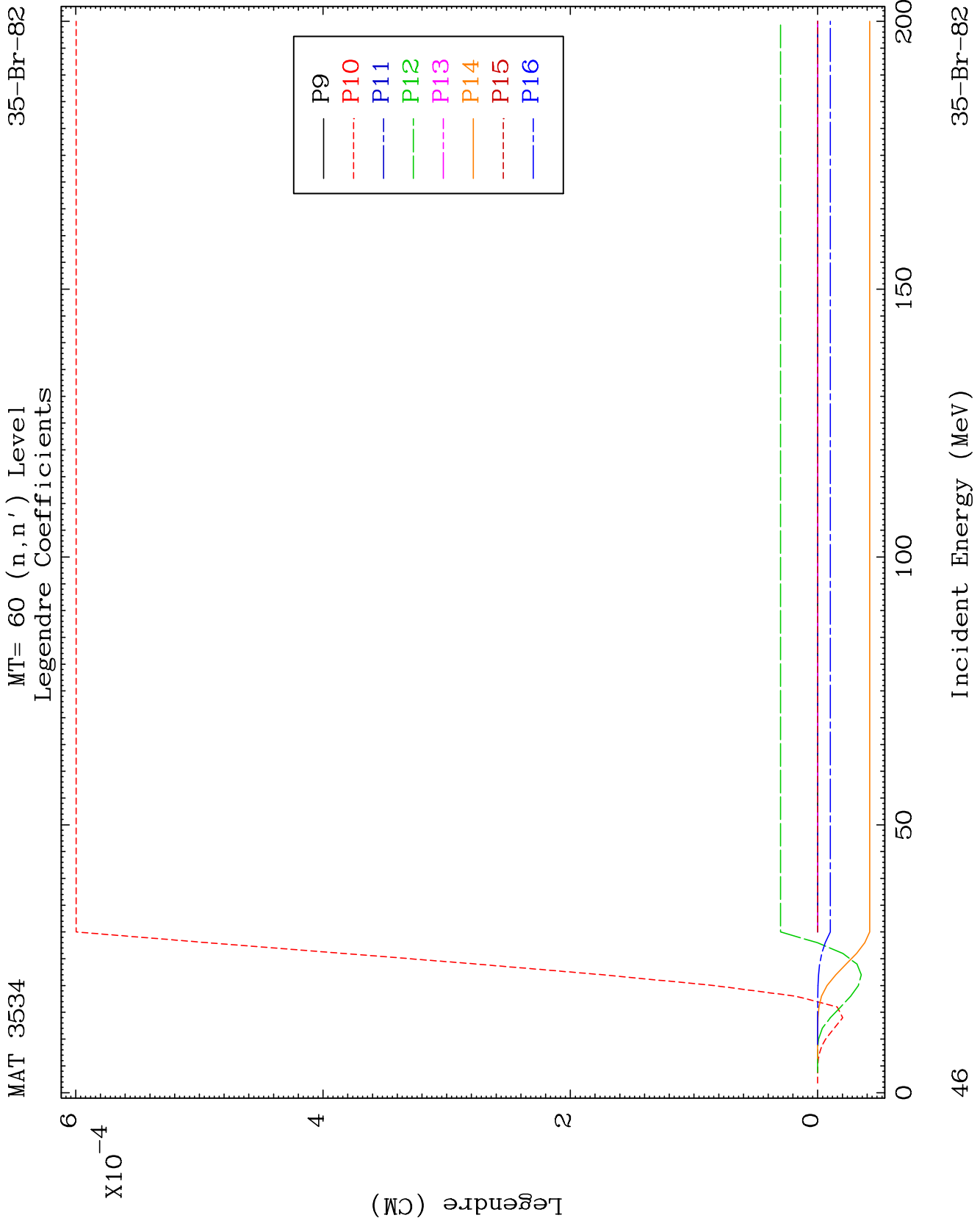
35-Br-82



35-Br-82

Incident Energy (MeV)

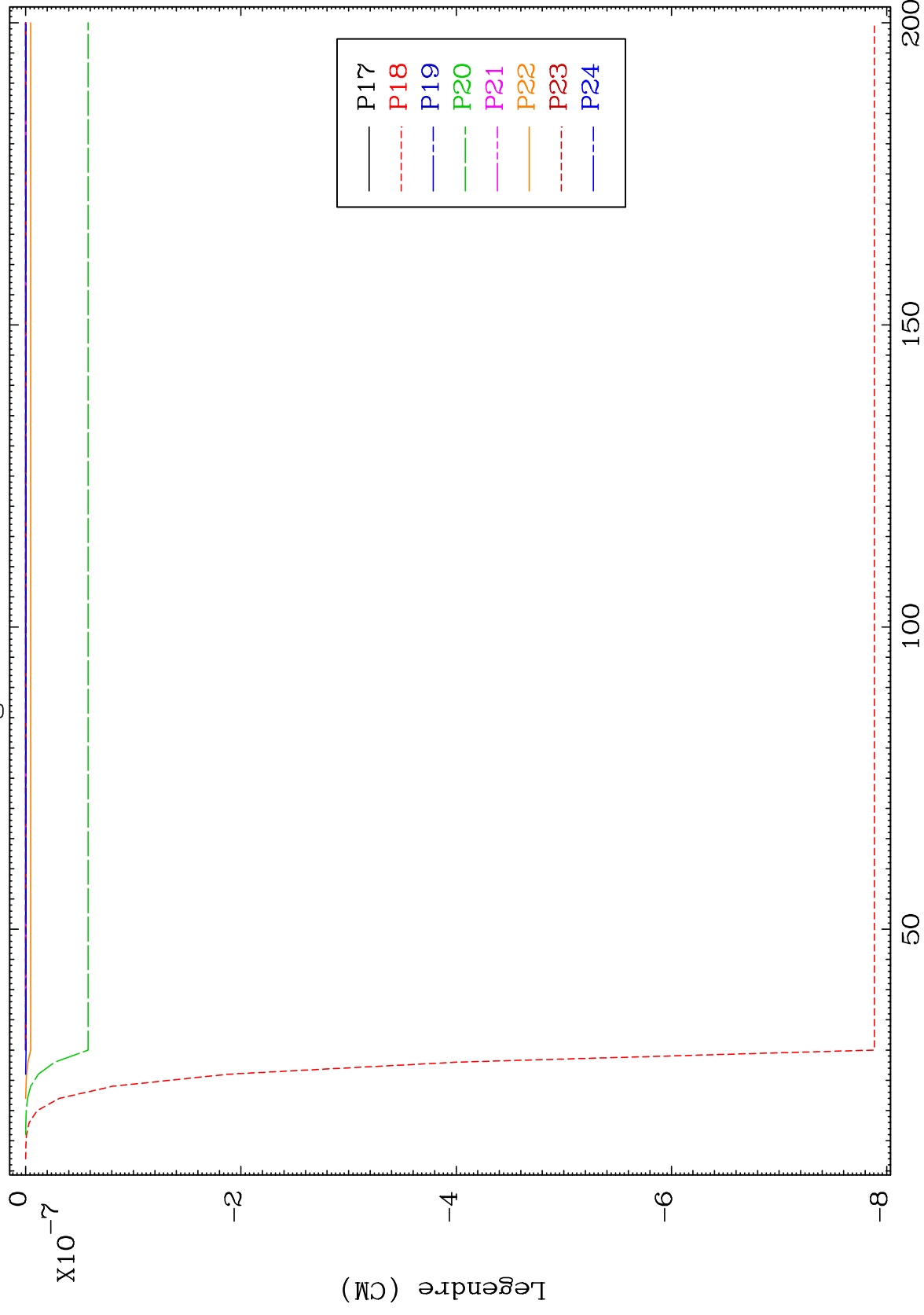
45



MAT 3534

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

35-Br-82



35-Br-82

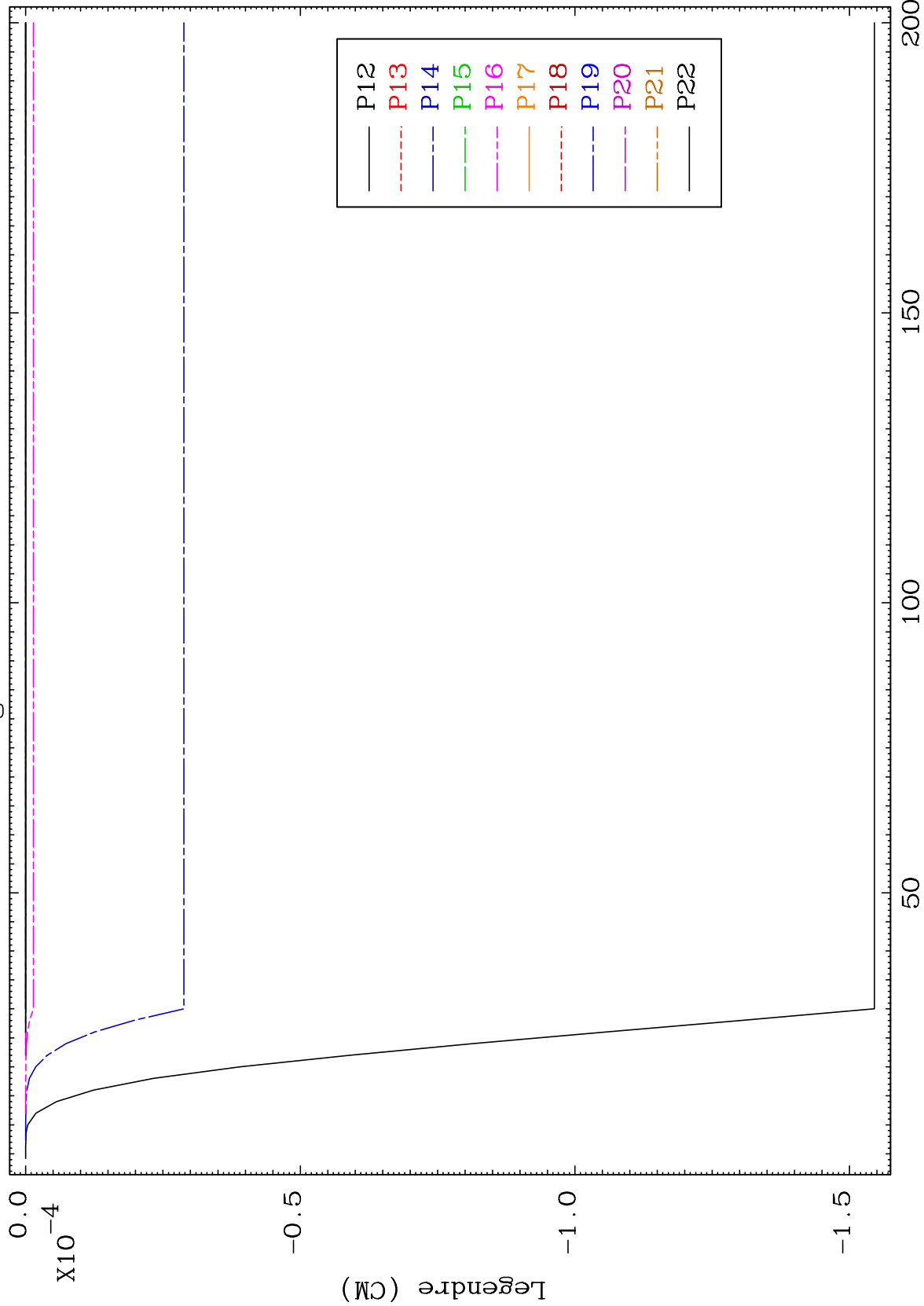
Incident Energy (MeV)

47

MAT 3534

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

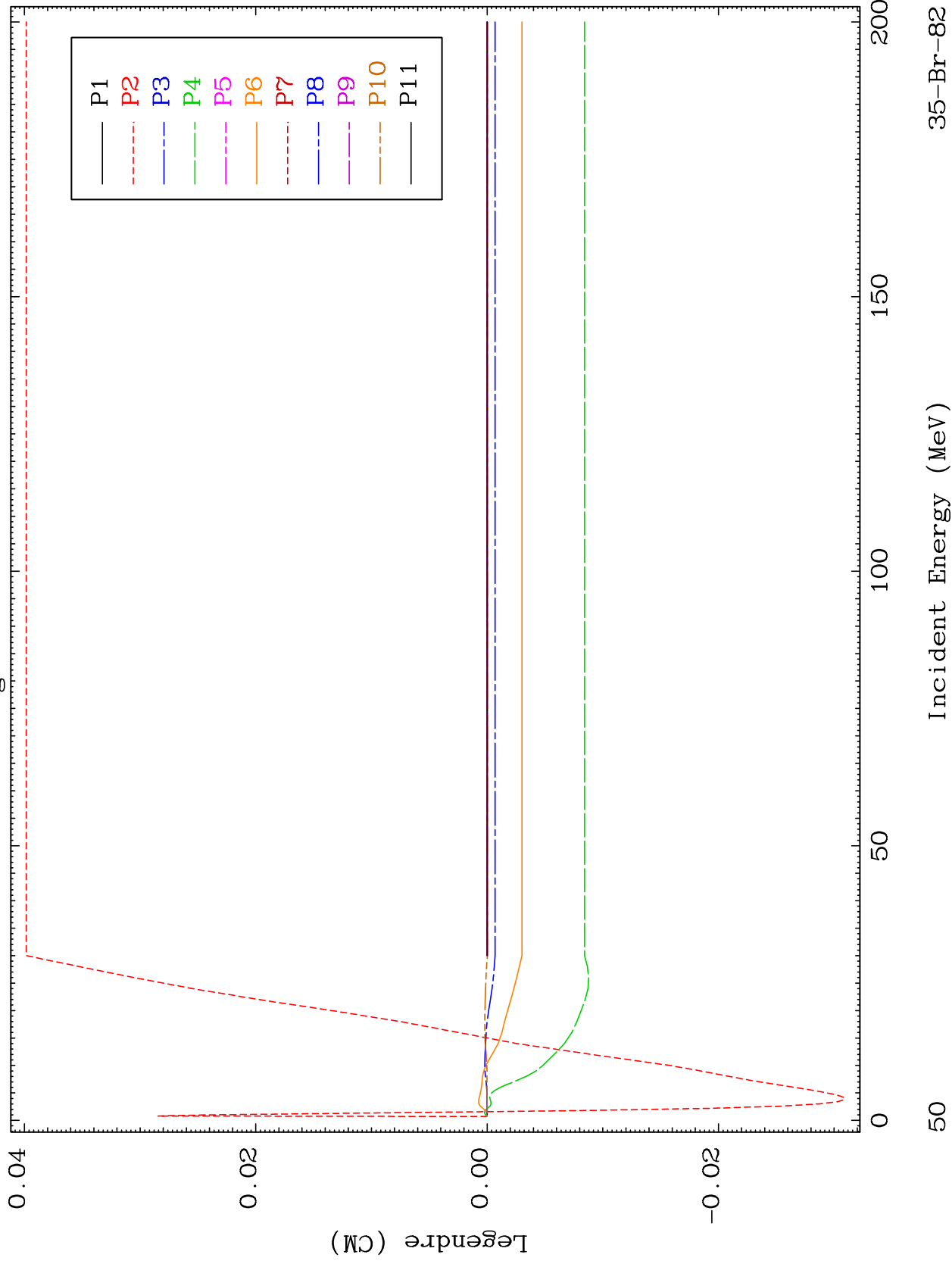
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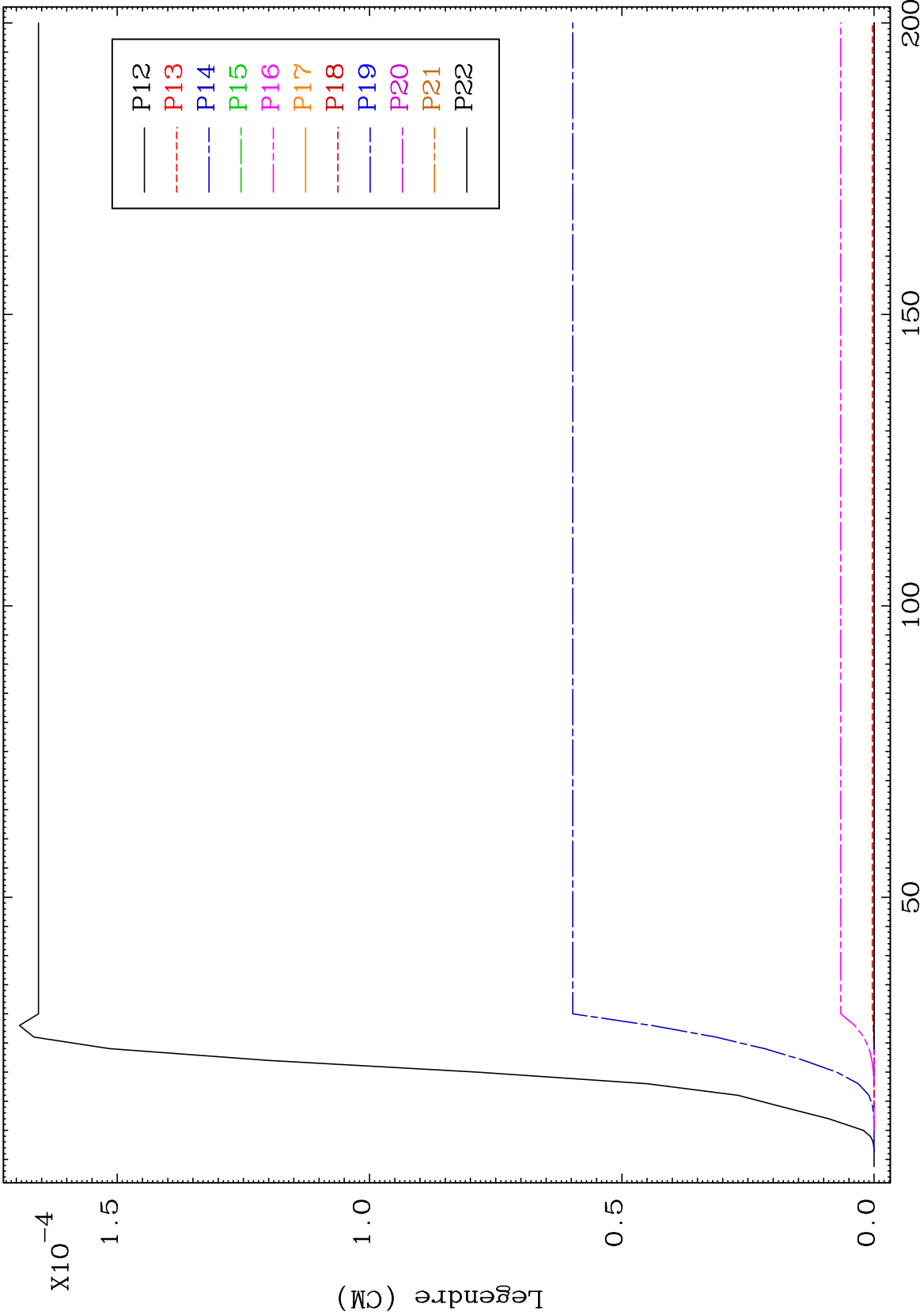


MAT 3534

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

35-Br-82

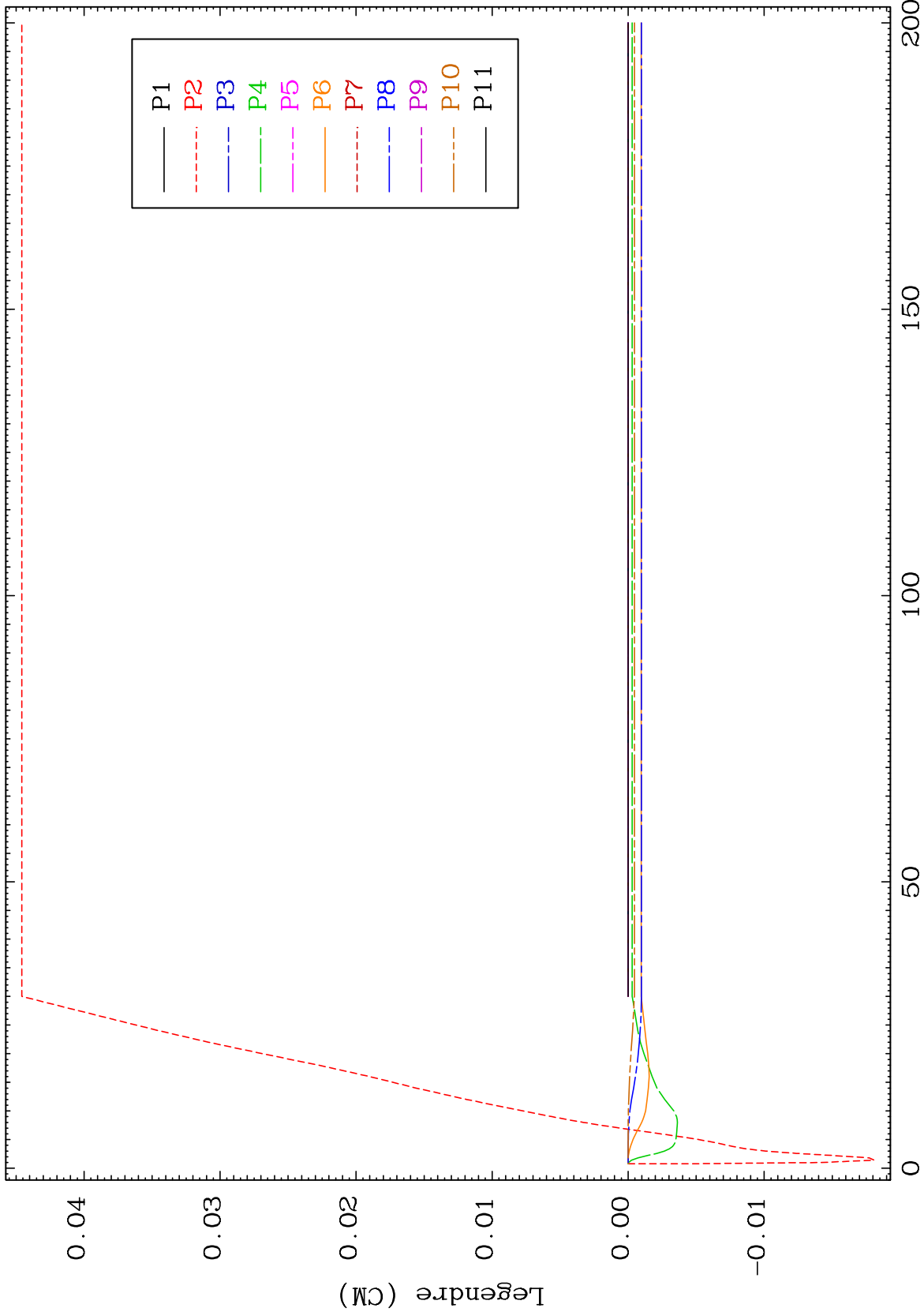




MAT 3534

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

35-Br-82



52

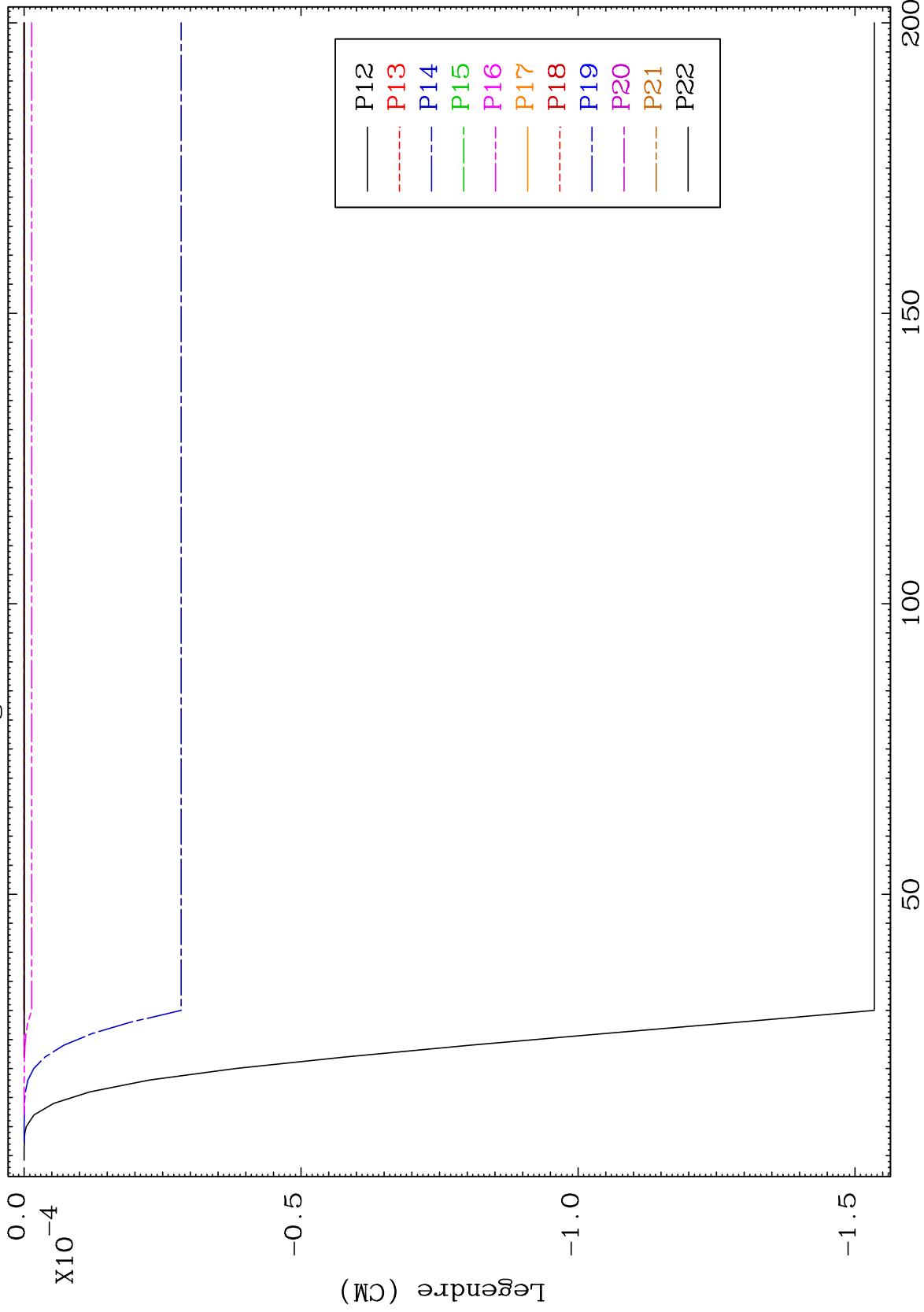
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



53

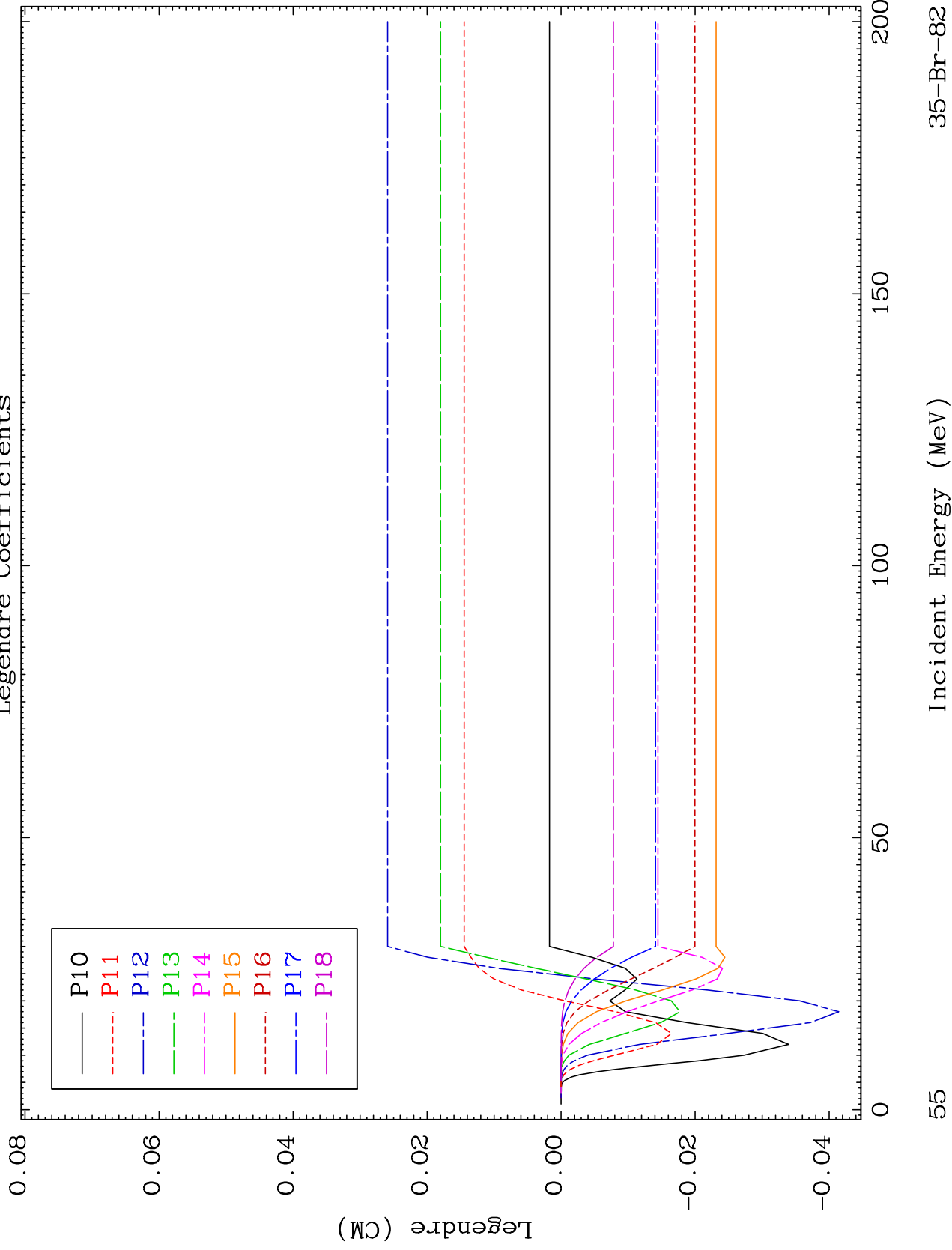
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82

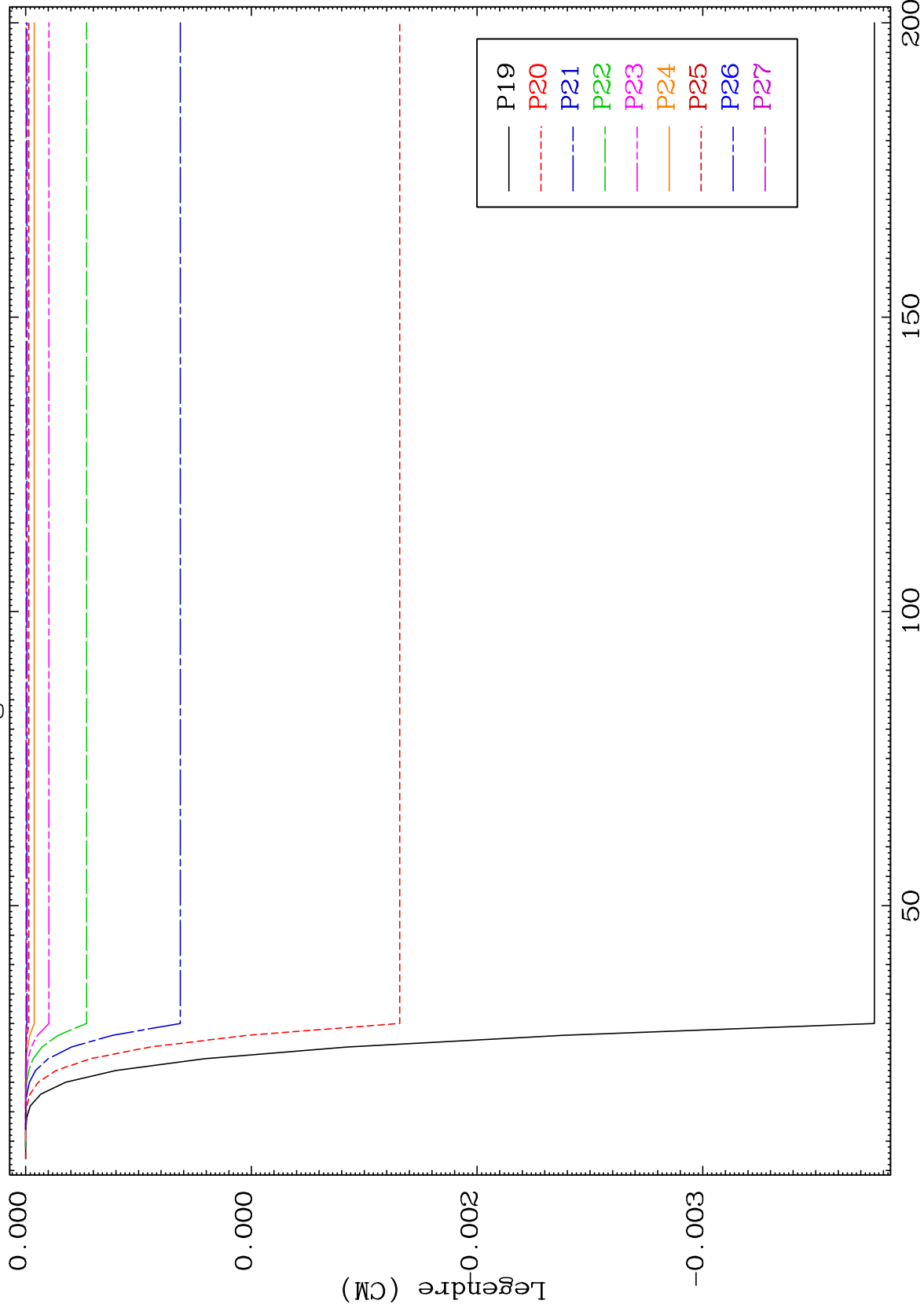


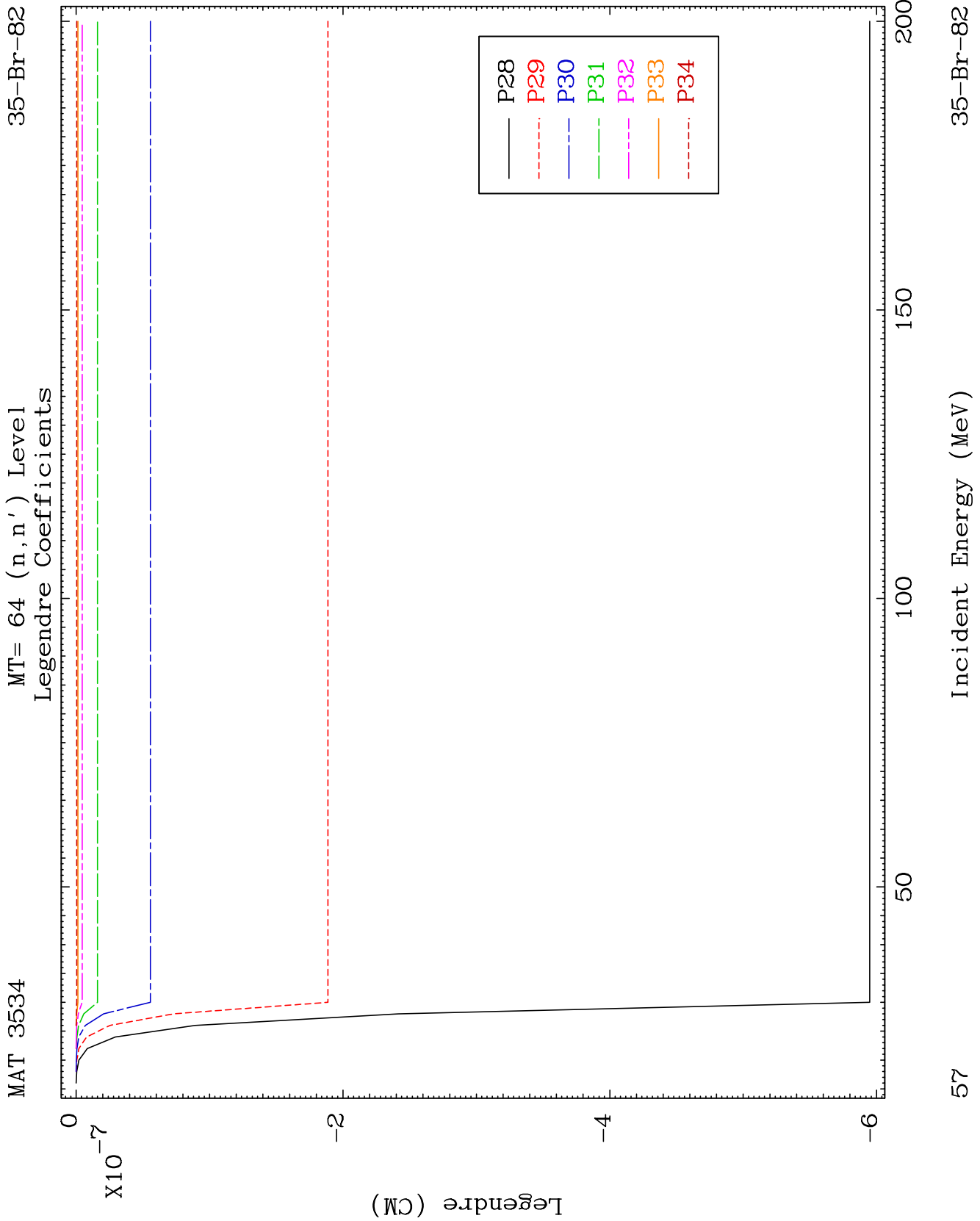
35-Br-82

Incident Energy (MeV)

55

Legendre Coefficients

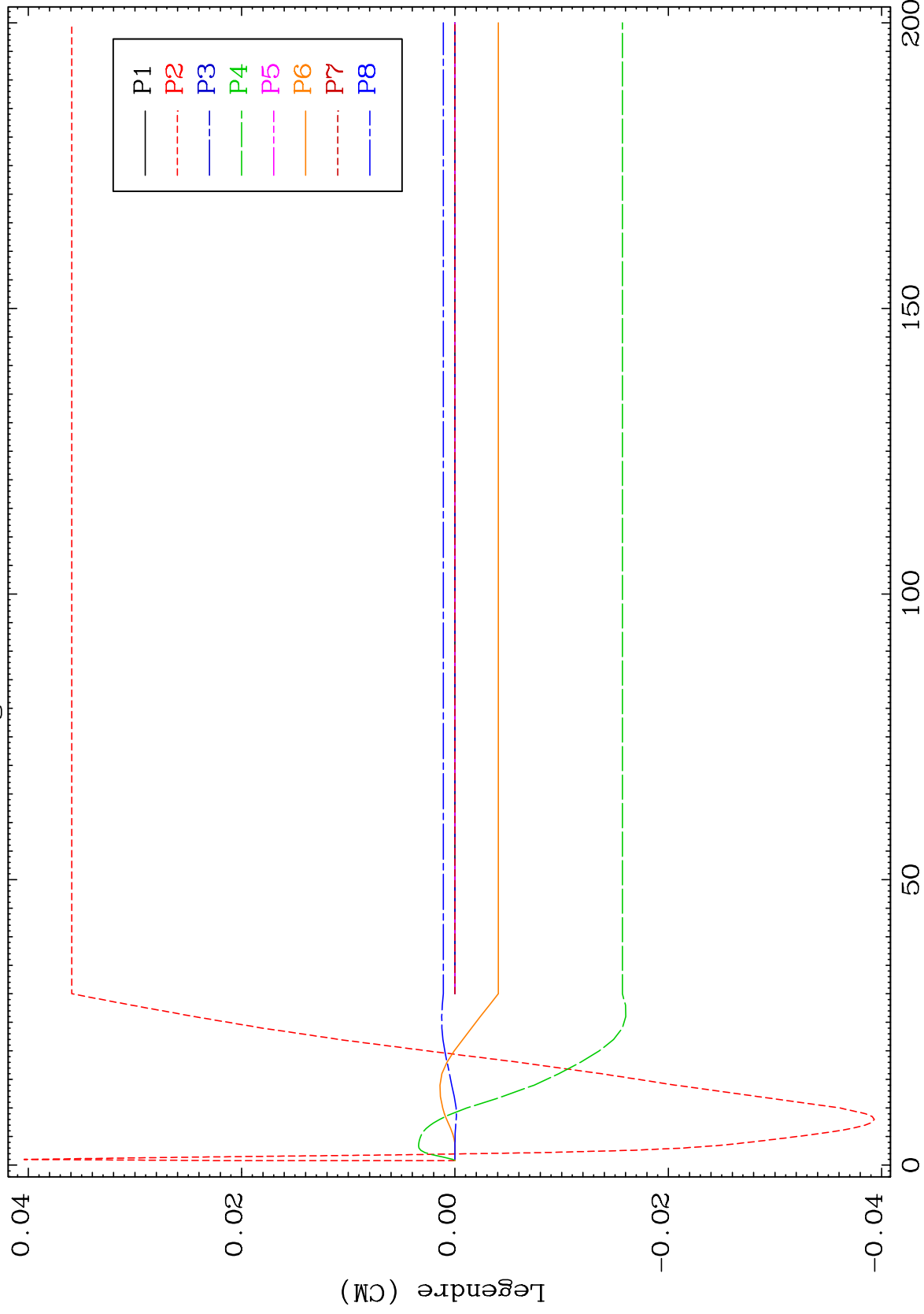




MAT 3534

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

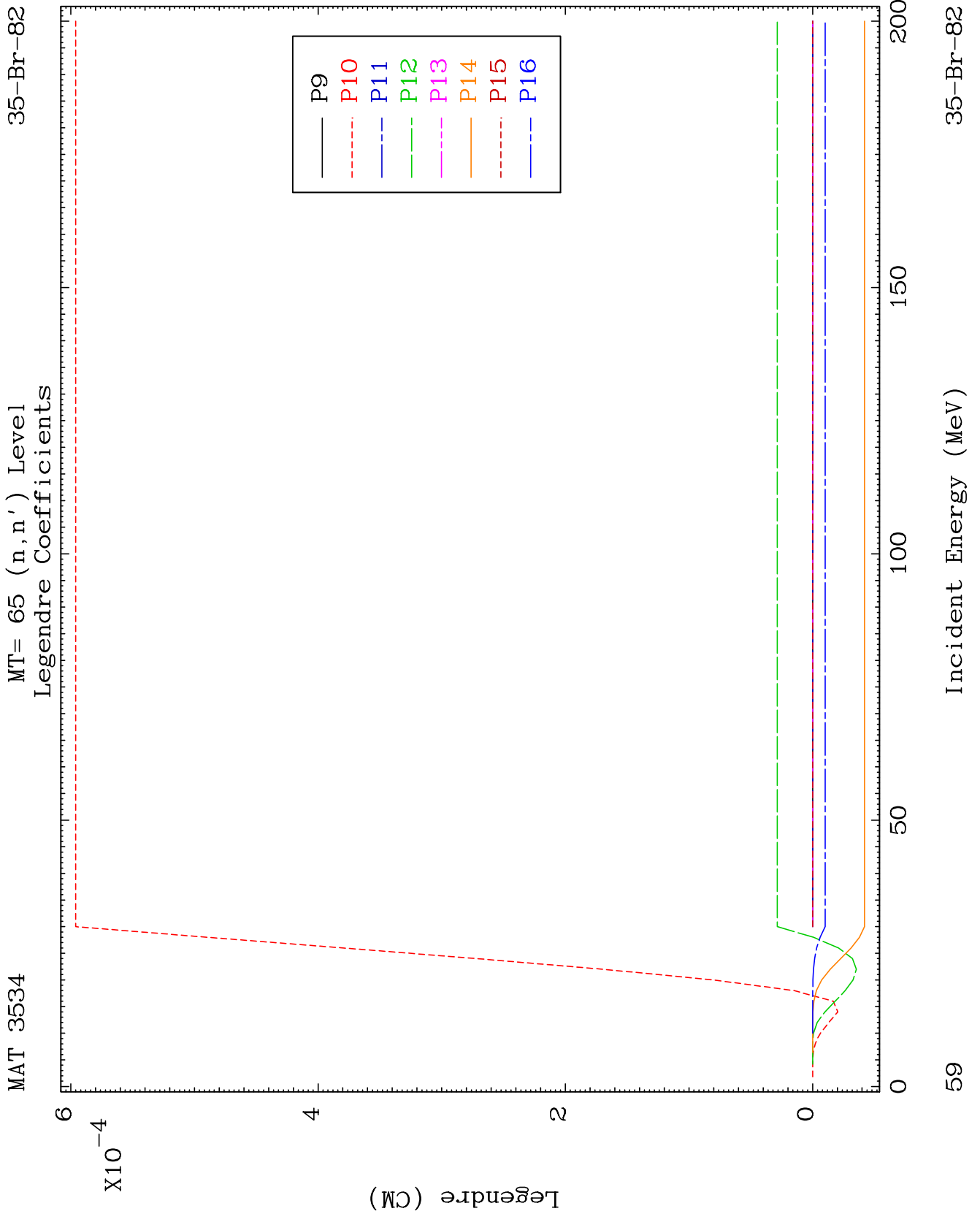
35-Br-82

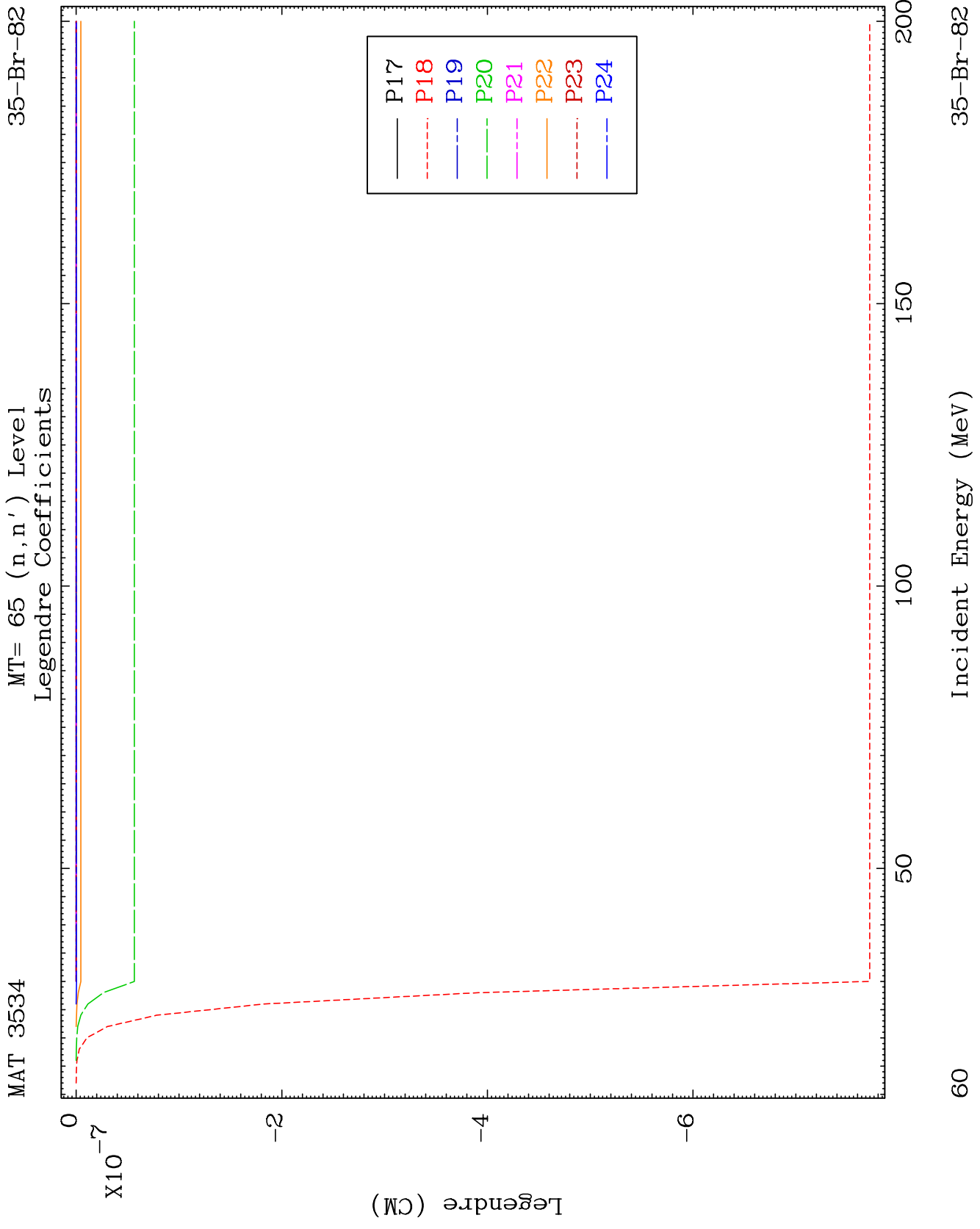


58

Incident Energy (MeV)

35-Br-82

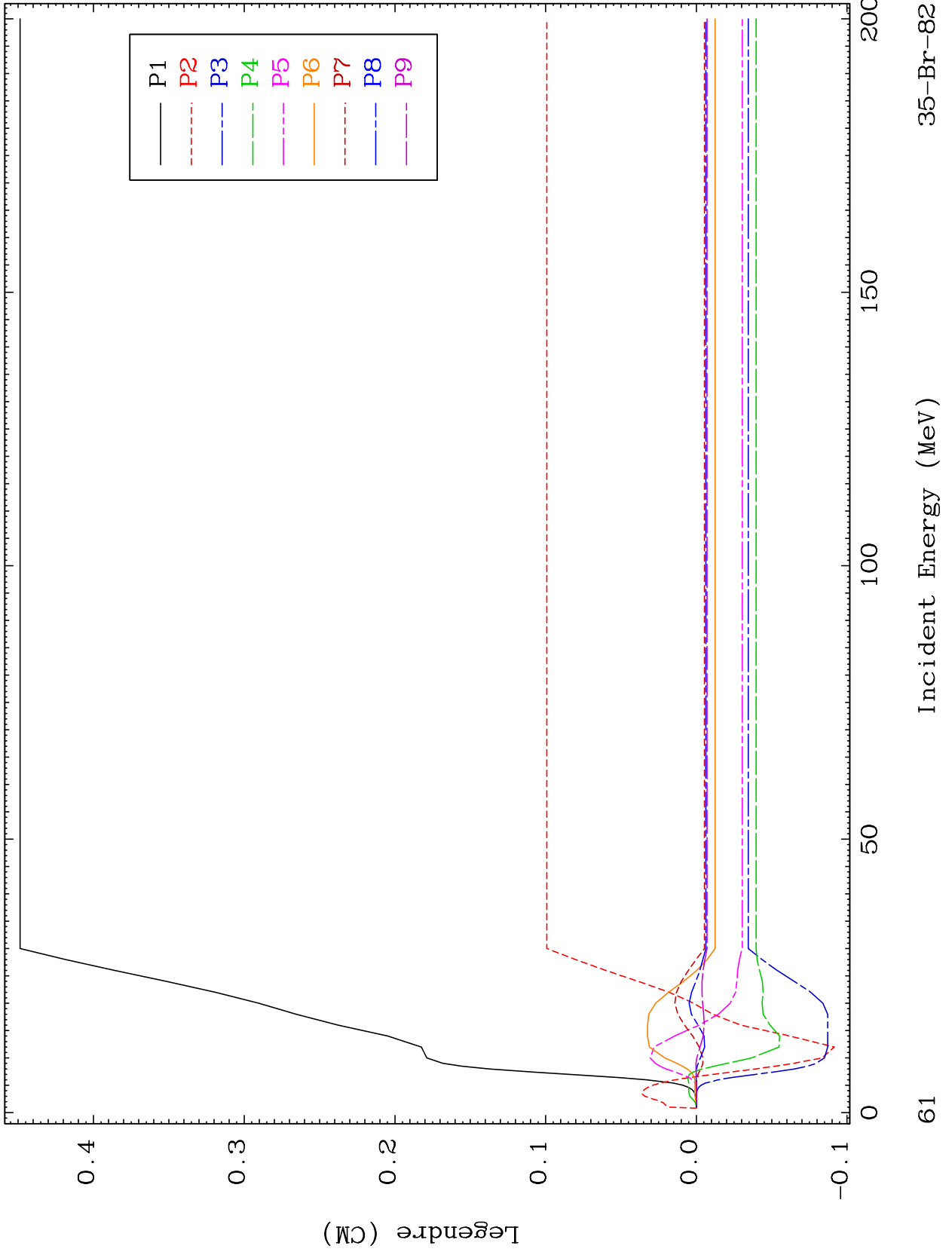




MAT 3534

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

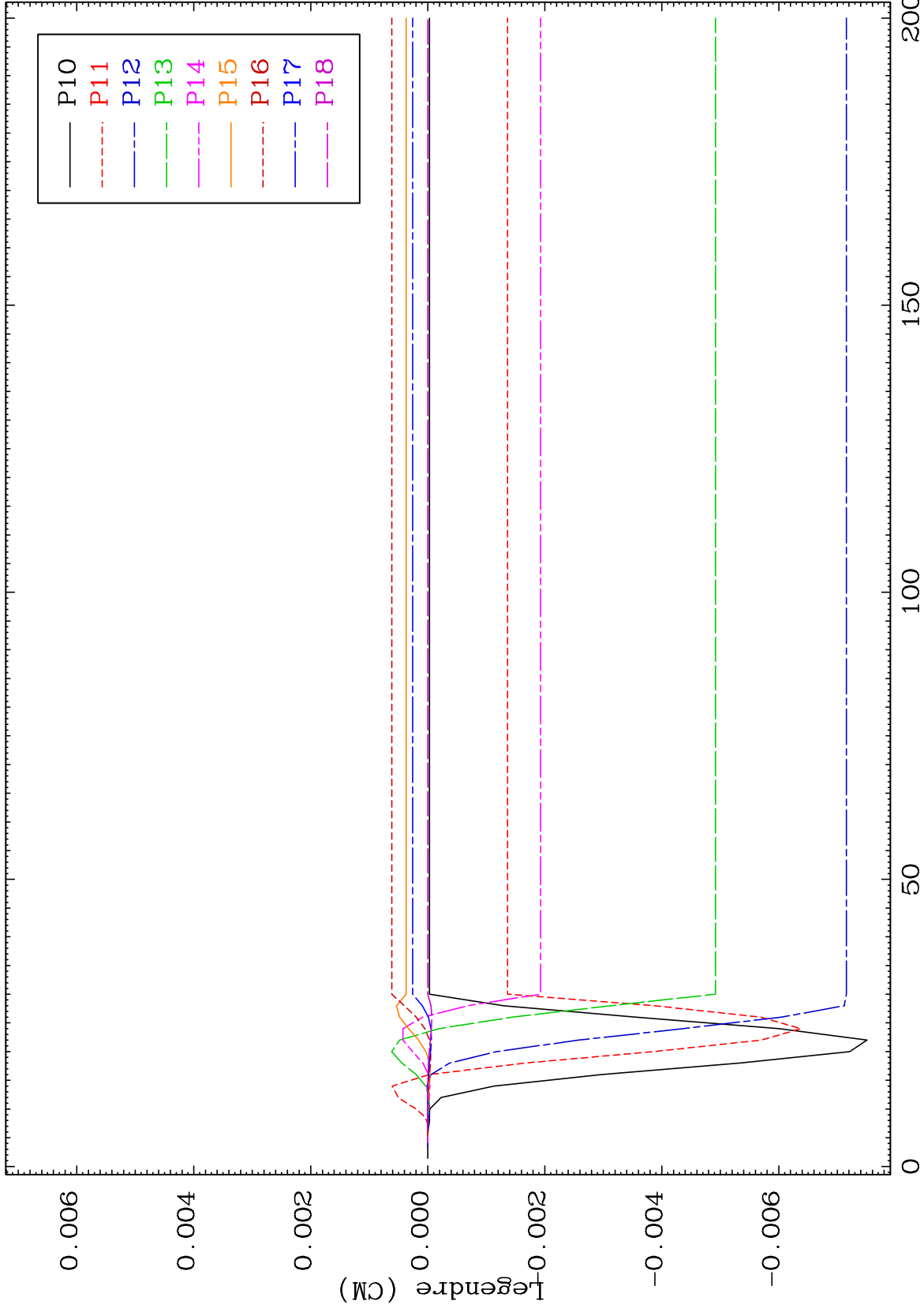
35-Br-82



MAT 3534

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

35-Br-82



62

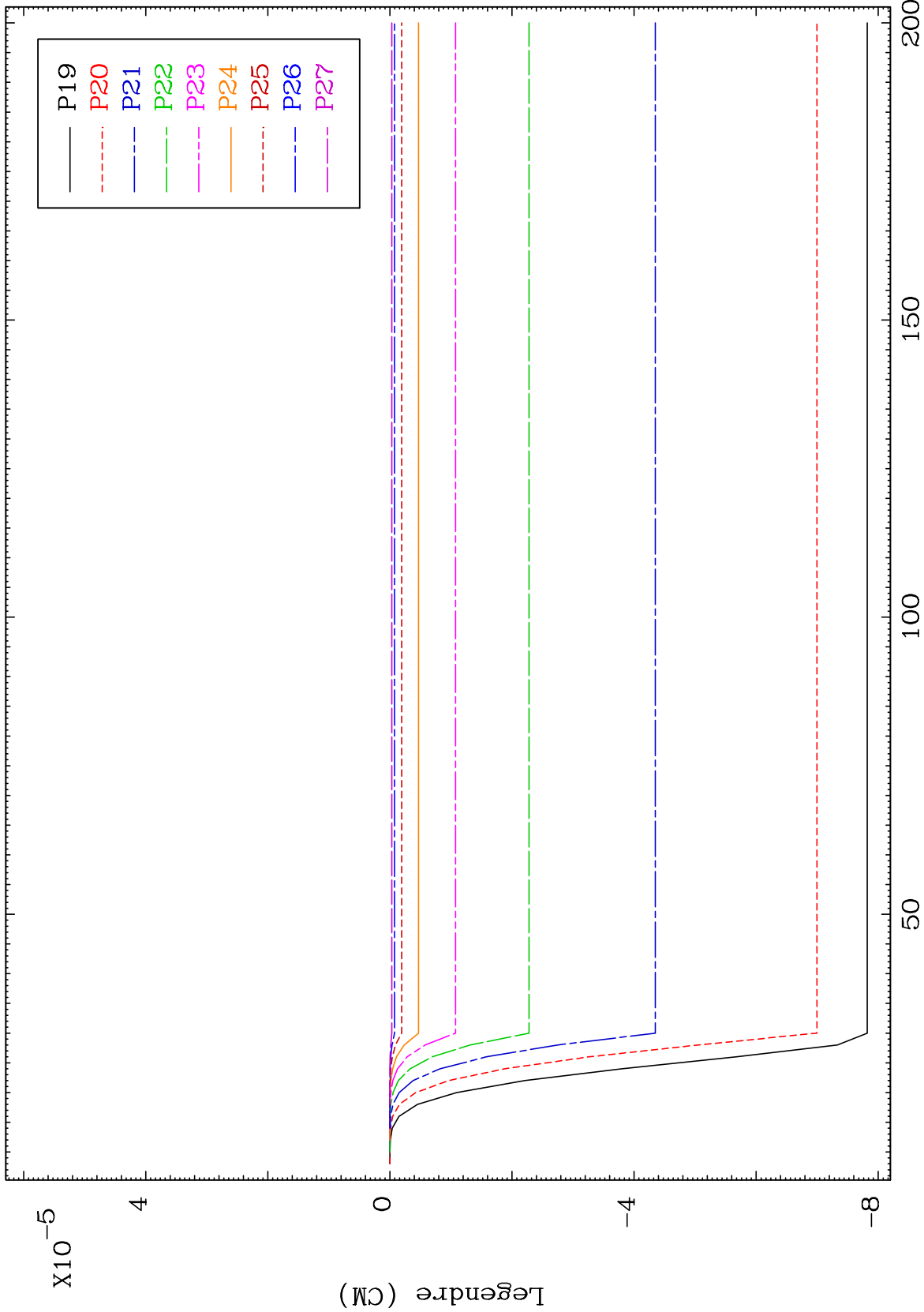
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



63

Incident Energy (MeV)

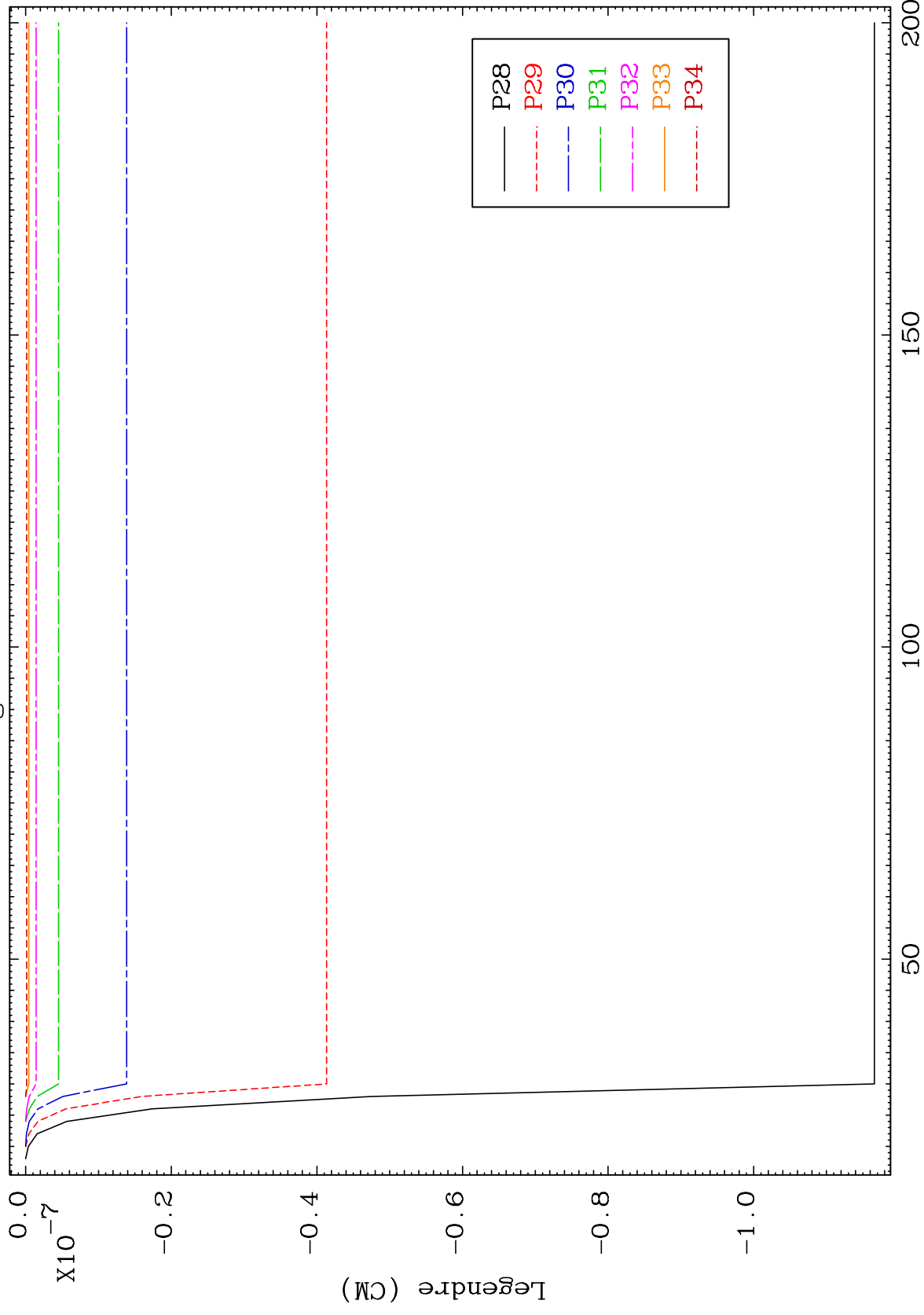
35-Br-82

MAT 3534

MT= 66 (n,n') Level

35-Br-82

Legendre Coefficients



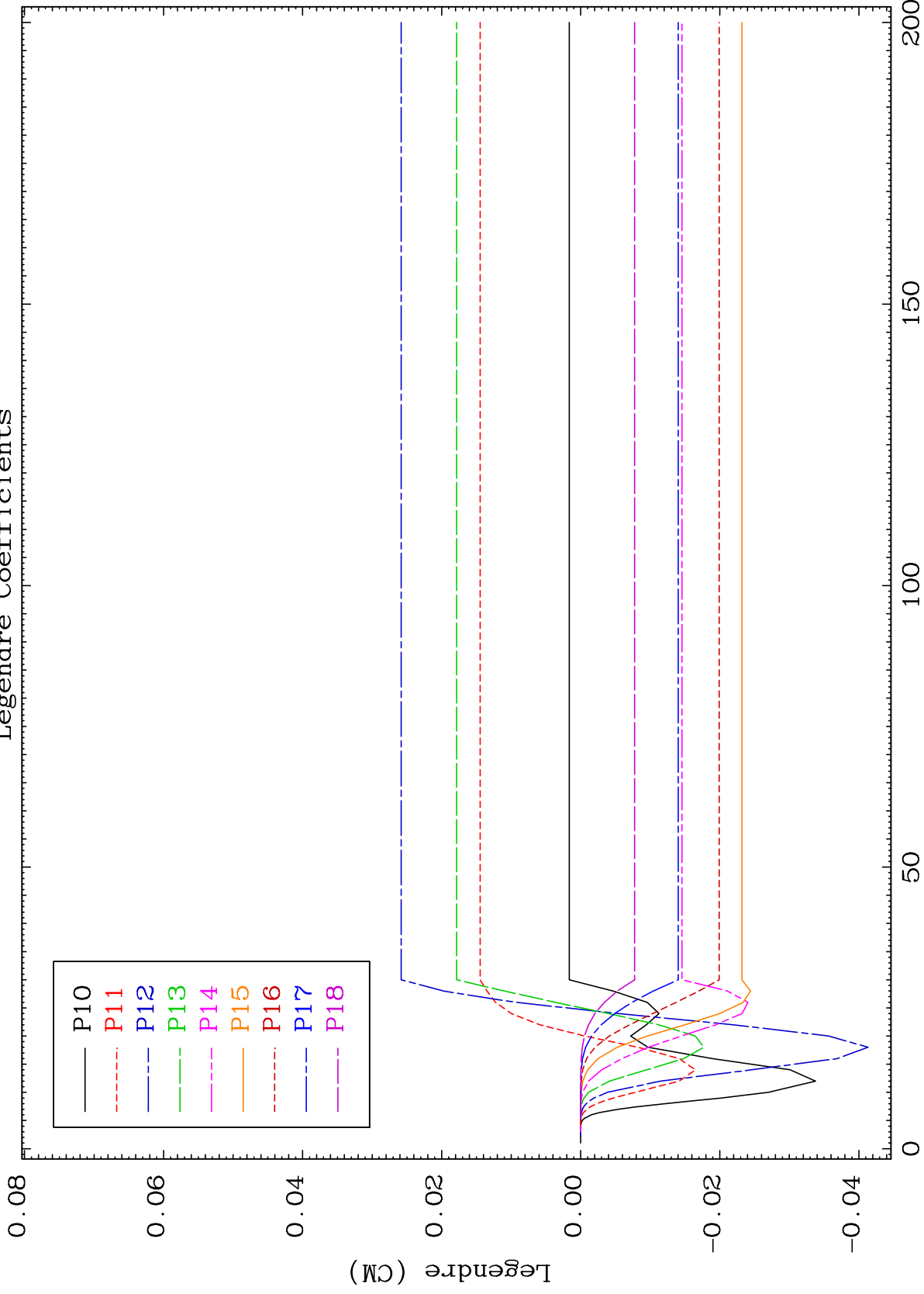
64

35-Br-82

MAT 3534

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

35-Br-82



66

Incident Energy (MeV)

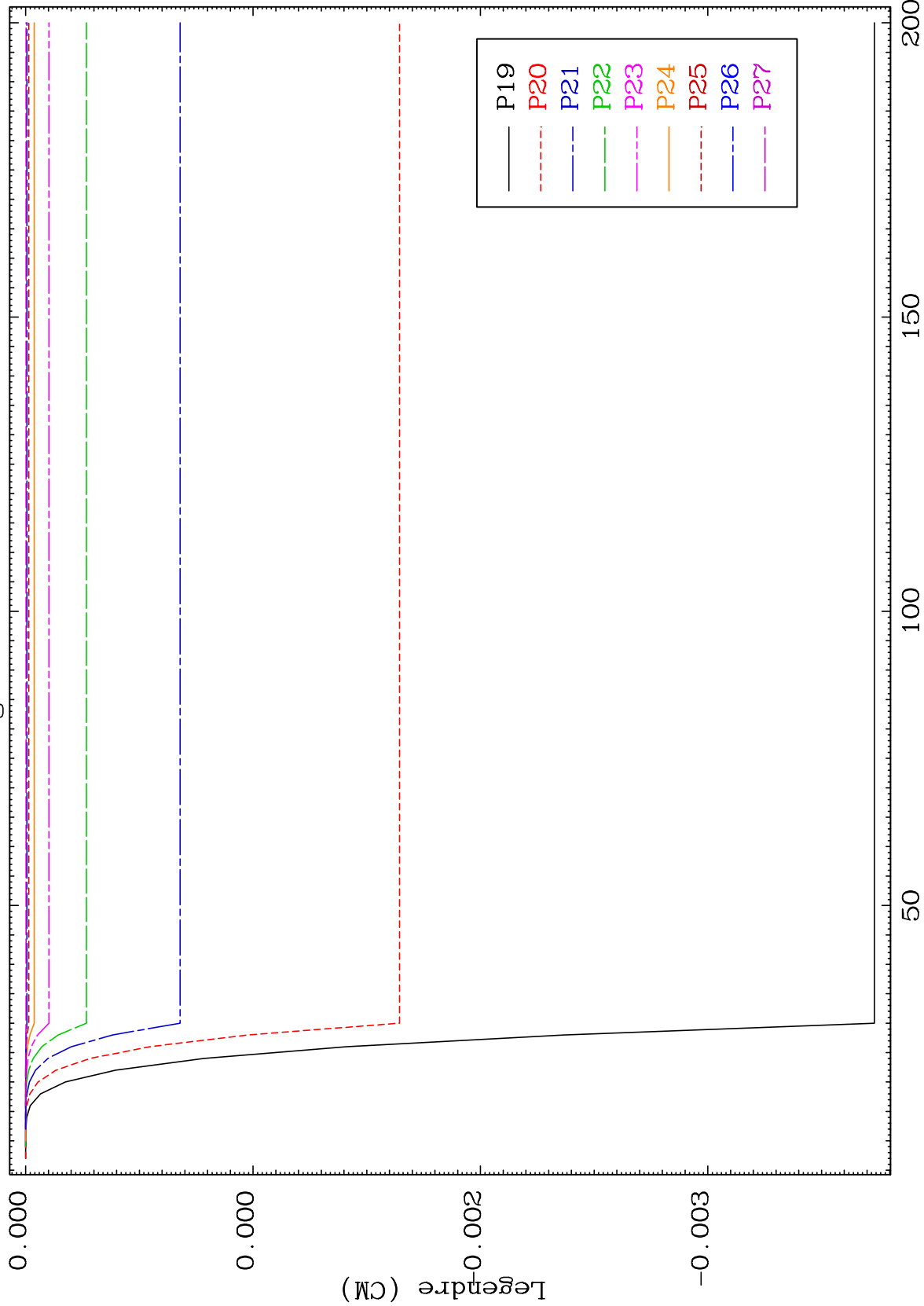
35-Br-82

MAT 3534

MT= 67 (n,n') Level

35-Br-82

Legendre Coefficients



35-Br-82

Incident Energy (MeV)

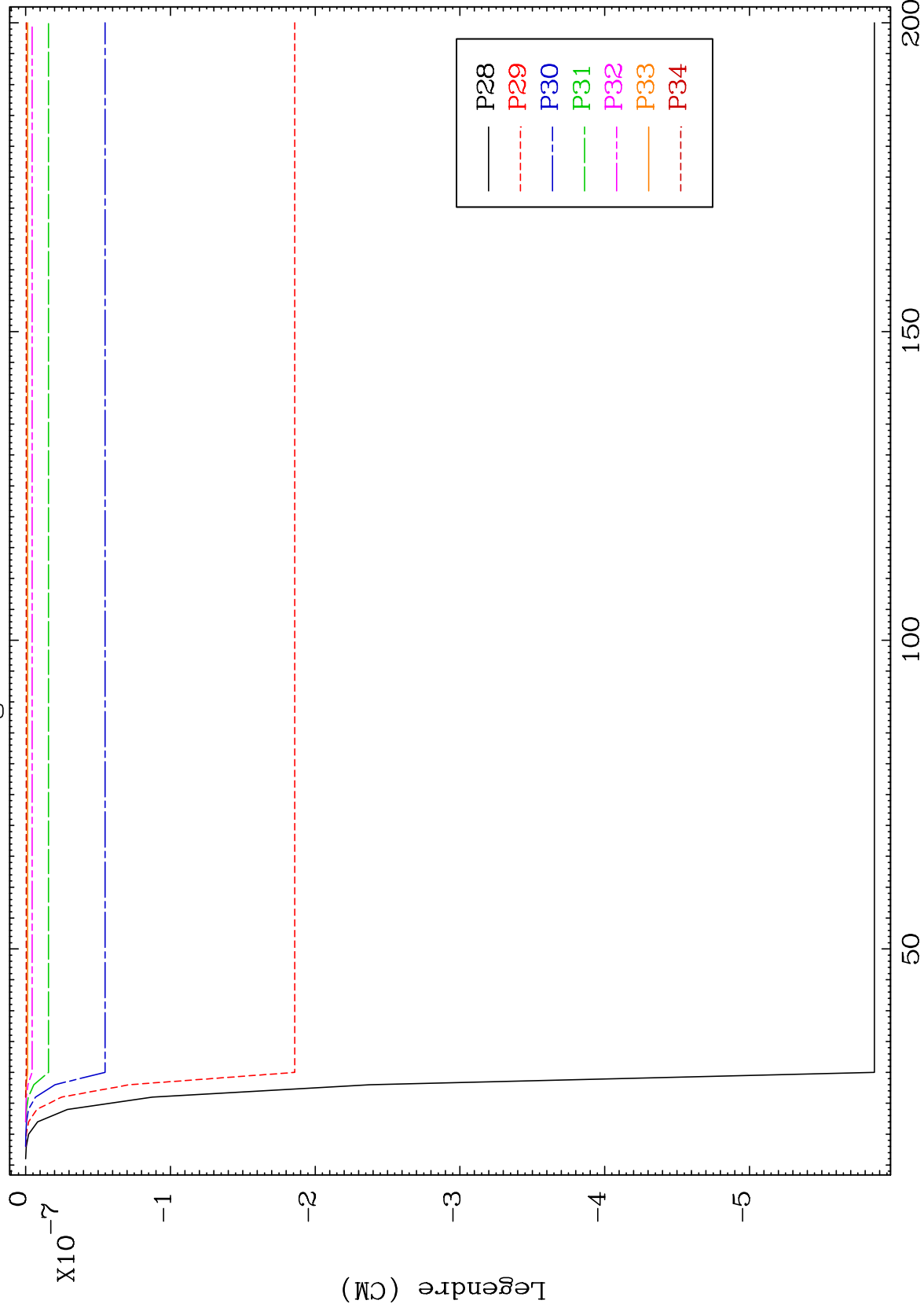
67

MAT 3534

MT= 67 (n,n') Level

35-Br-82

Legendre Coefficients



35-Br-82

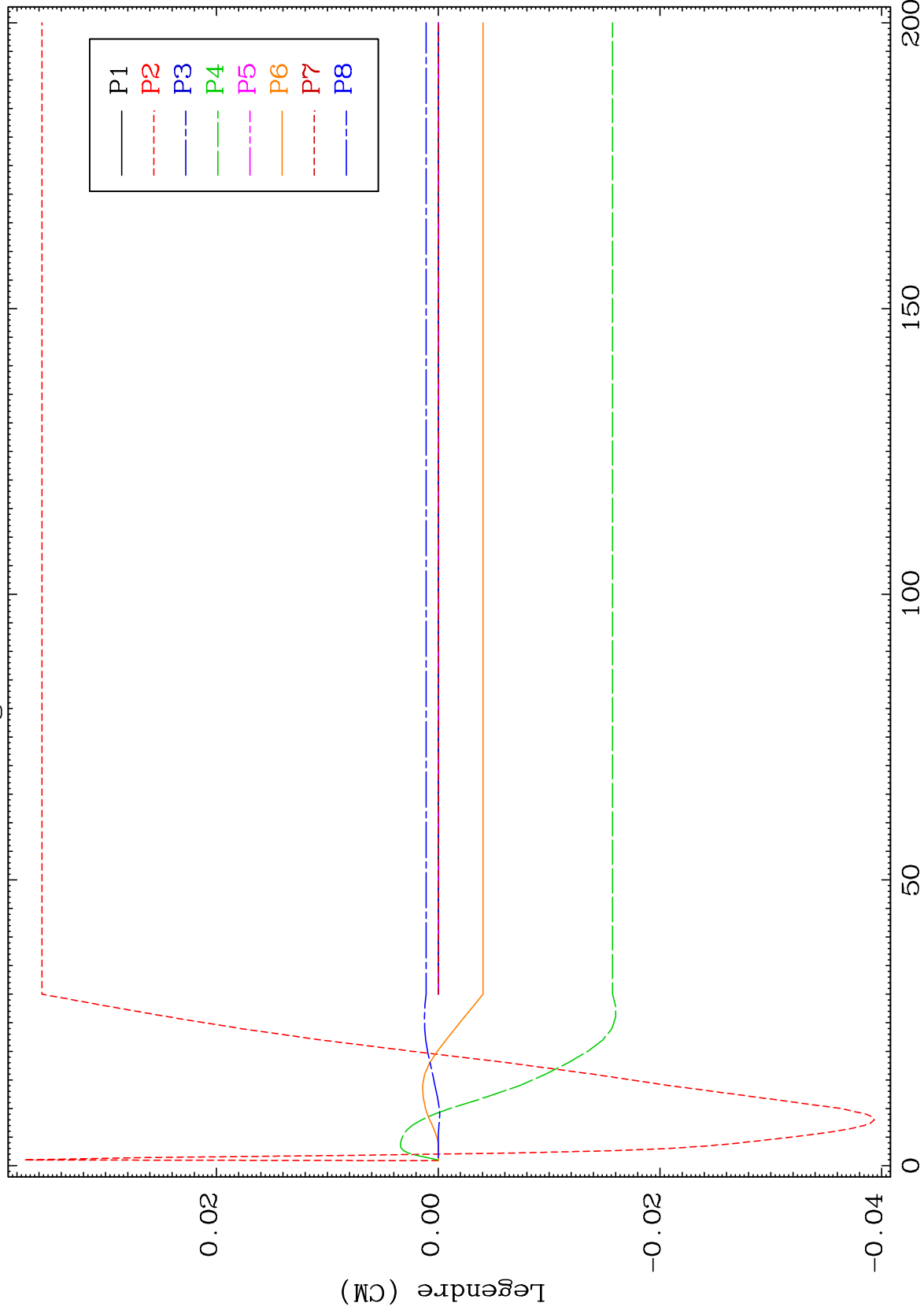
Incident Energy (MeV)

68

MAT 3534

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

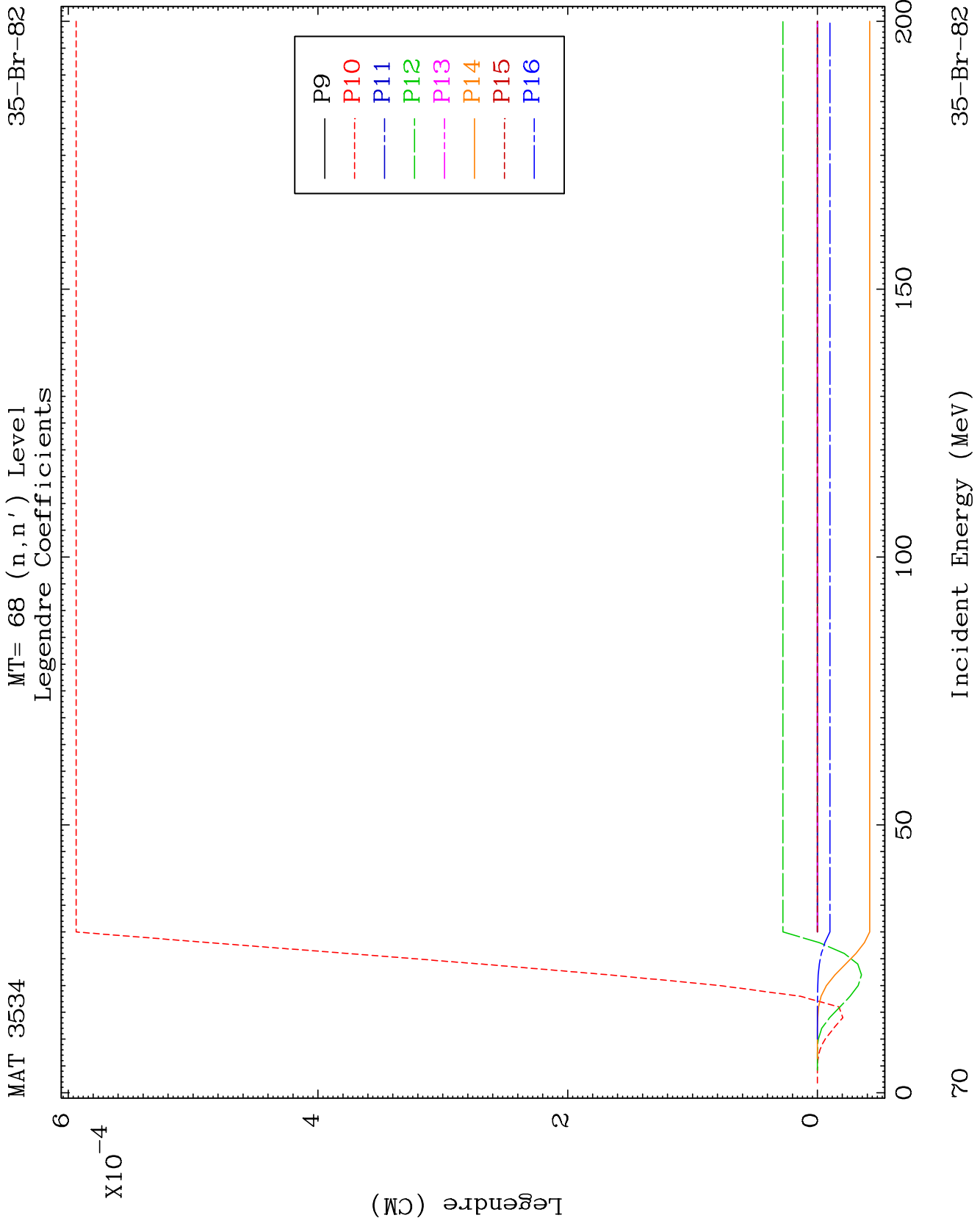
35-Br-82



69

Incident Energy (MeV)

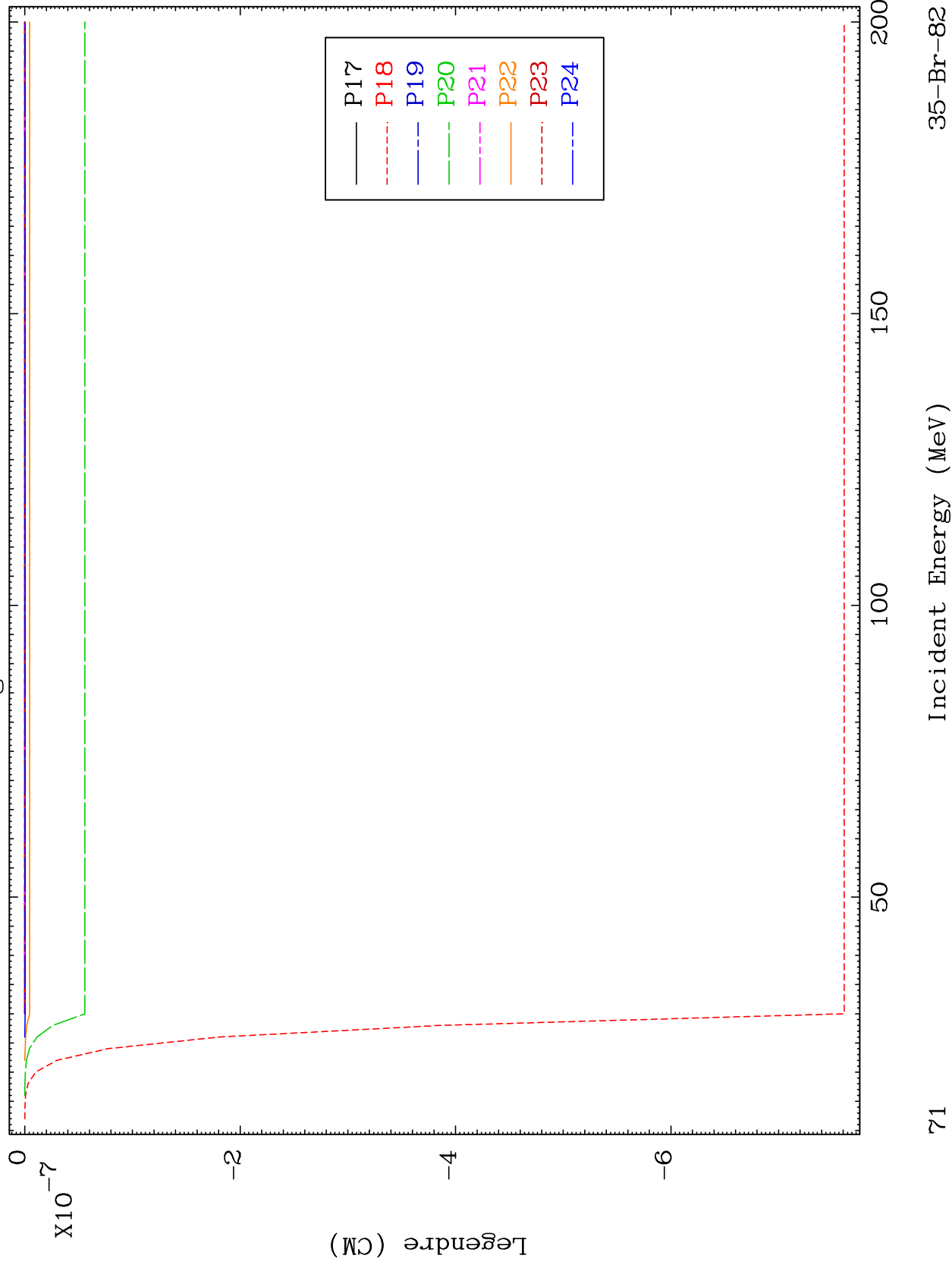
35-Br-82



MAT 3534

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

35-Br-82



71

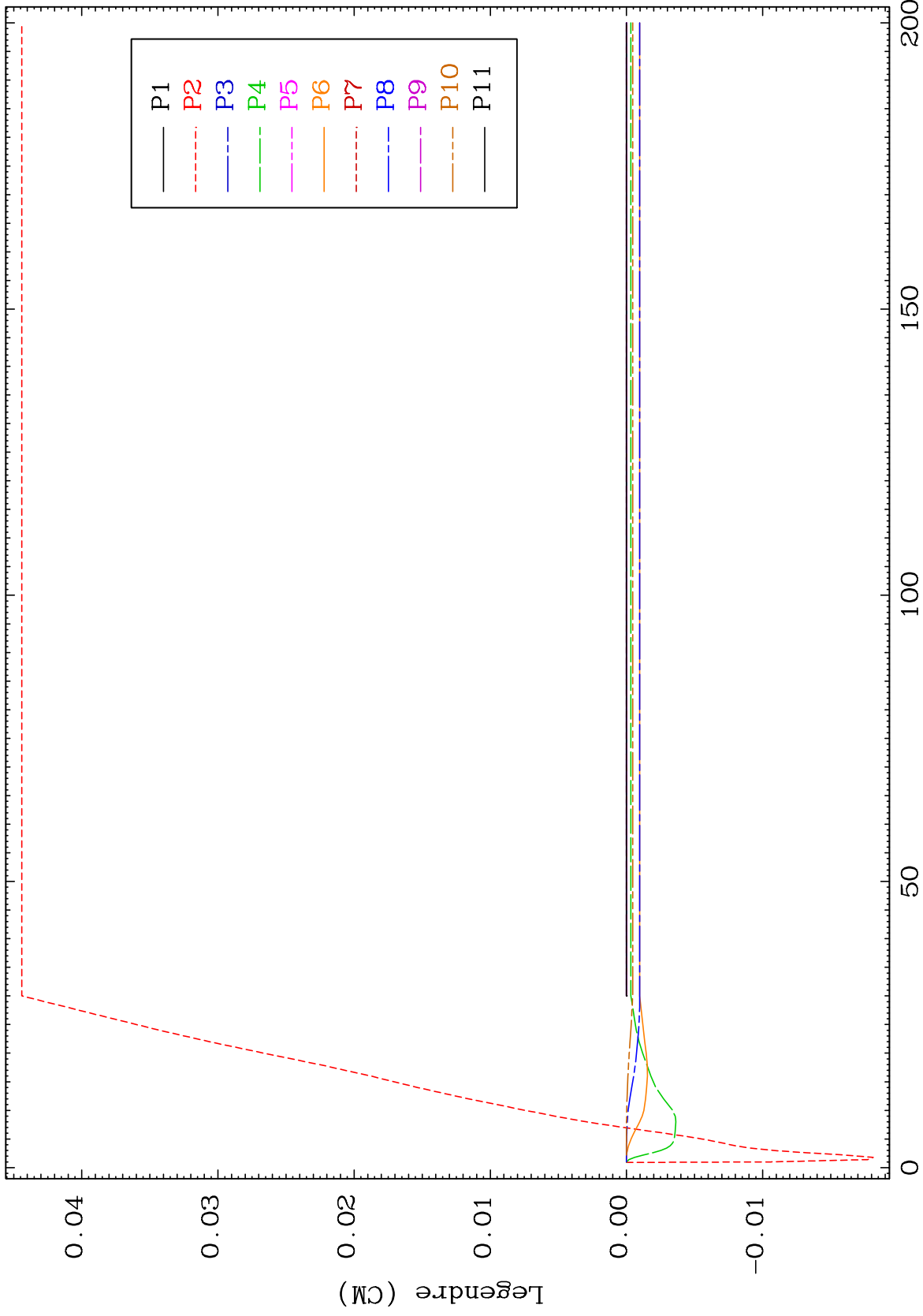
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



72

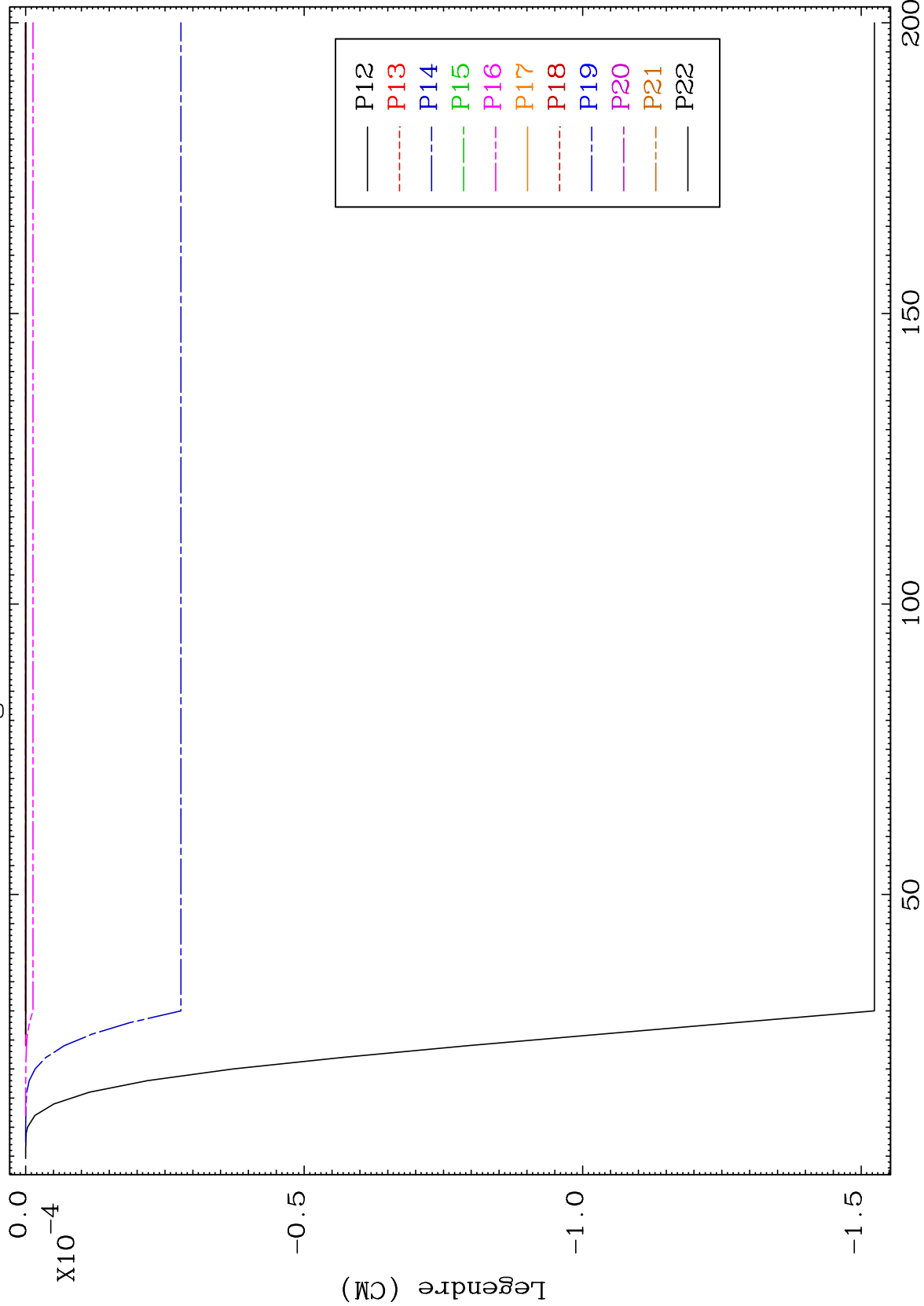
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



73

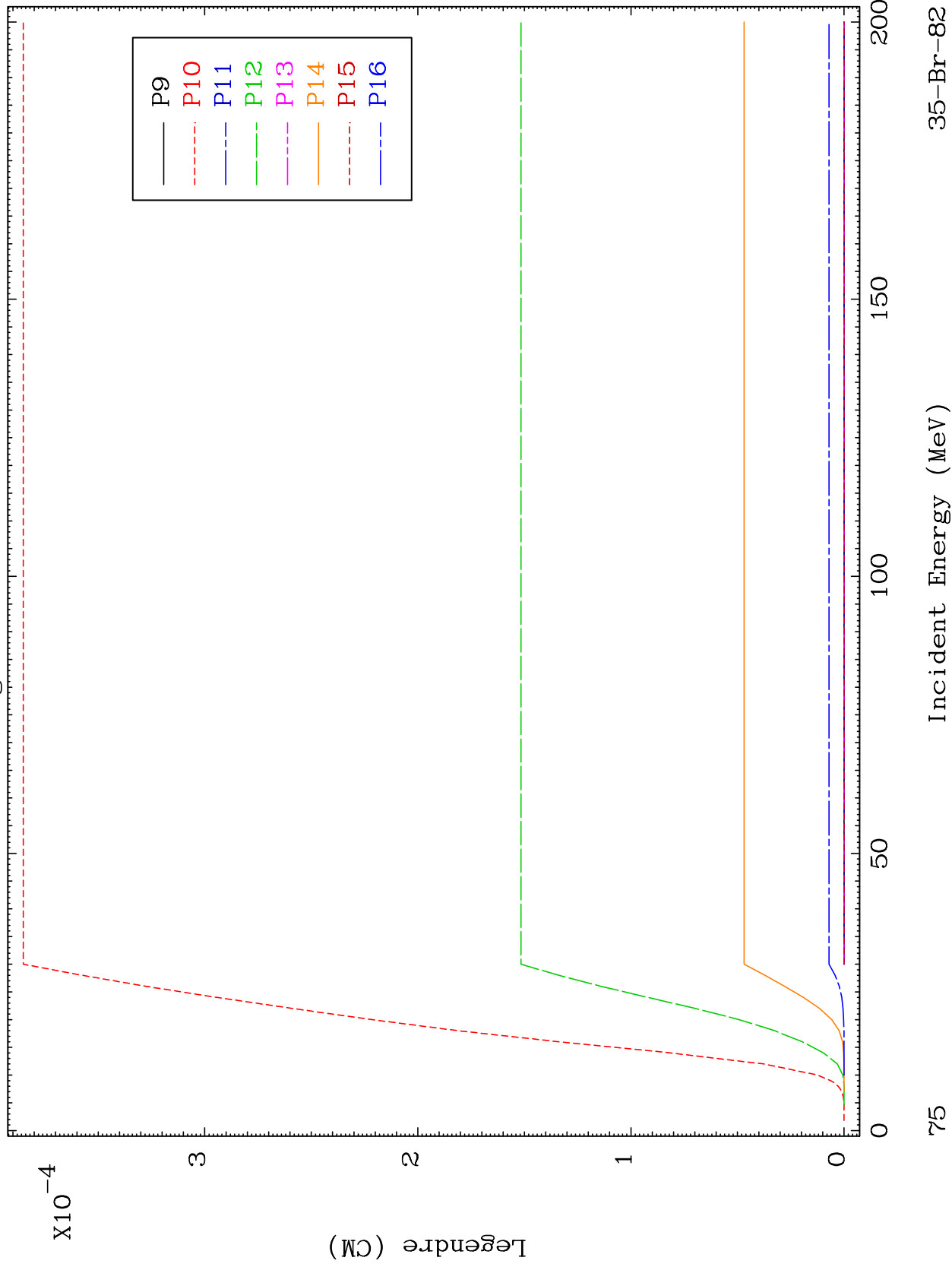
Incident Energy (MeV)

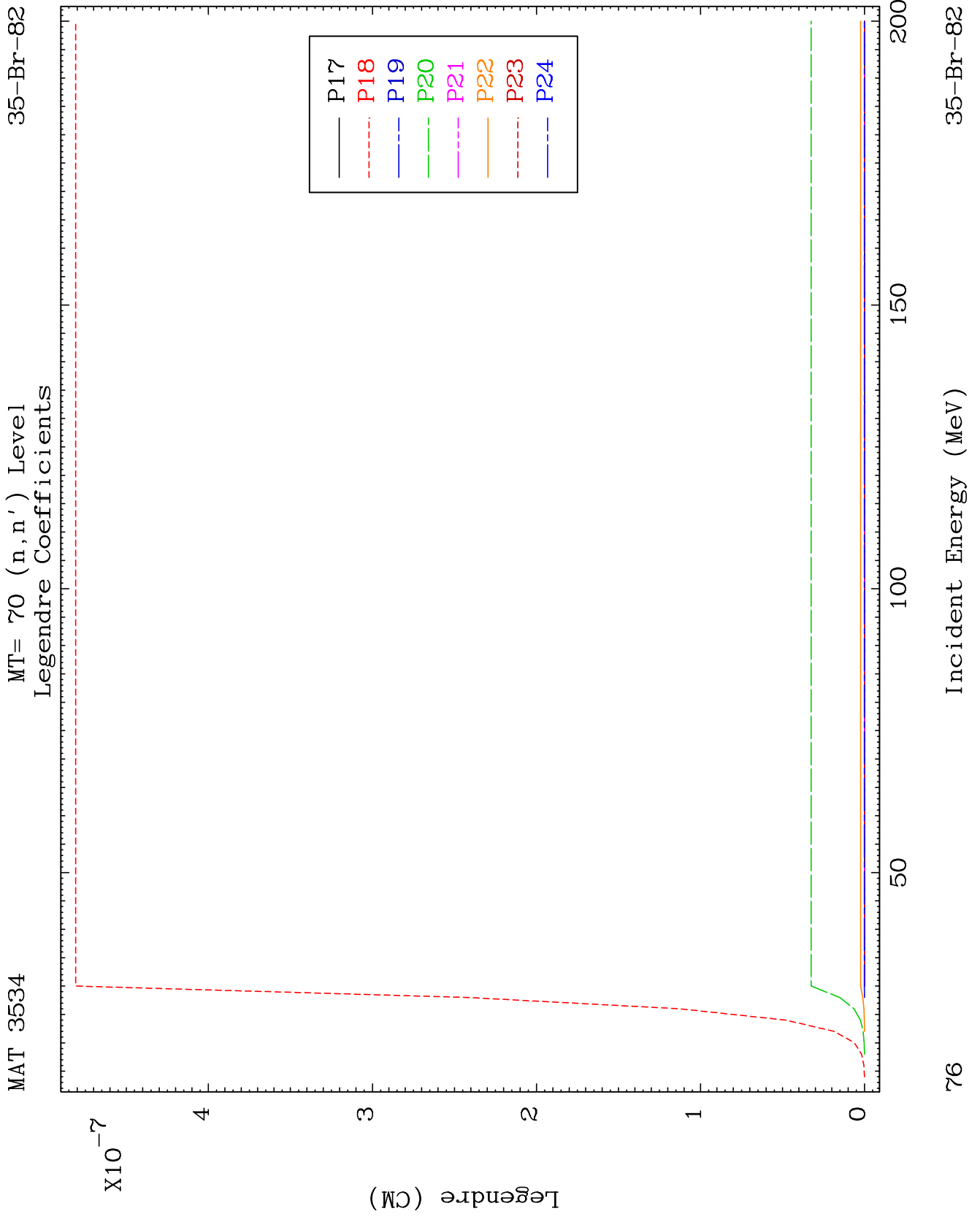
35-Br-82

MAT 3534

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

35-Br-82

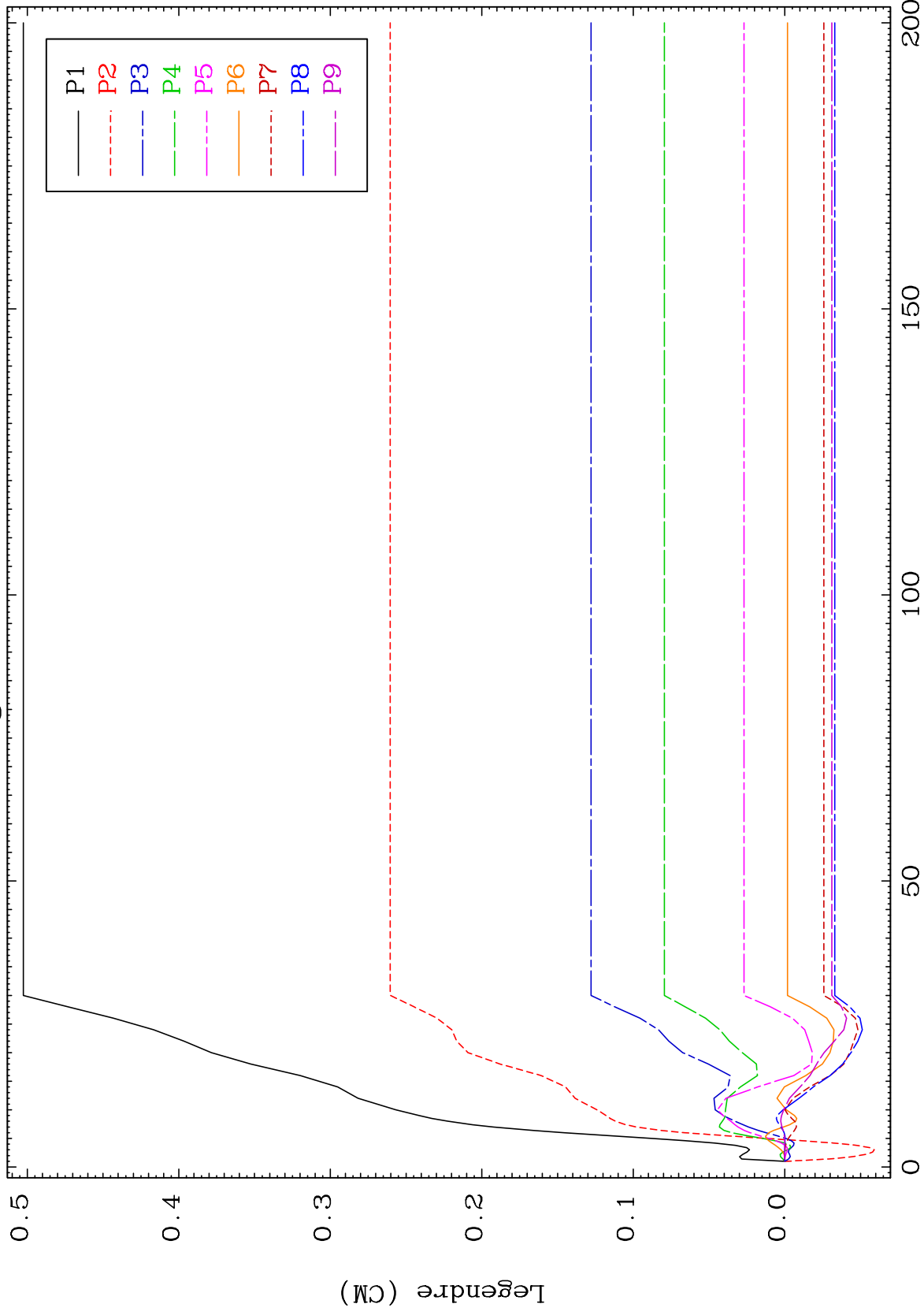




MAT 3534

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

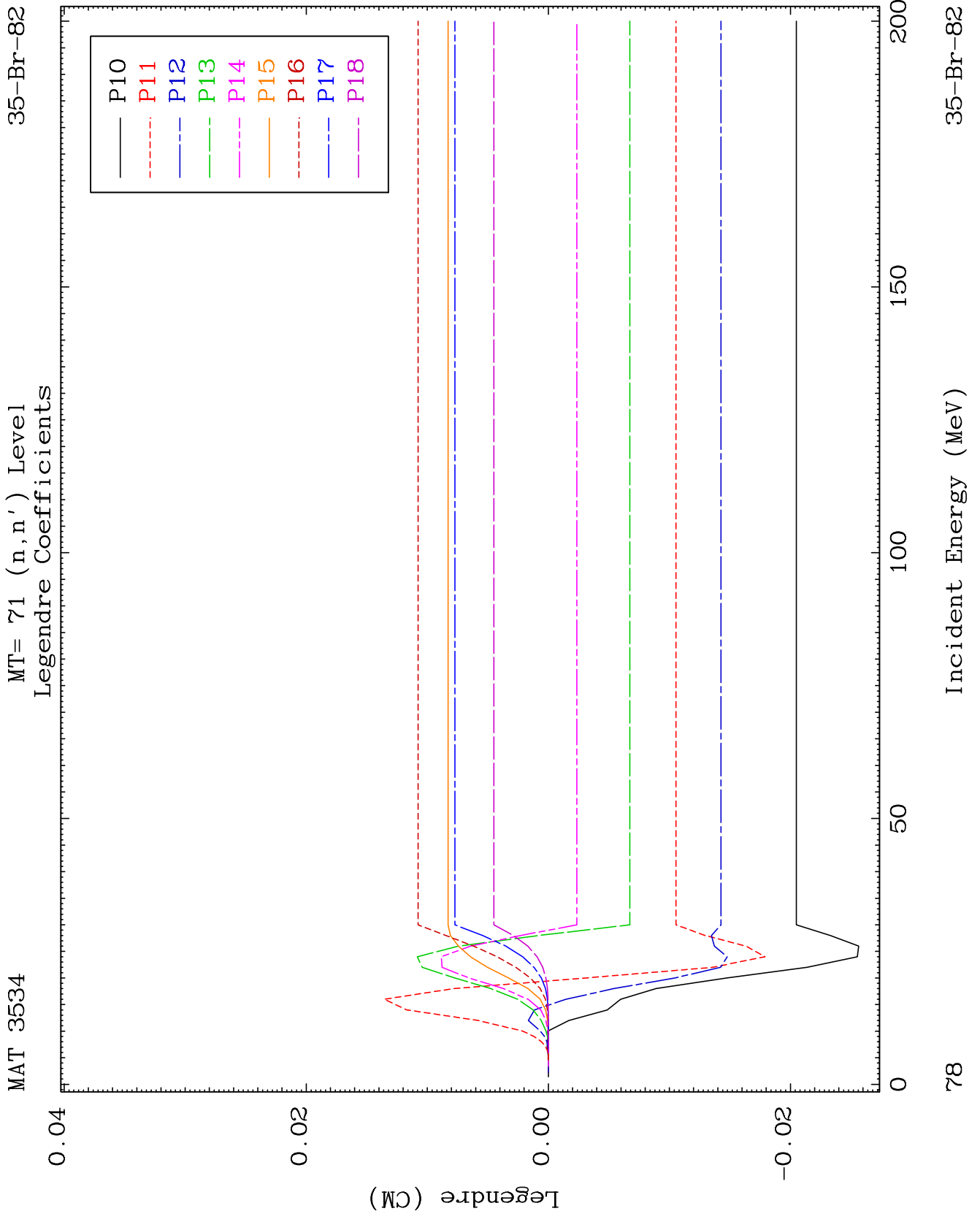
35-Br-82



77

Incident Energy (MeV)

35-Br-82



35-Br-82

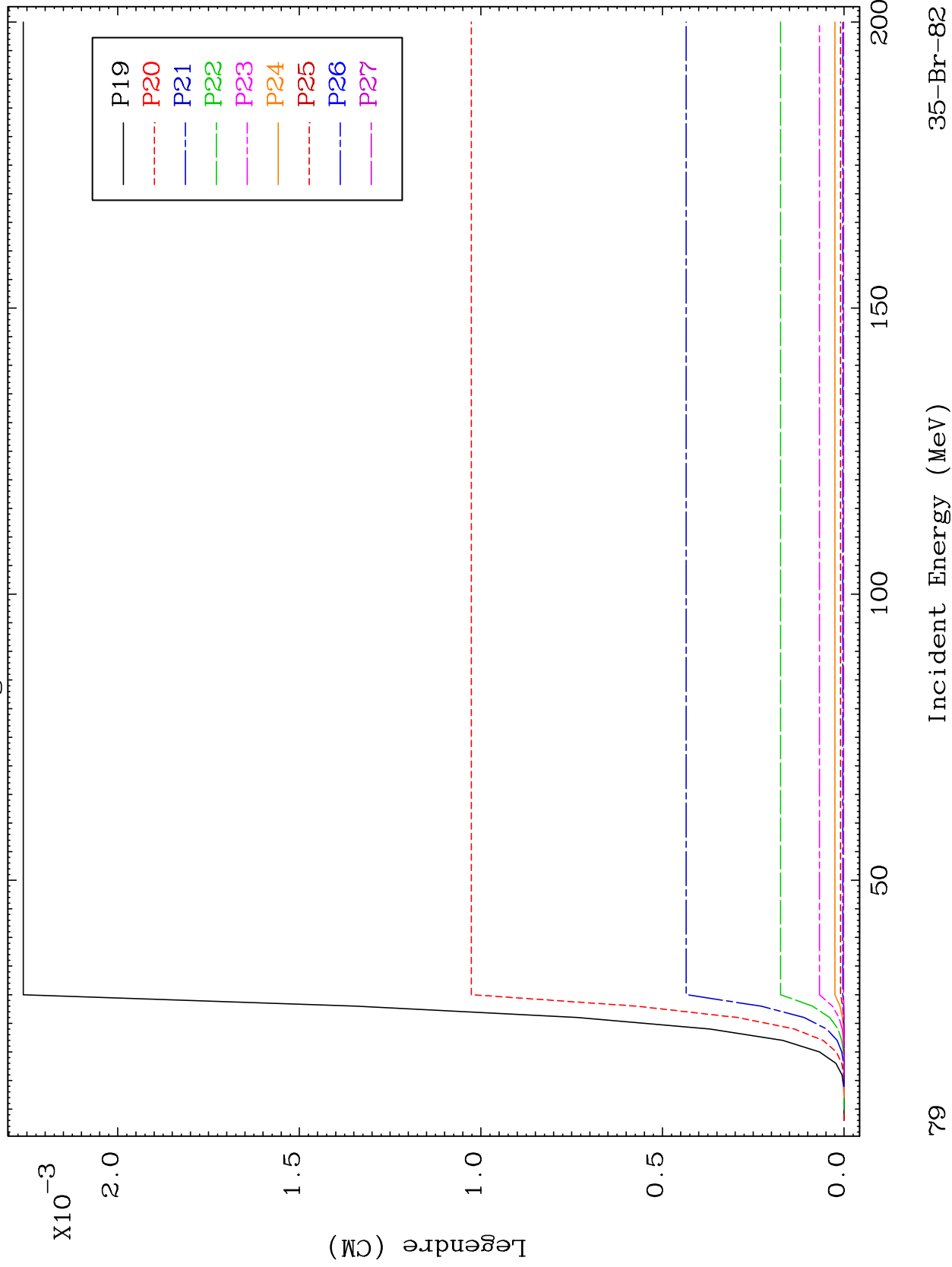
Incident Energy (MeV)

78

MAT 3534

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

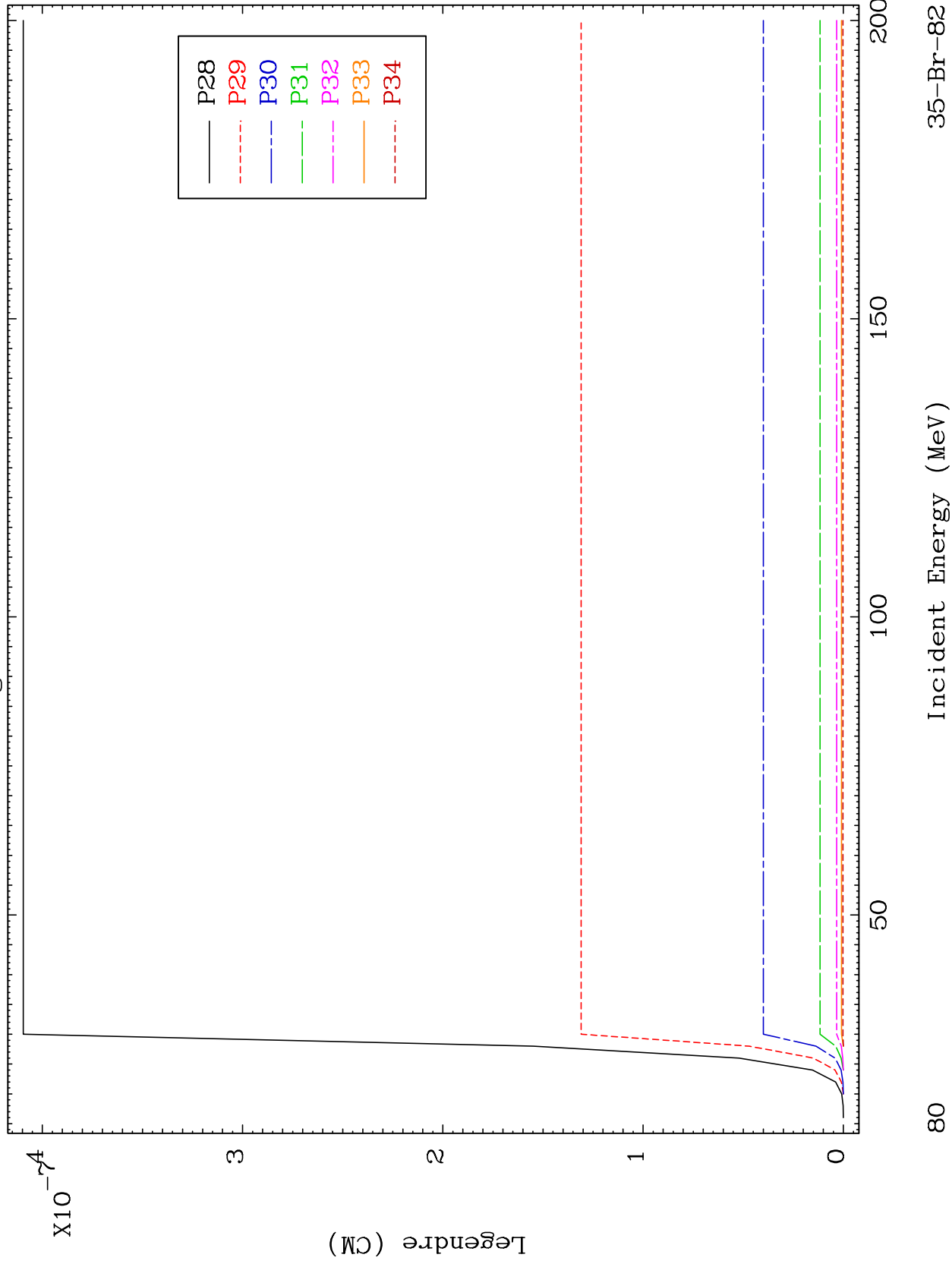
35-Br-82



MAT 3534

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

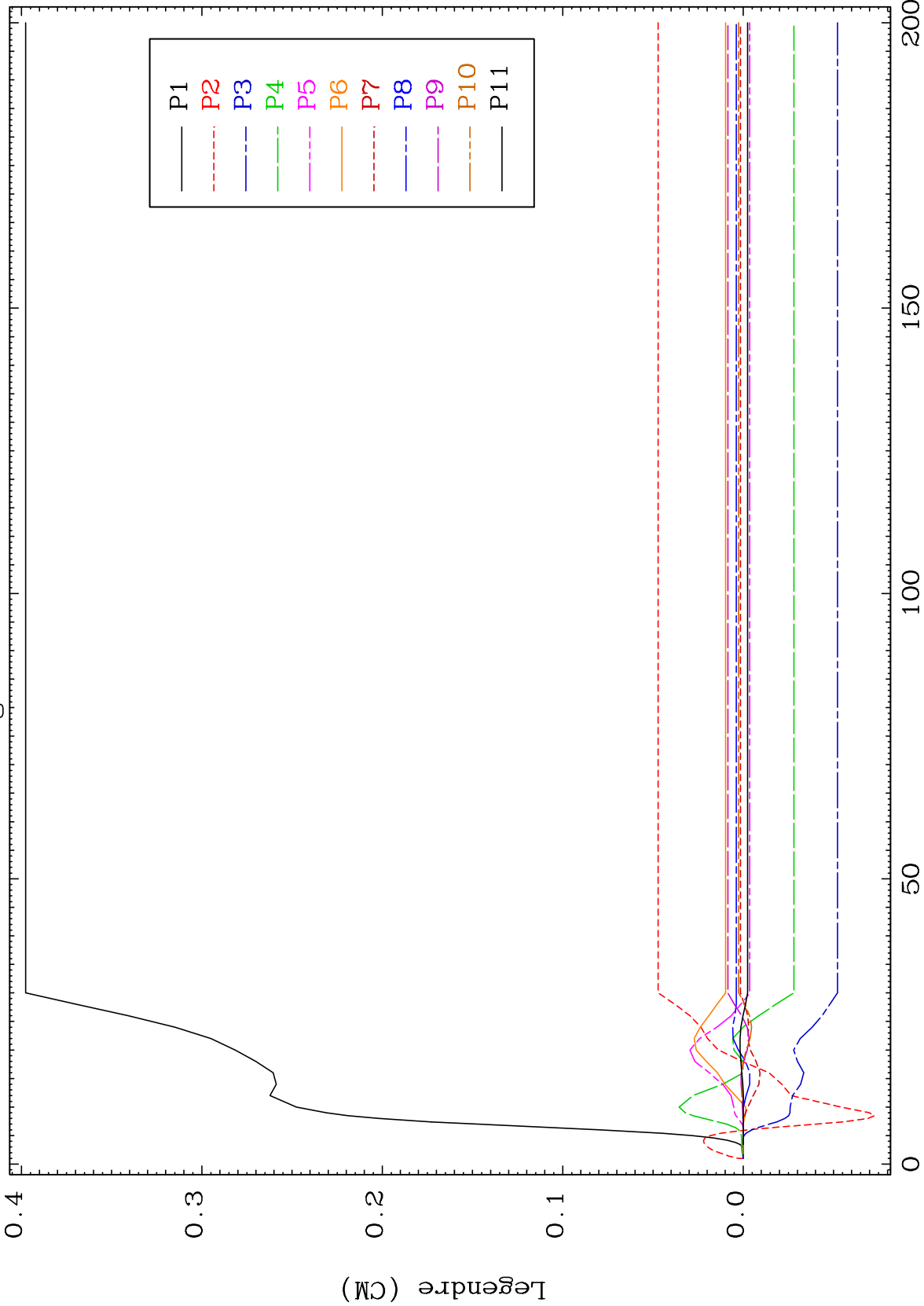
35-Br-82



MAT 3534

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

35-Br-82



81

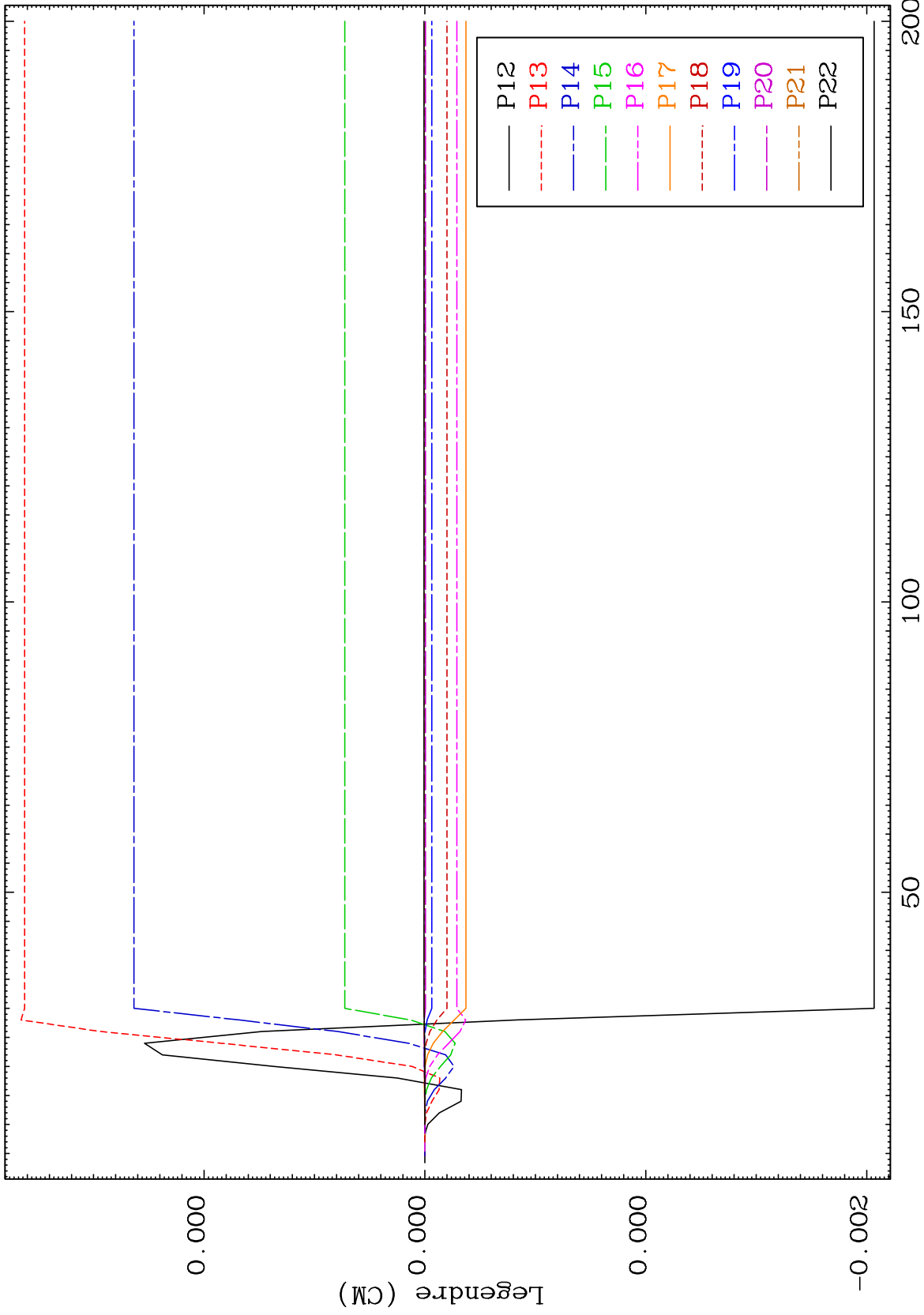
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



82

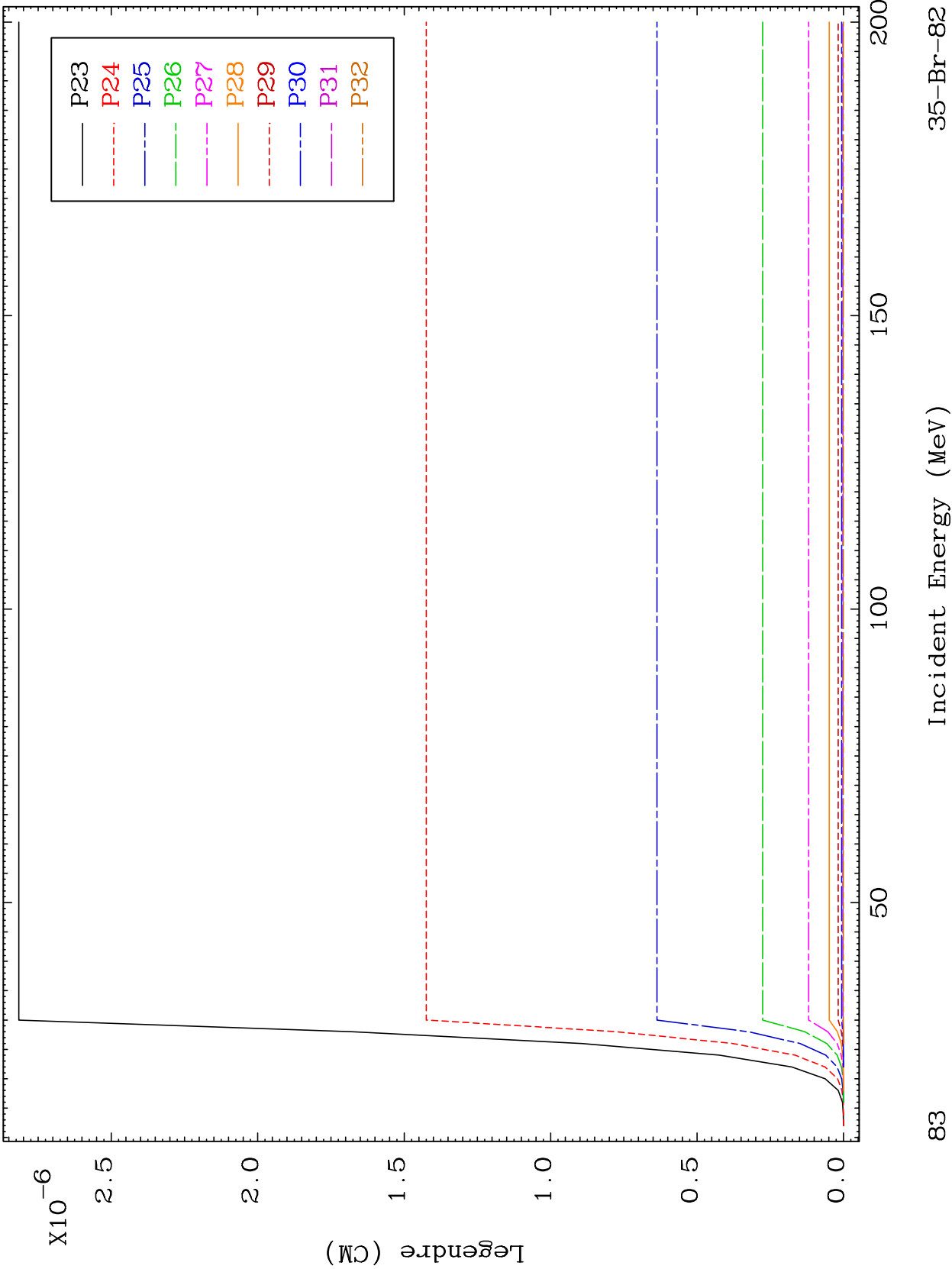
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



83

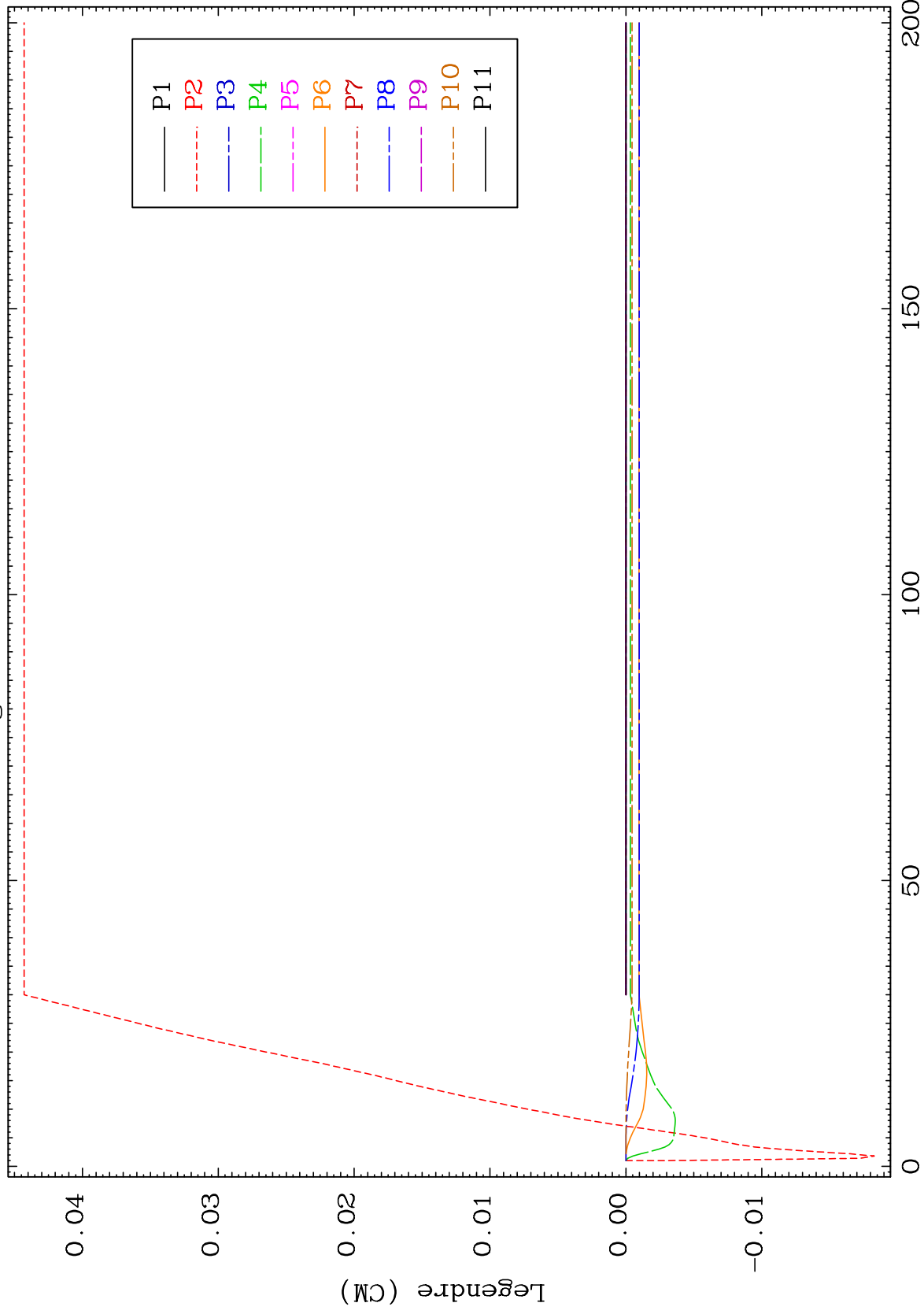
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



84

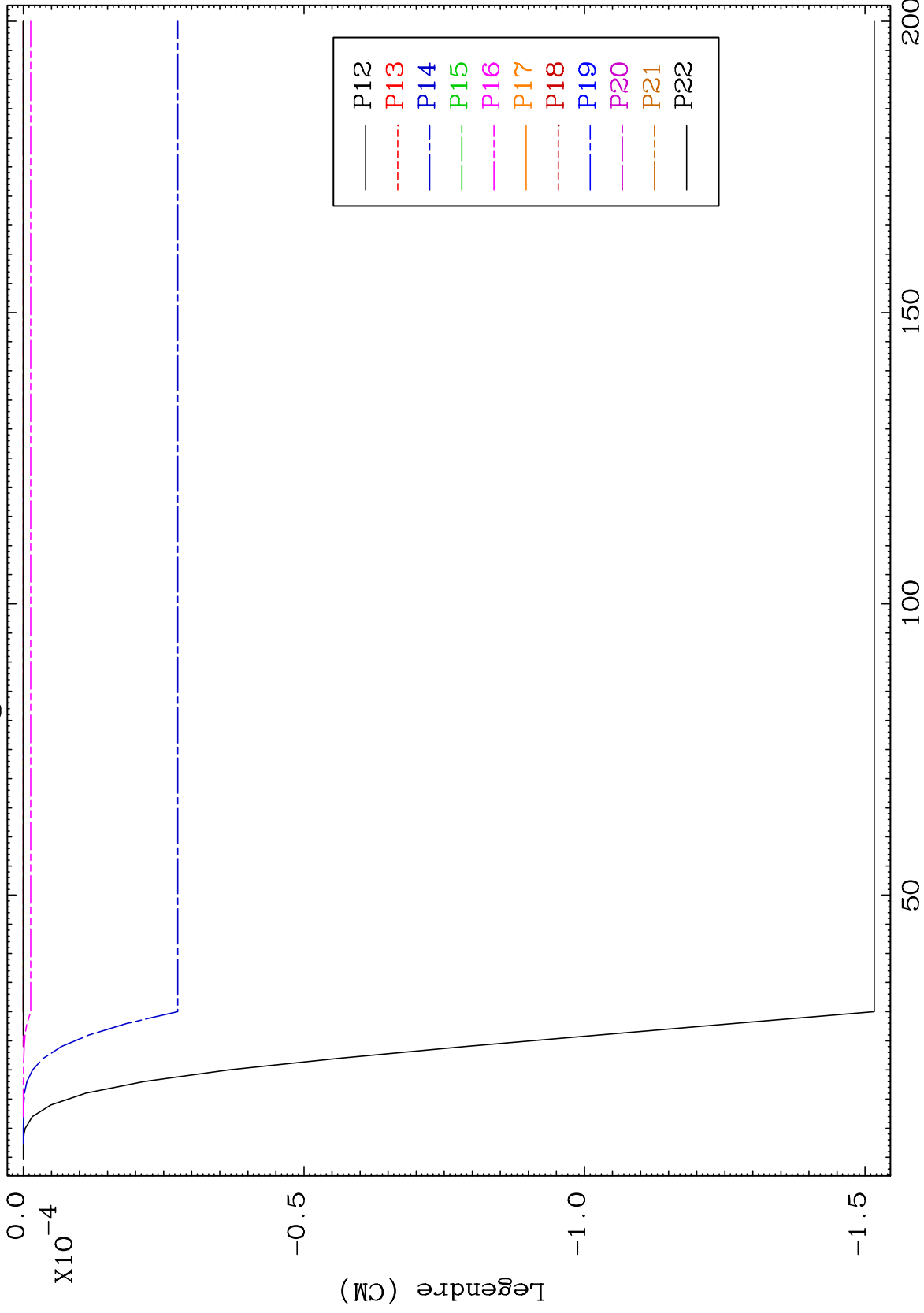
Incident Energy (MeV)

35-Br-82

MAT 3534

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

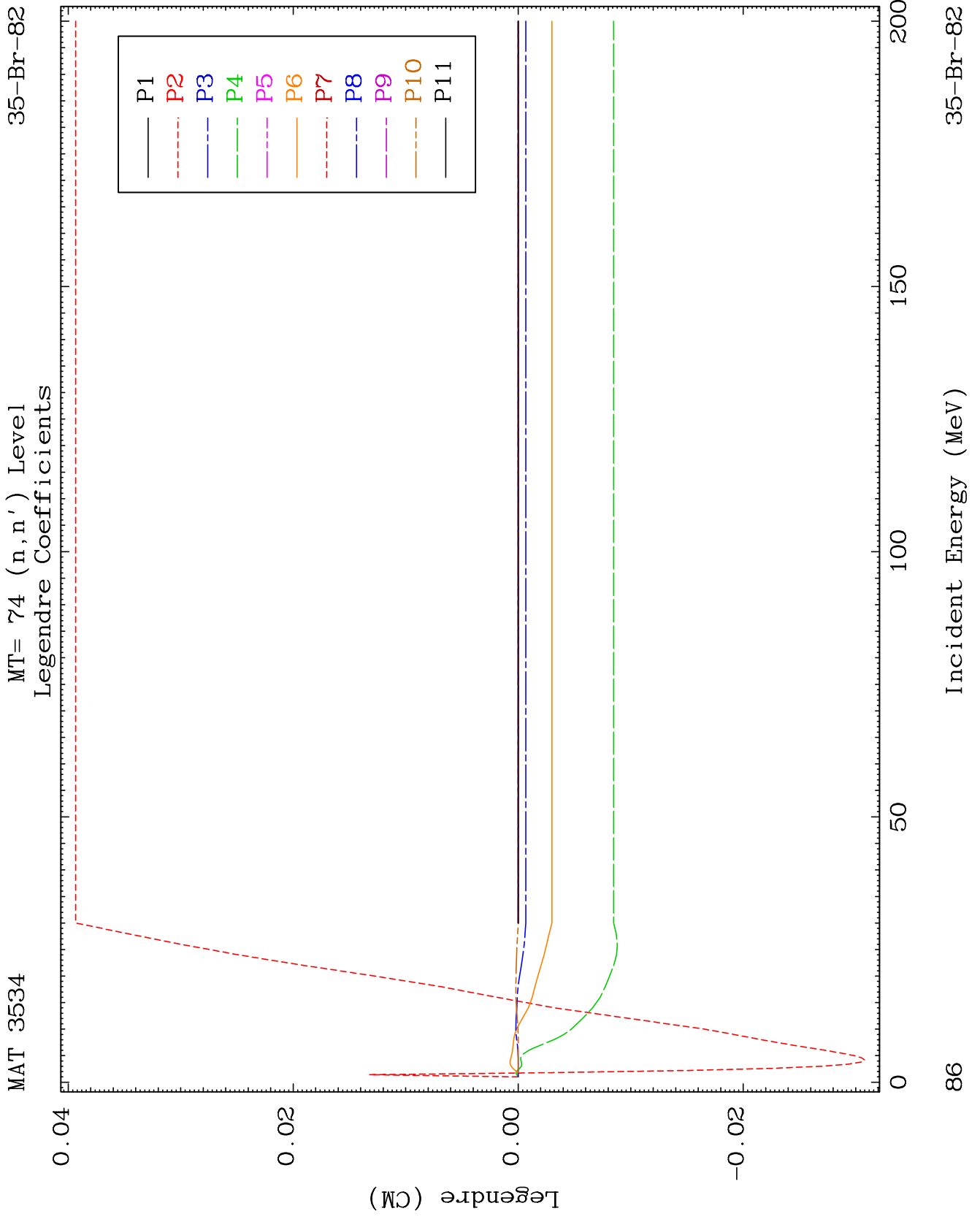
35-Br-82



85

Incident Energy (MeV)

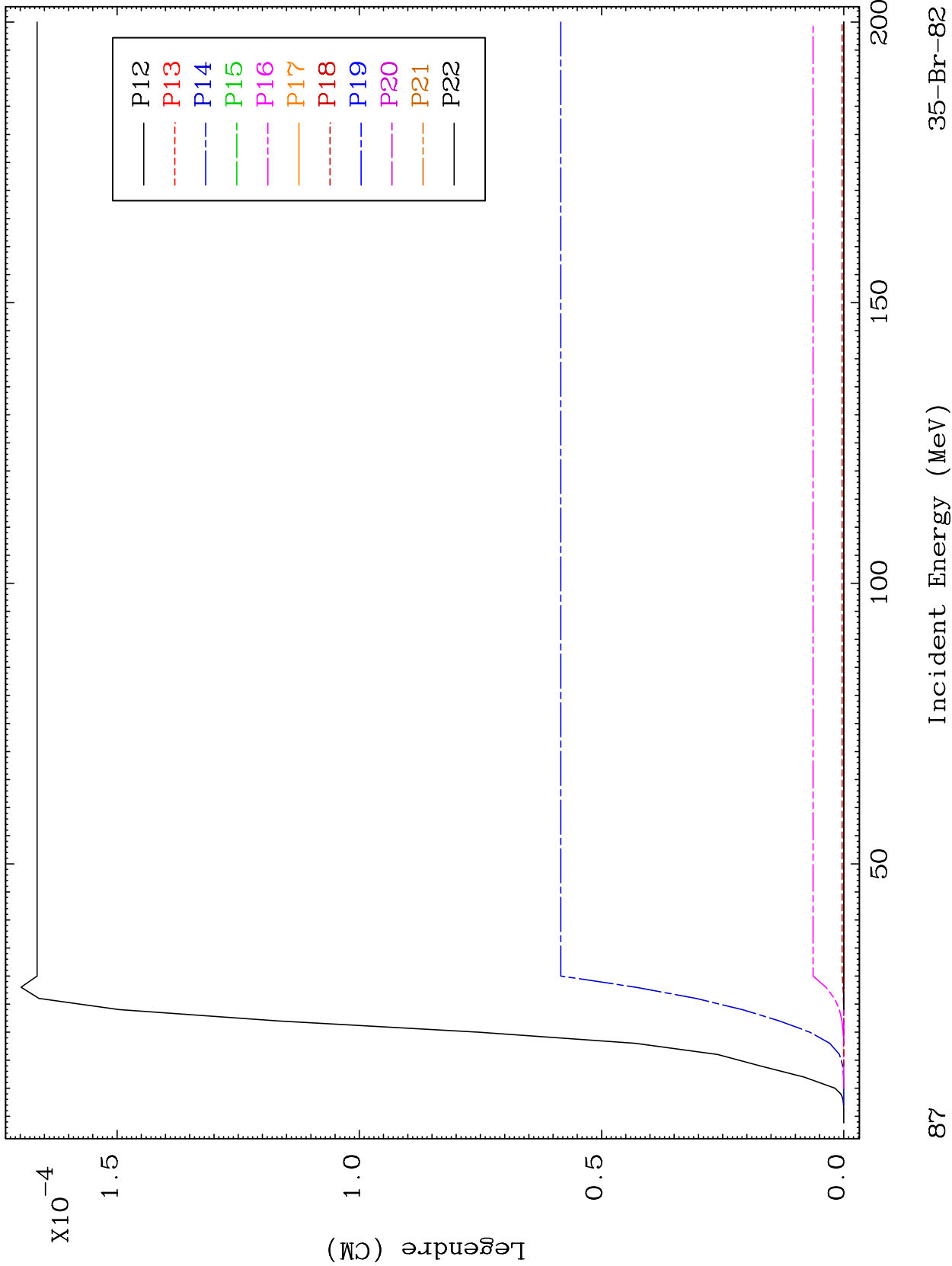
35-Br-82



35-Br-82

Incident Energy (MeV)

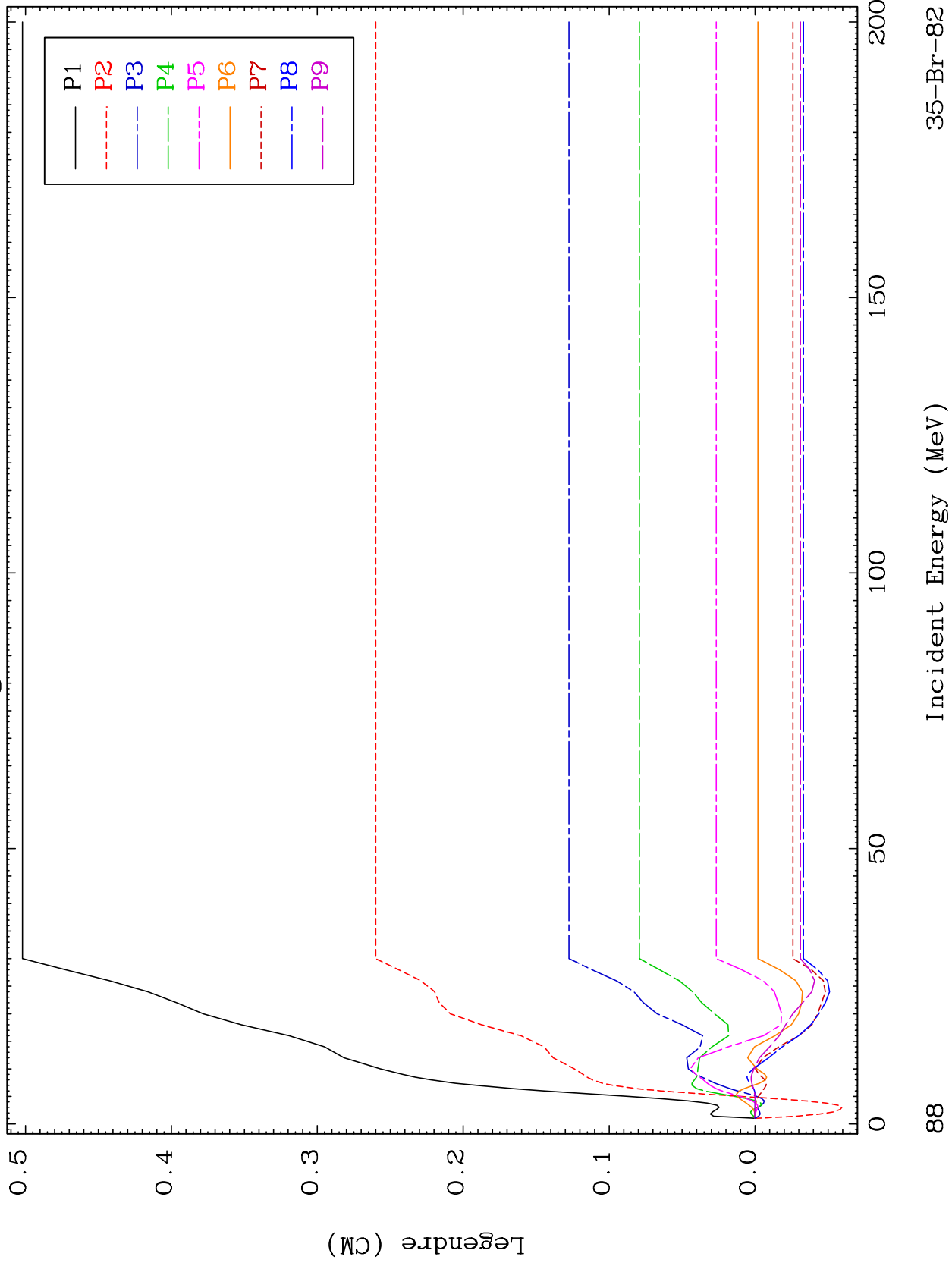
86

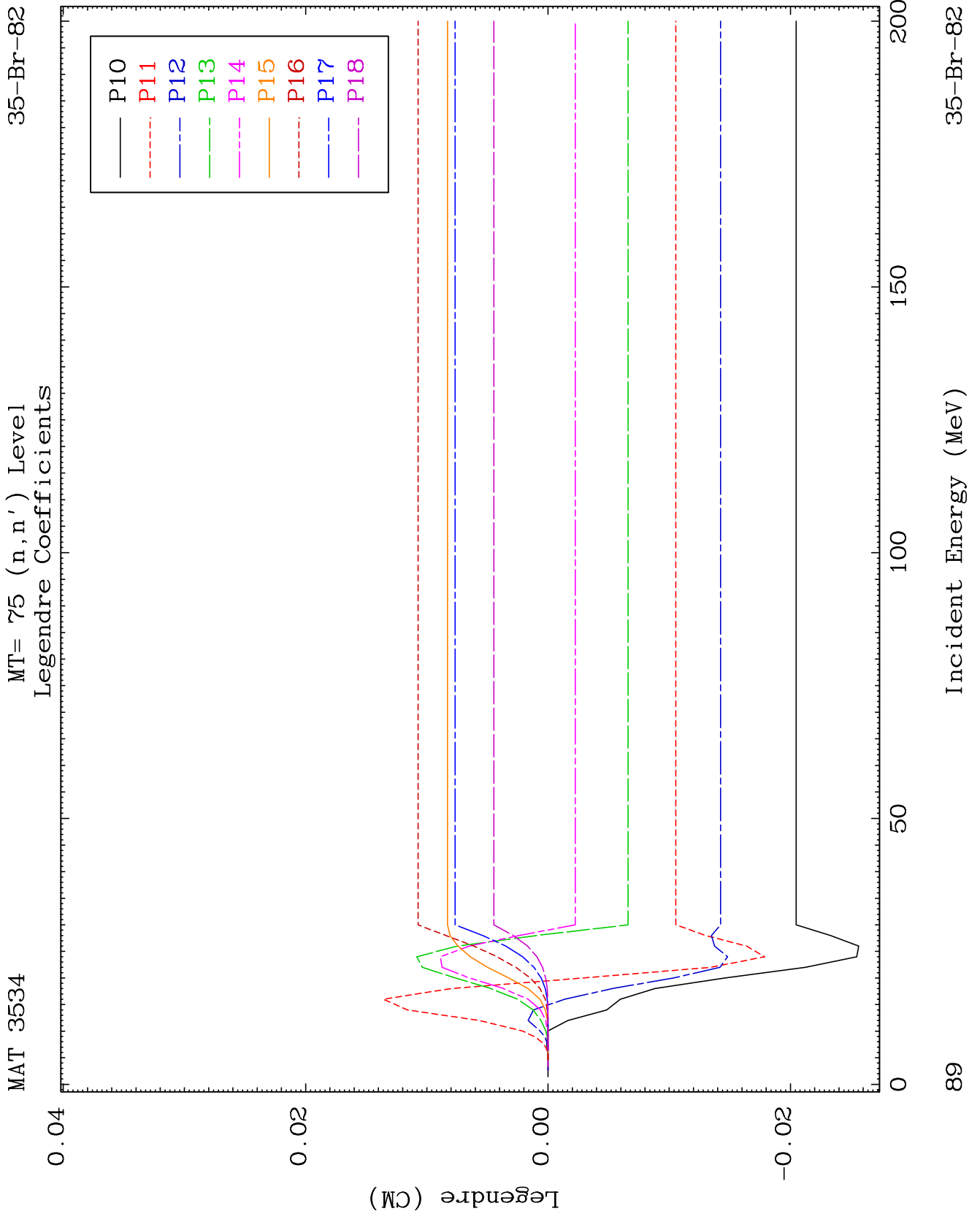


MAT 3534

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

35-Br-82

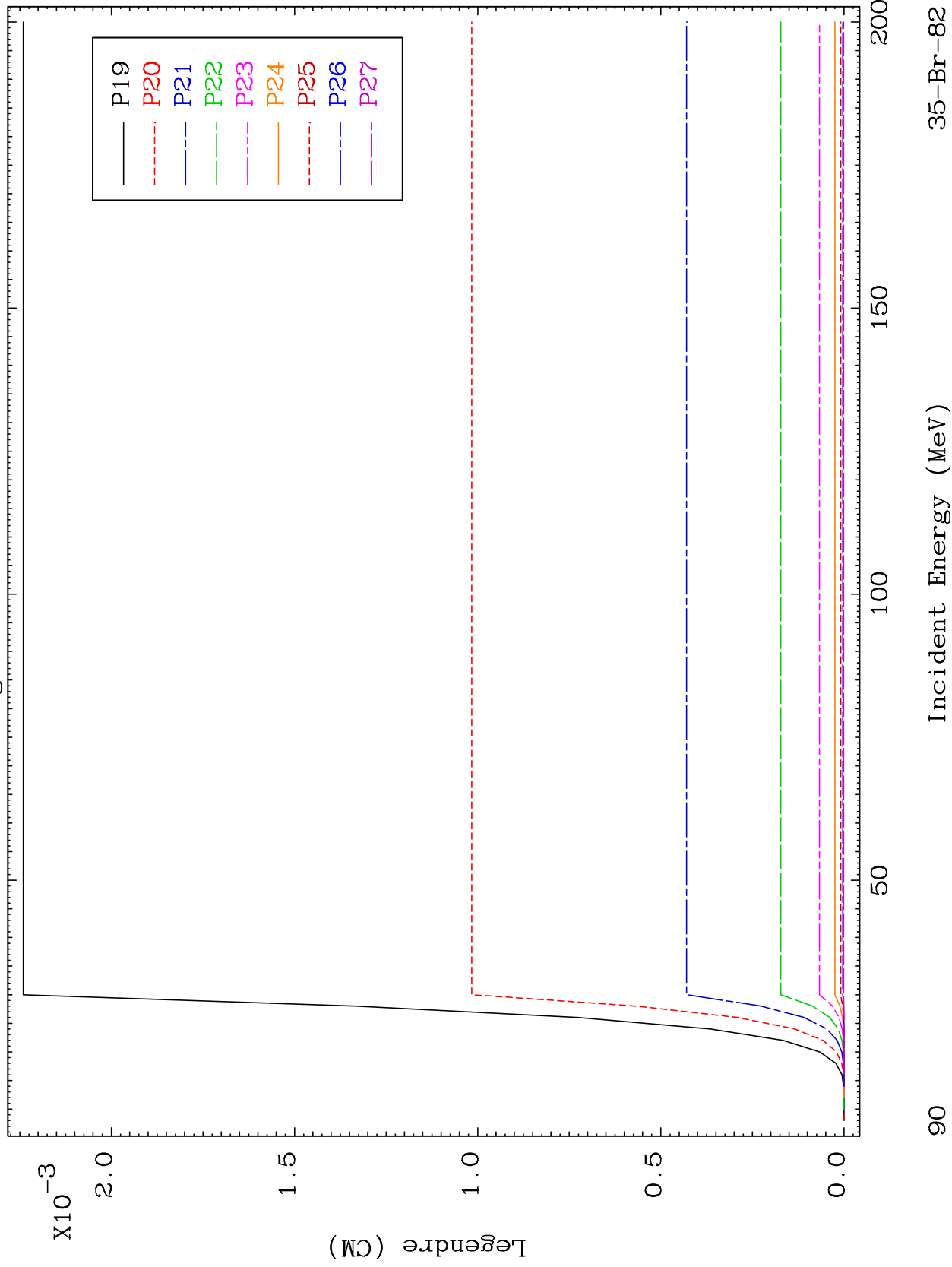




MAT 3534

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

35-Br-82



90

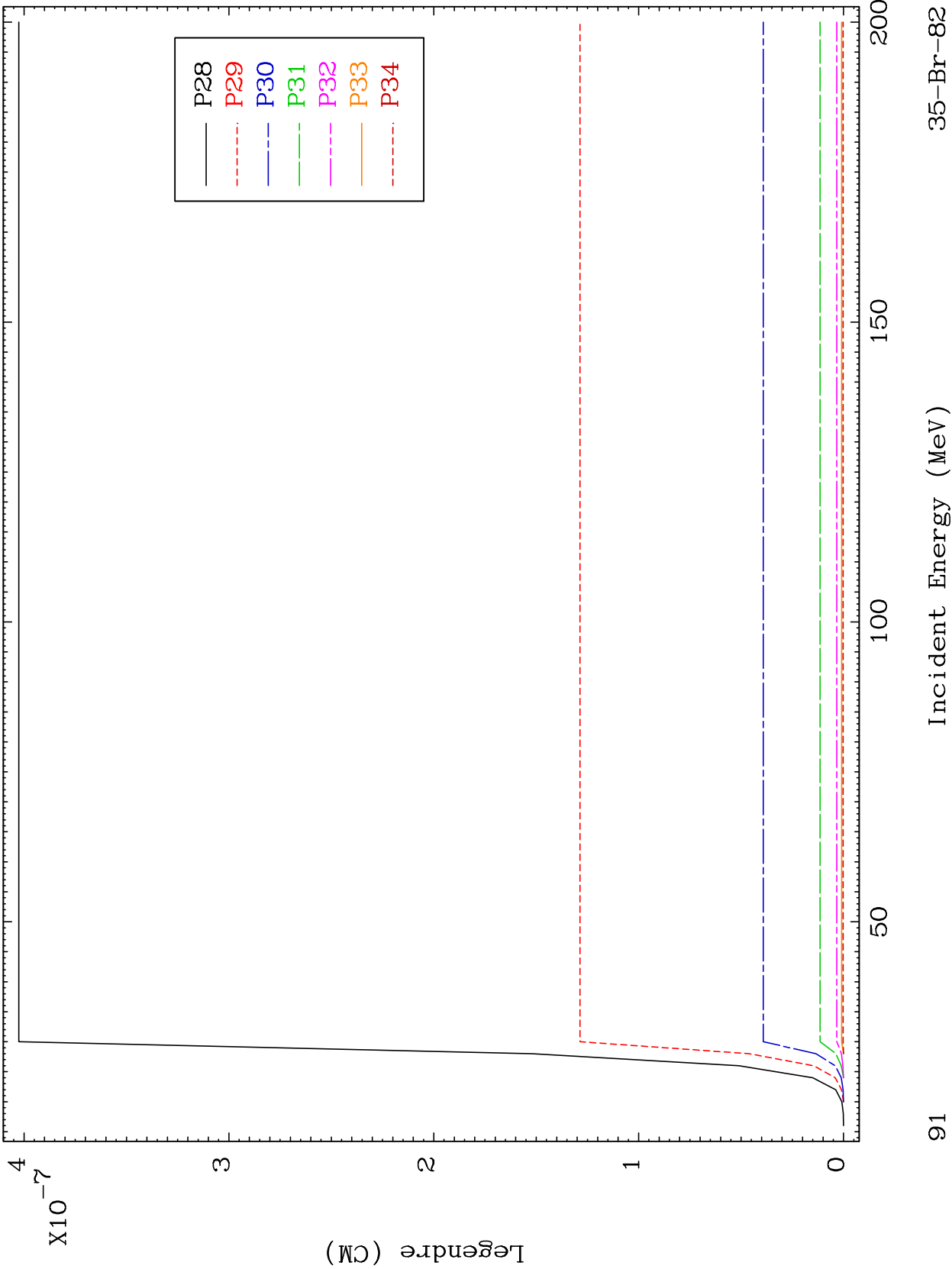
Incident Energy (MeV)

35-Br-82

MAT 3534

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

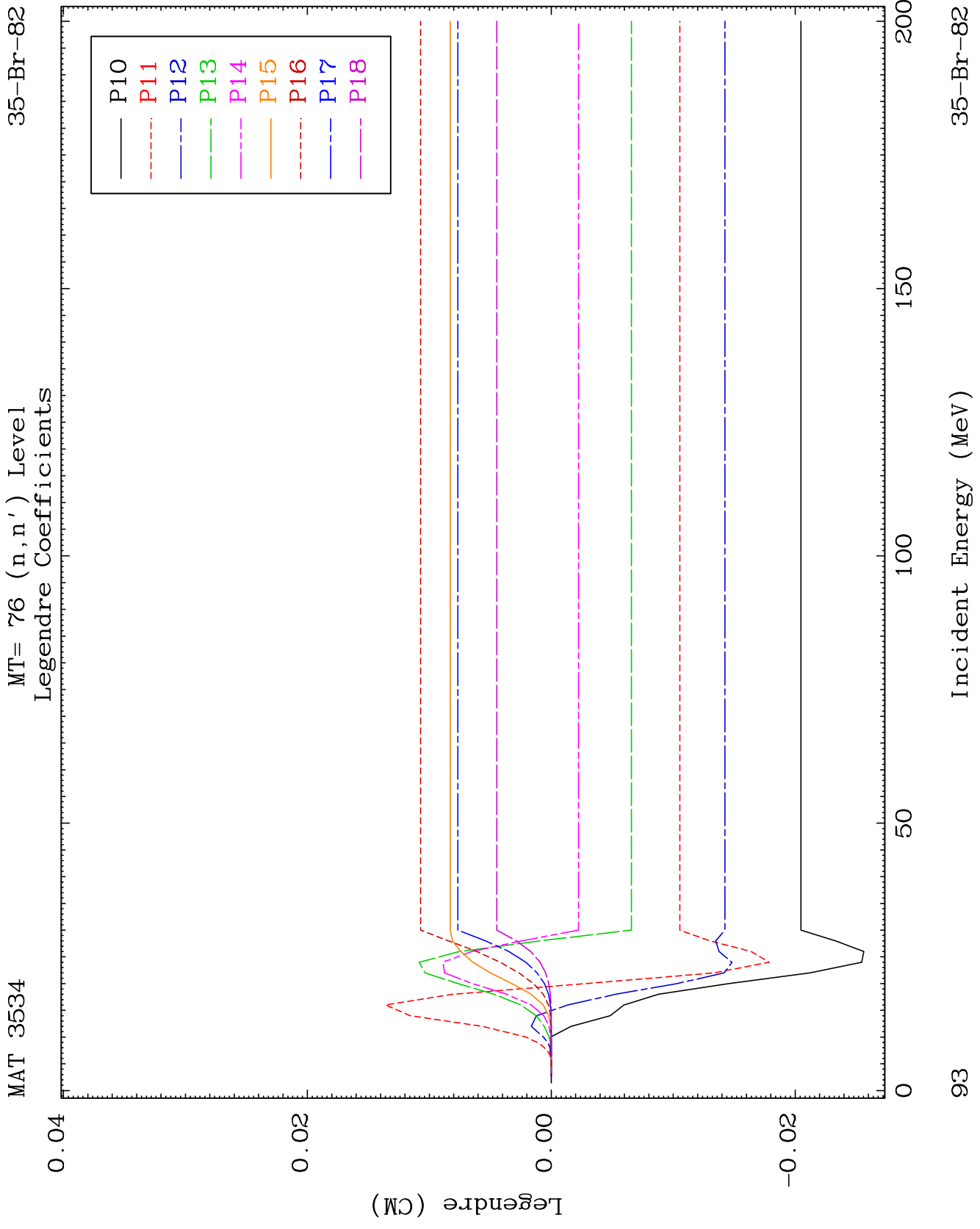
35-Br-82



91

Incident Energy (MeV)

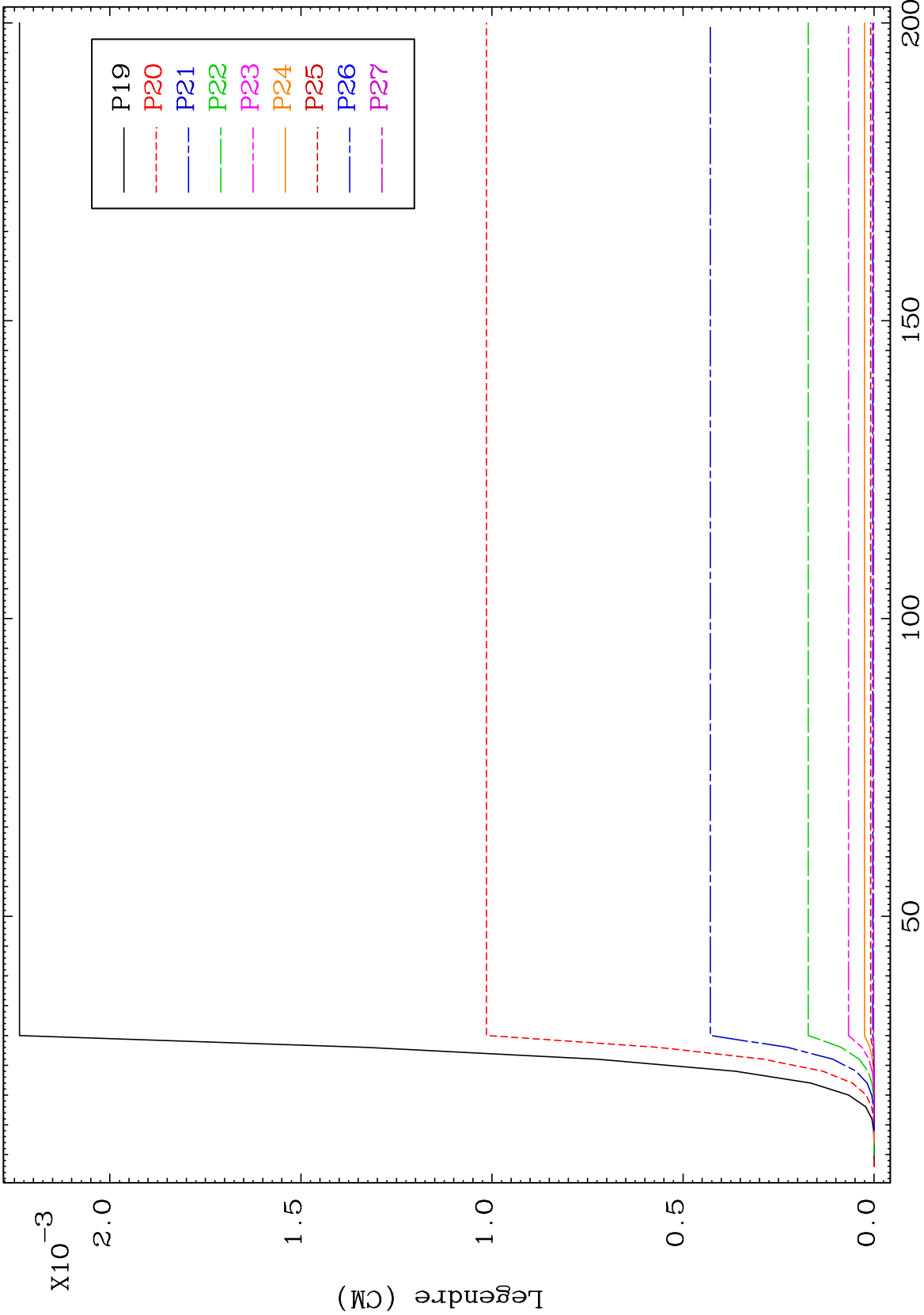
35-Br-82



MAT 3534

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

35-Br-82



94

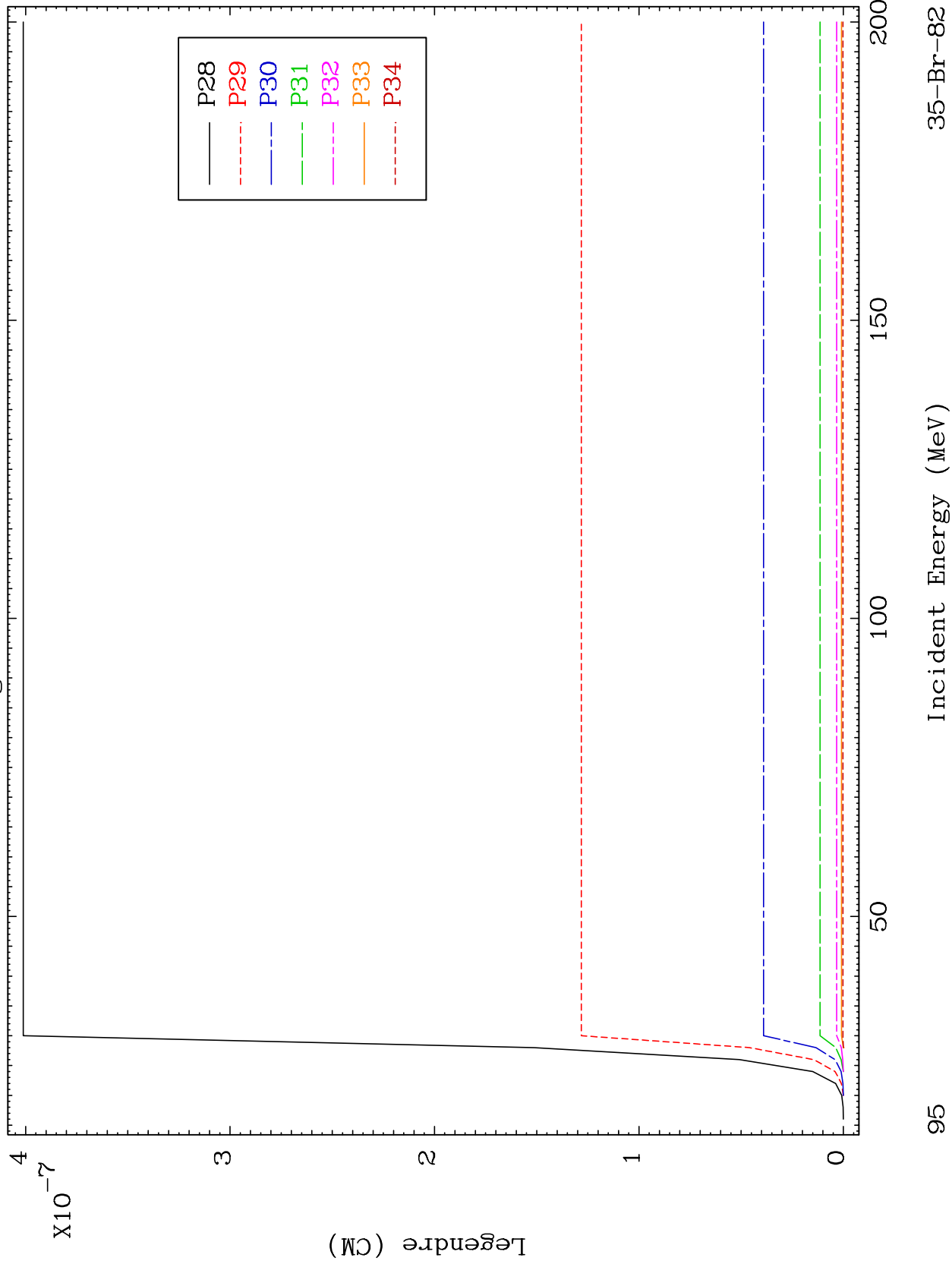
Incident Energy (MeV)

35-Br-82

MAT 3534

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

35-Br-82



95

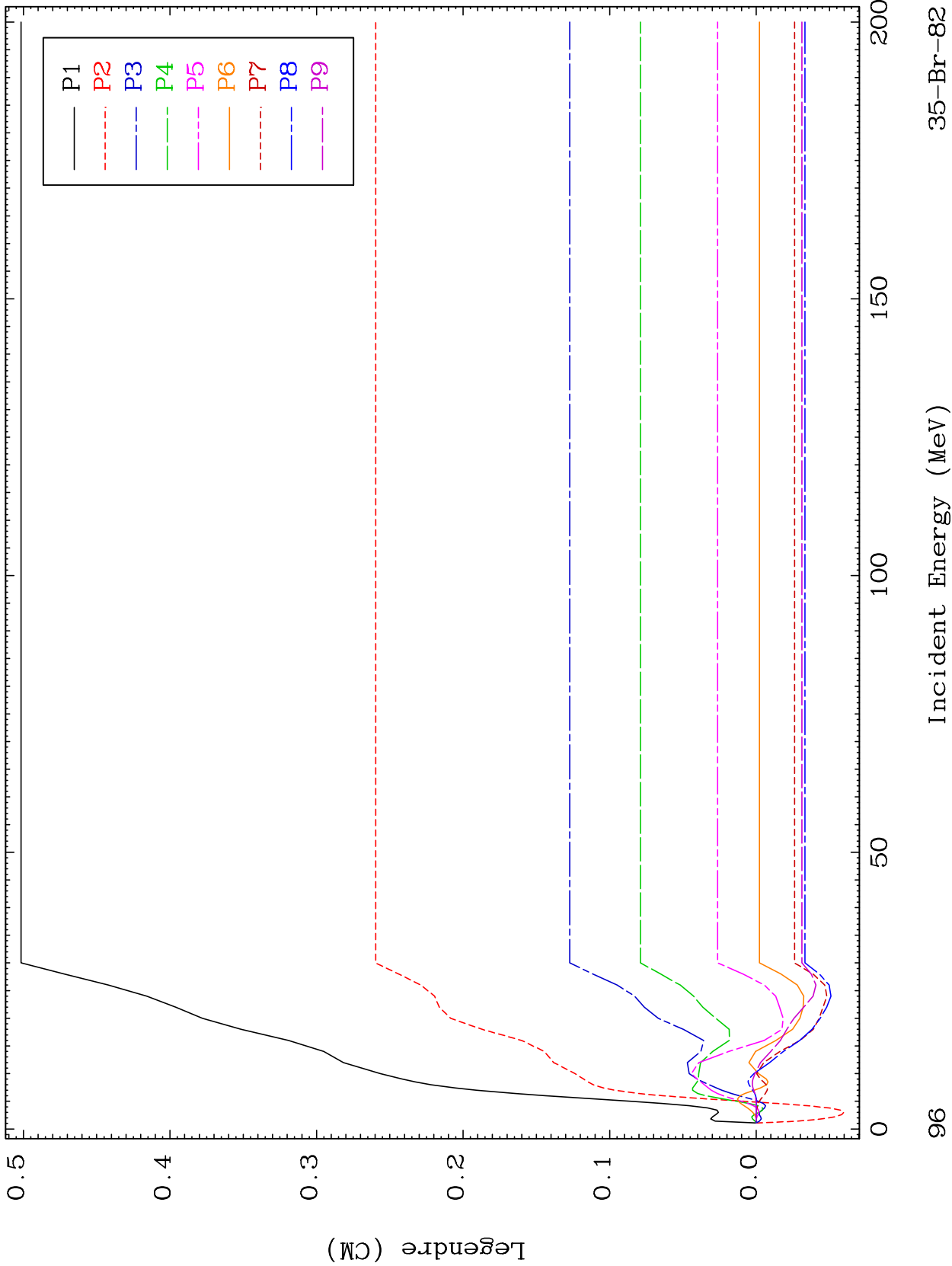
Incident Energy (MeV)

35-Br-82

MAT 3534

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

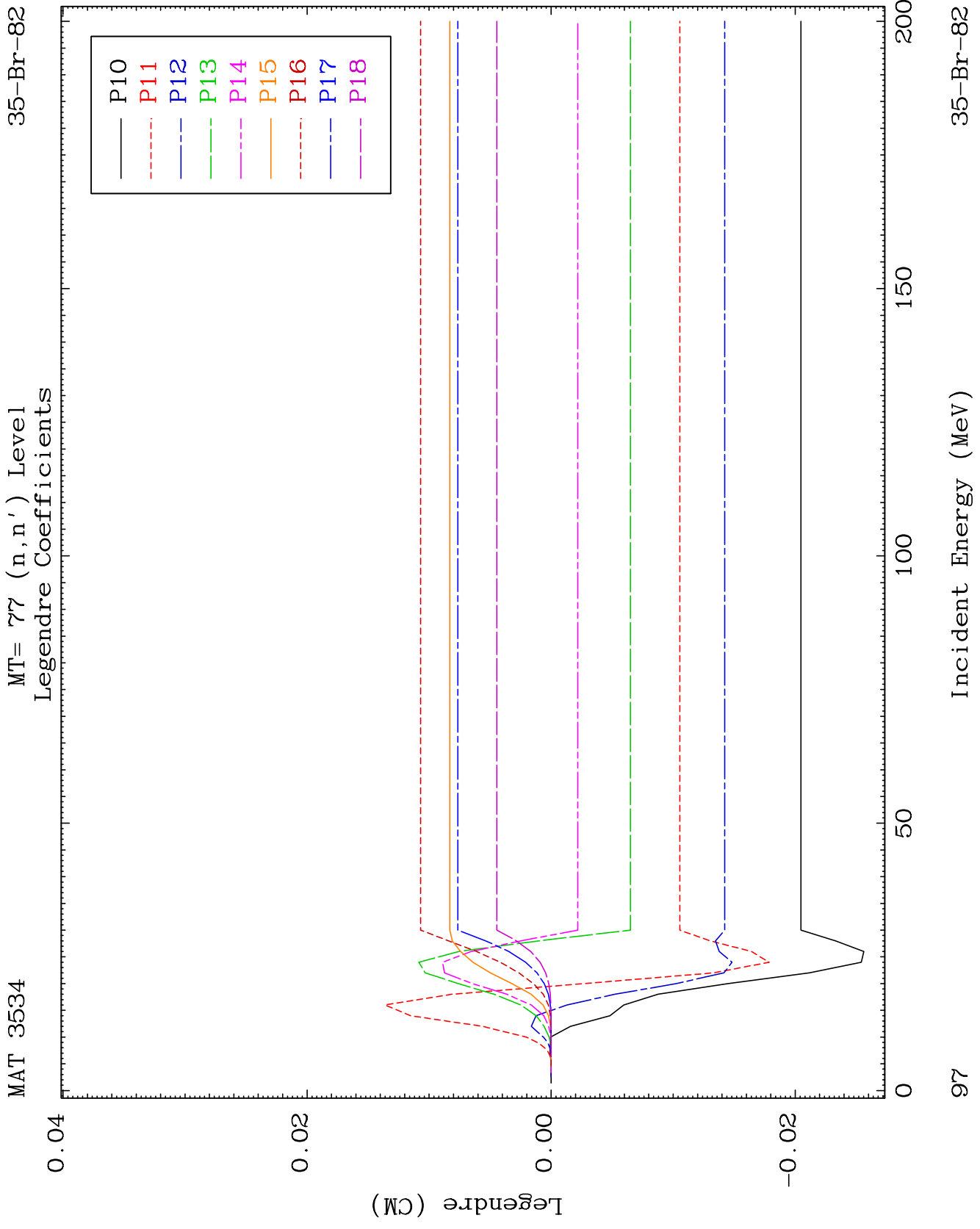
35-Br-82



35-Br-82

Incident Energy (MeV)

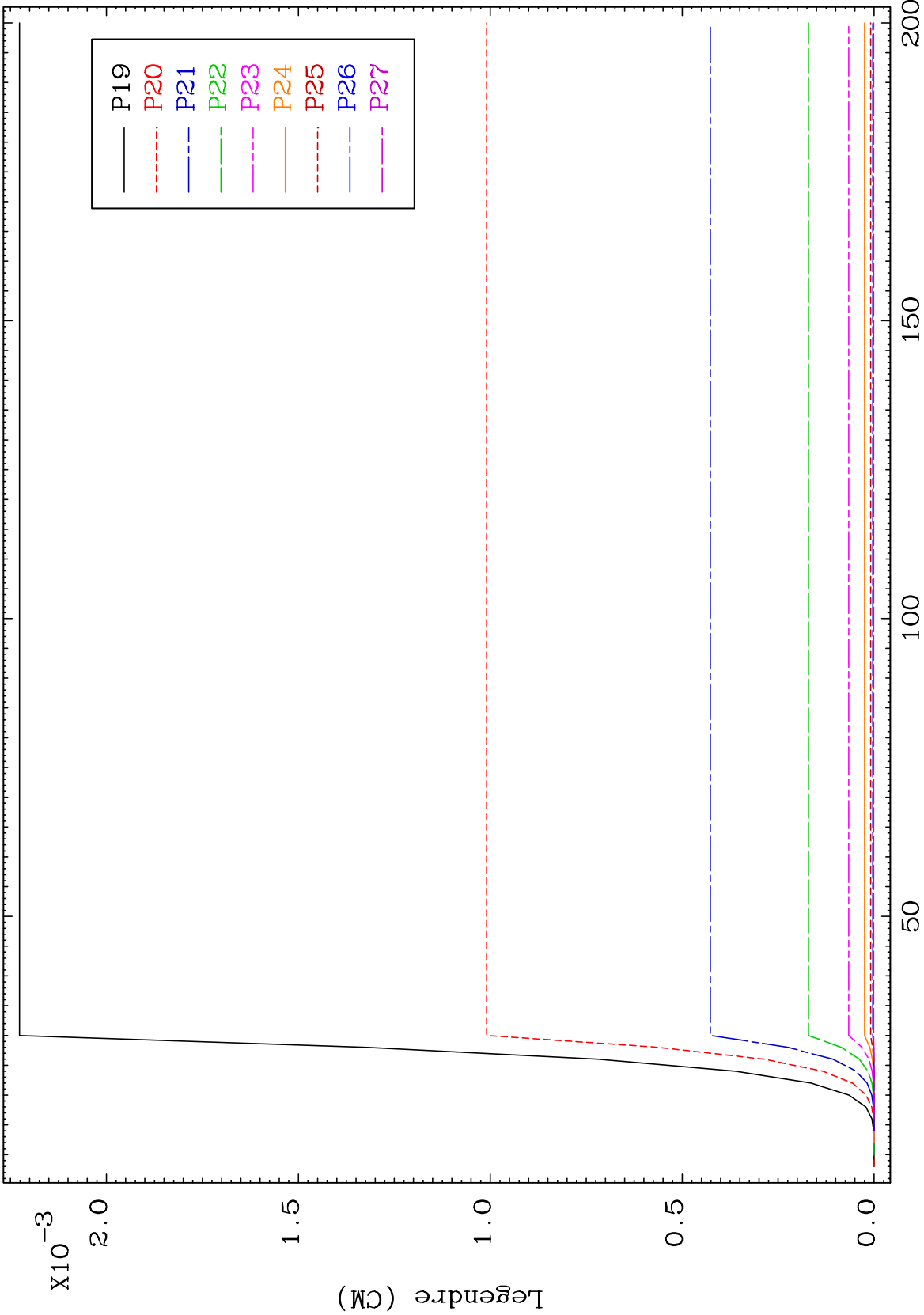
96



MAT 3534

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

35-Br-82



98

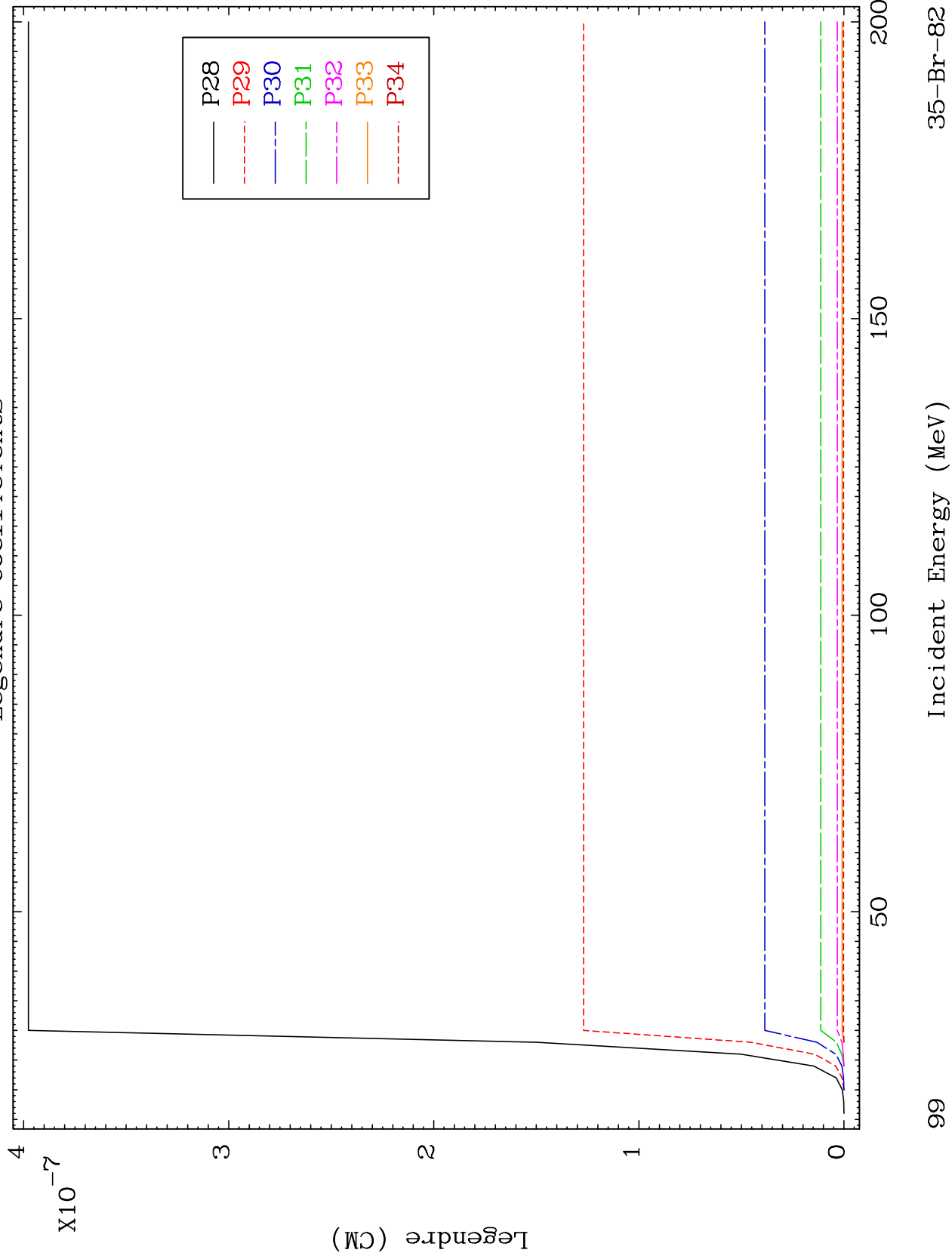
Incident Energy (MeV)

35-Br-82

MAT 3534

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

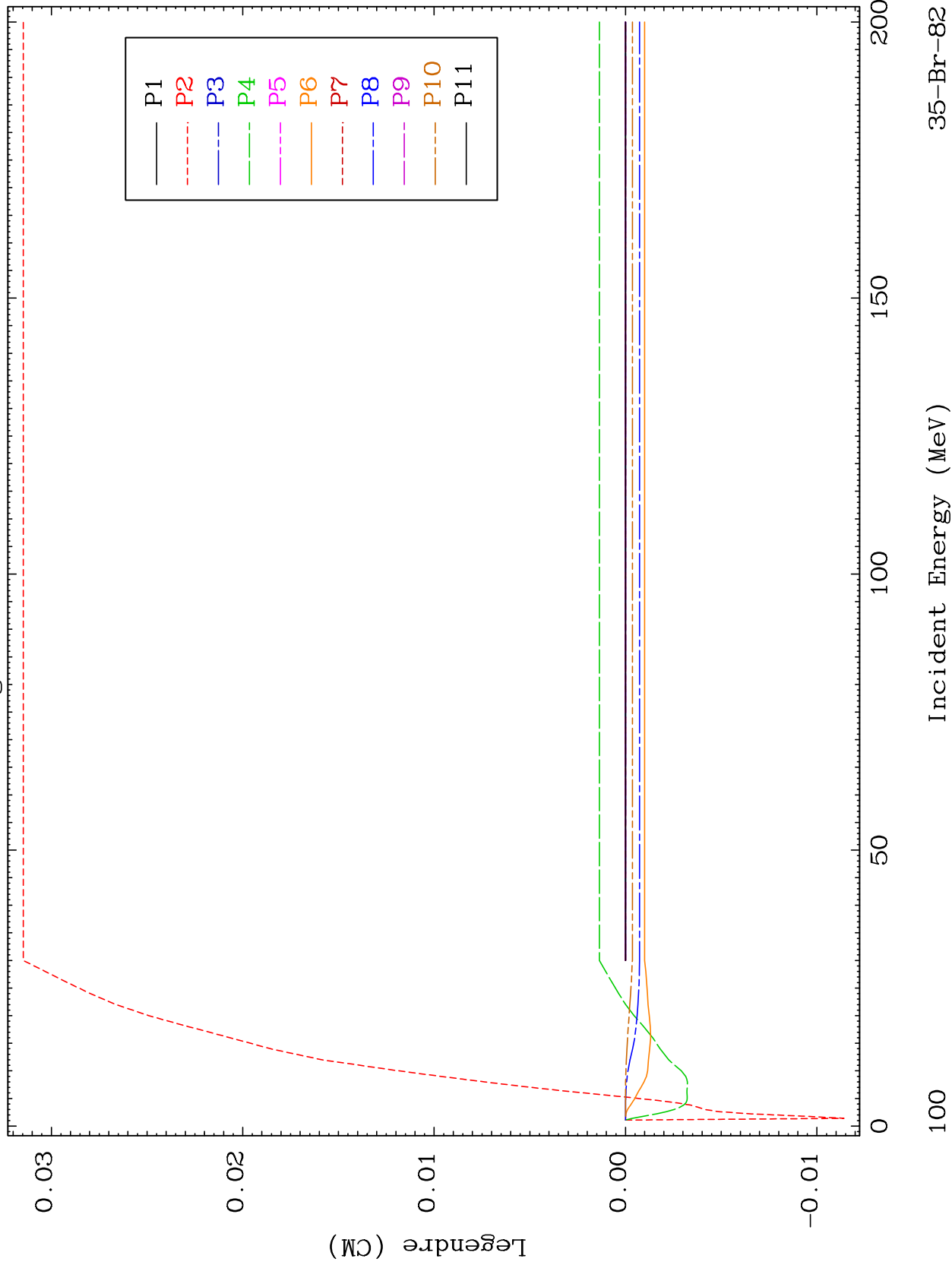
35-Br-82



MAT 3534

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

35-Br-82

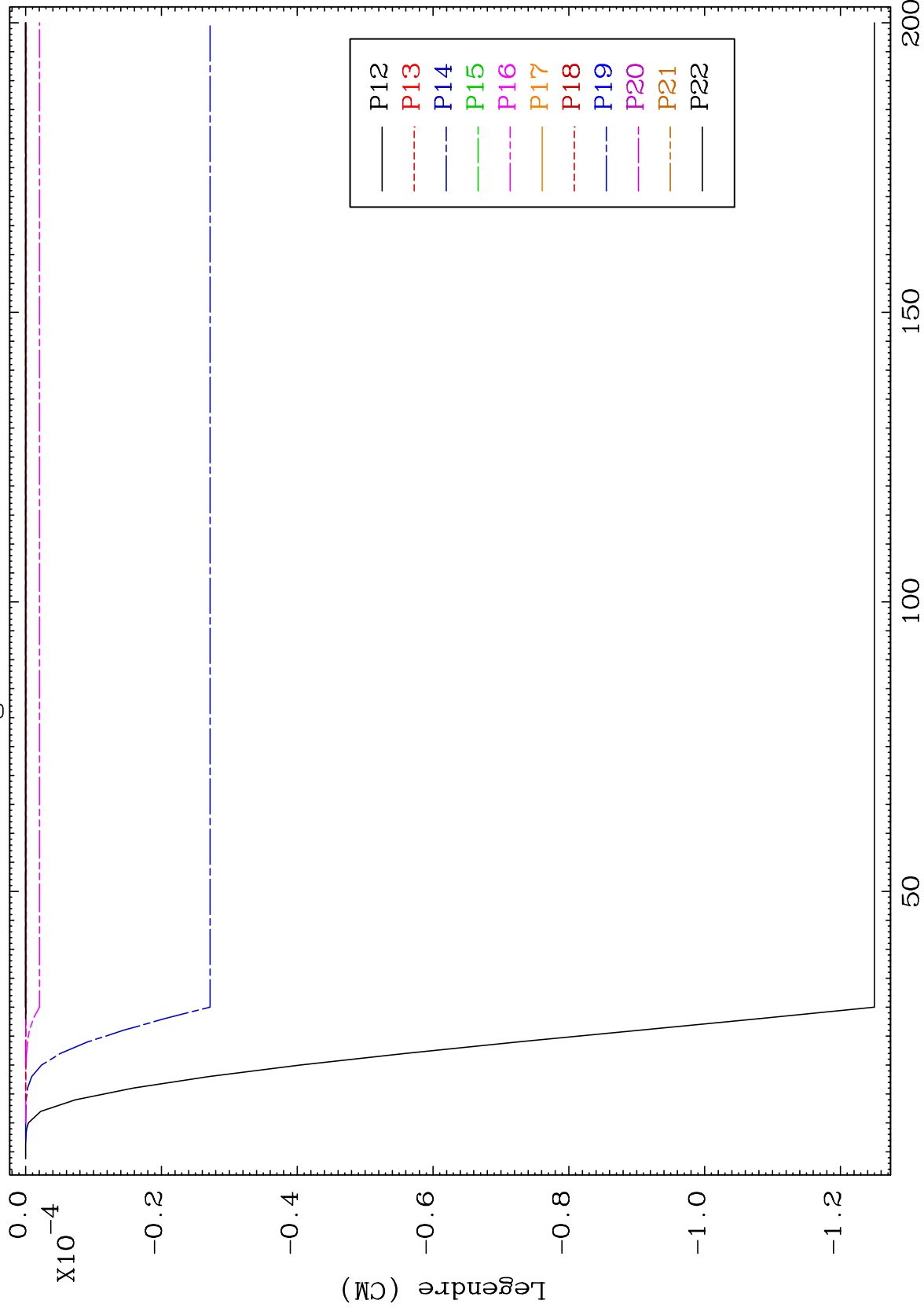


35-Br-82

MAT 3534

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

35-Br-82



101

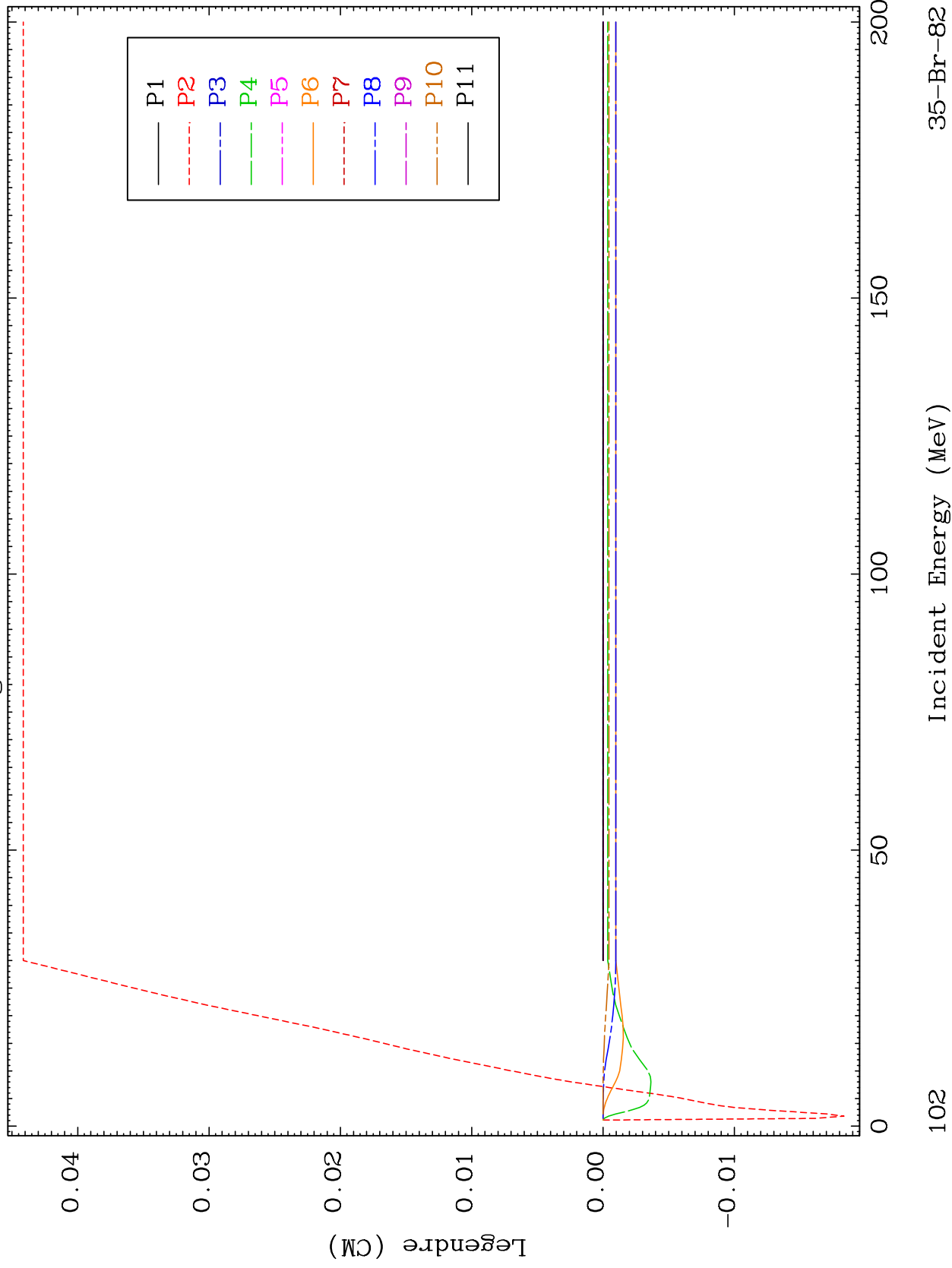
Incident Energy (MeV)

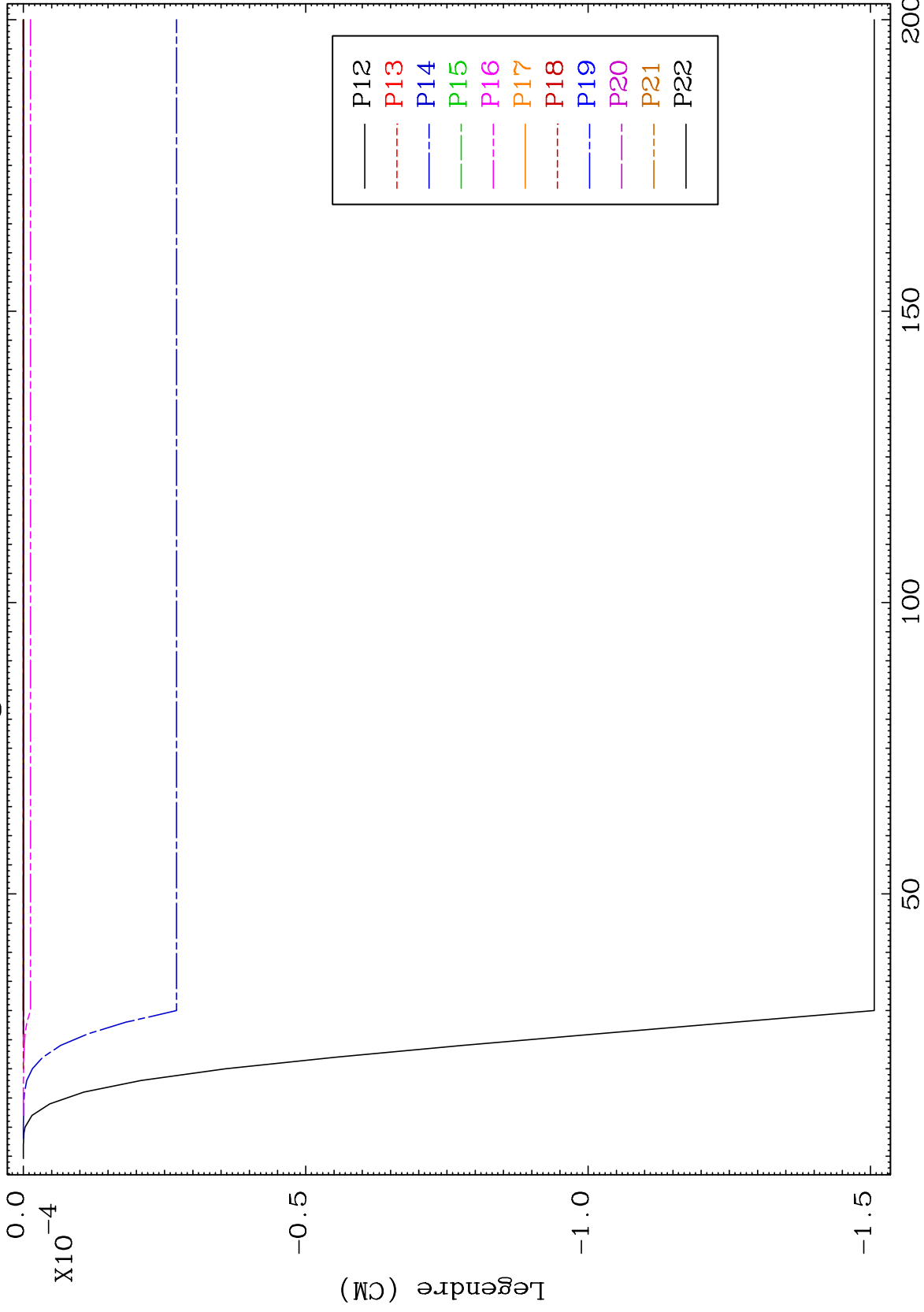
35-Br-82

MAT 3534

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

35-Br-82

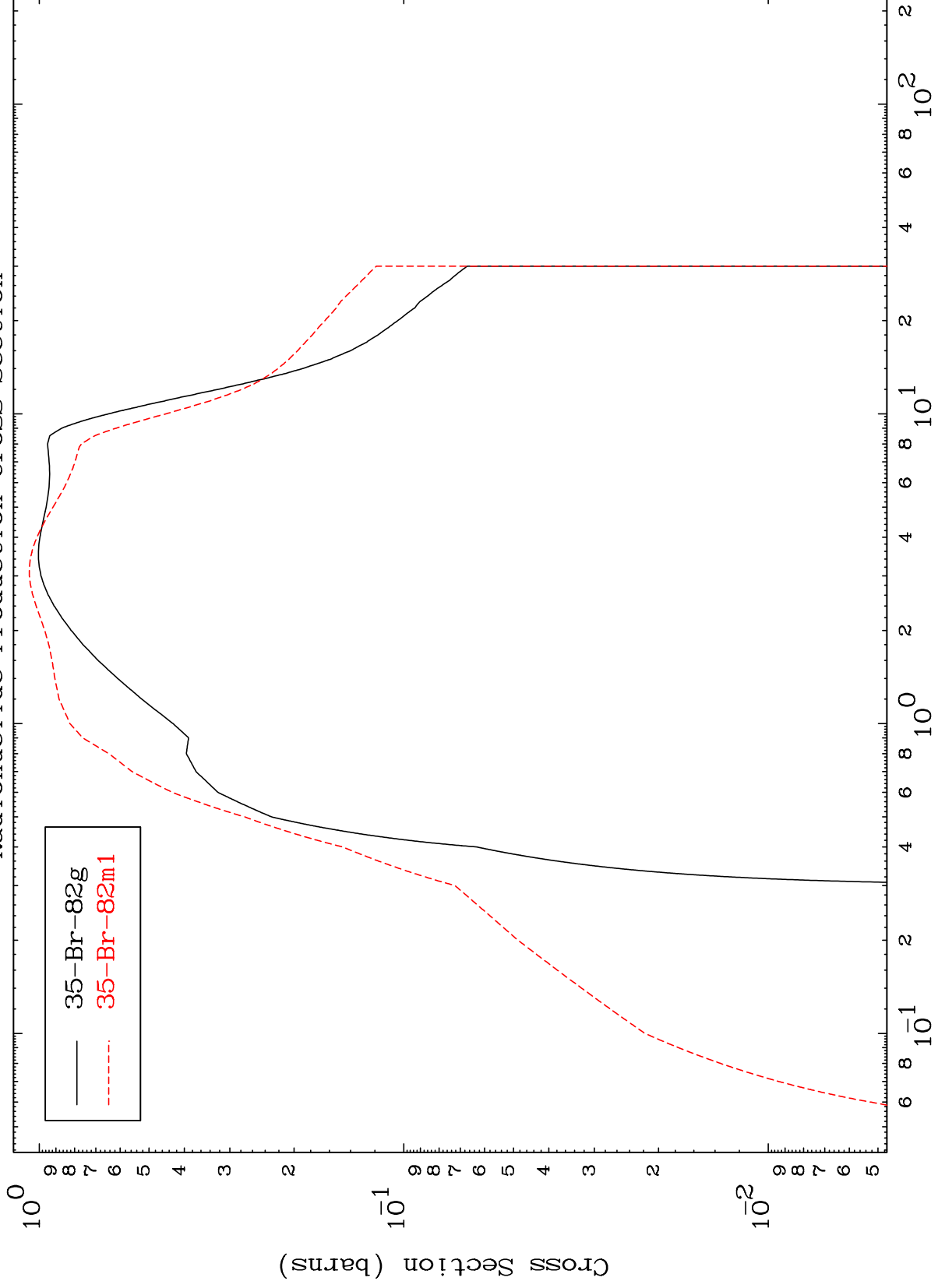




MAT 3534

35-Br-82

Inelastic
Radionuclide Production Cross Section



— 35-Br-82g
- - - 35-Br-82m1

104

Incident Energy (MeV)

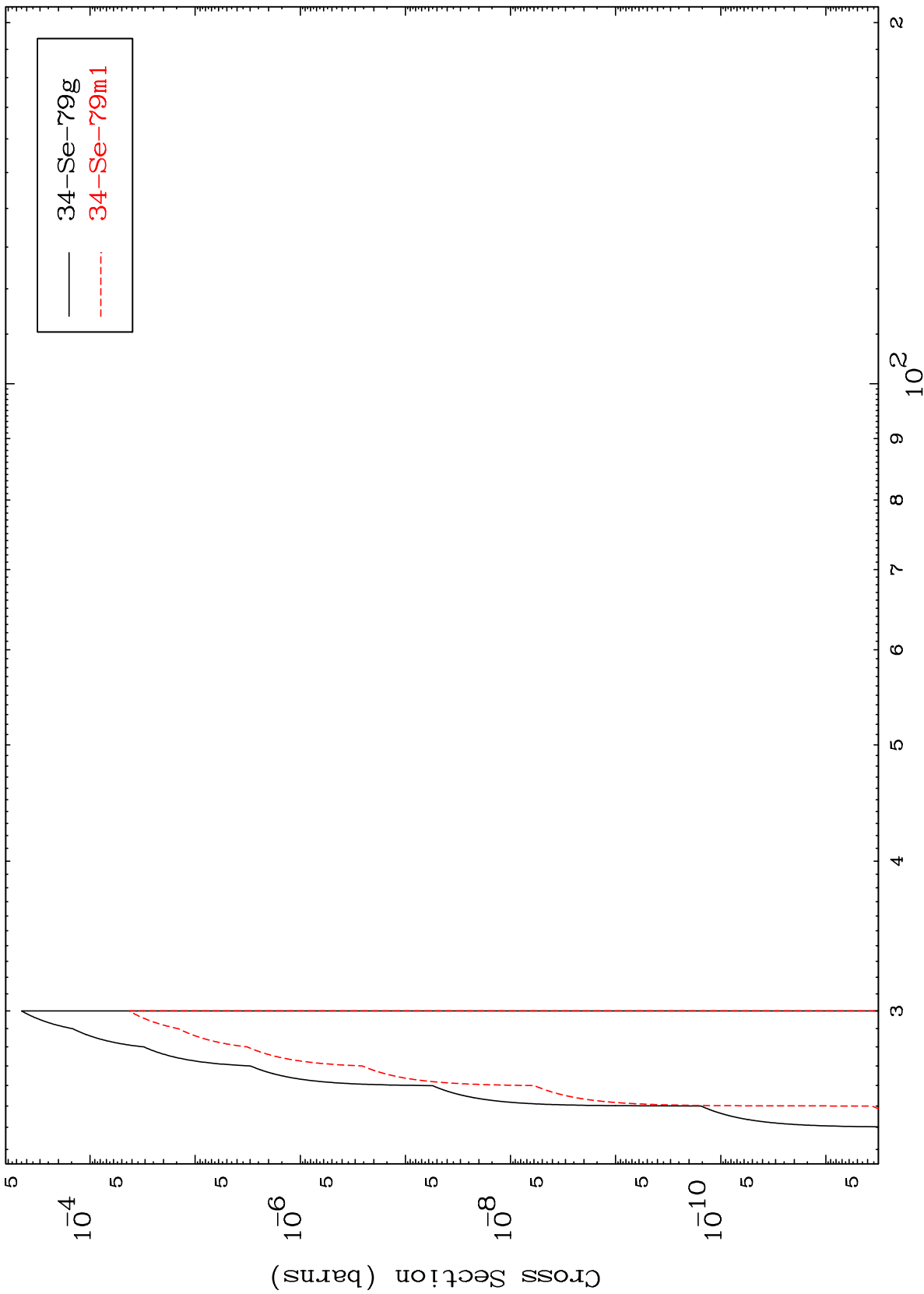
35-Br-82

MAT 3534

(n,2n) d

35-Br-82

Radionuclide Production Cross Section

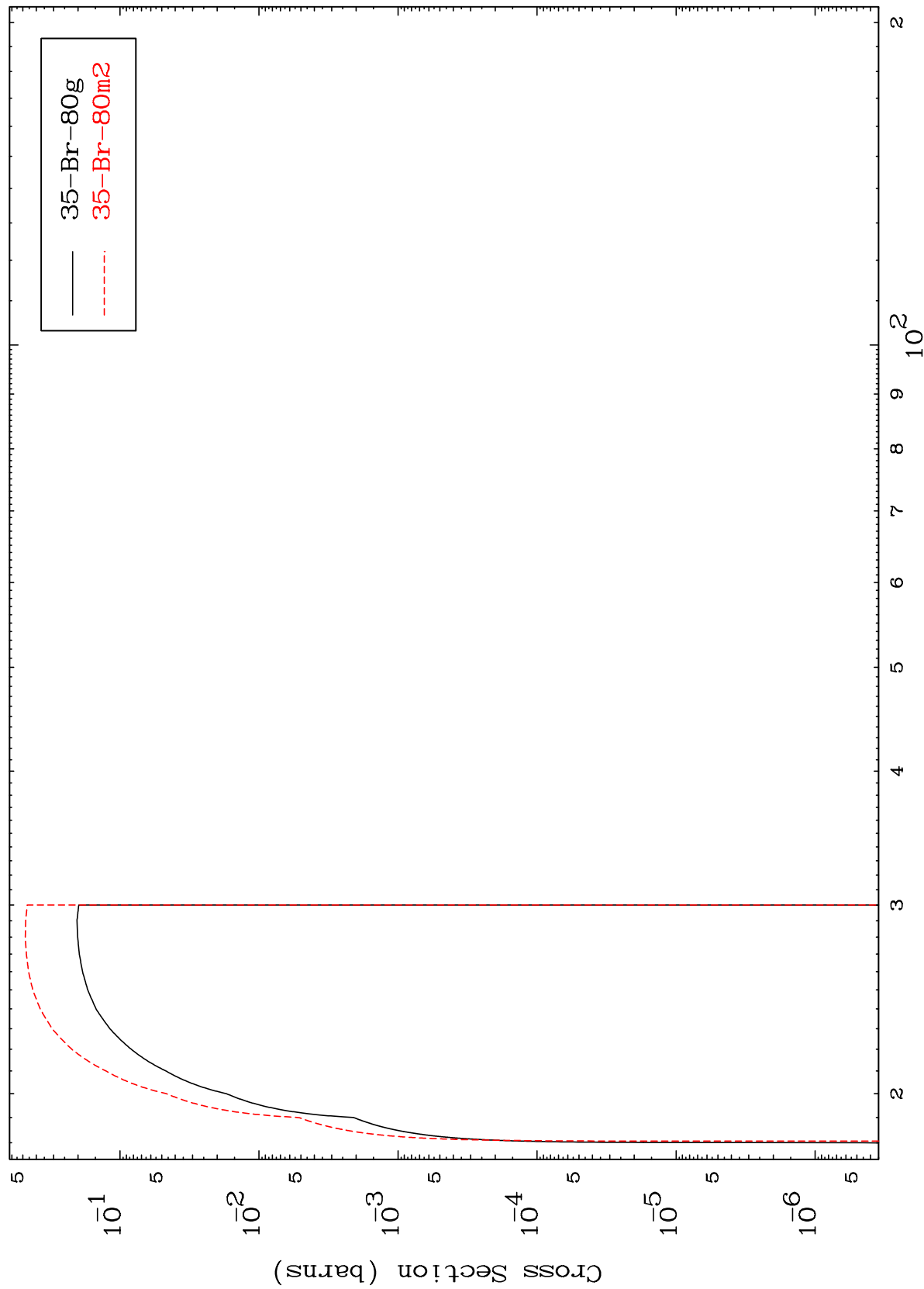


105

Incident Energy (MeV)

35-Br-82

(n,3n)
Radionuclide Production Cross Section

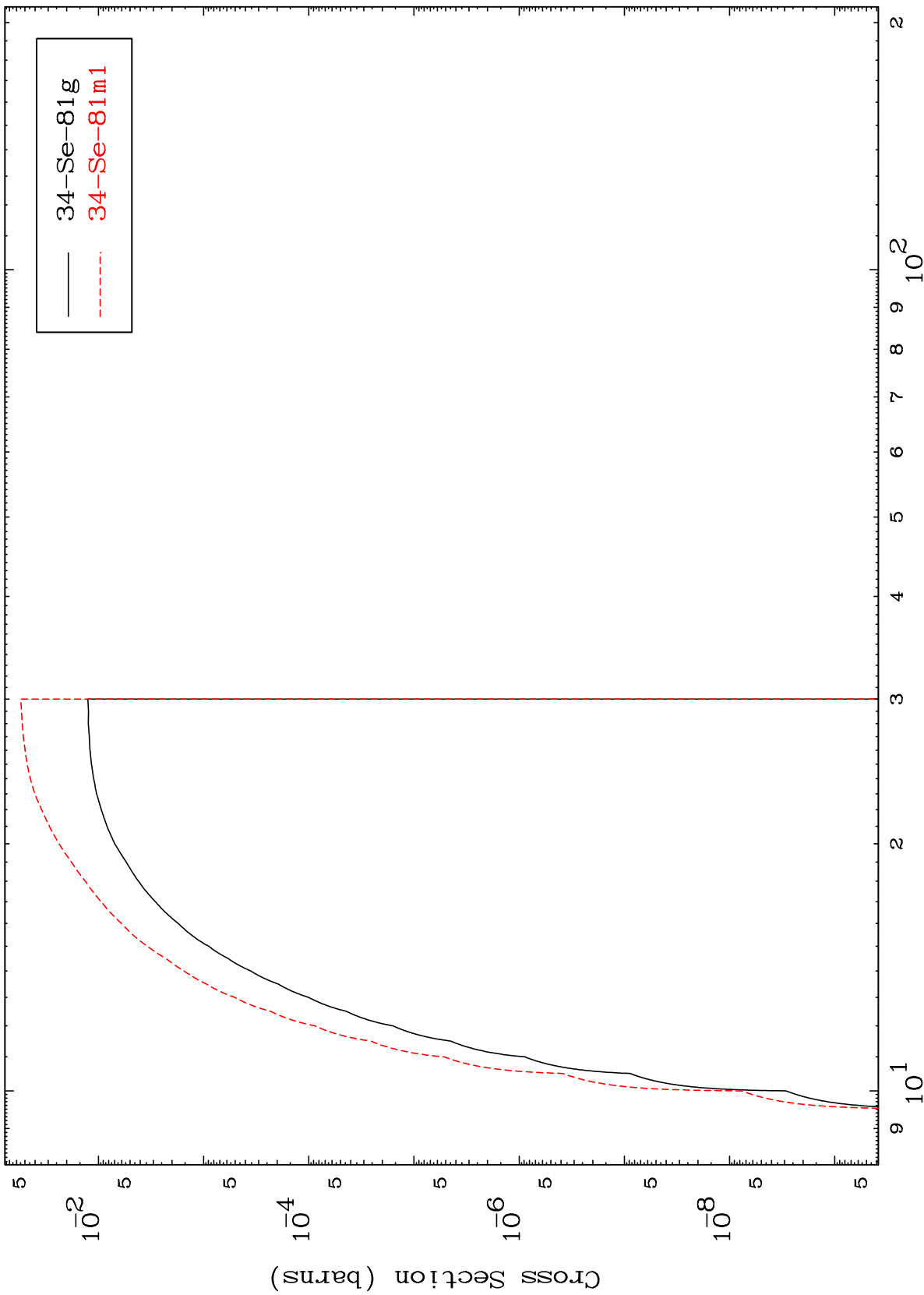


MAT 3534

(n,n') p

35-Br-82

Radionuclide Production Cross Section

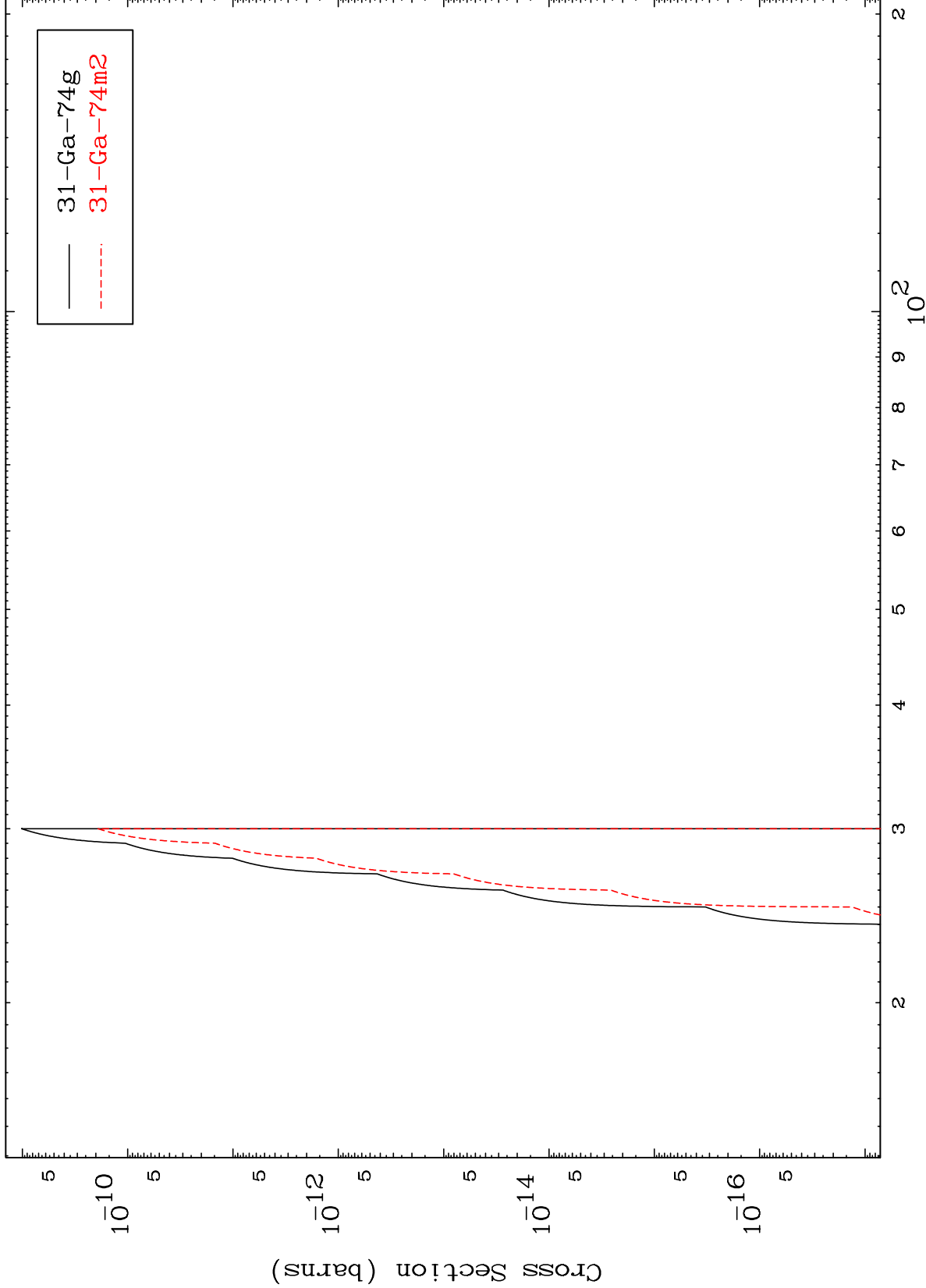


107

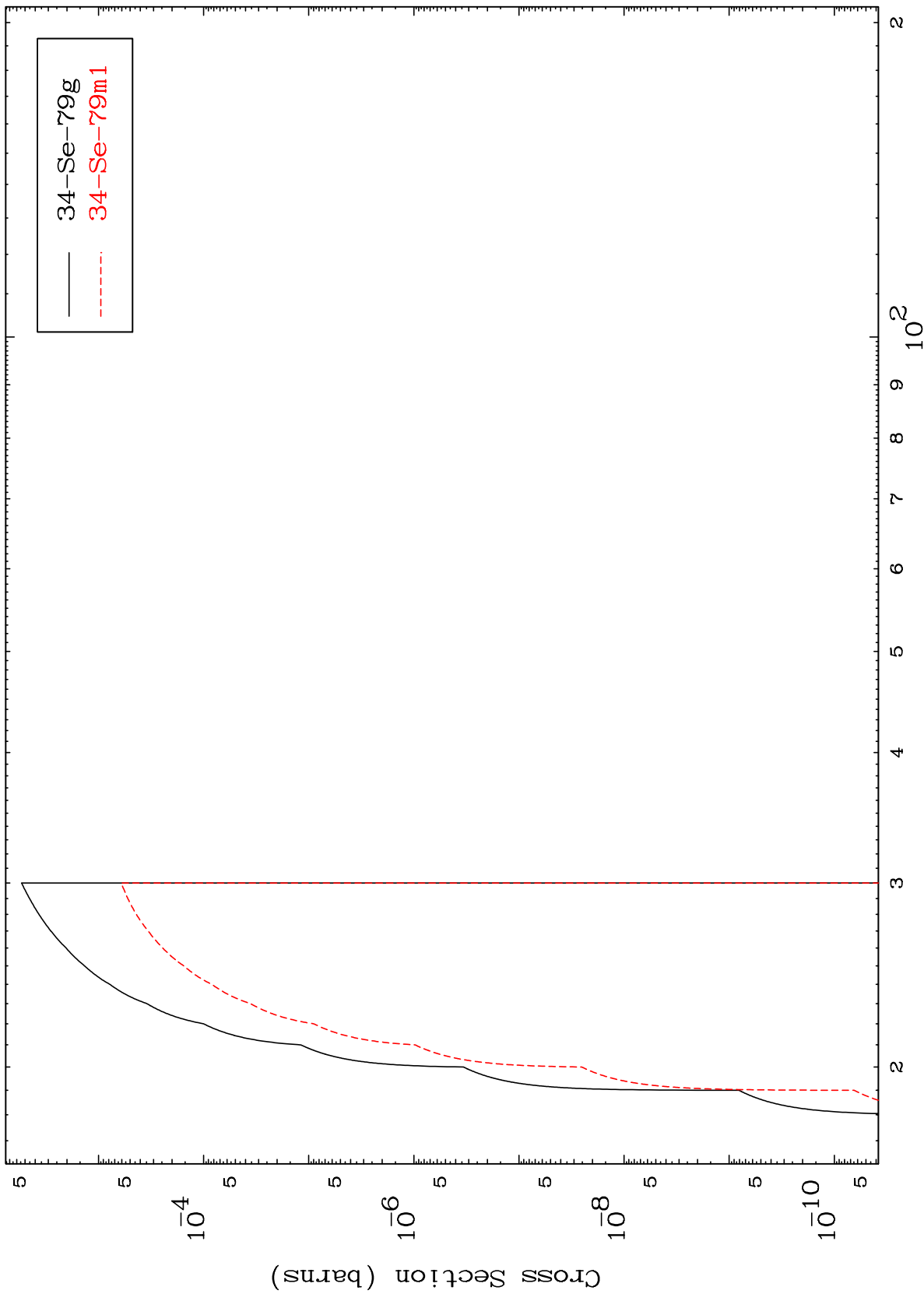
Incident Energy (MeV)

35-Br-82

Radionuclide Production Cross Section



Radionuclide Production Cross Section

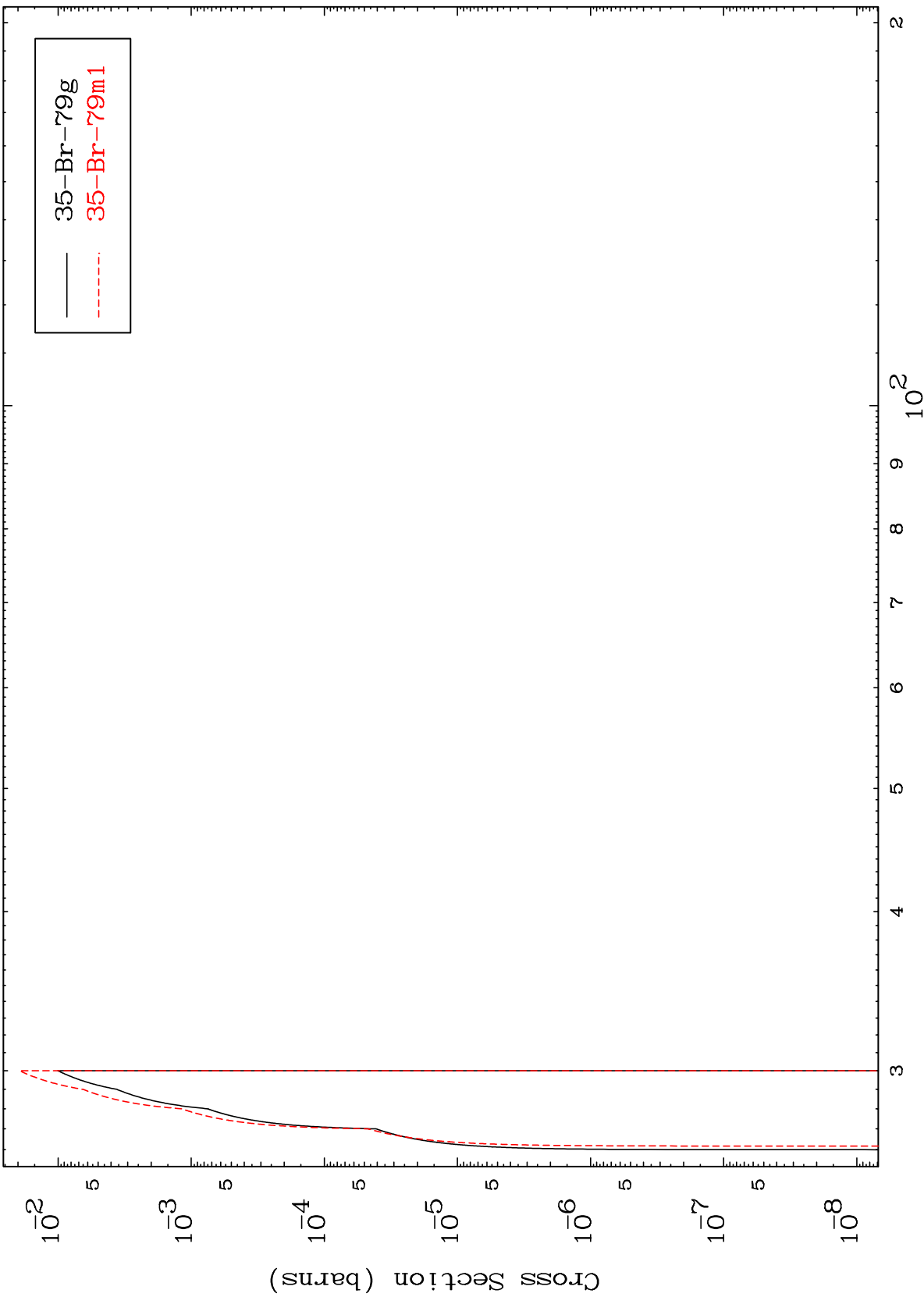


MAT 3534

35-Br-82

(n,4n)

Radionuclide Production Cross Section



35-Br-79g
35-Br-79m1

110

Incident Energy (MeV)

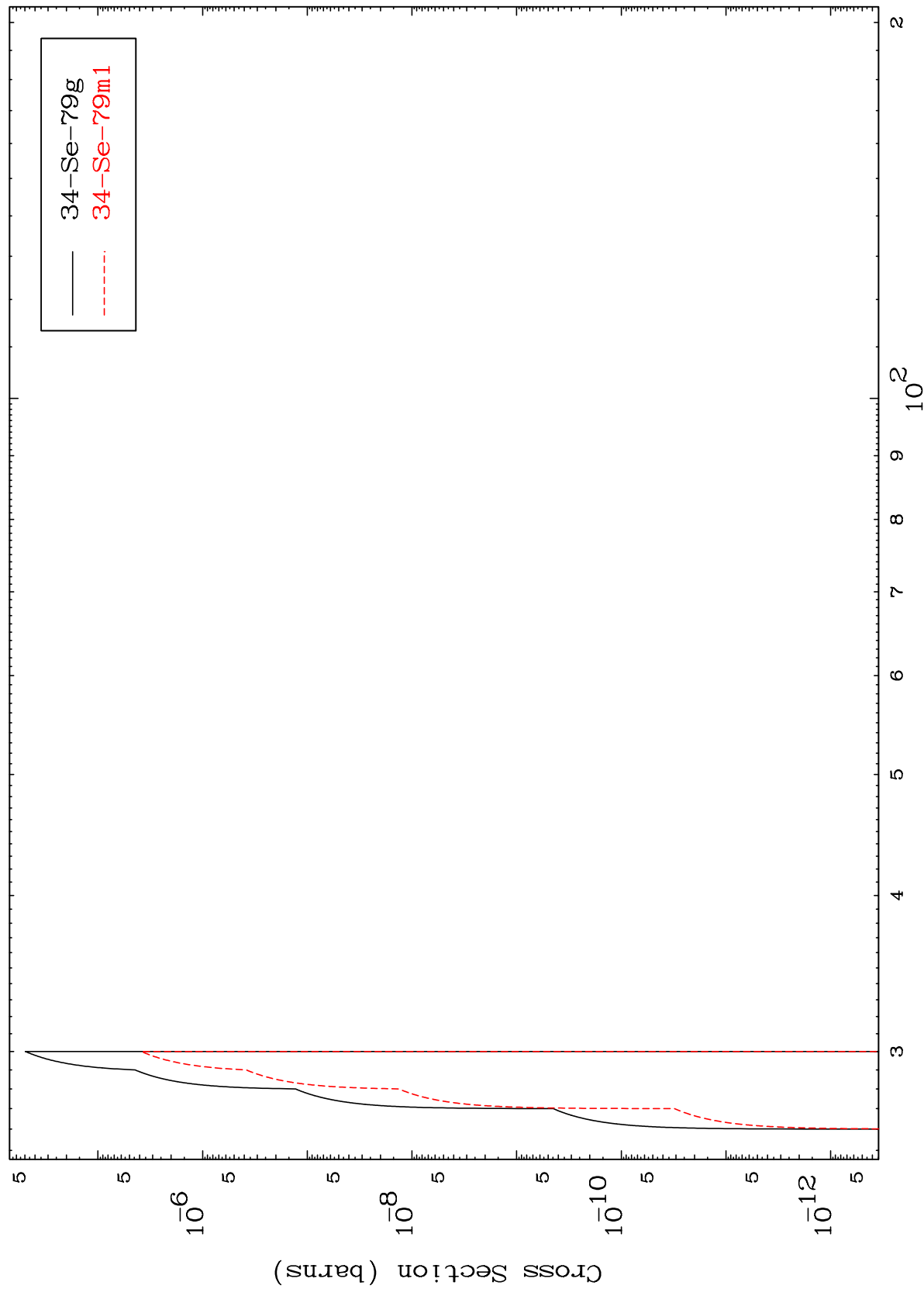
35-Br-82

MAT 3534

(n,3n) p

35-Br-82

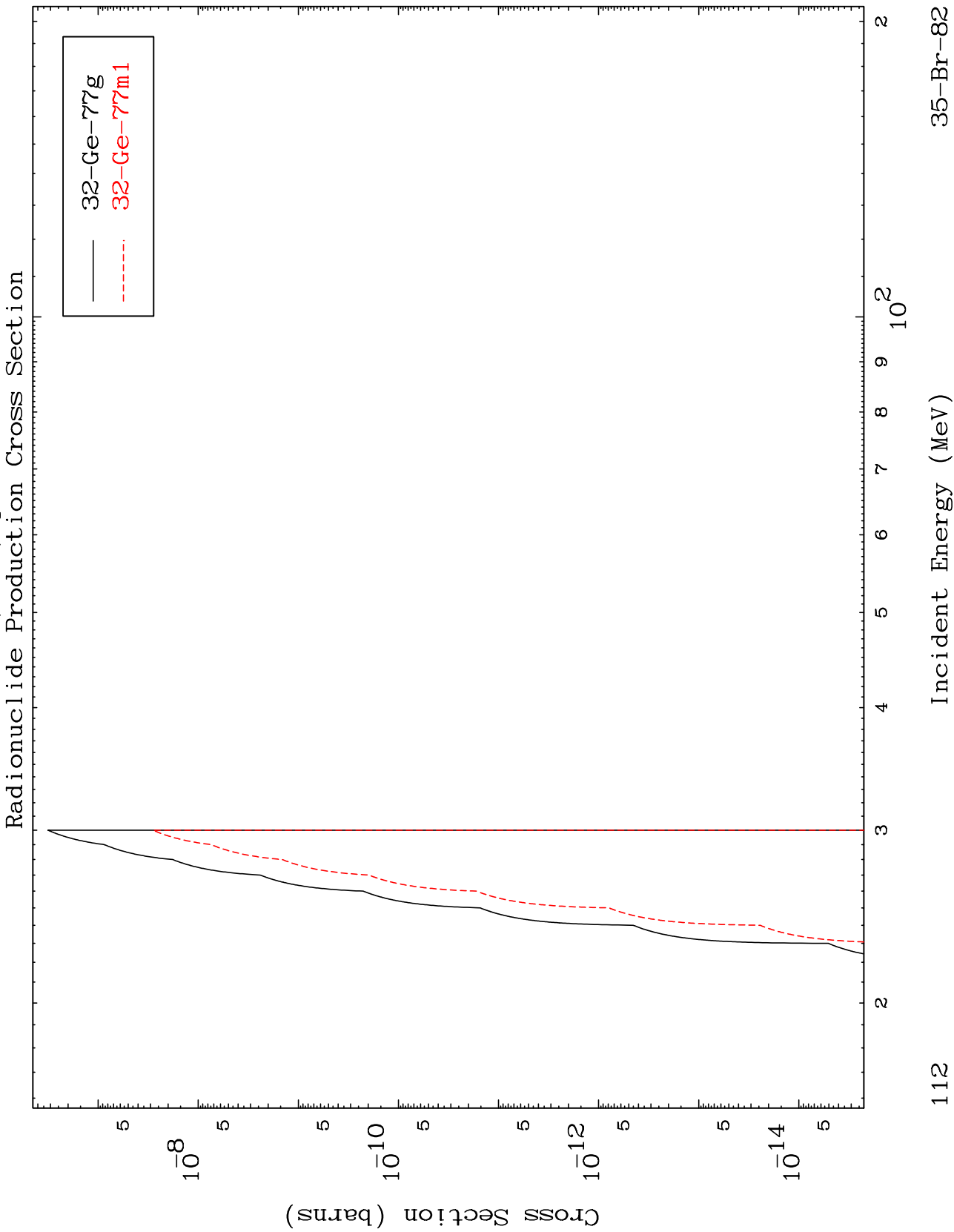
Radionuclide Production Cross Section



111

Incident Energy (MeV)

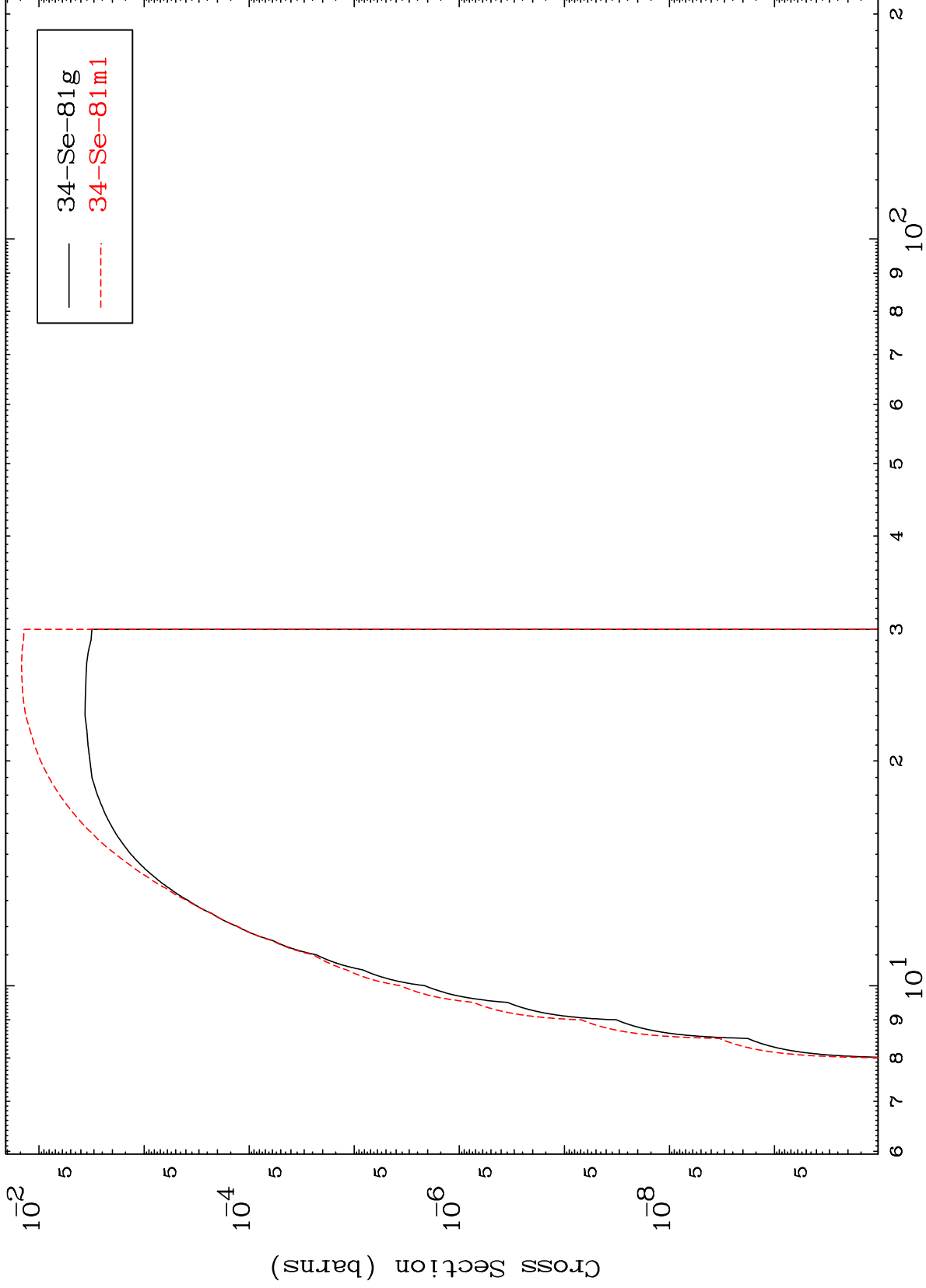
35-Br-82



MAT 3534

35-Br-82

(n,d)
Radionuclide Production Cross Section



113

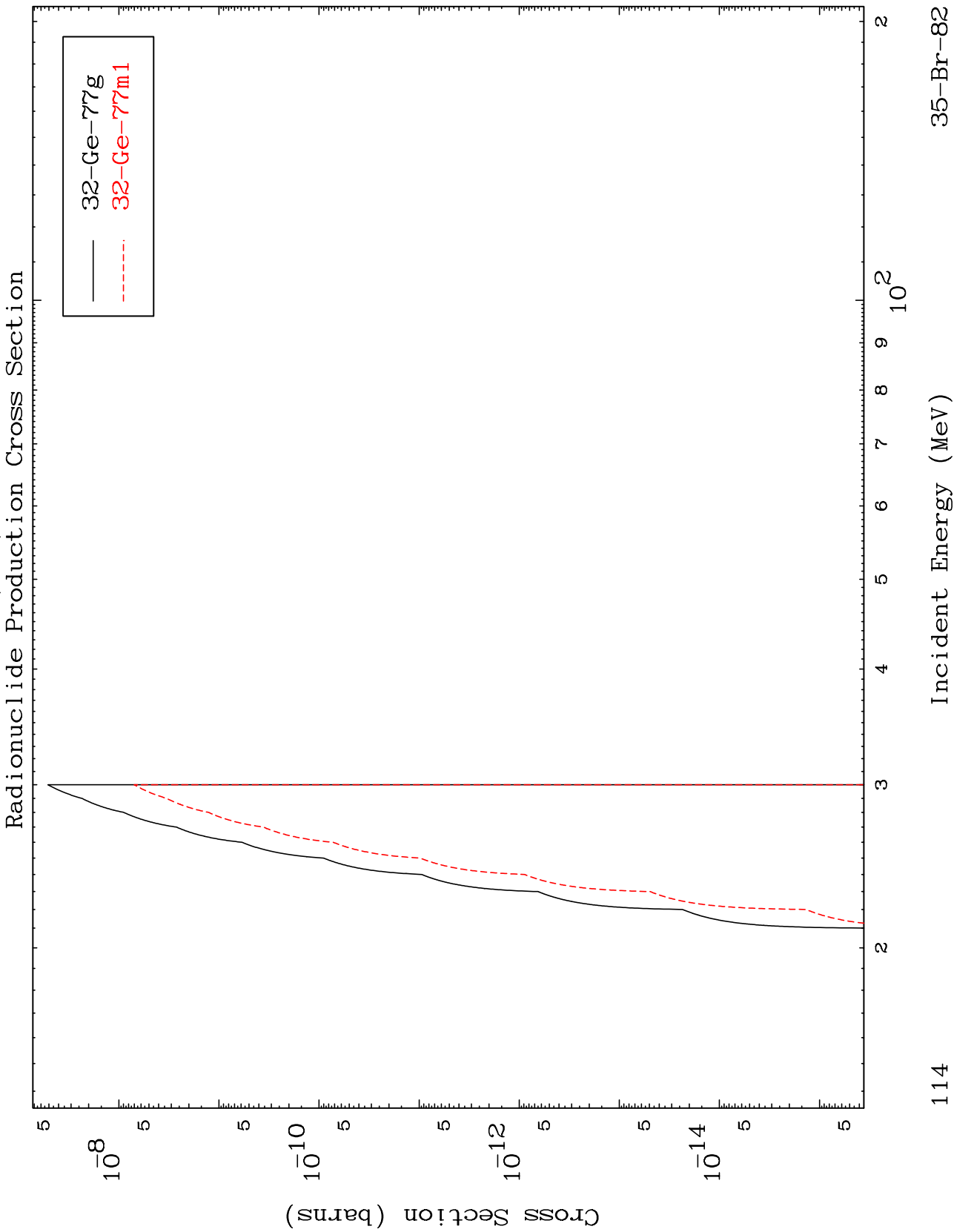
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,d) α

35-Br-82



114

35-Br-82