

Program EVALPLOT
(Version 2021-1)

by

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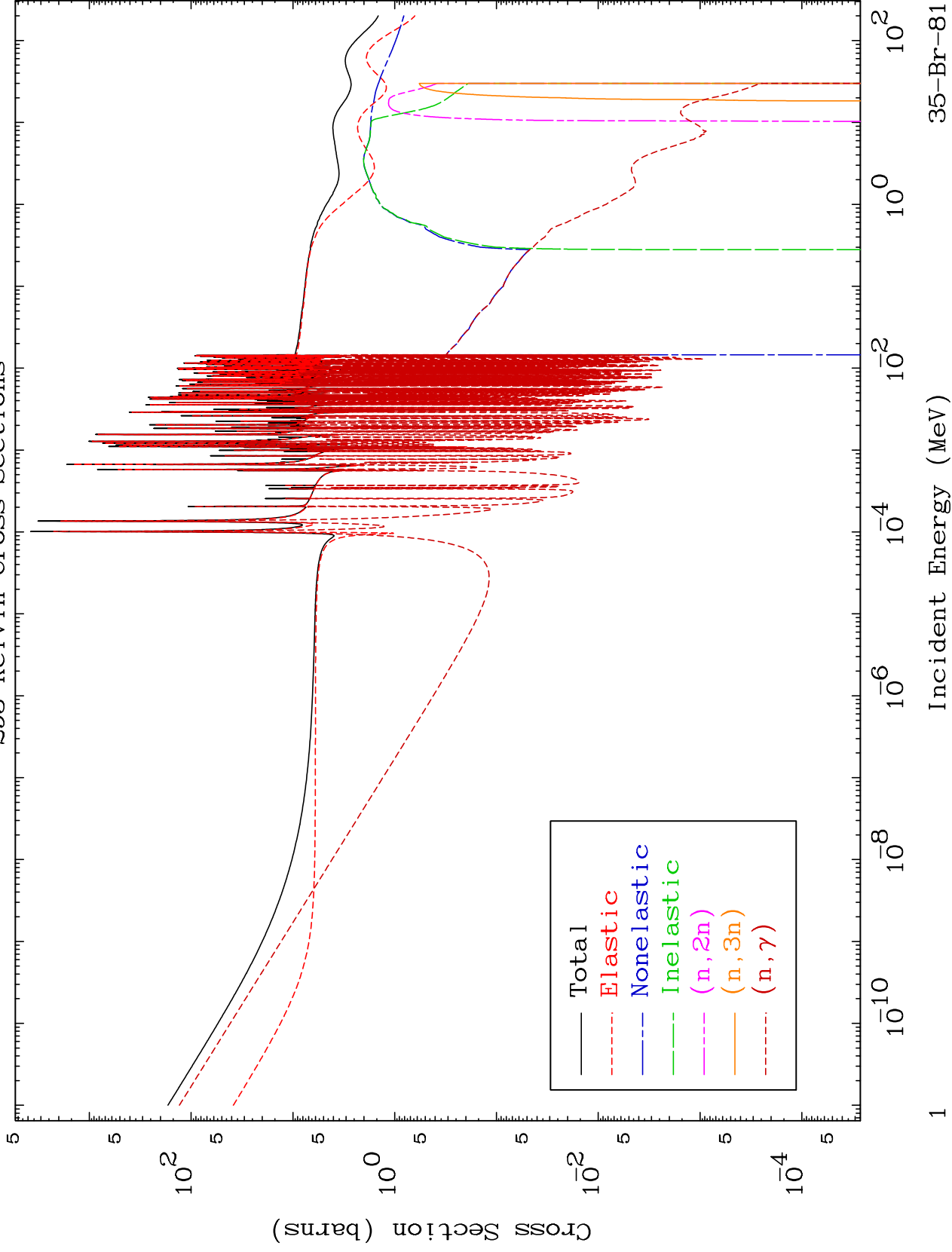
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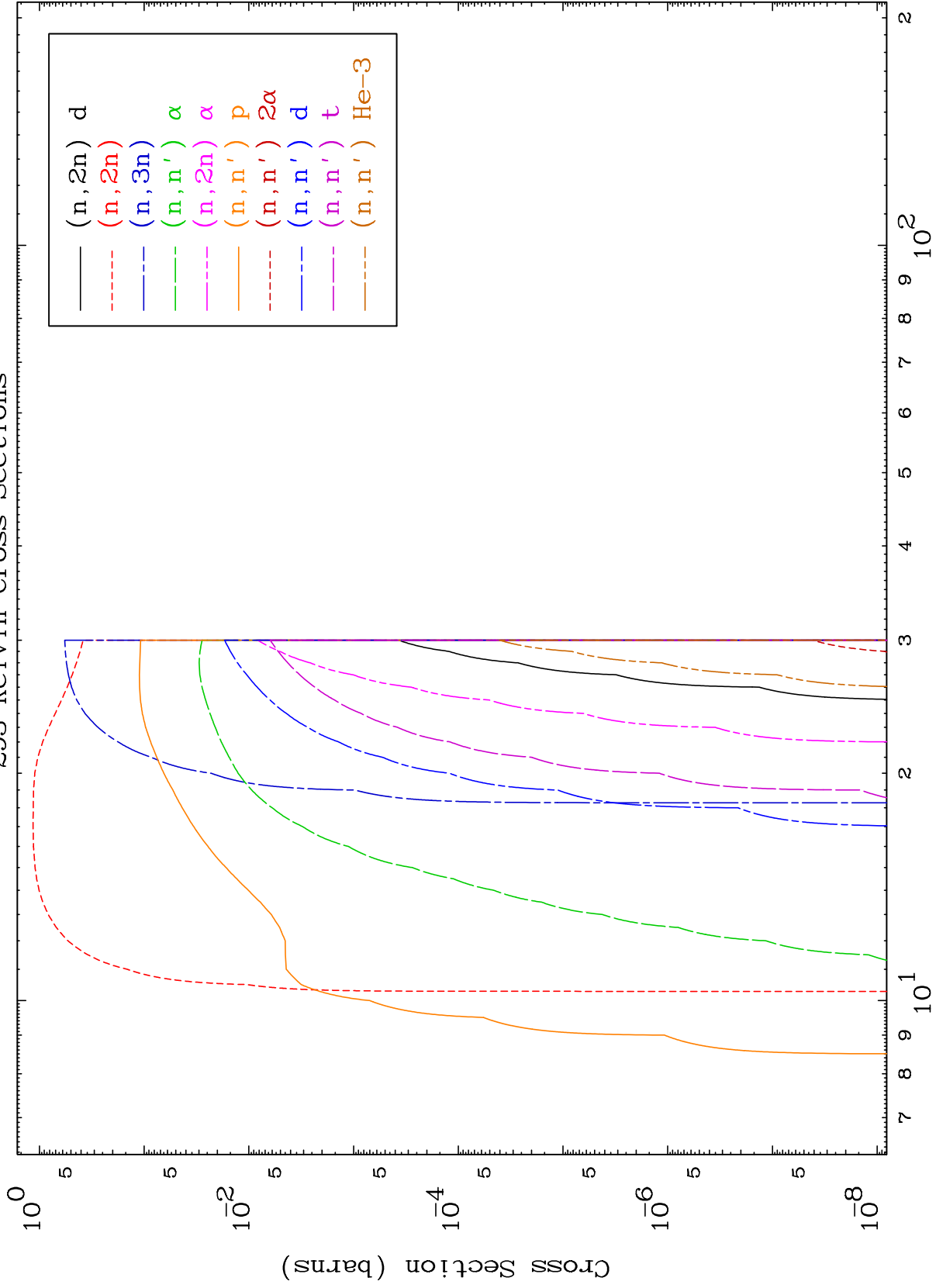
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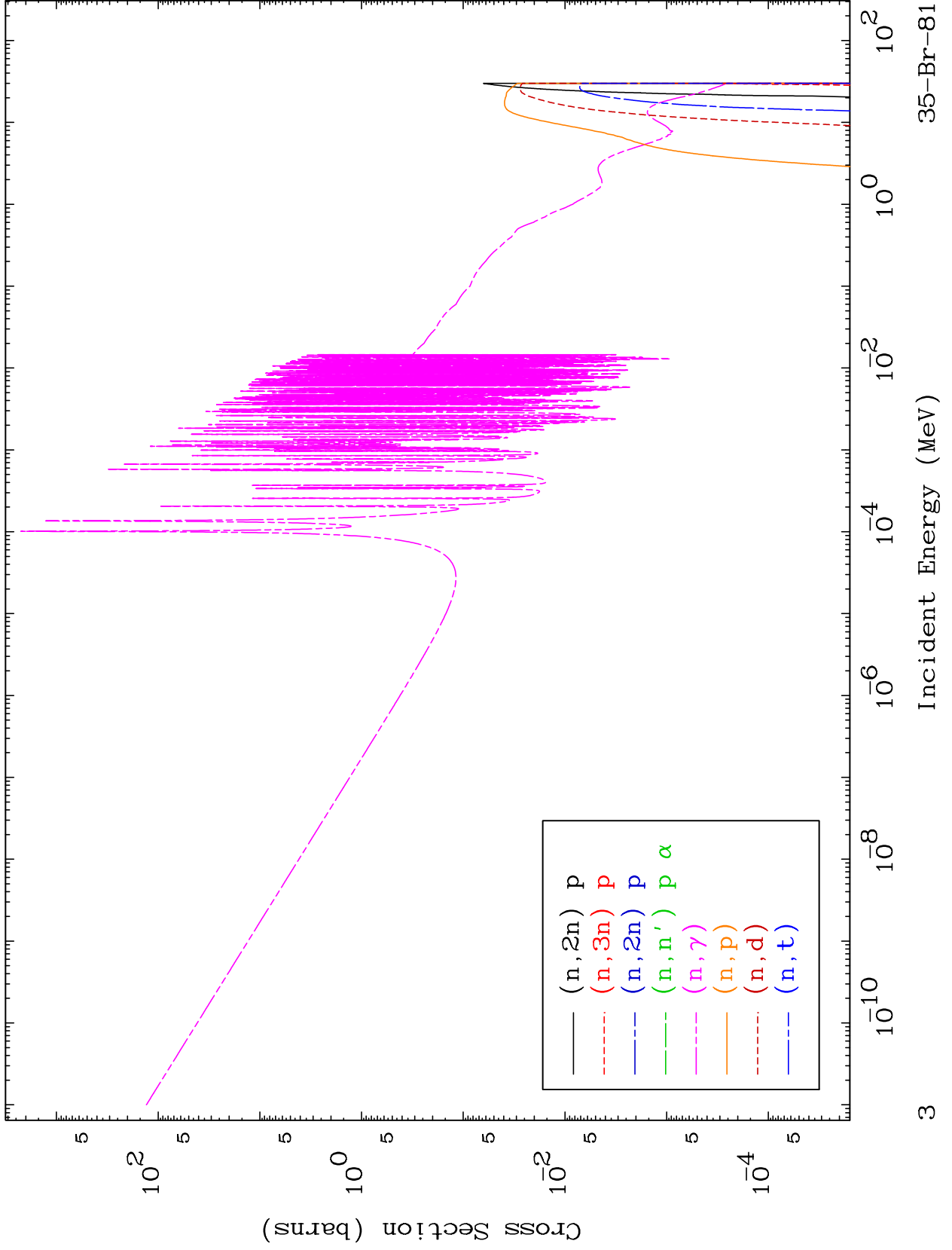
MAT 3531

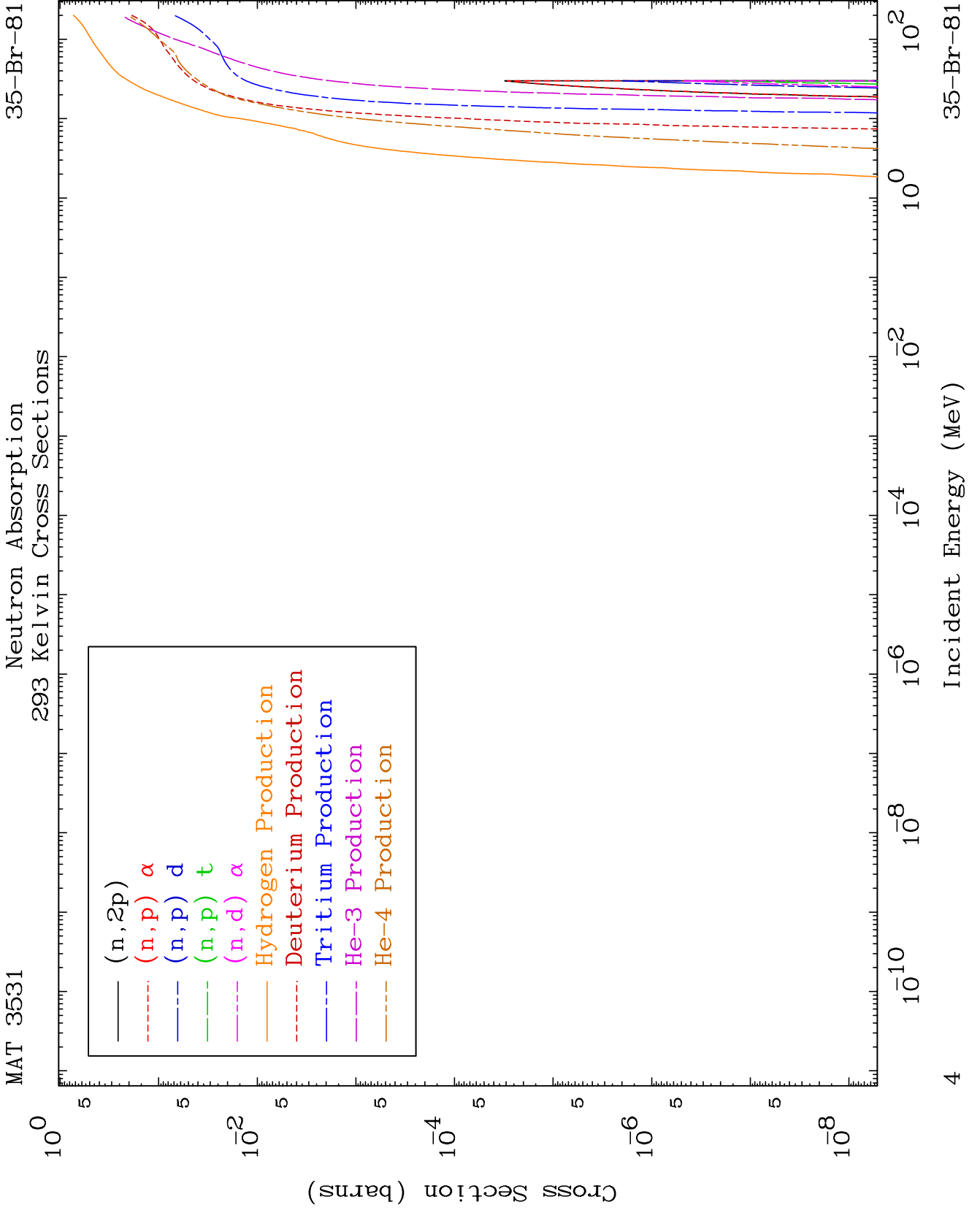
Neutron Major
293 Kelvin Cross Sections

35-Br-81





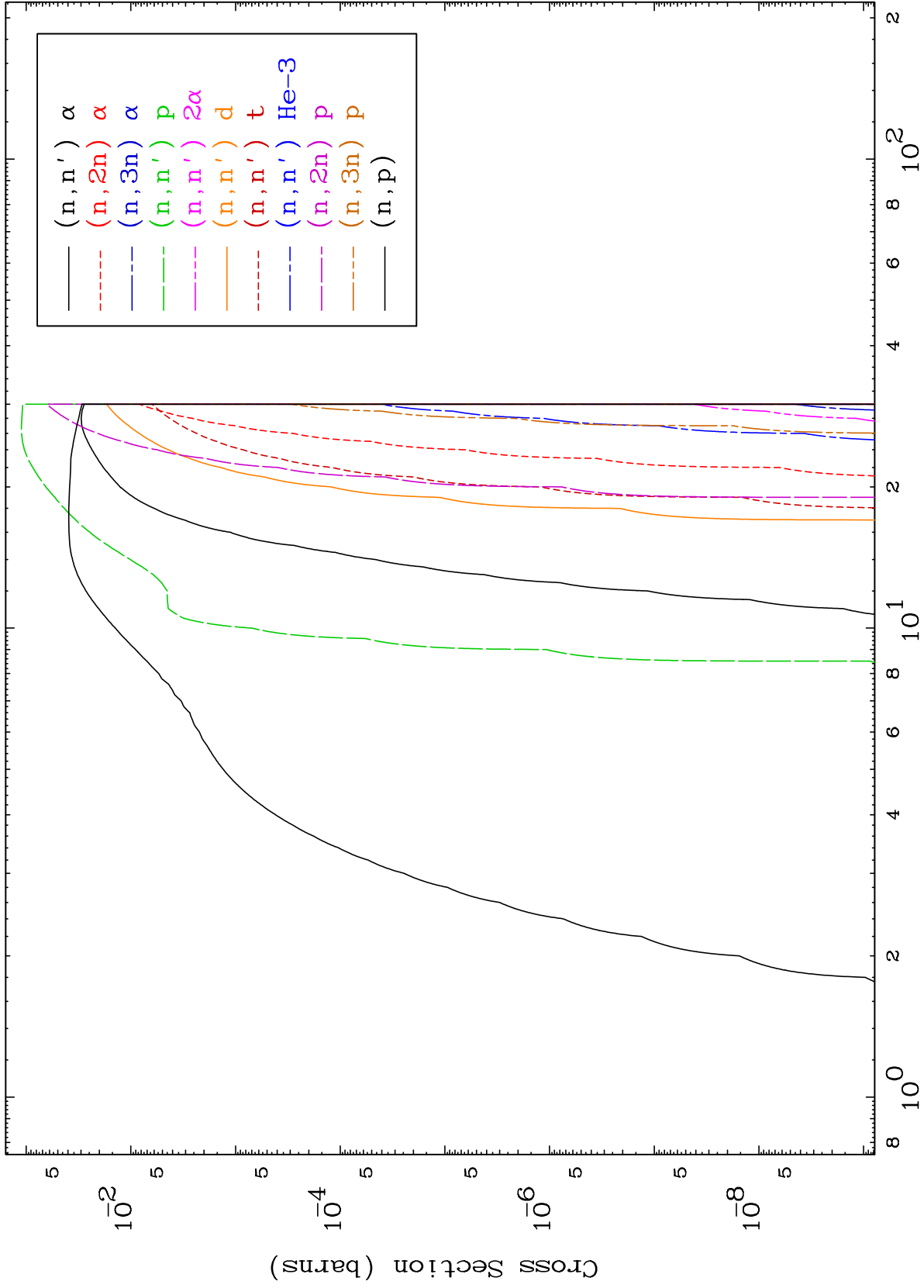




MAT 3531

Charged Particle
293 Kelvin Cross Sections

35-Br-81



35-Br-81

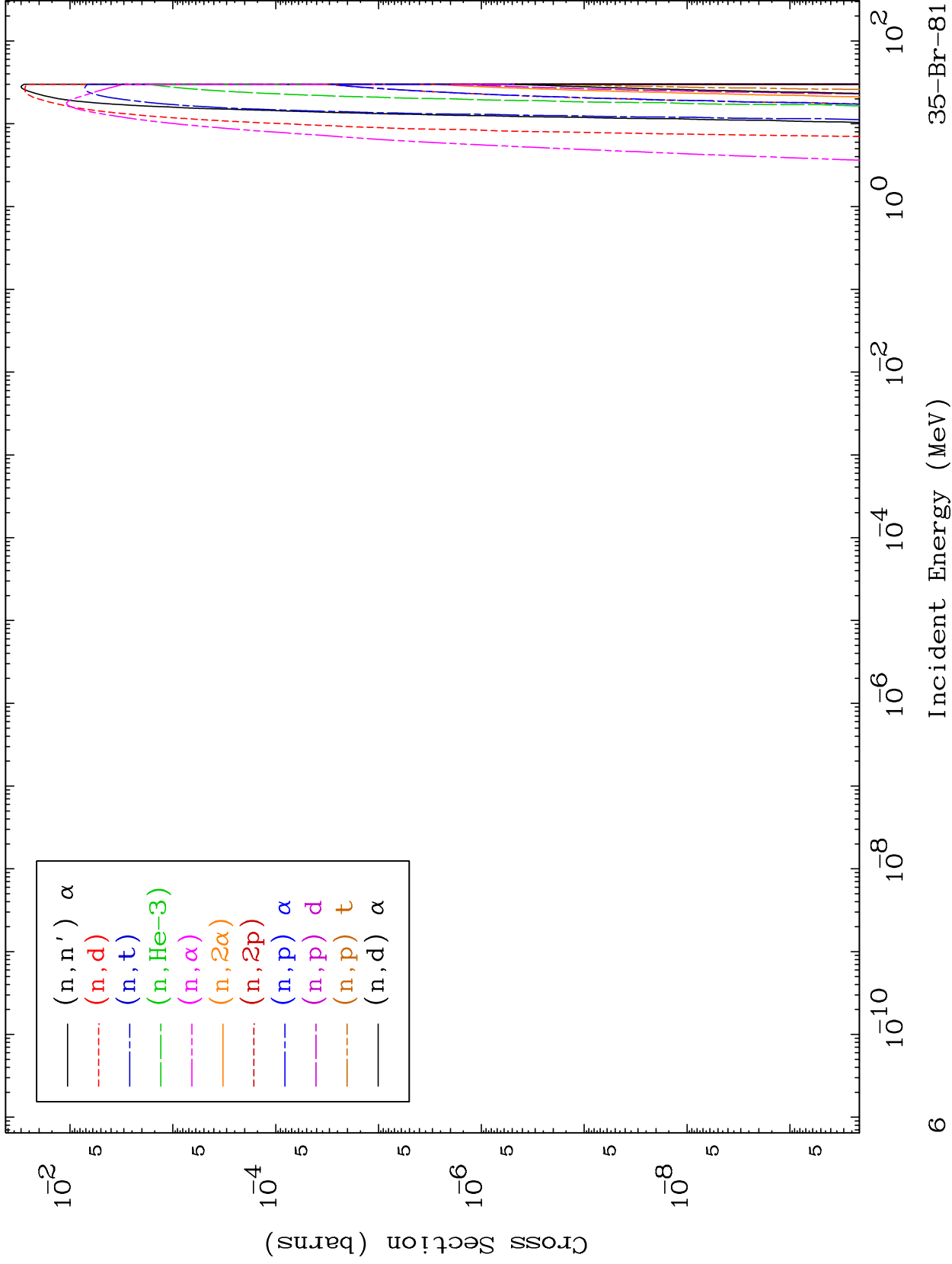
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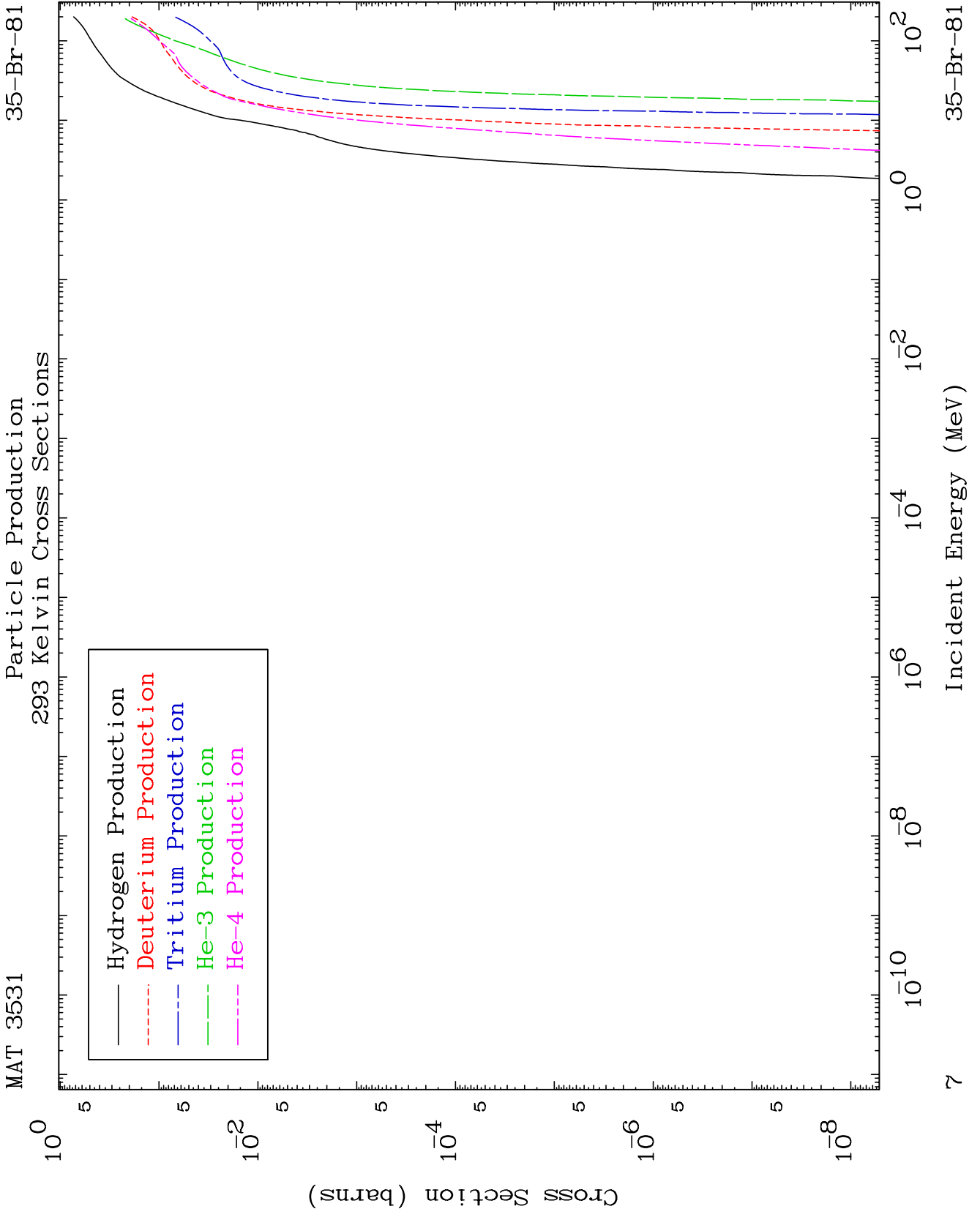
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MAT 3531

Charged Particle
293 Kelvin Cross Sections

35-Br-81



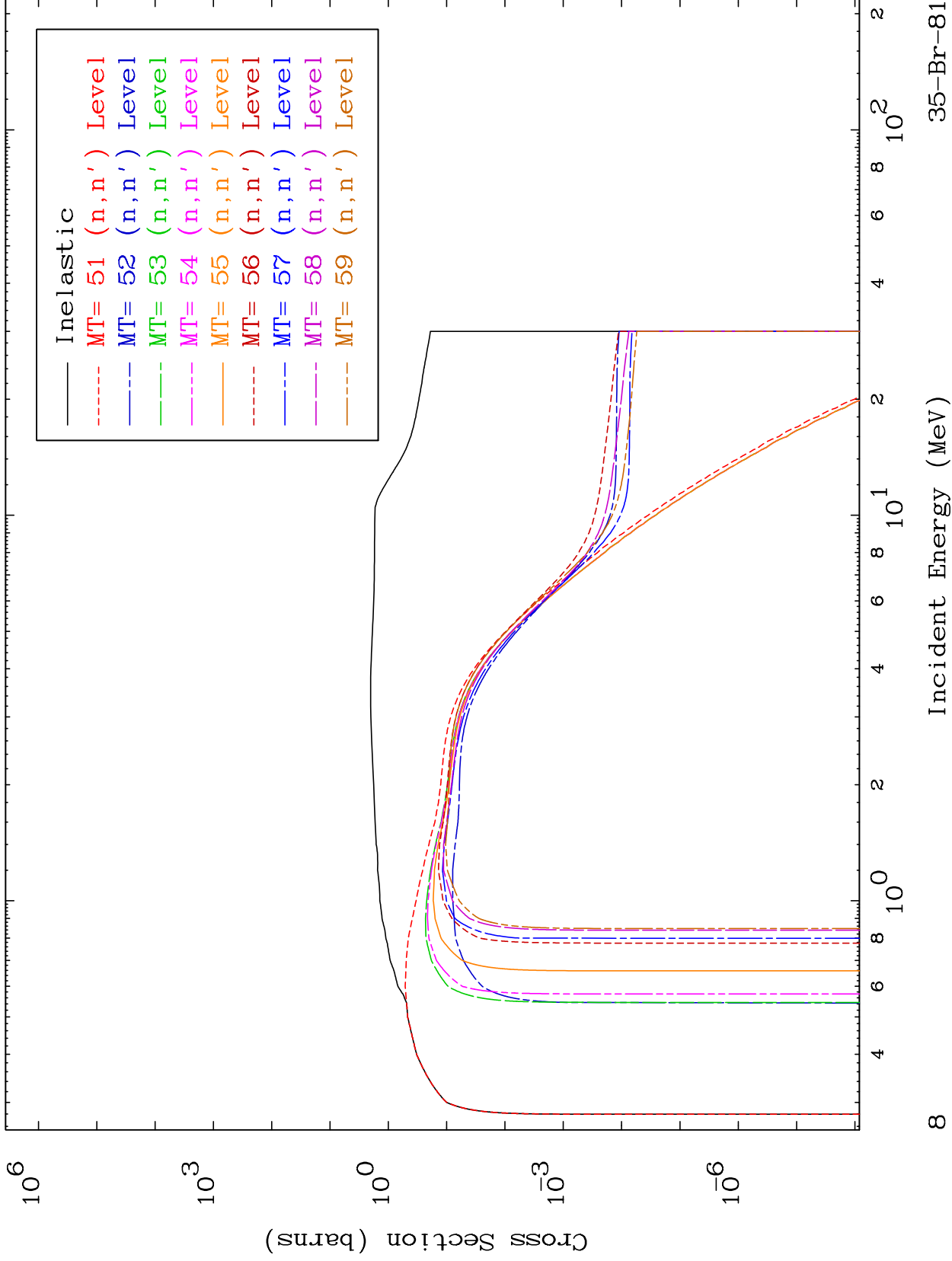


MAT 3531

(n,n') Levels

35-Br-81

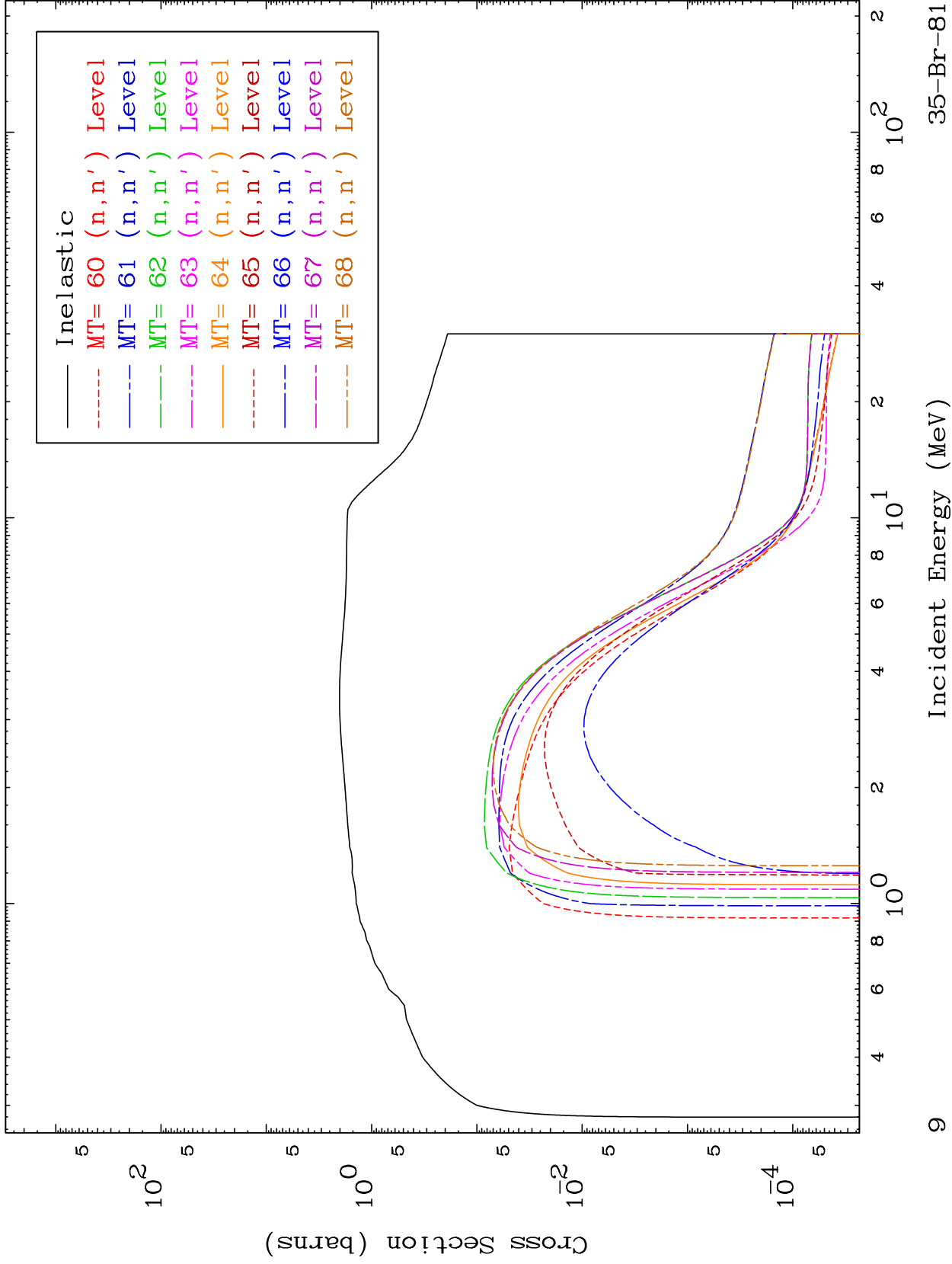
293 Kelvin Cross Sections



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Incident Energy (MeV)

35-Br-81

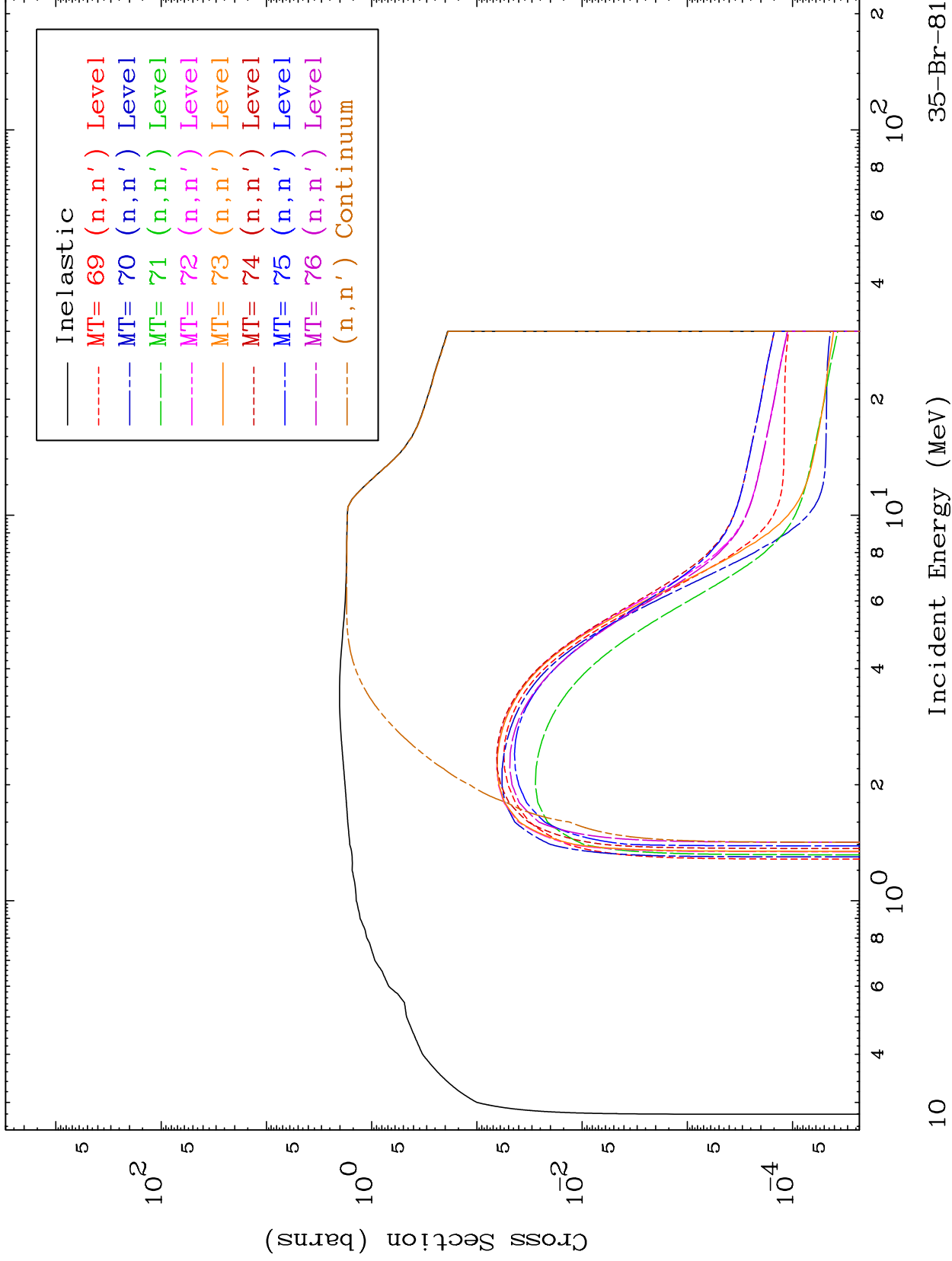


MAT 3531

(n,n') Levels

35-Br-81

293 Kelvin Cross Sections



10

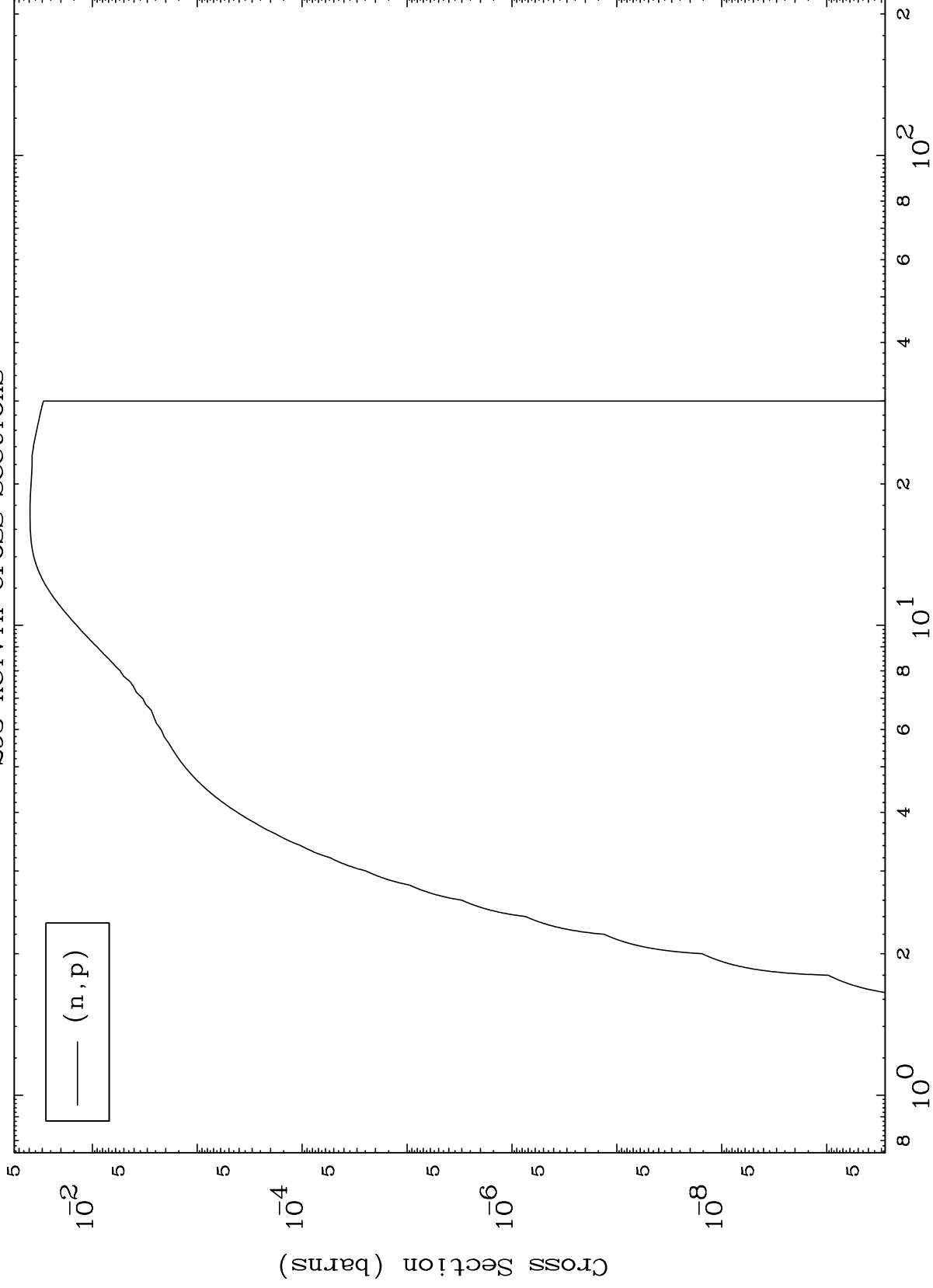
Incident Energy (MeV)

35-Br-81

MAT 3531

(n,p) Levels
293 Kelvin Cross Sections

35-Br-81



11

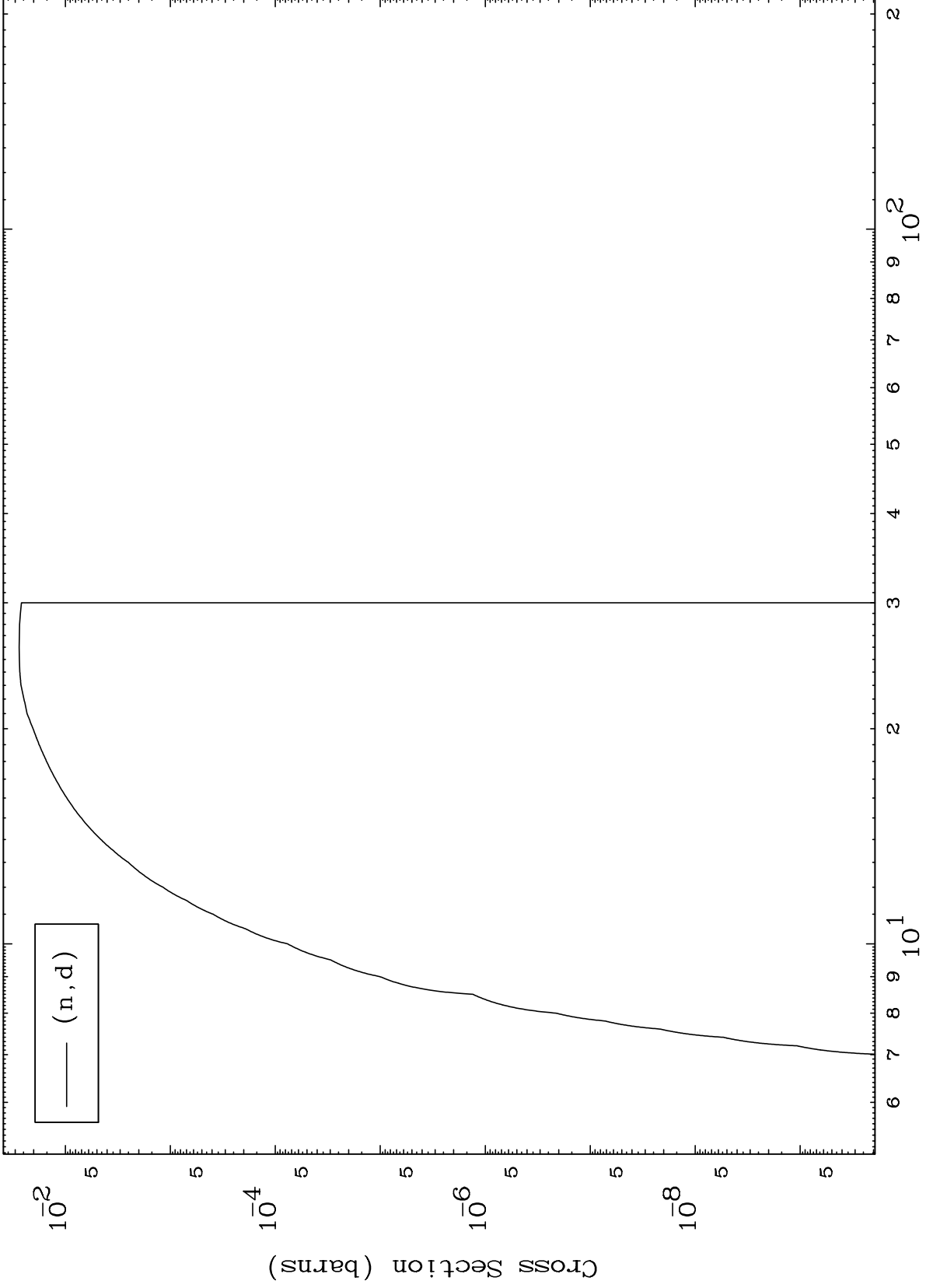
Incident Energy (MeV)

35-Br-81

MAT 3531

(n,d) Levels
293 Kelvin Cross Sections

35-Br-81



12

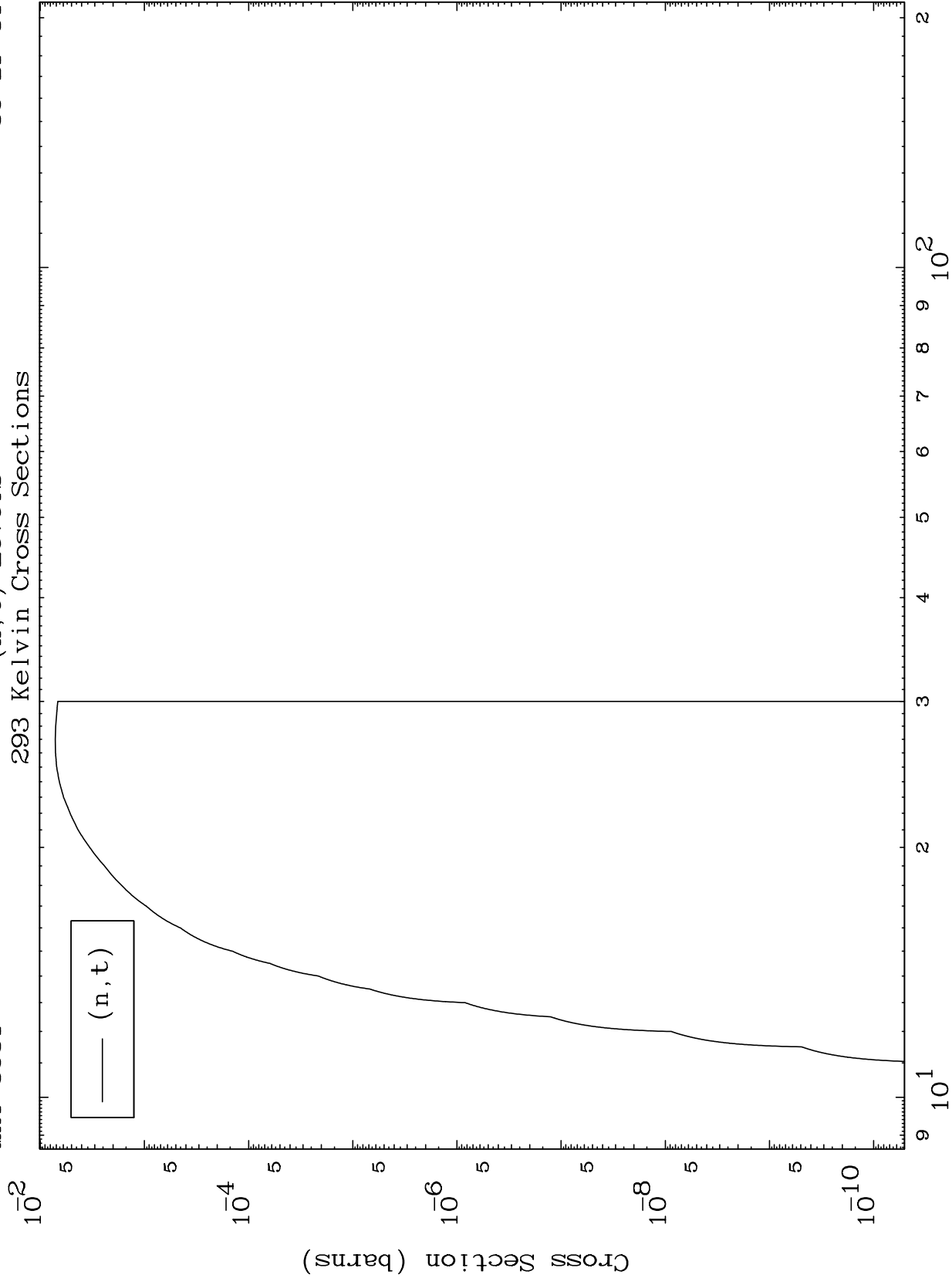
Incident Energy (MeV)

35-Br-81

MAT 3531

(n,t) Levels
293 Kelvin Cross Sections

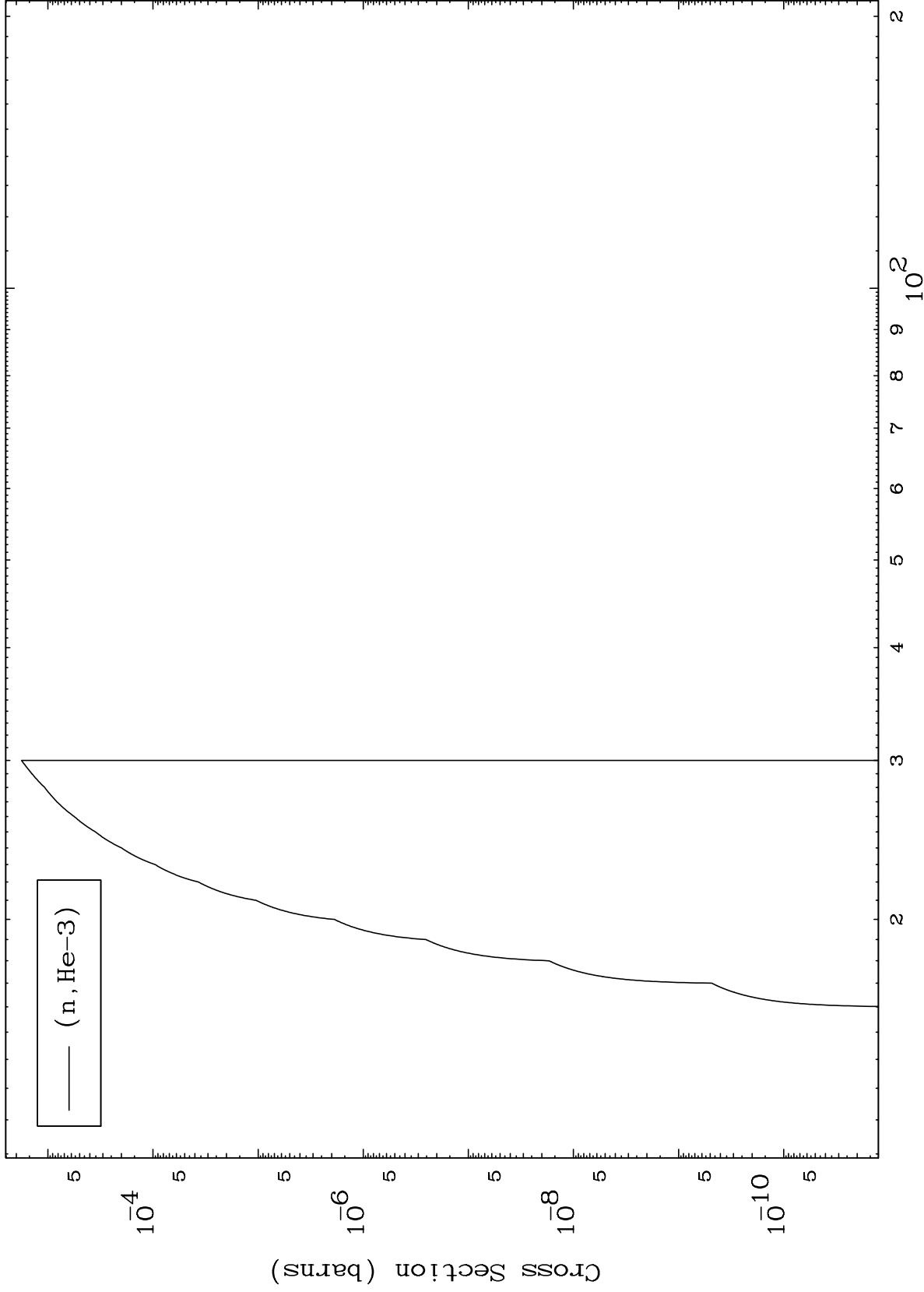
35-Br-81



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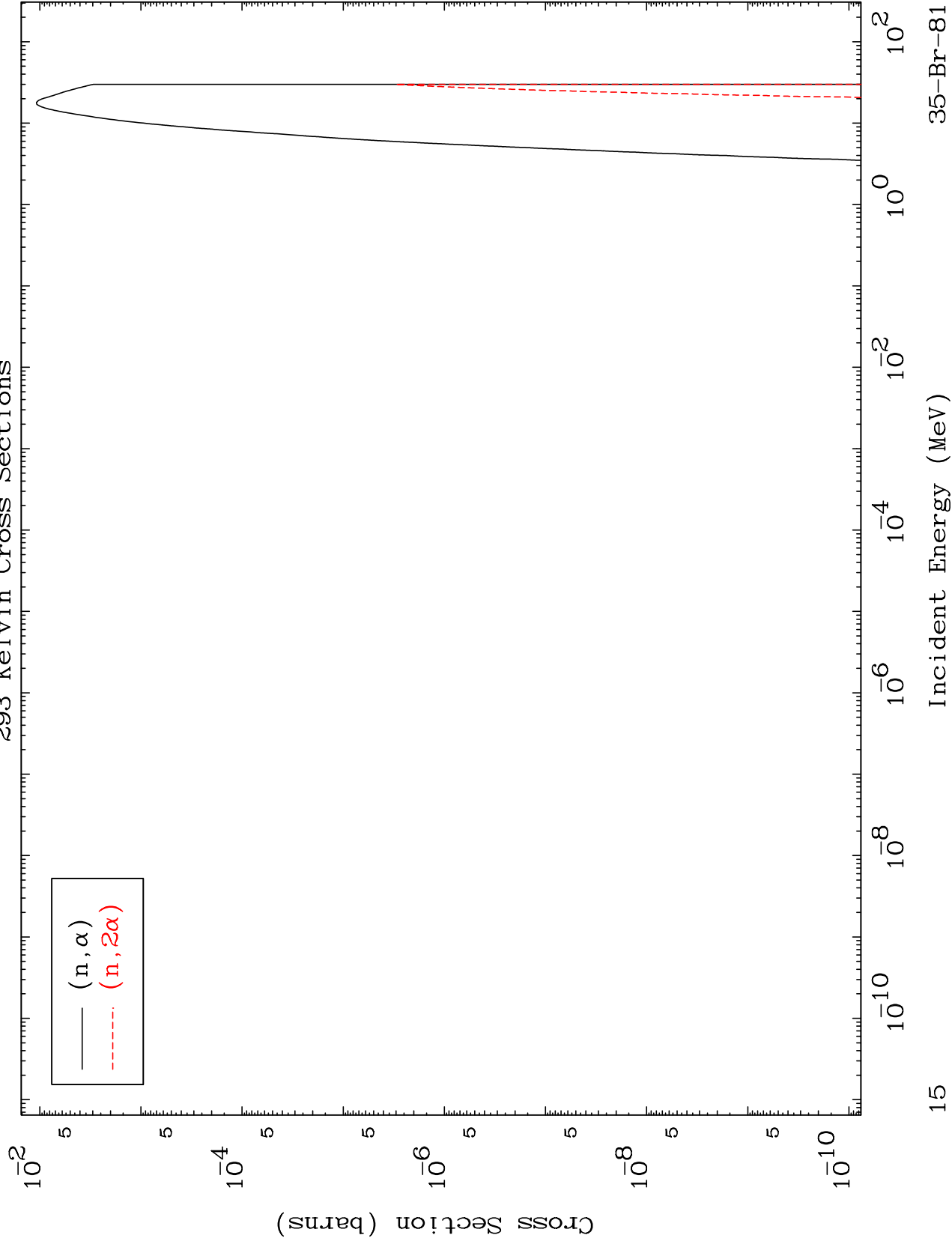
35-Br-81



MAT 3531

(n, α) Levels
293 Kelvin Cross Sections

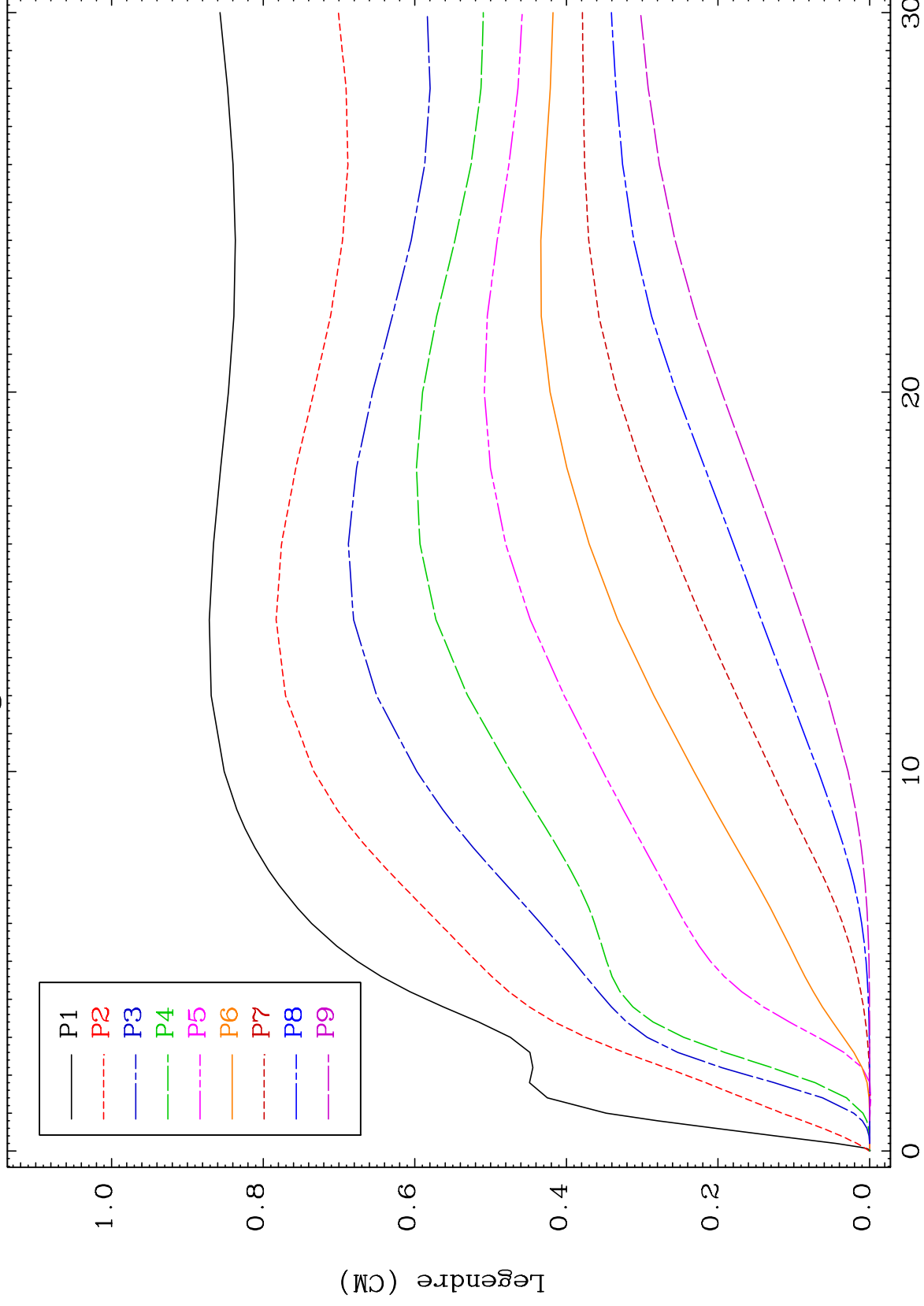
35-Br-81



MAT 3531

Elastic Legendre Coefficients

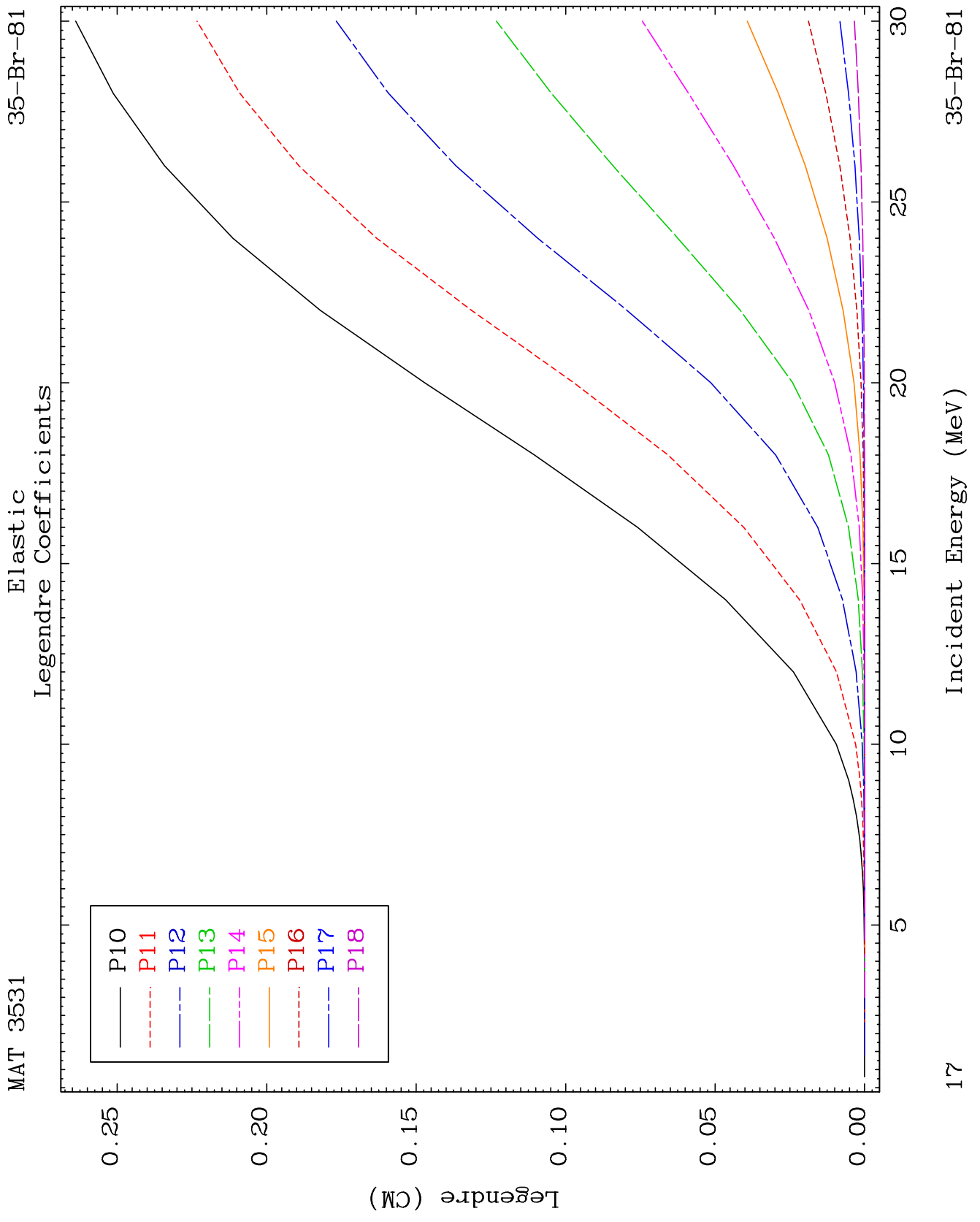
³⁵Br-81



16

Incident Energy (MeV)

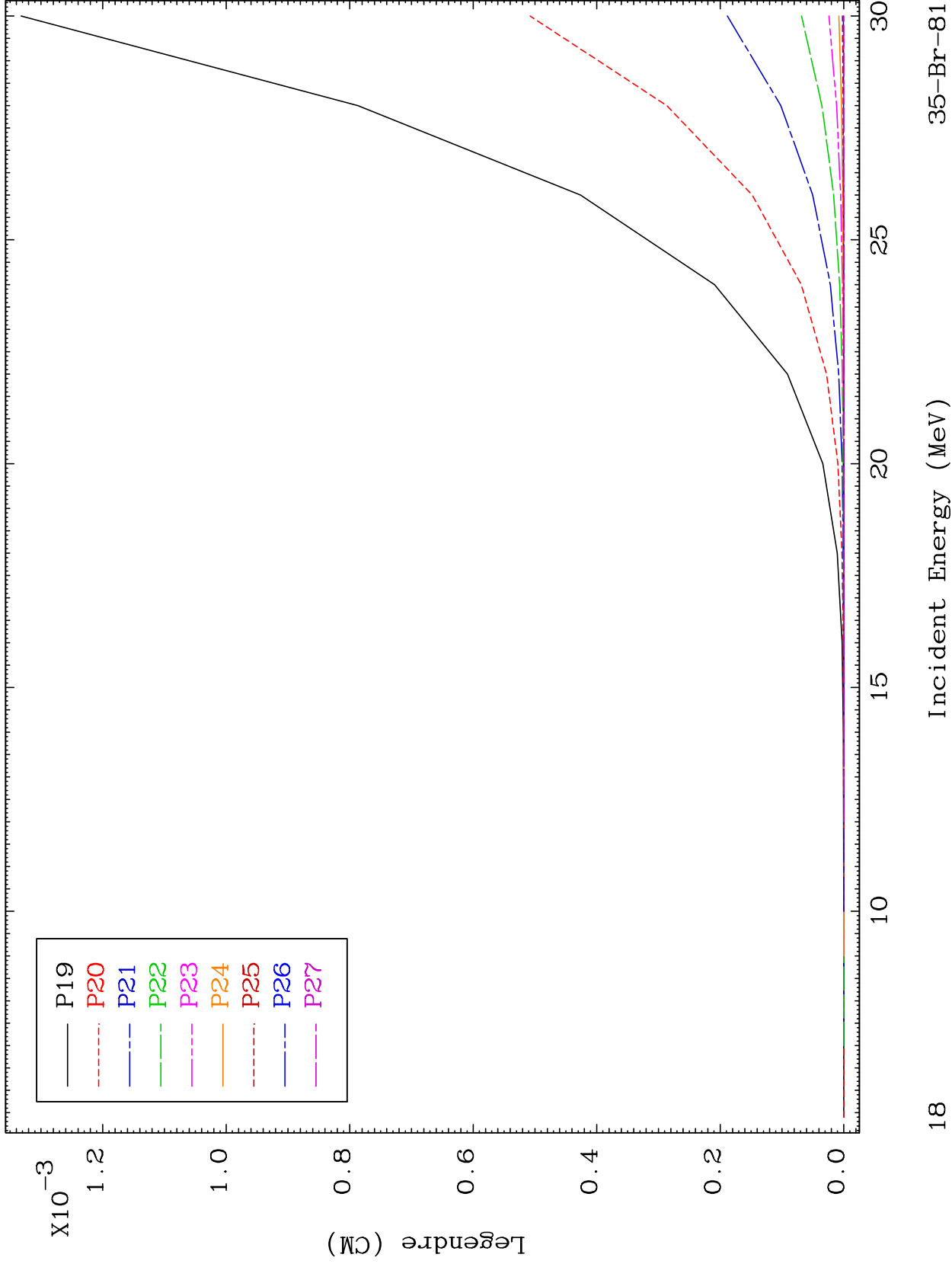
³⁵Br-81



MAT 3531

Elastic Legendre Coefficients

35-Br-81



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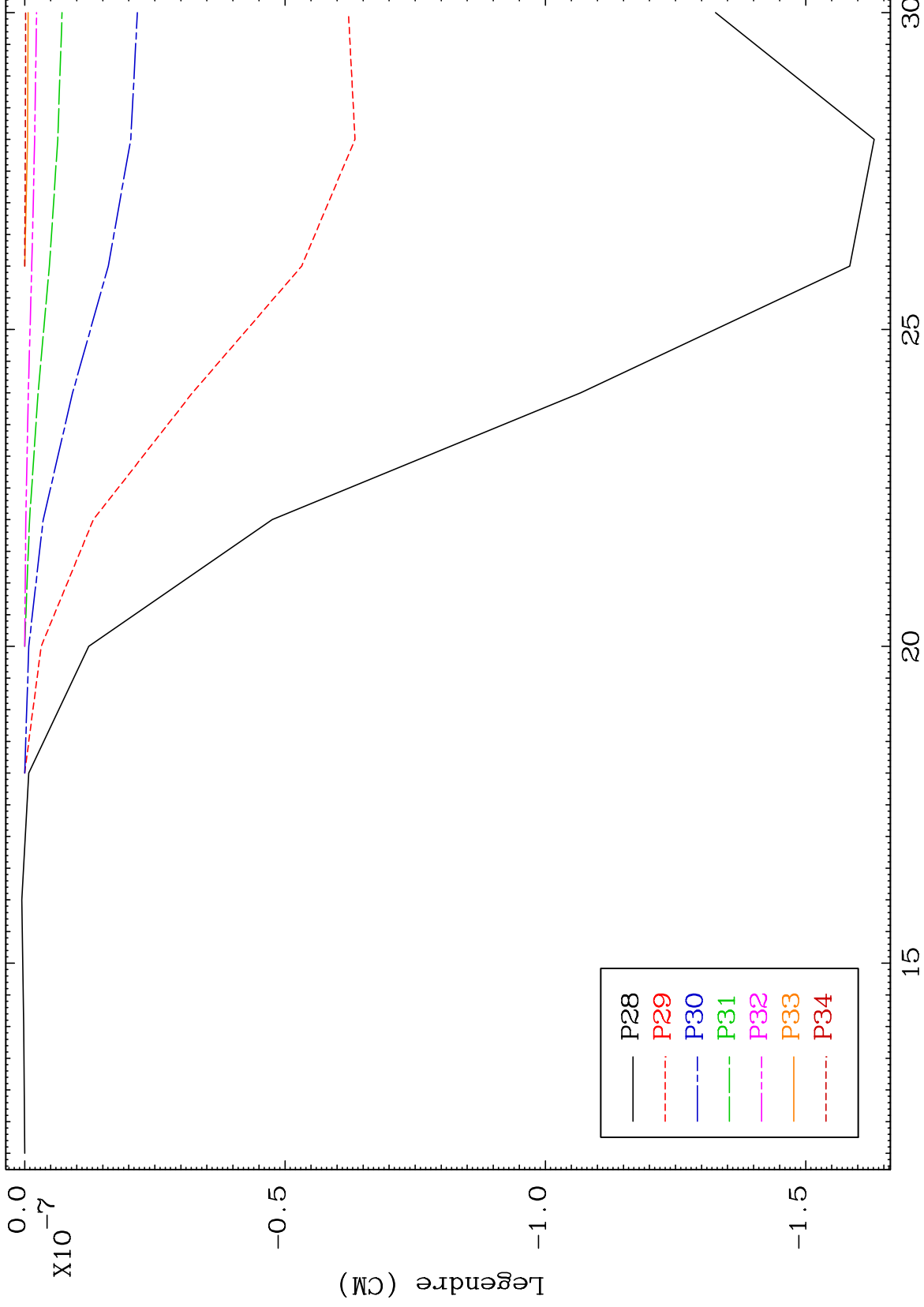
Incident Energy (MeV)

35-Br-81

MAT 3531

35-Br-81

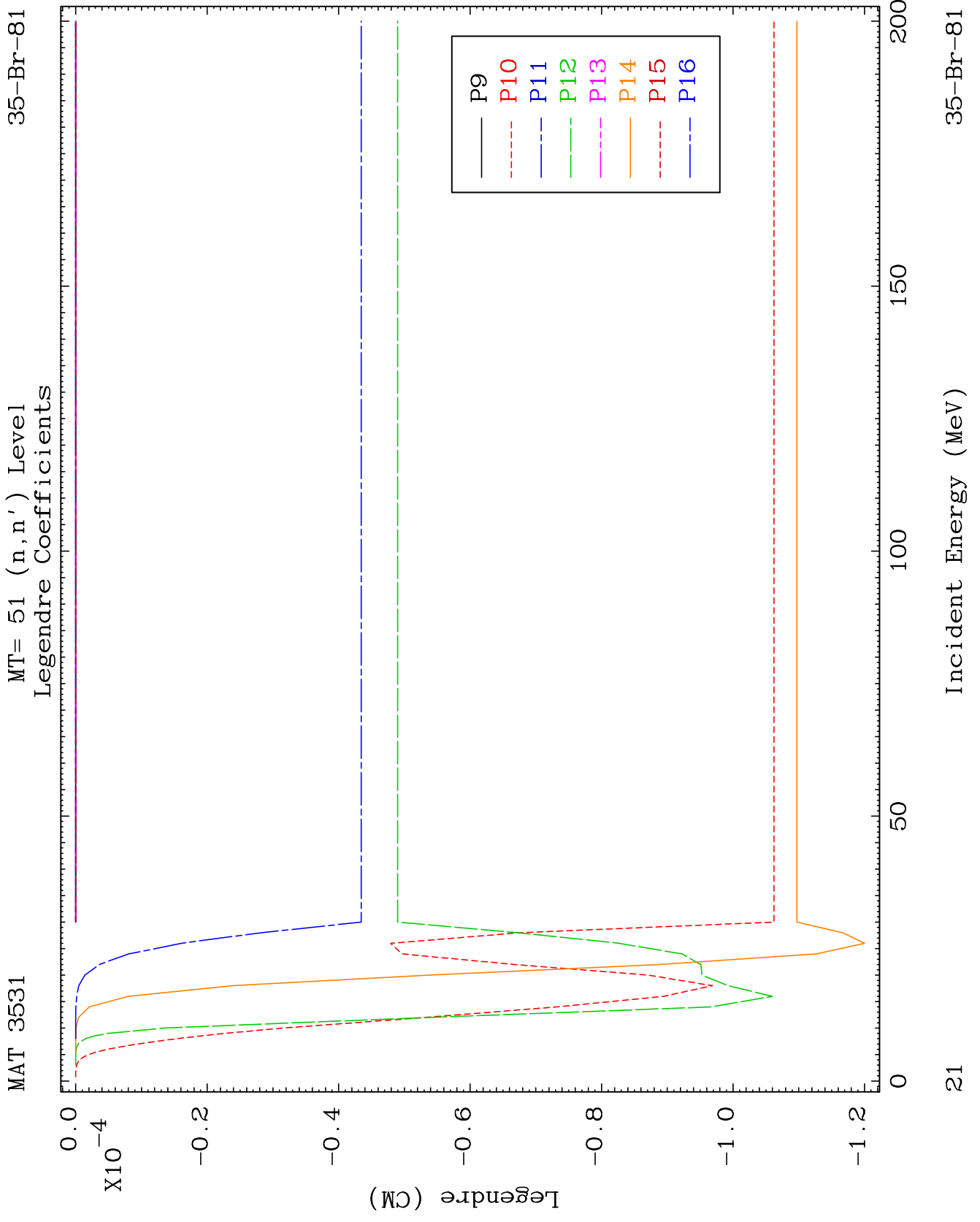
Elastic Legendre Coefficients

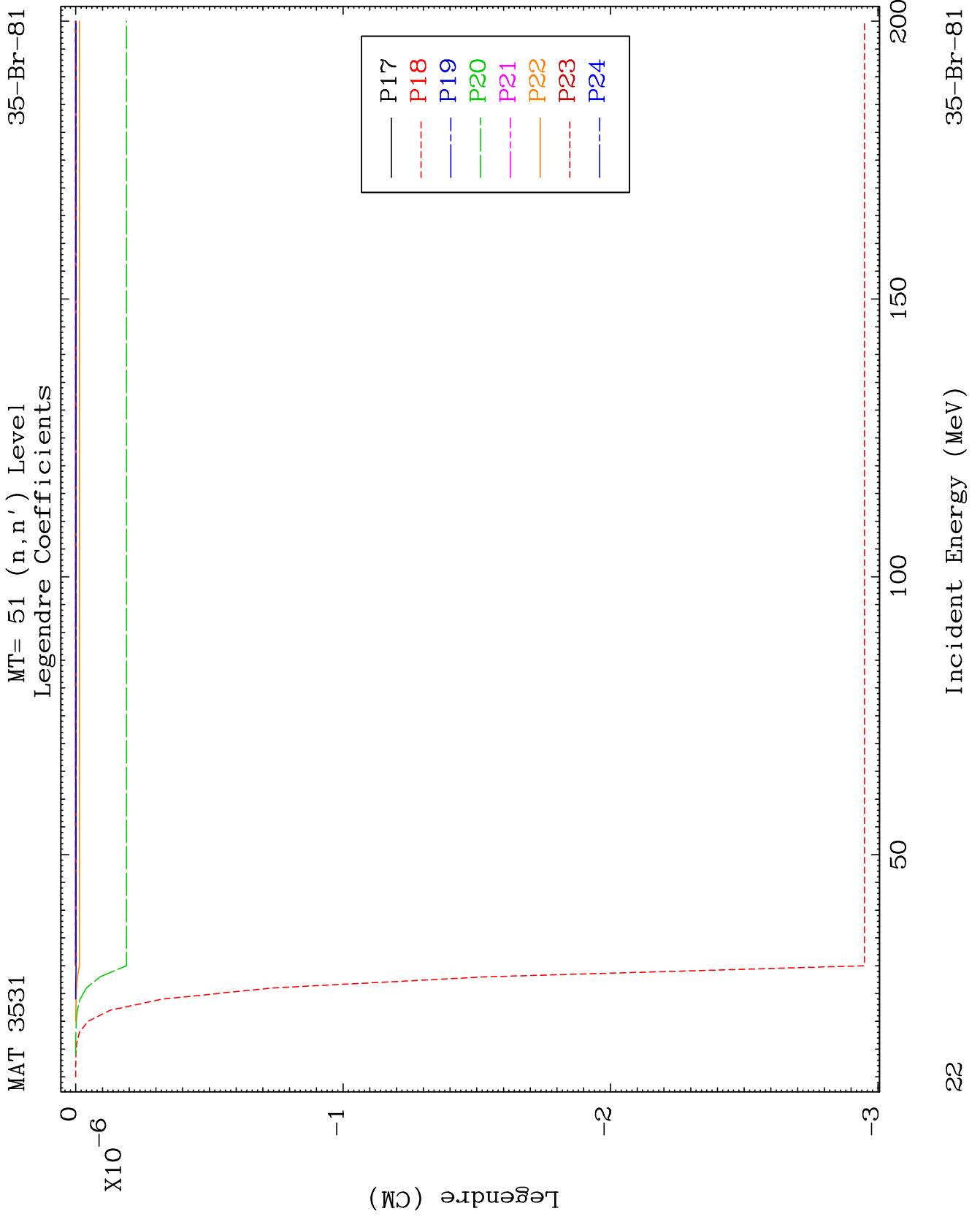


19

Incident Energy (MeV)

35-Br-81

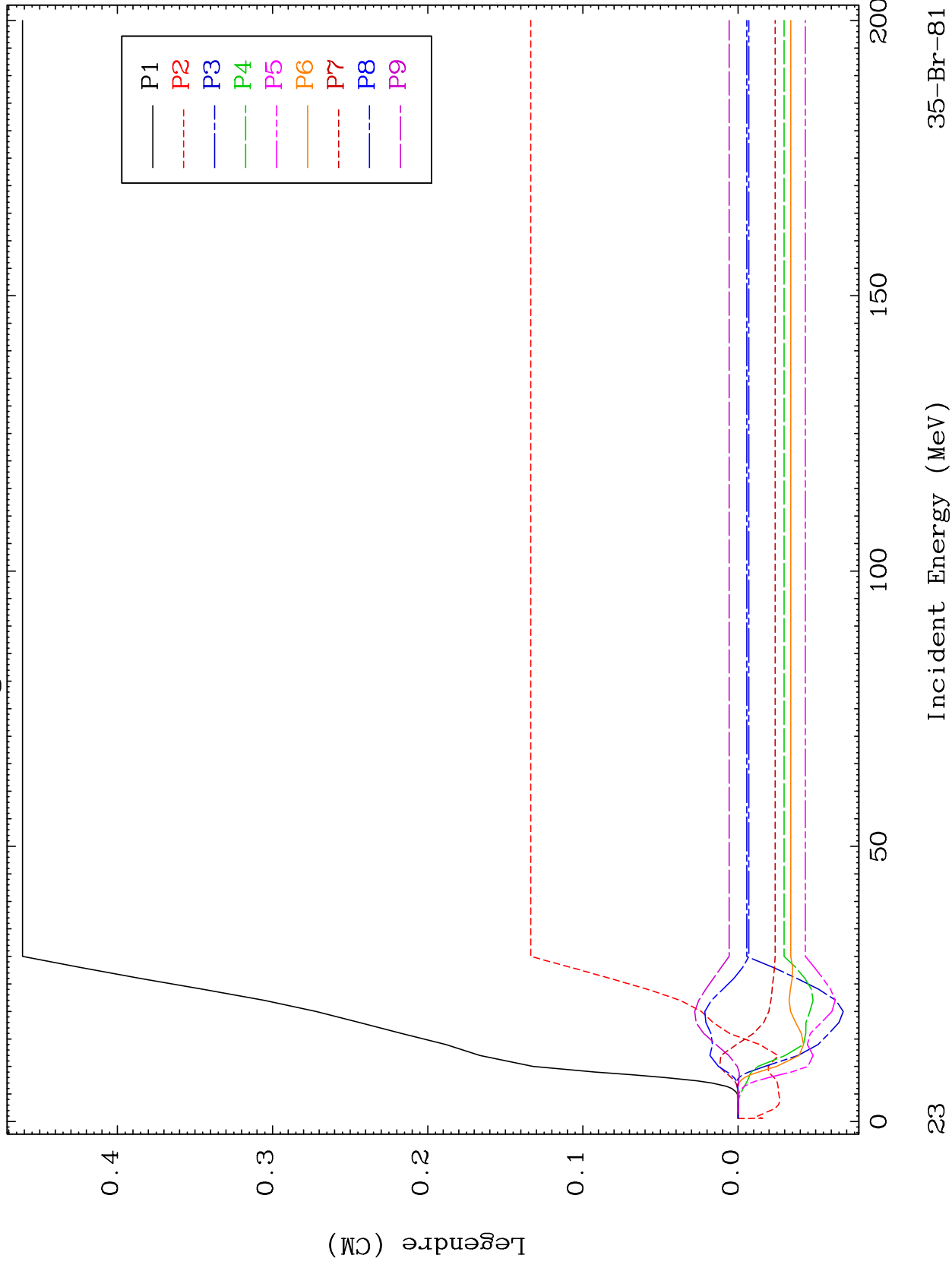




MAT 3531

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

35-Br-81



23

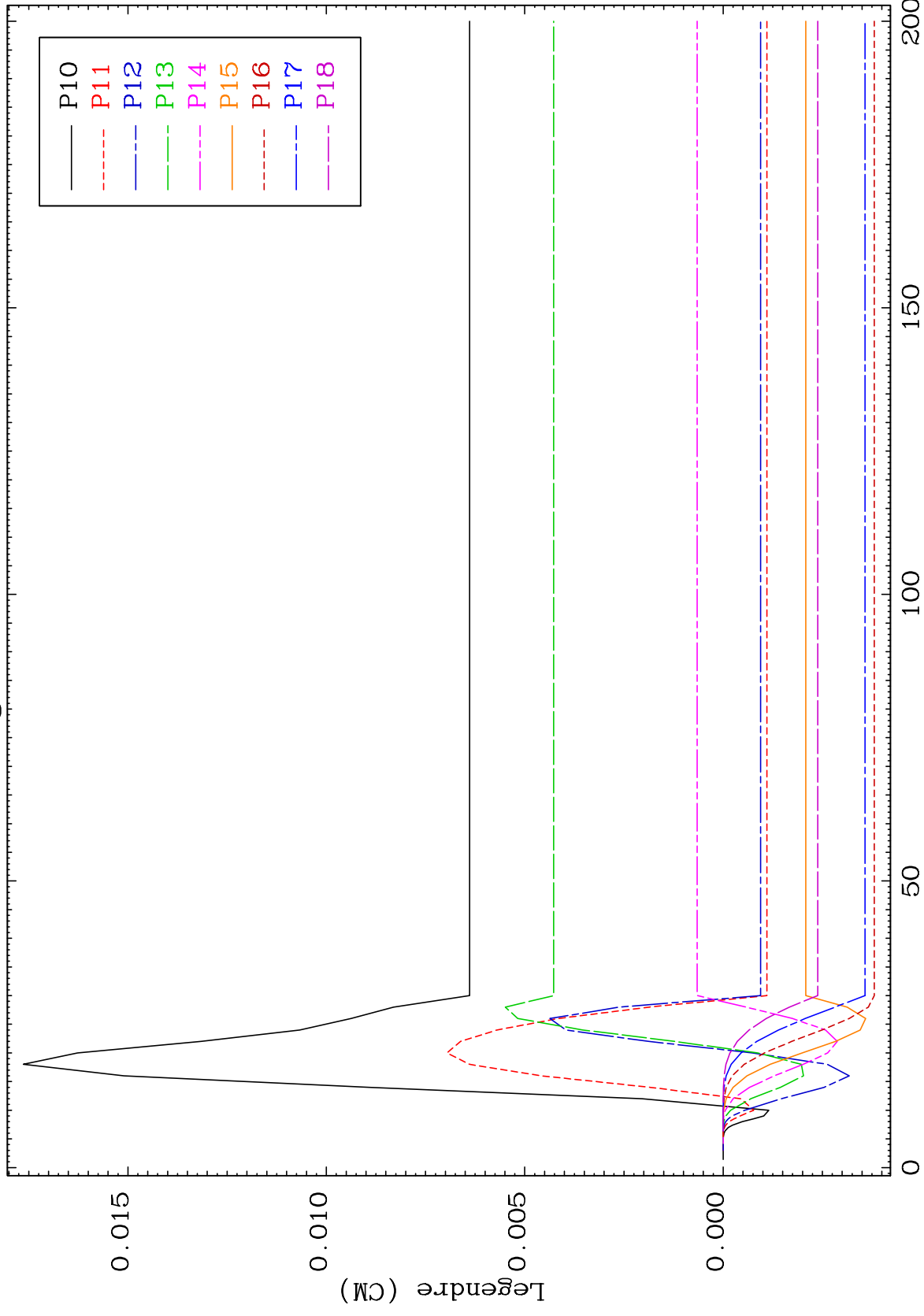
Incident Energy (MeV)

35-Br-81

MAT 3531

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

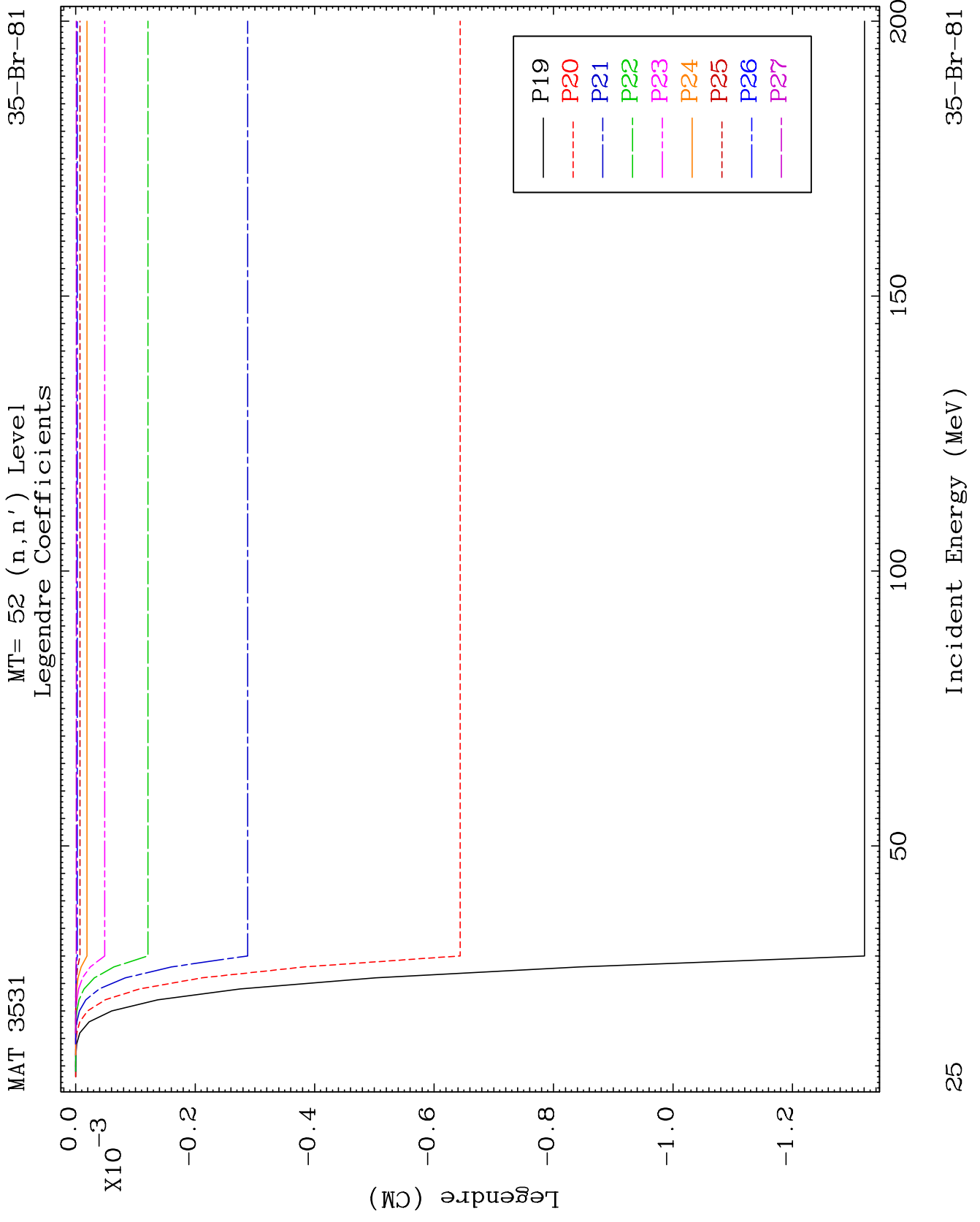
35-Br-81



24

Incident Energy (MeV)

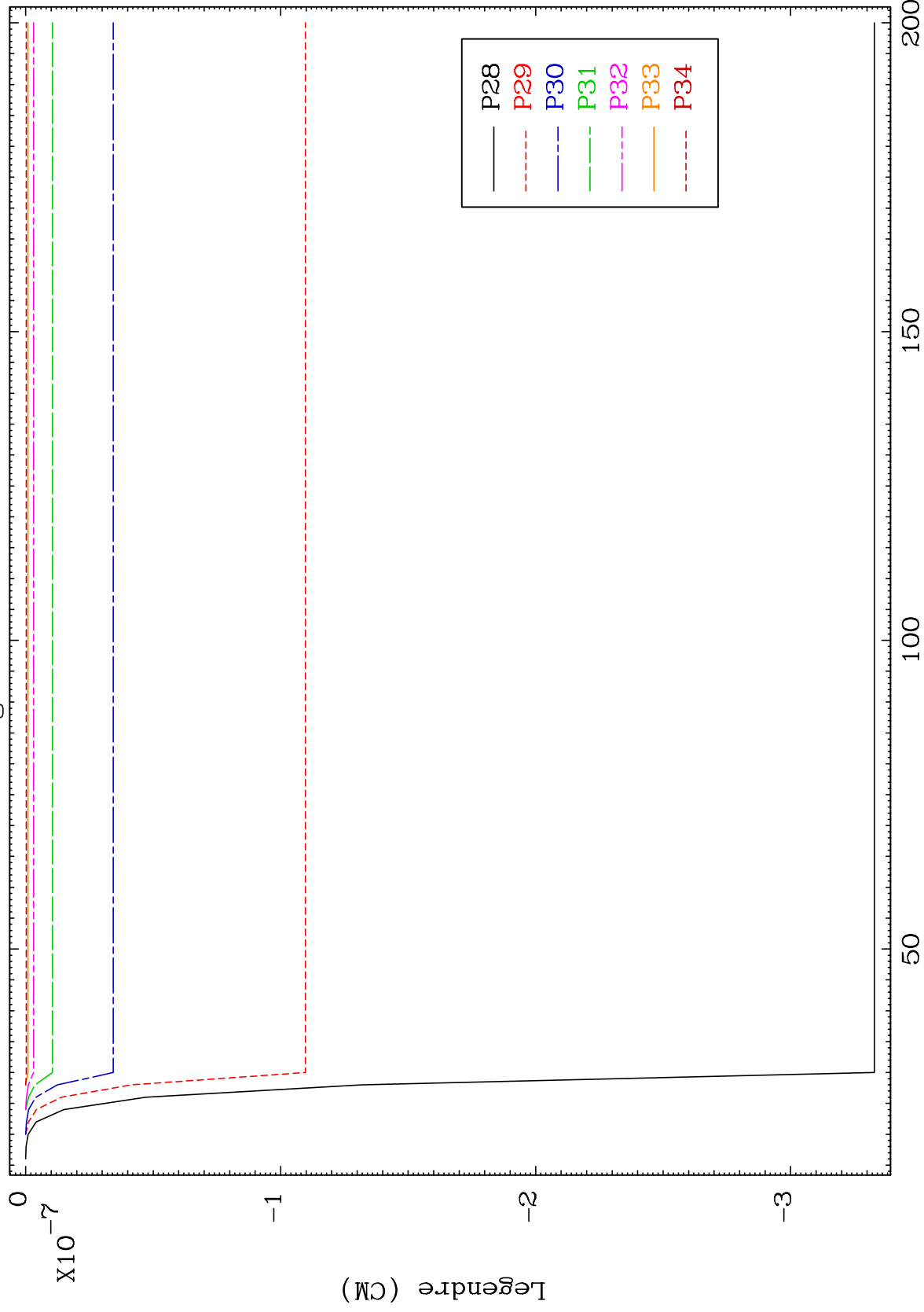
35-Br-81



MAT 3531

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

35-Br-81



26

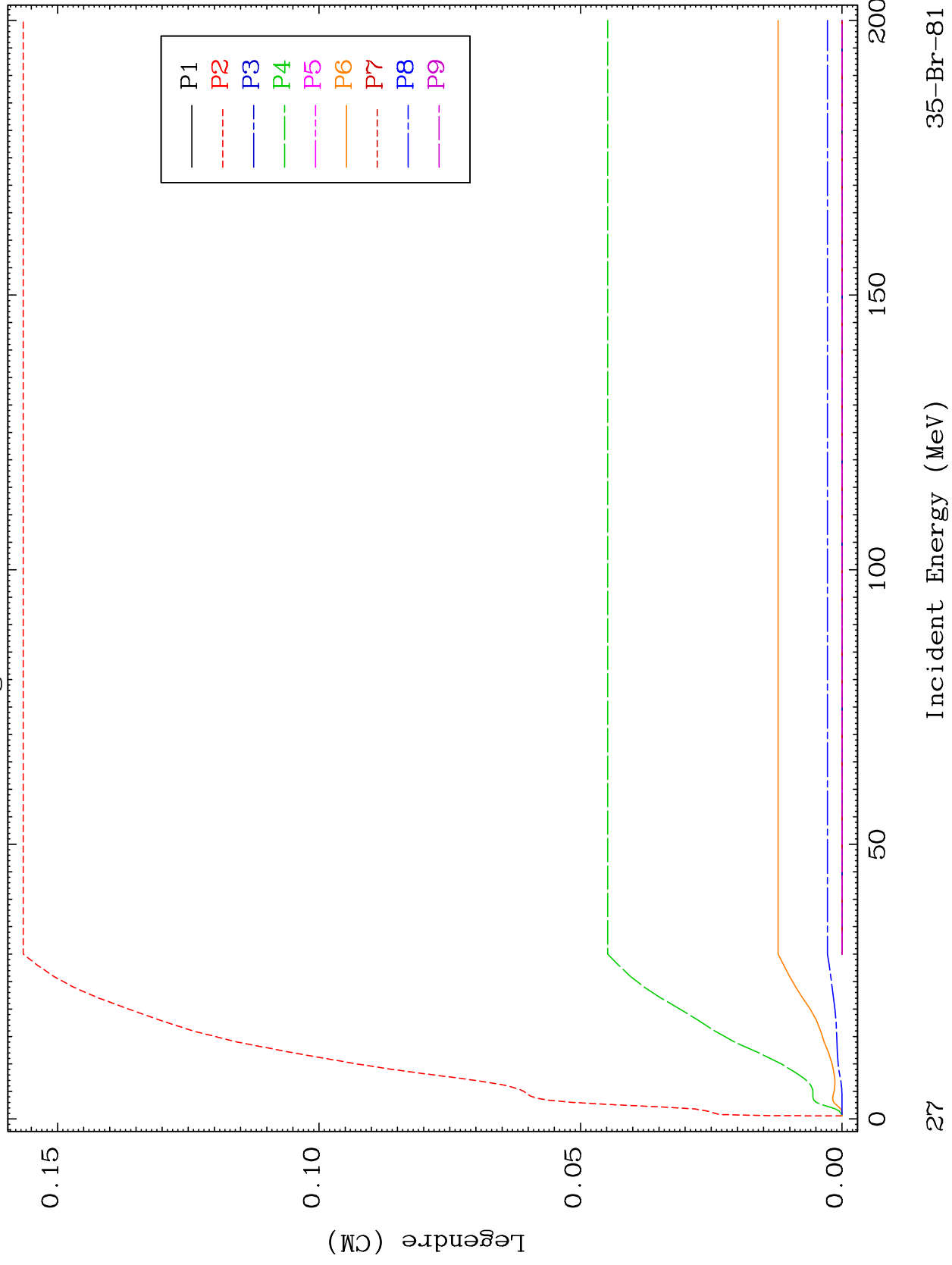
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

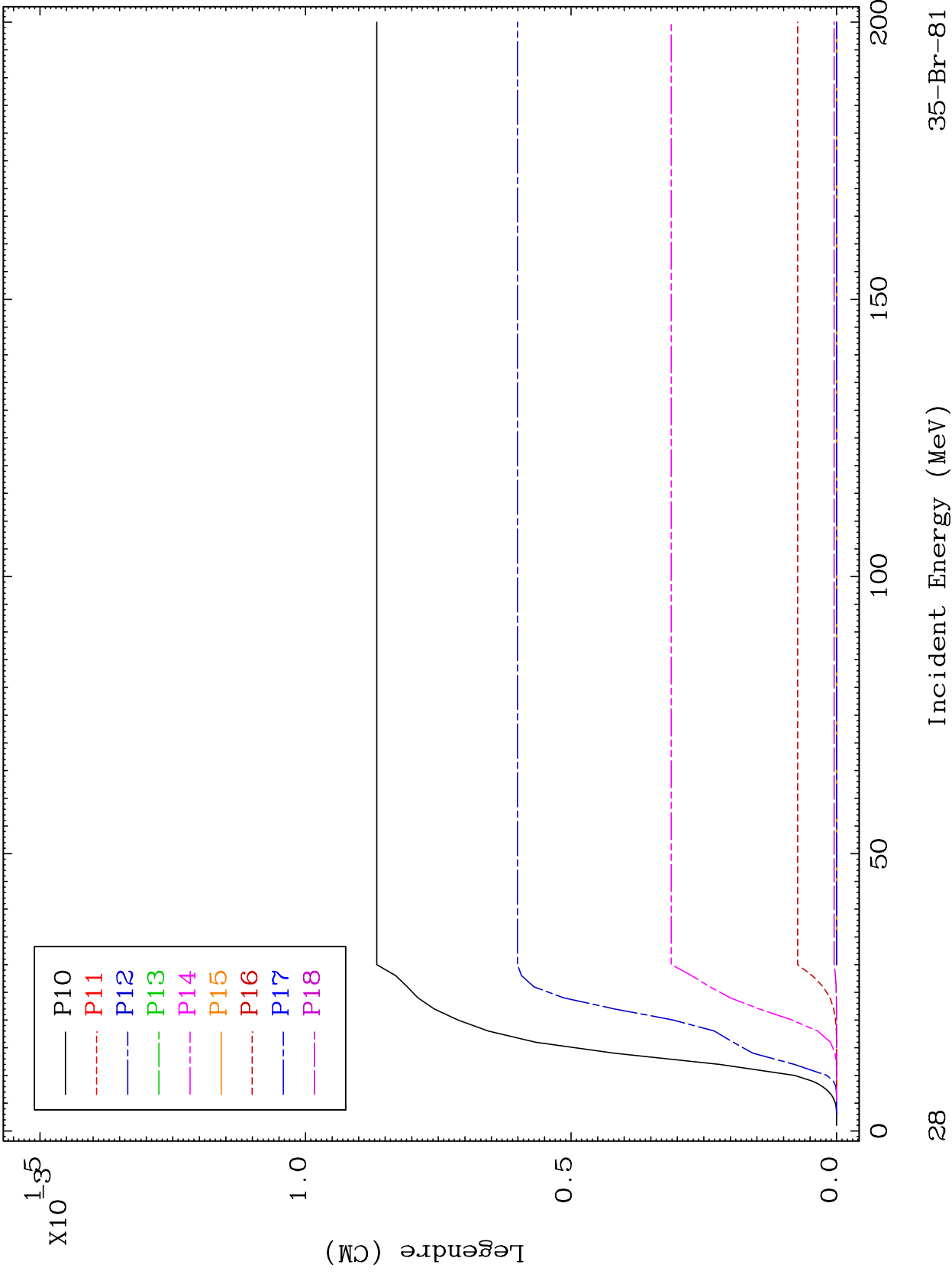


27

MAT 3531

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

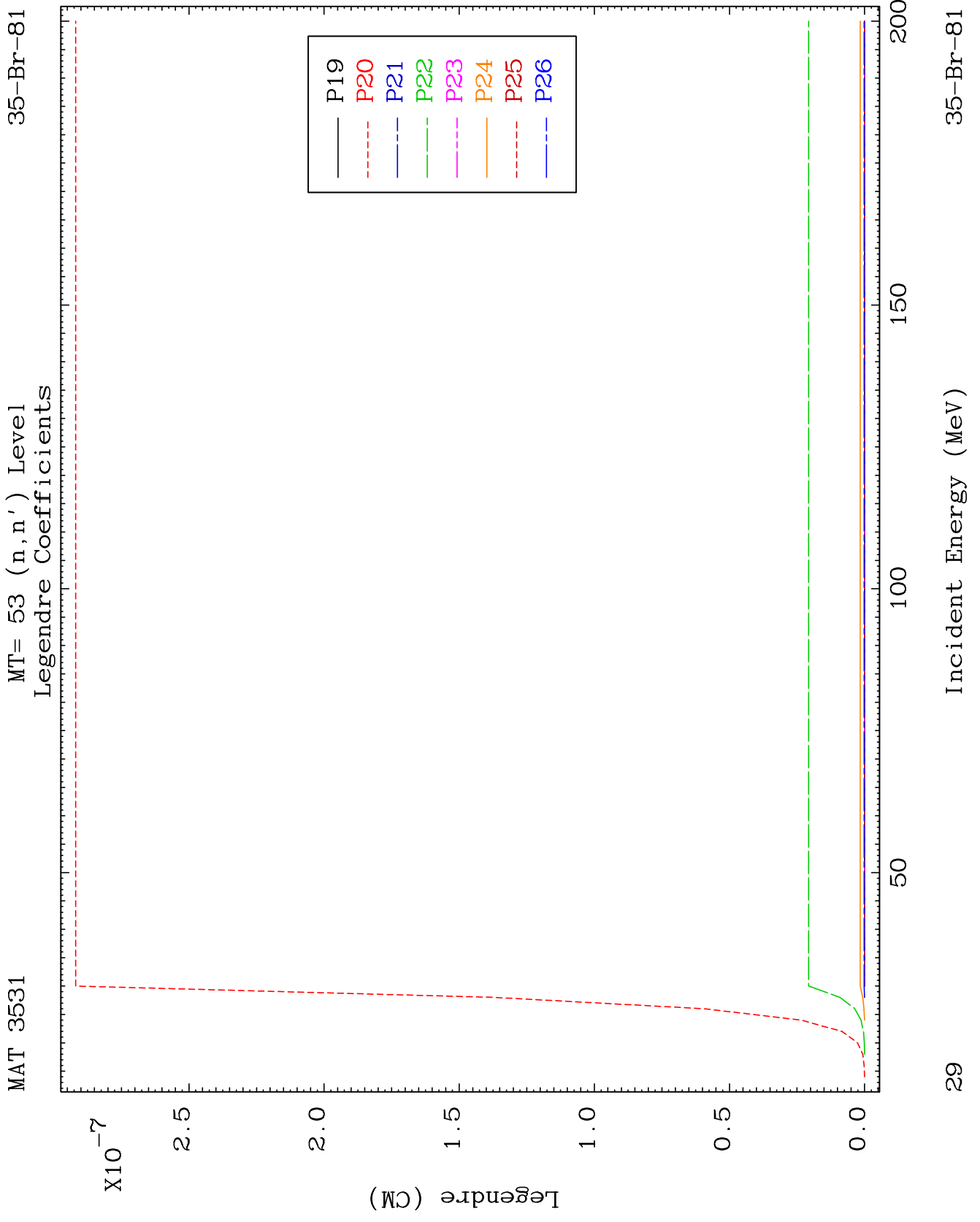
35-Br-81

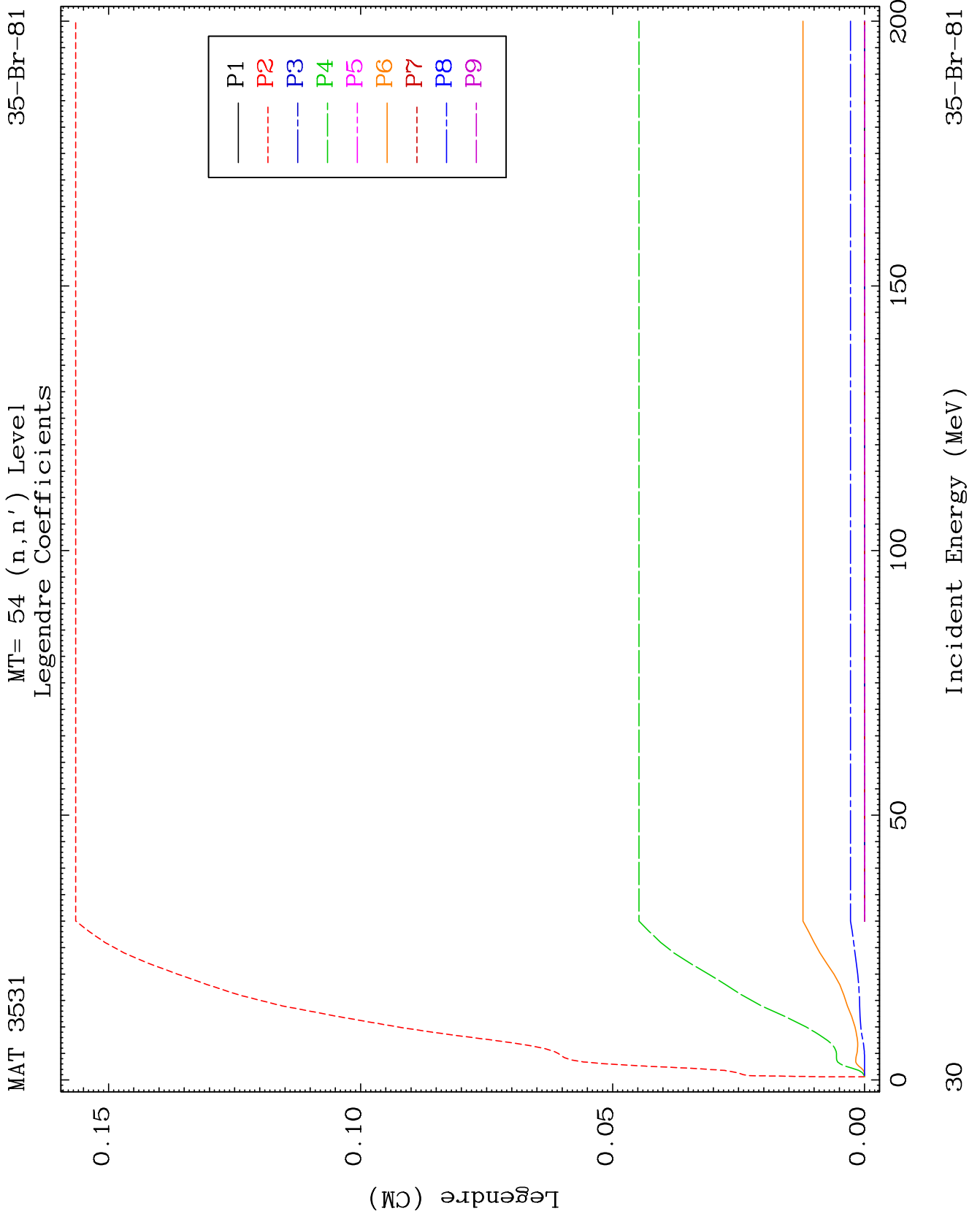


28

Incident Energy (MeV)

35-Br-81

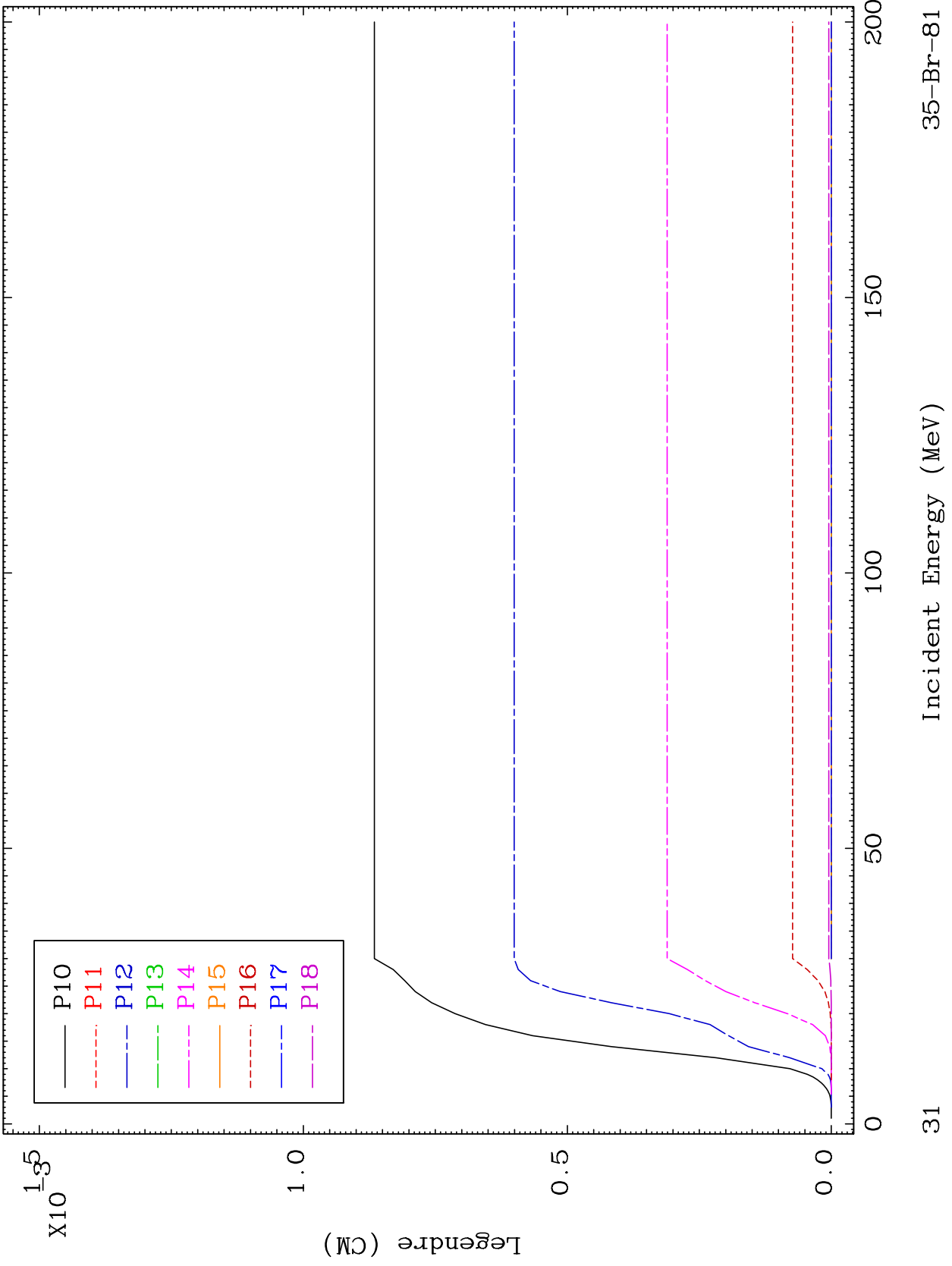




MAT 3531

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

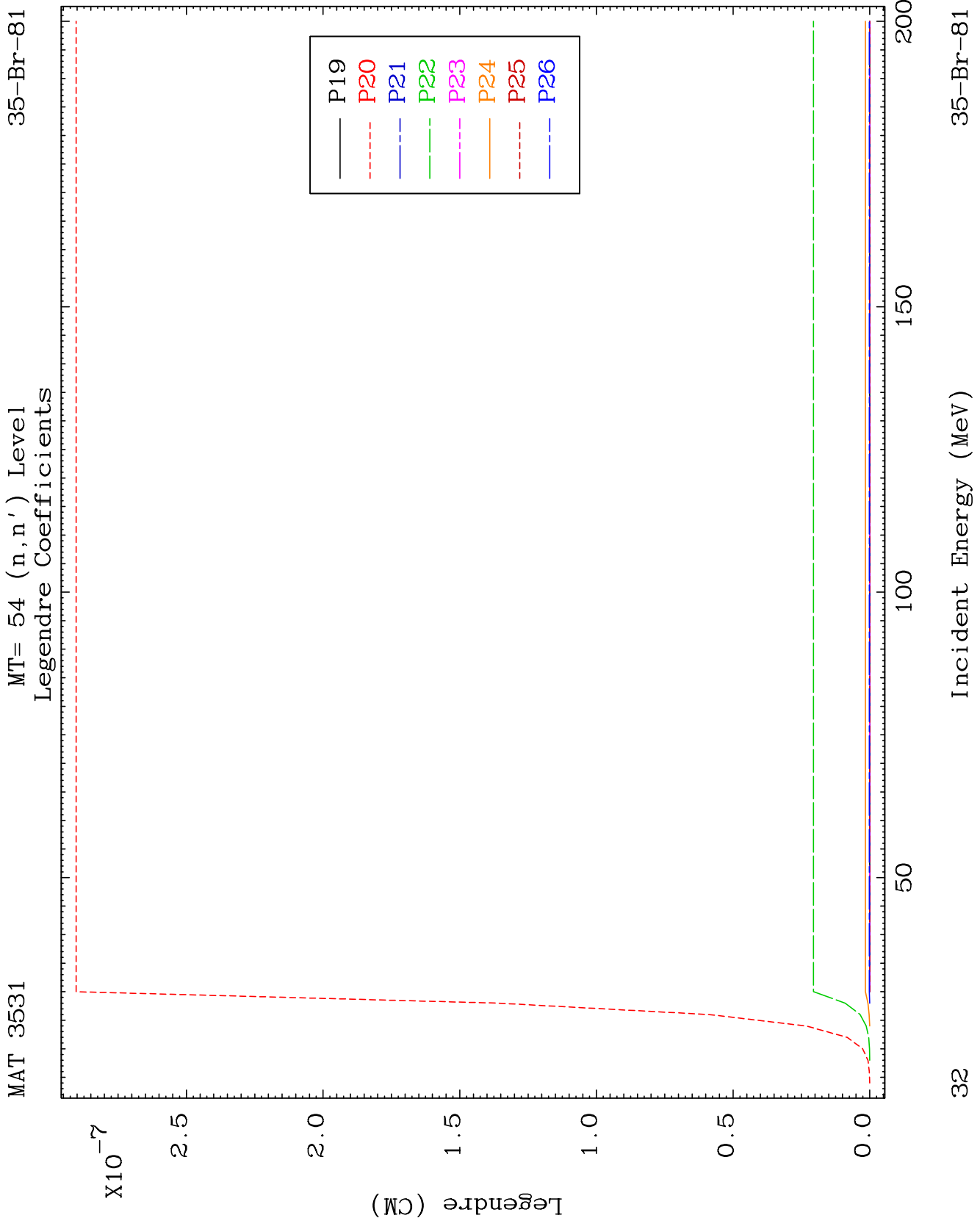
35-Br-81

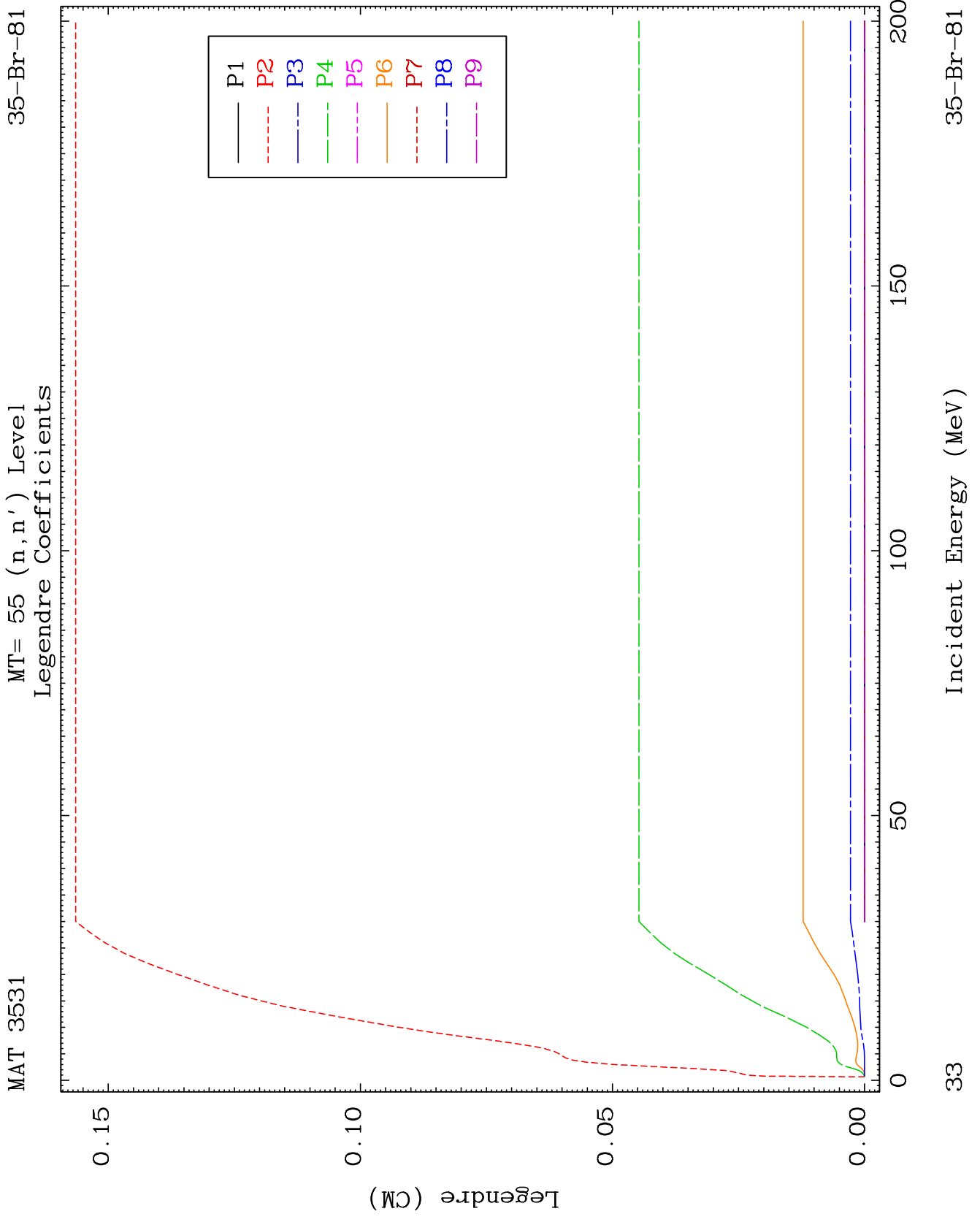


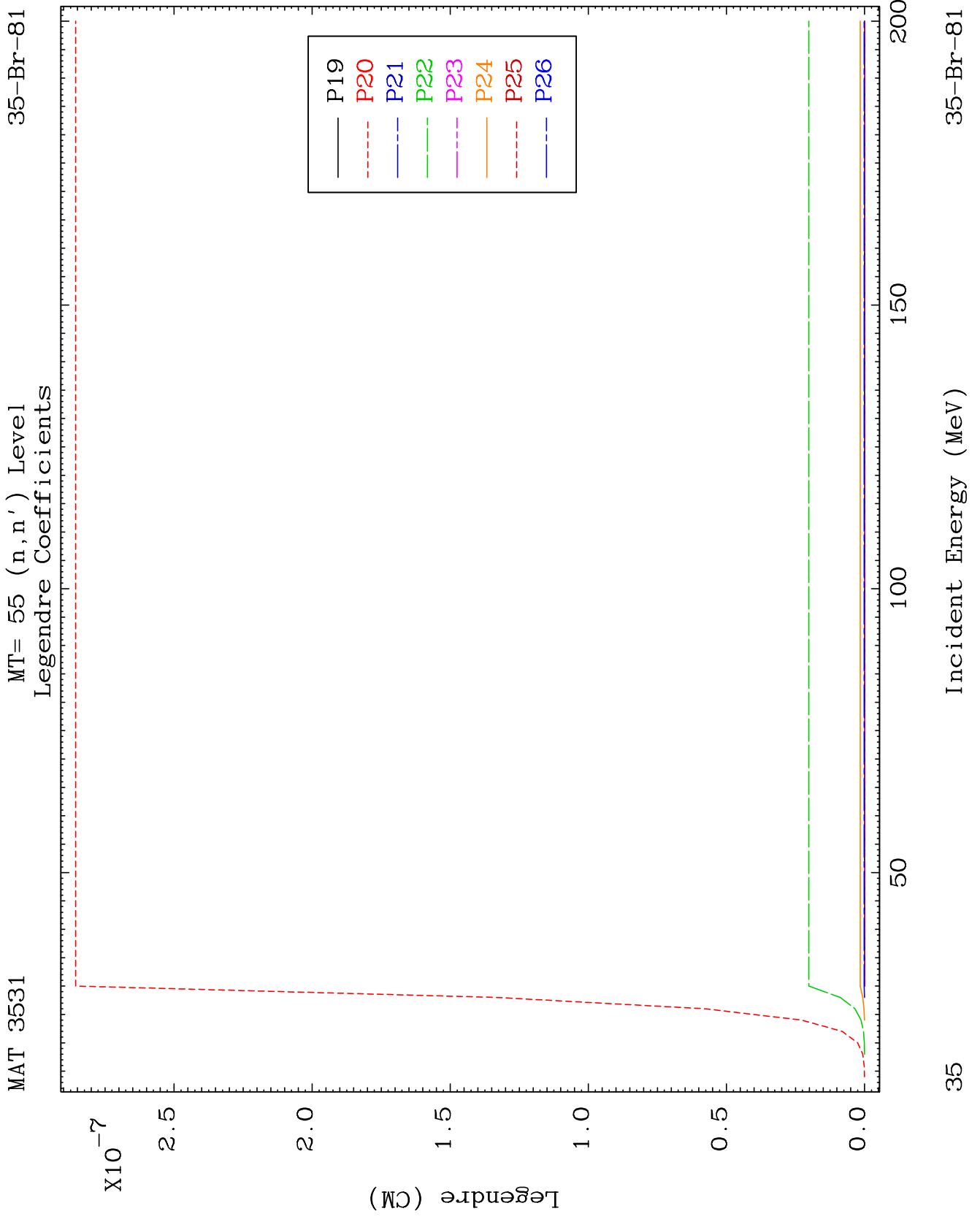
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Incident Energy (MeV)

35-Br-81



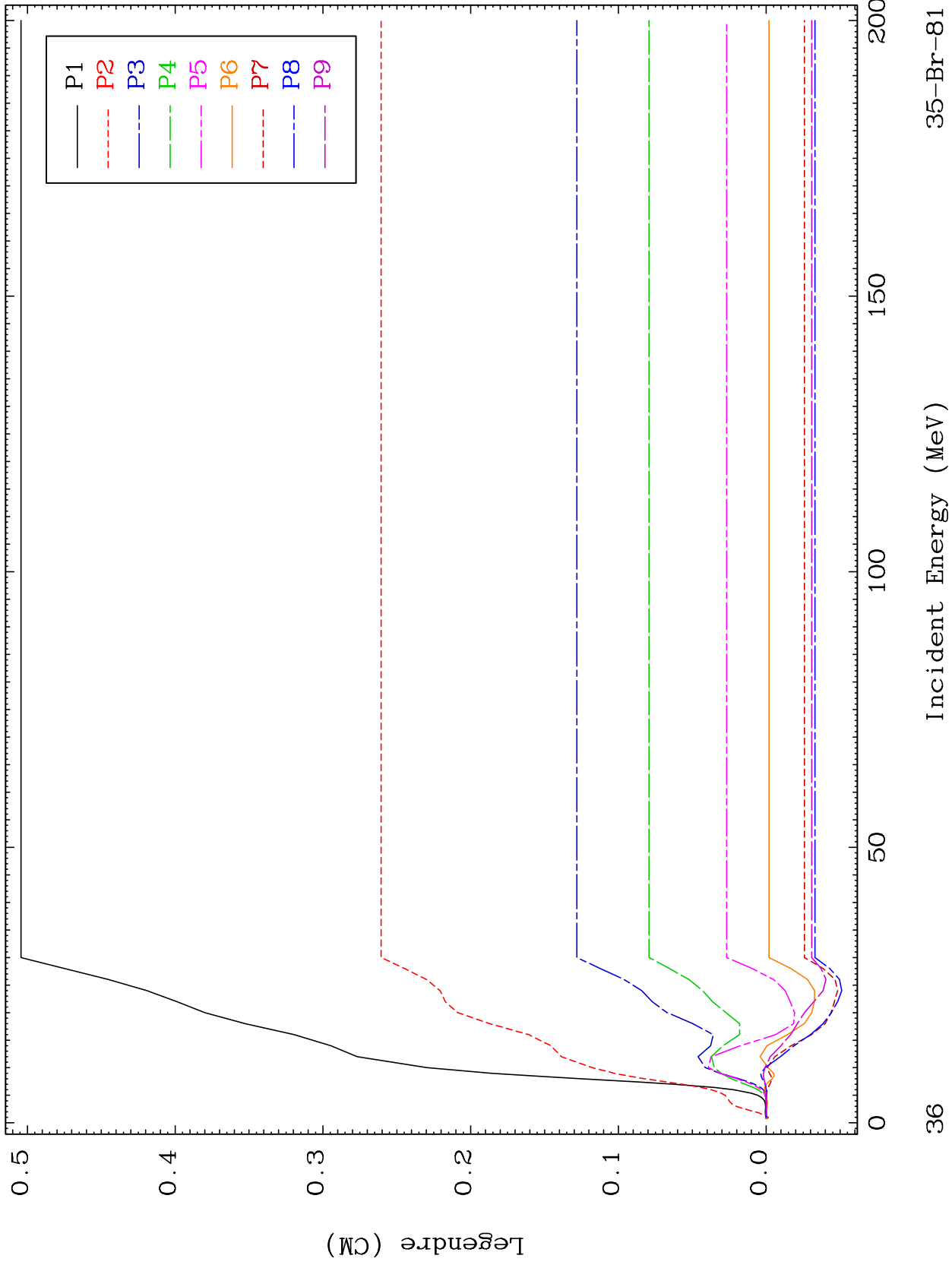




MAT 3531

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

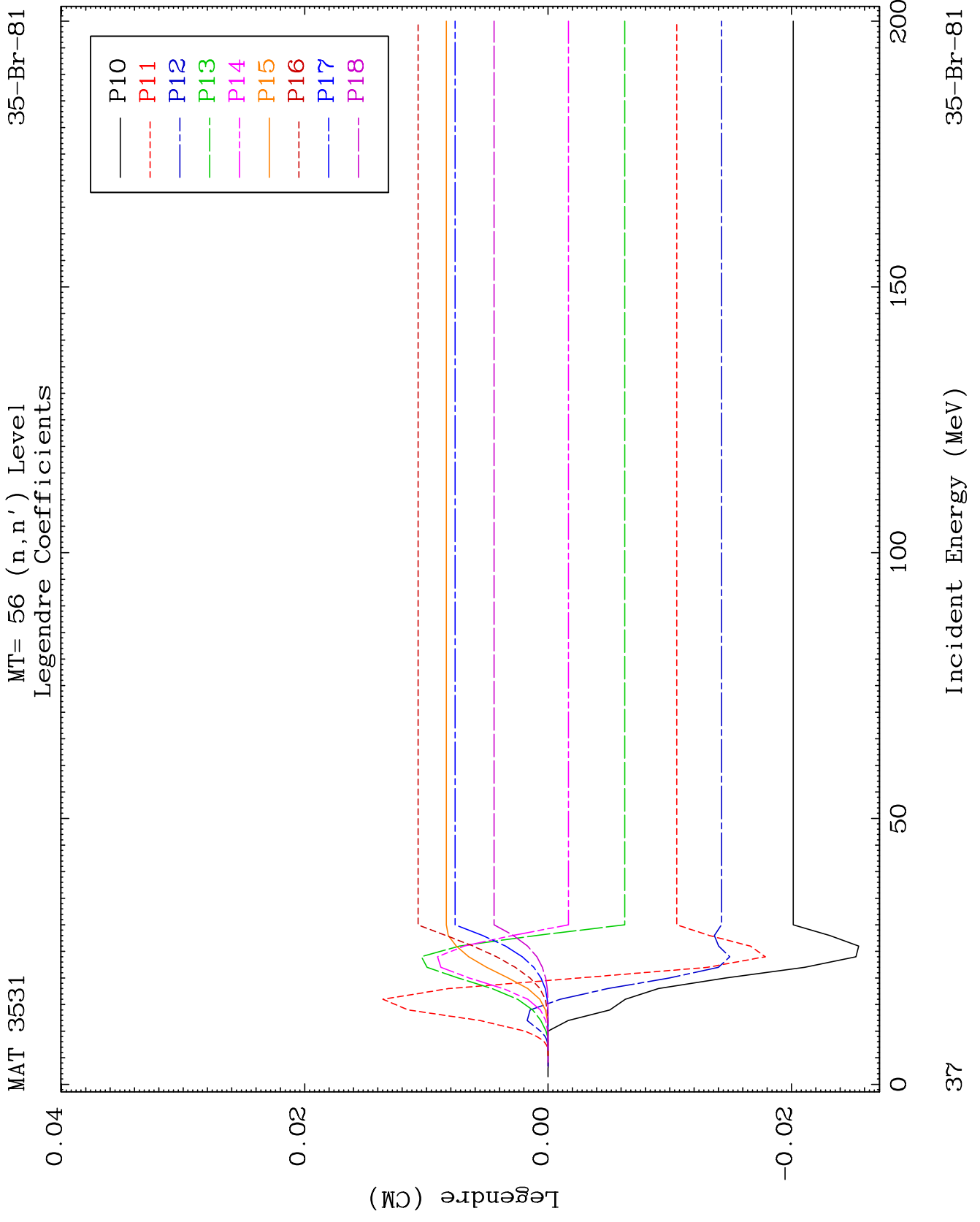
35-Br-81



35-Br-81

Incident Energy (MeV)

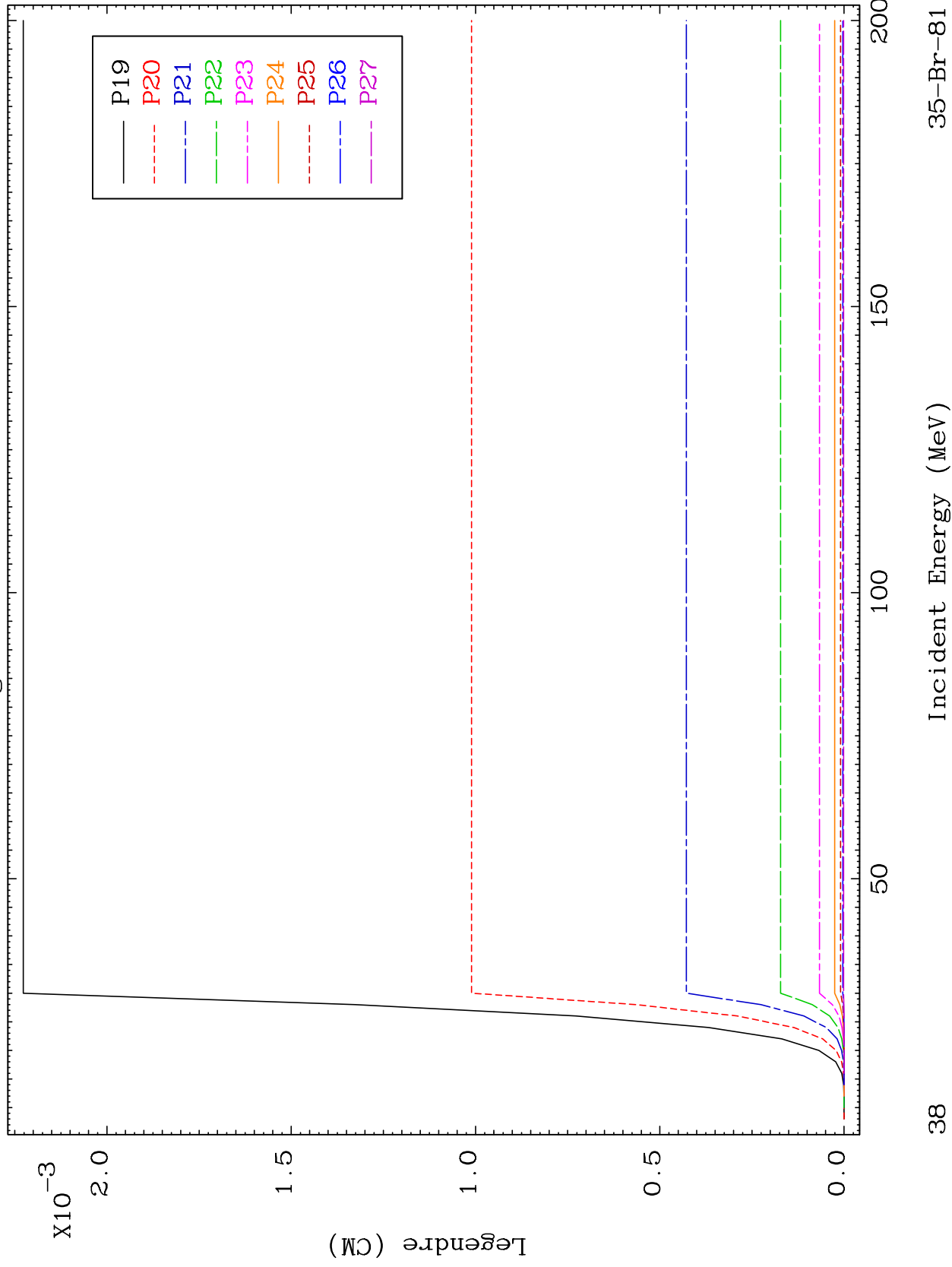
36



MAT 3531

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

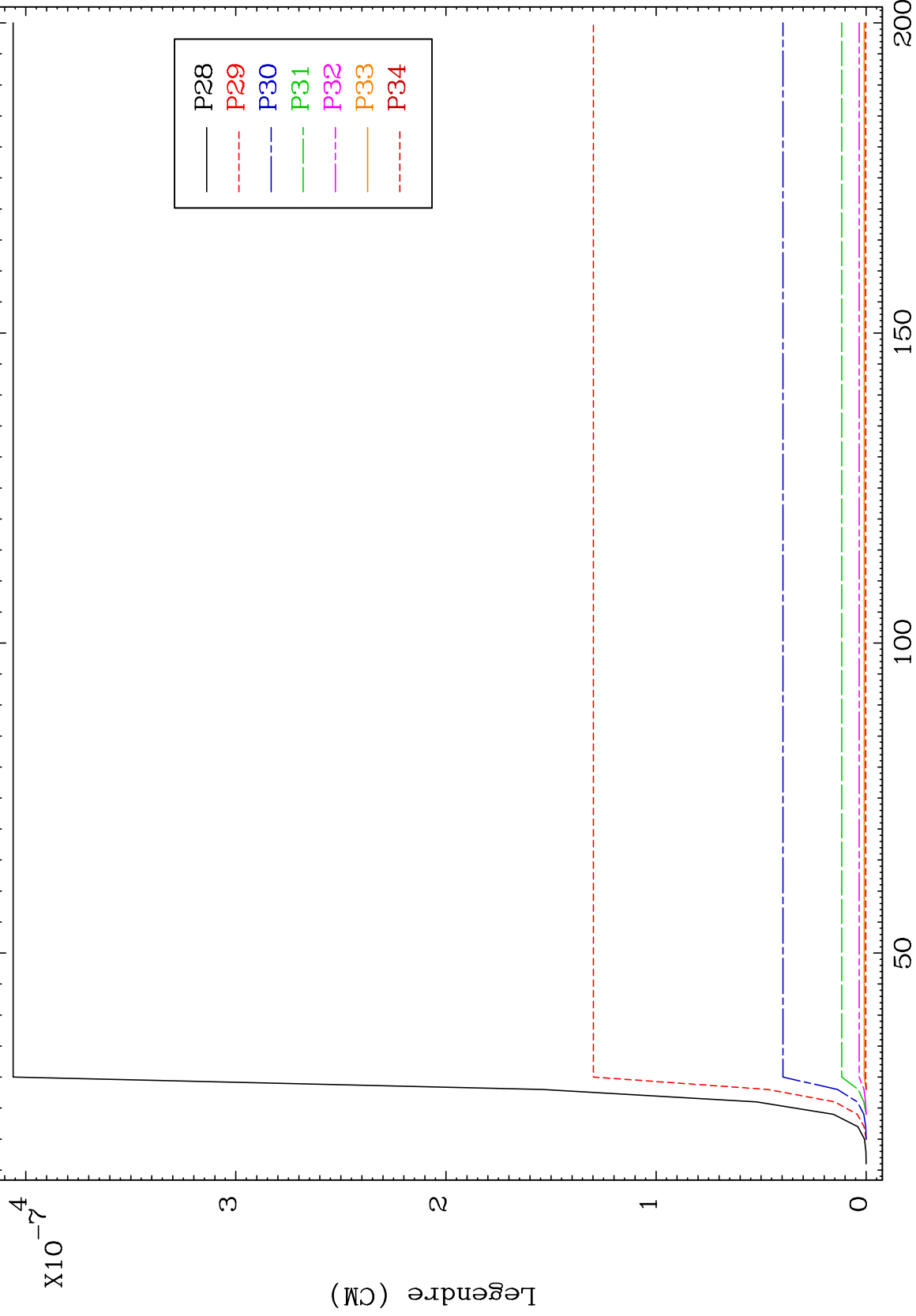
35-Br-81



MAT 3531

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

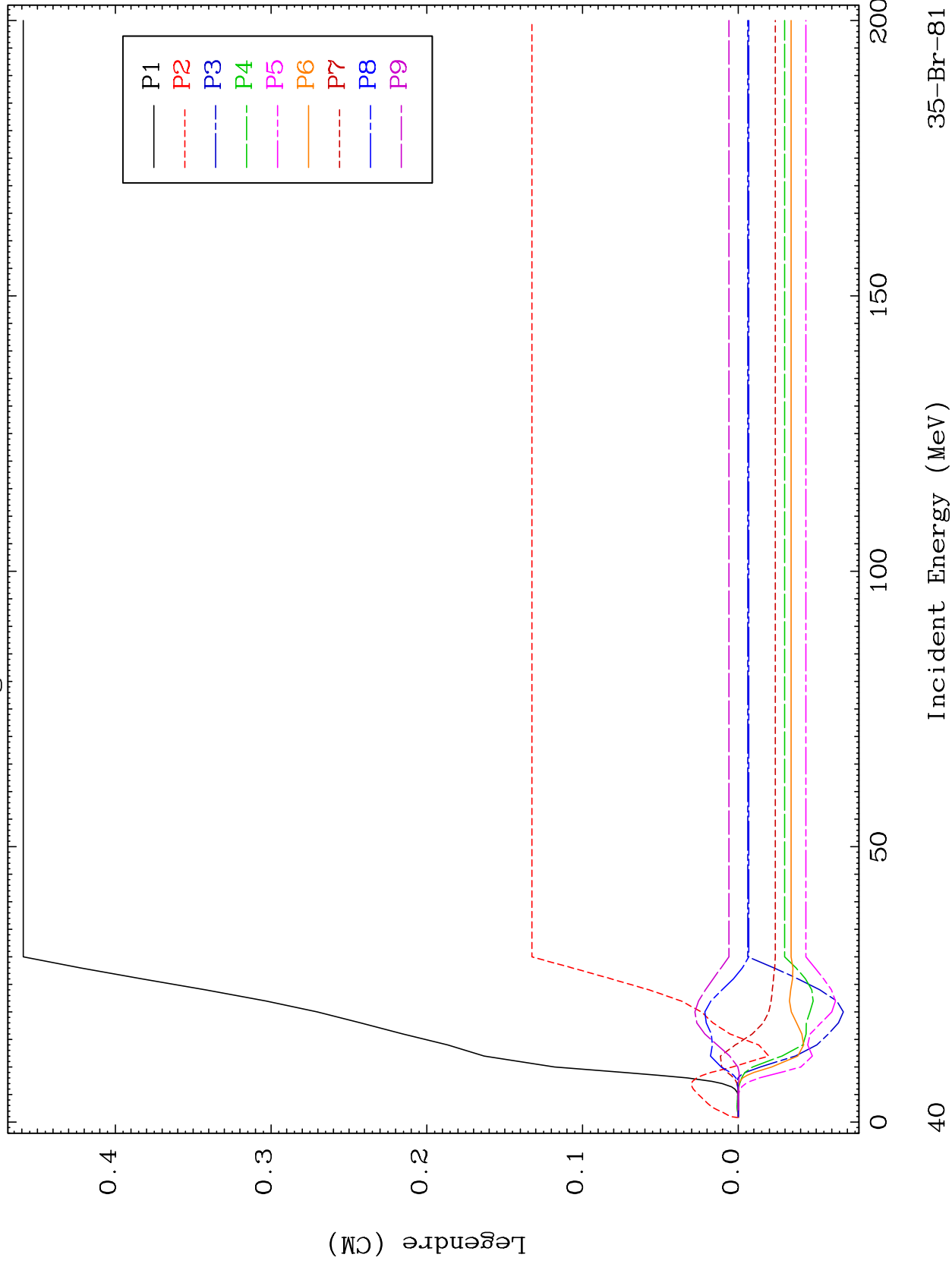
35-Br-81



MAT 3531

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

35-Br-81



35-Br-81

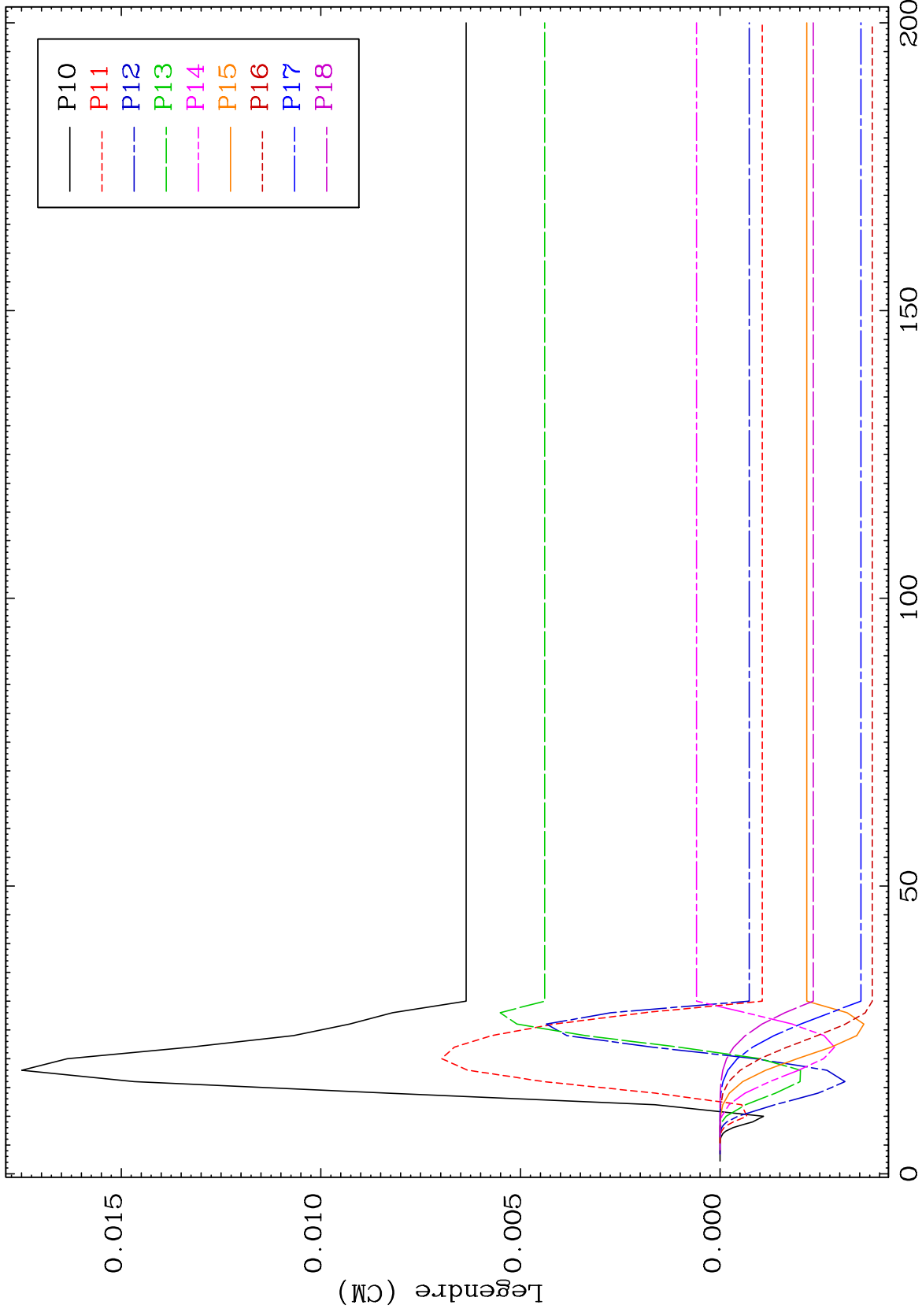
Incident Energy (MeV)

40

MAT 3531

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

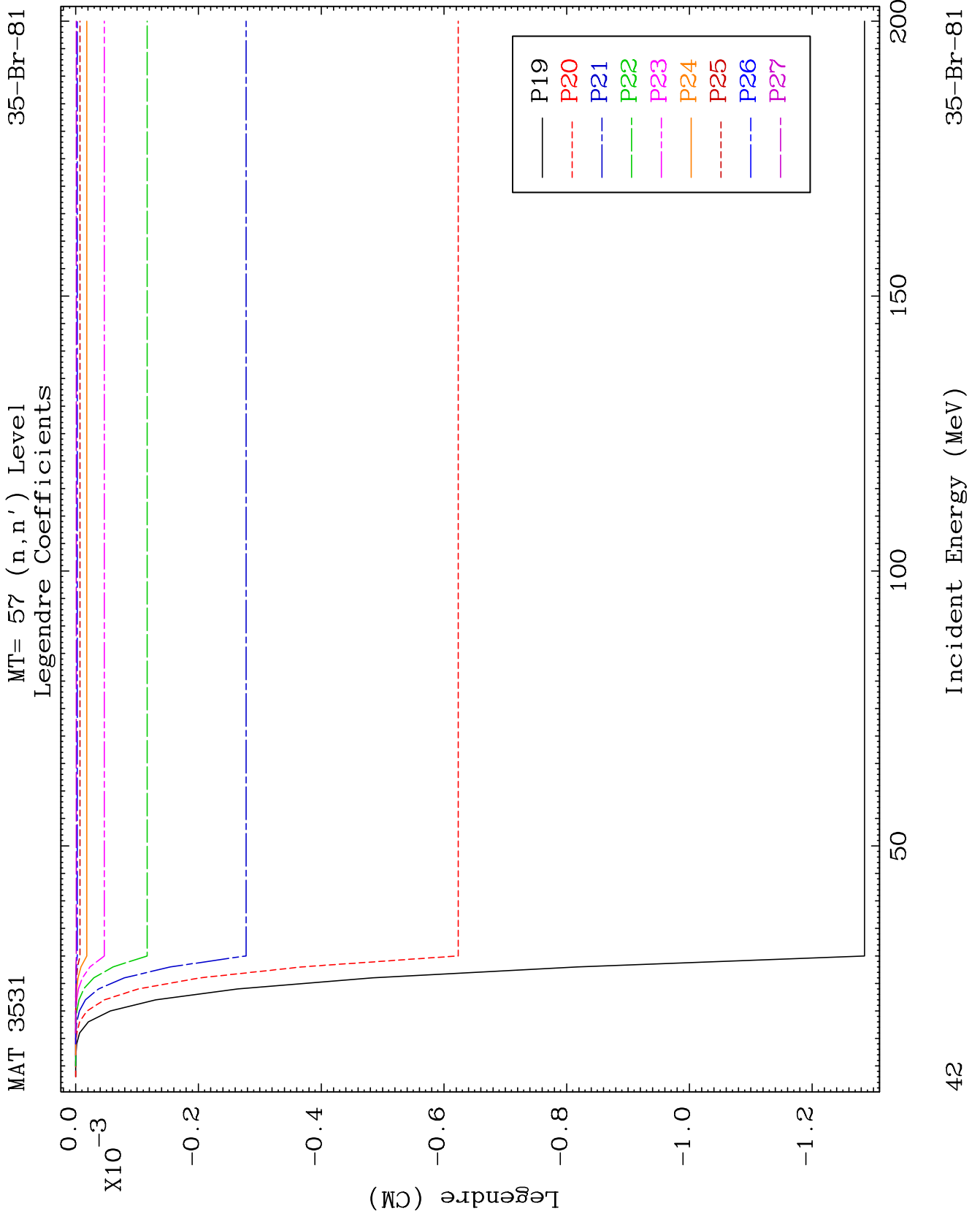
35-Br-81



41

Incident Energy (MeV)

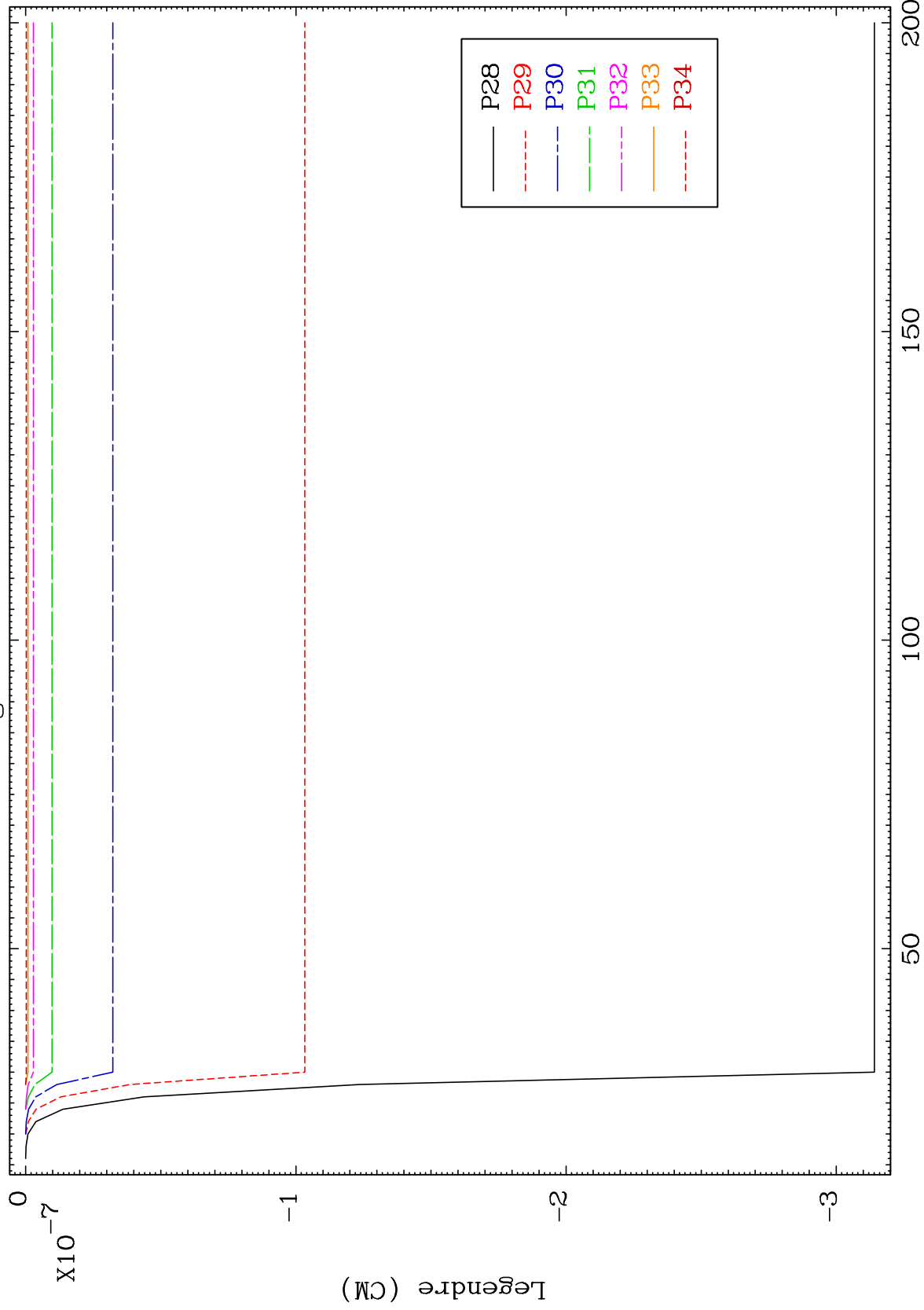
35-Br-81



MAT 3531

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

35-Br-81



43

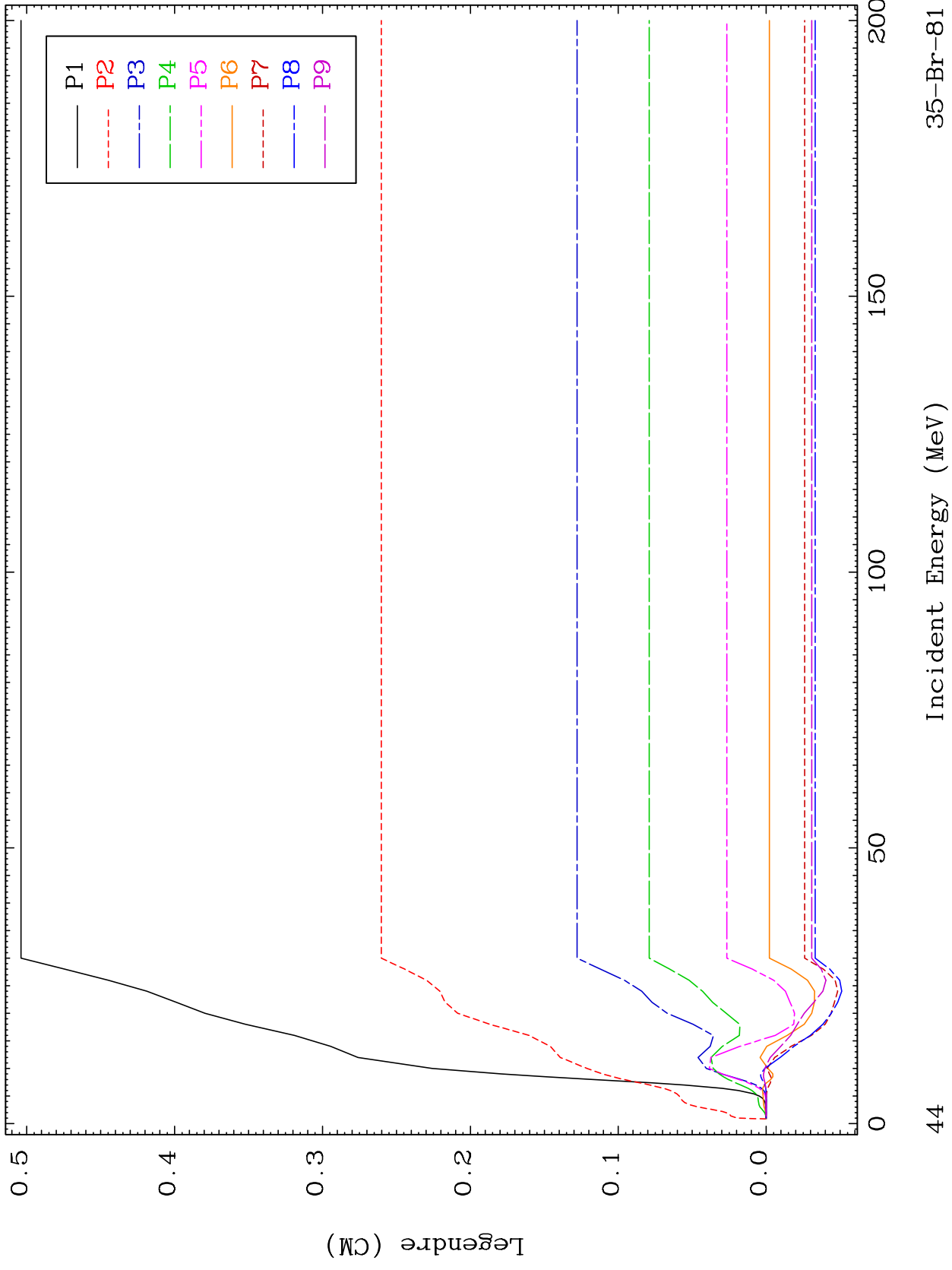
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



44

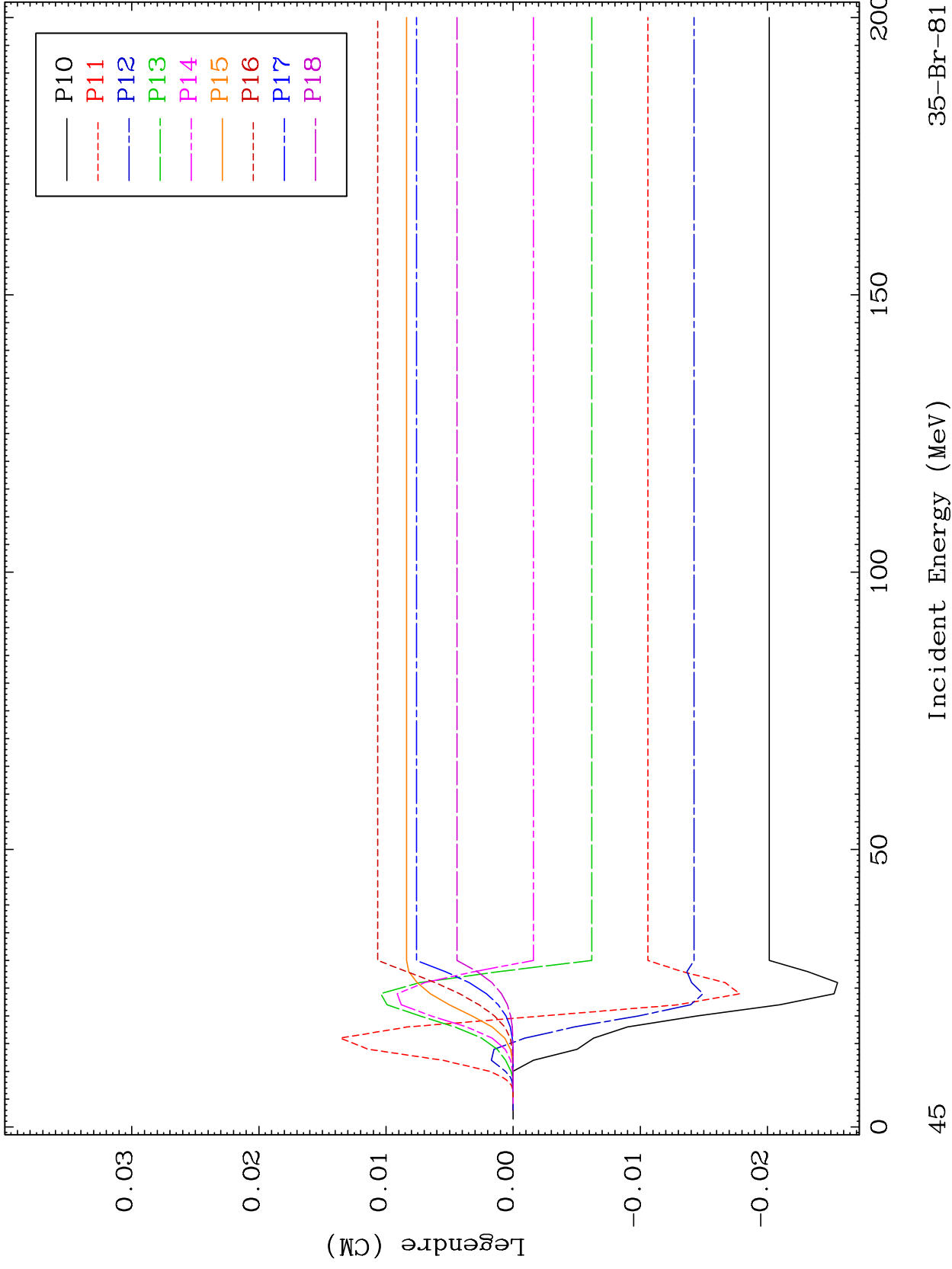
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



35-Br-81

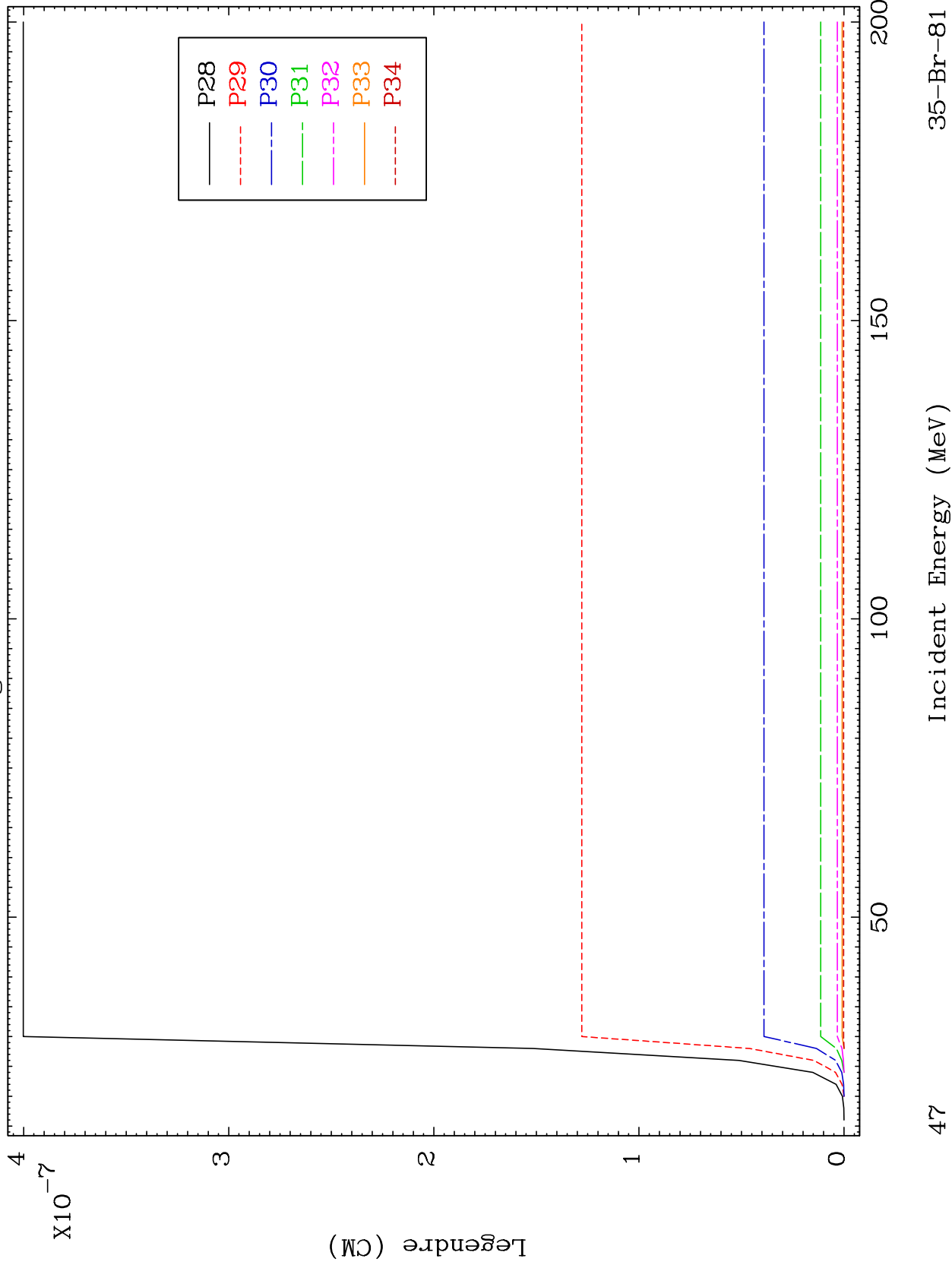
Incident Energy (MeV)

45

MAT 3531

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

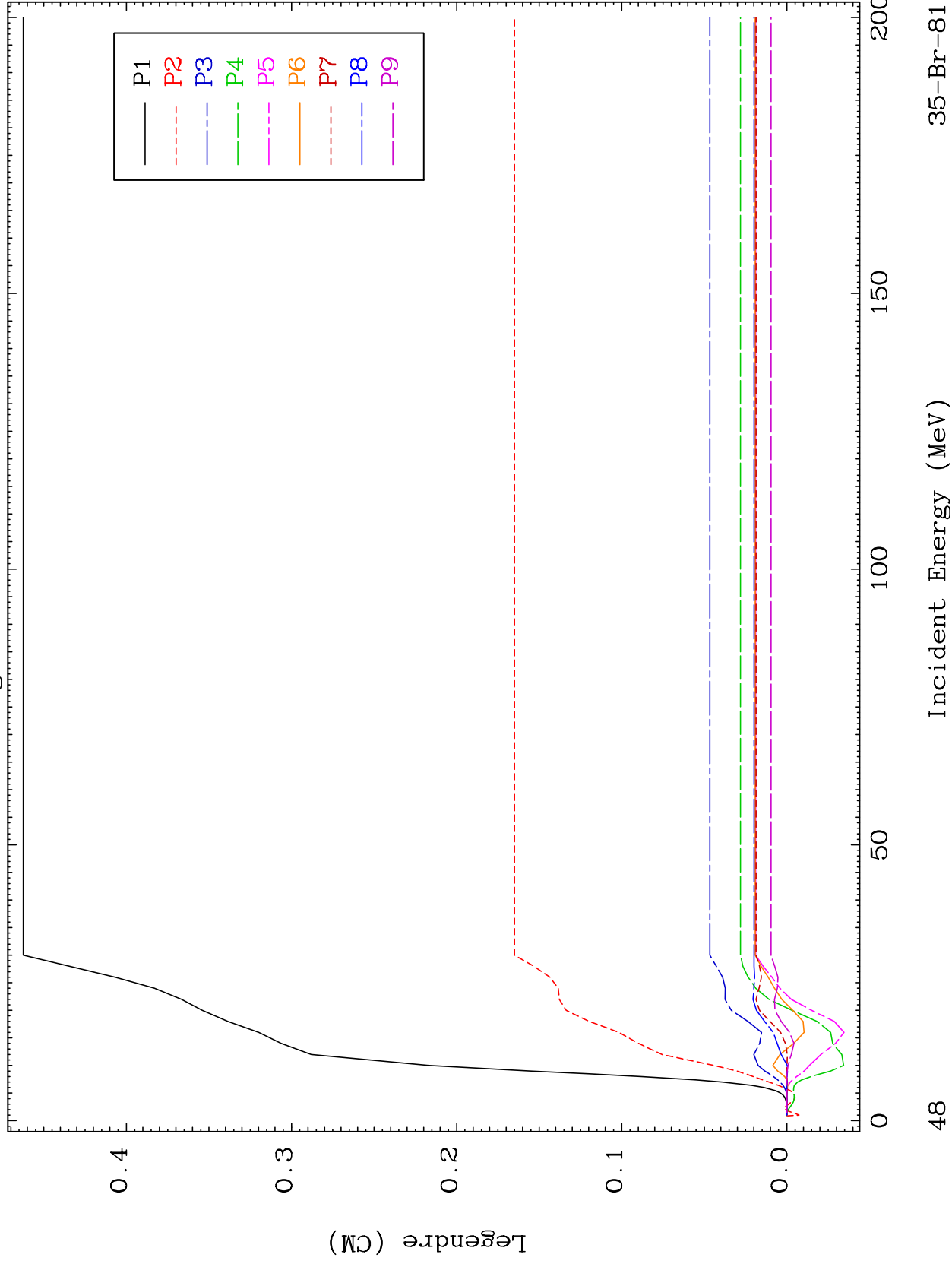
35-Br-81



MAT 3531

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

35-Br-81



35-Br-81

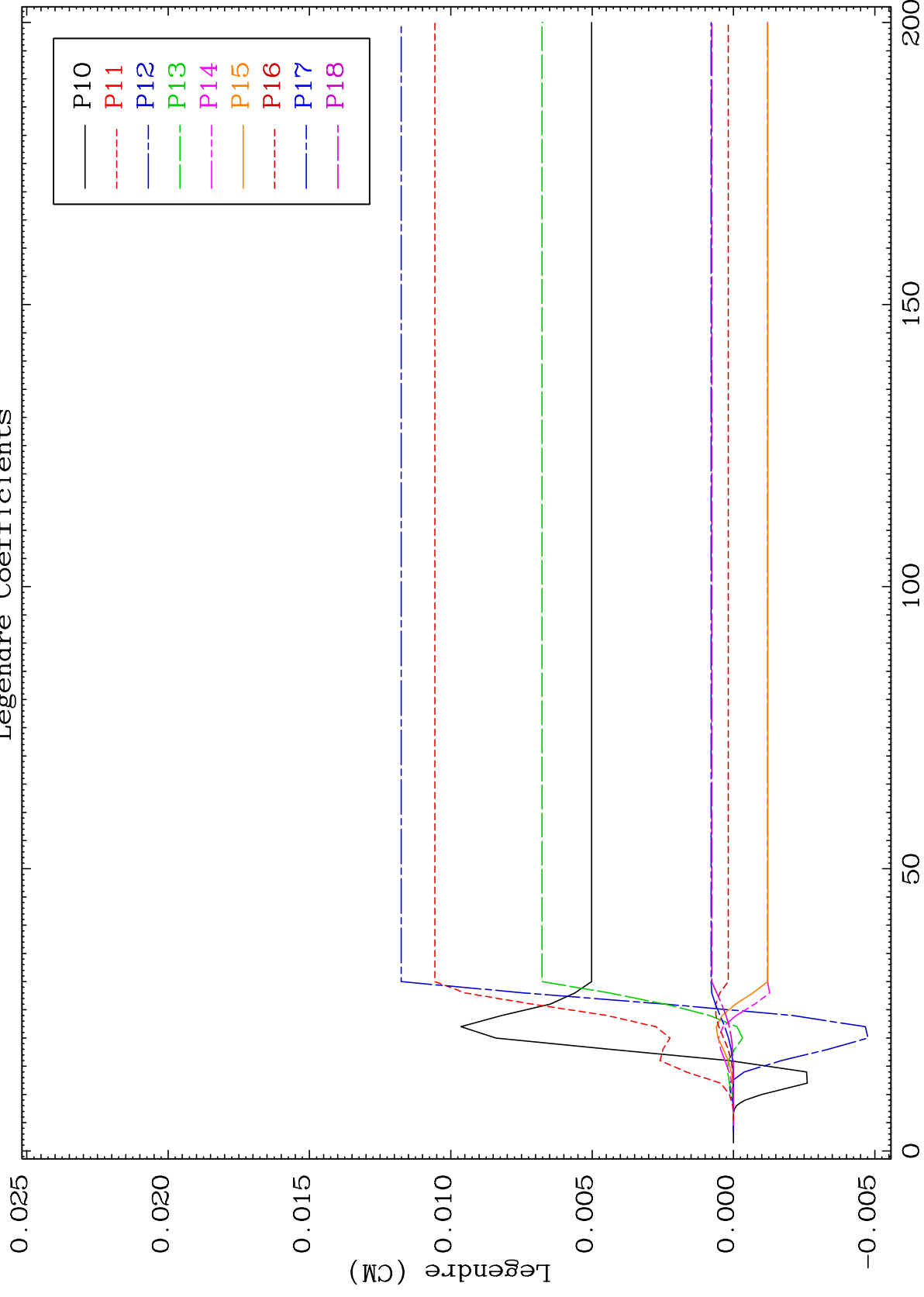
Incident Energy (MeV)

48

MAT 3531

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

35-Br-81



49

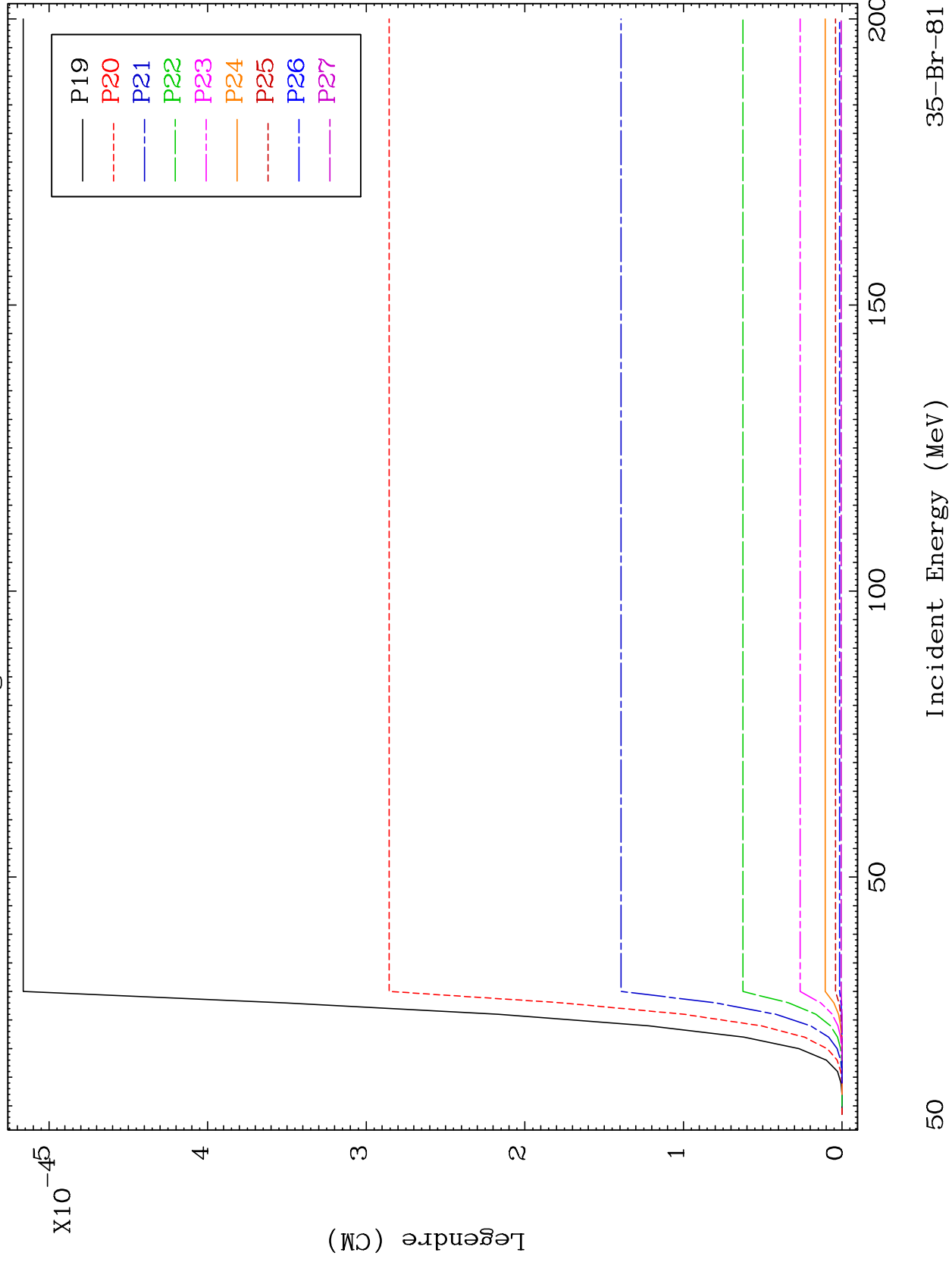
Incident Energy (MeV)

35-Br-81

MAT 3531

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

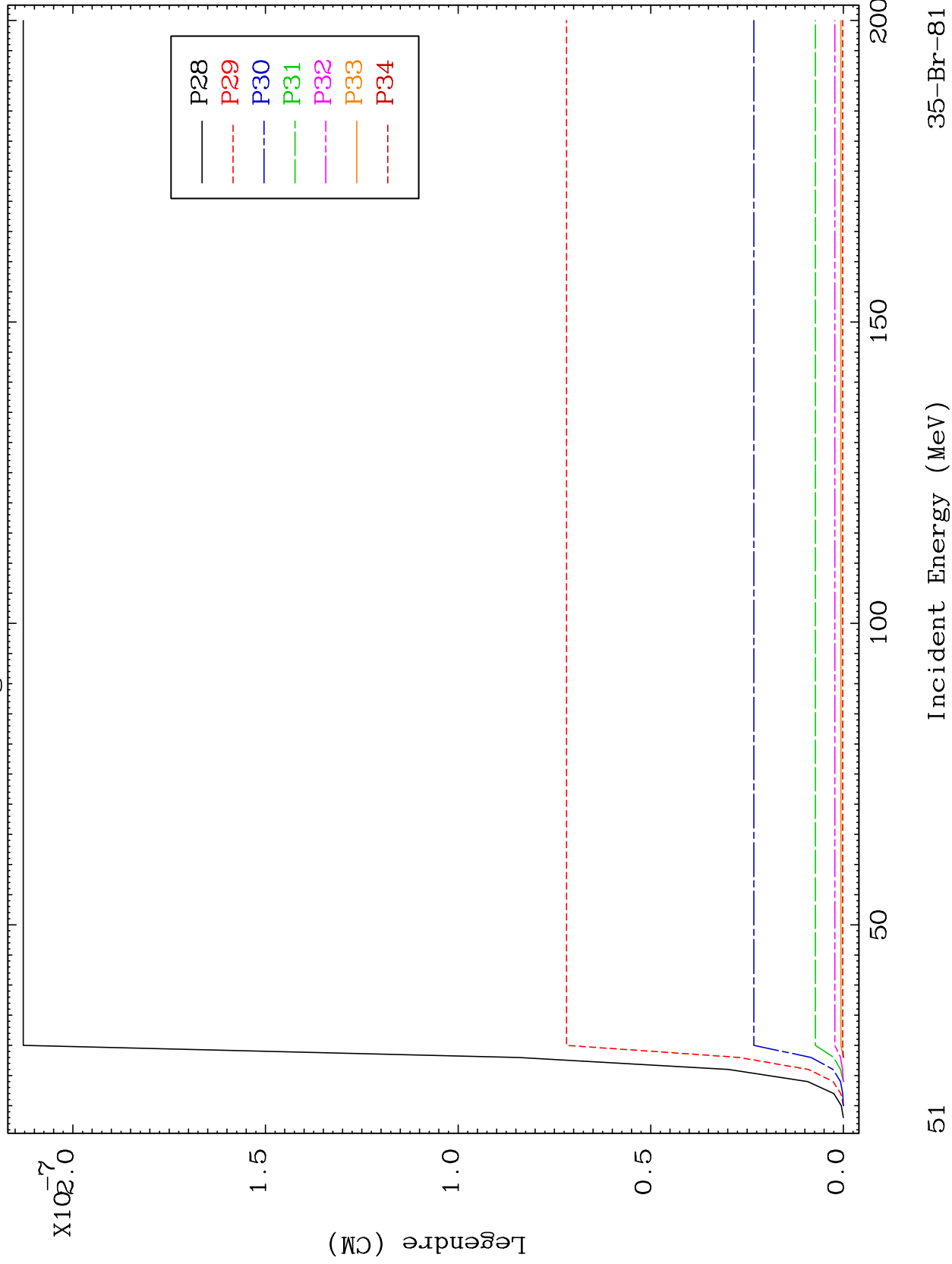
35-Br-81



MAT 3531

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

35-Br-81



51

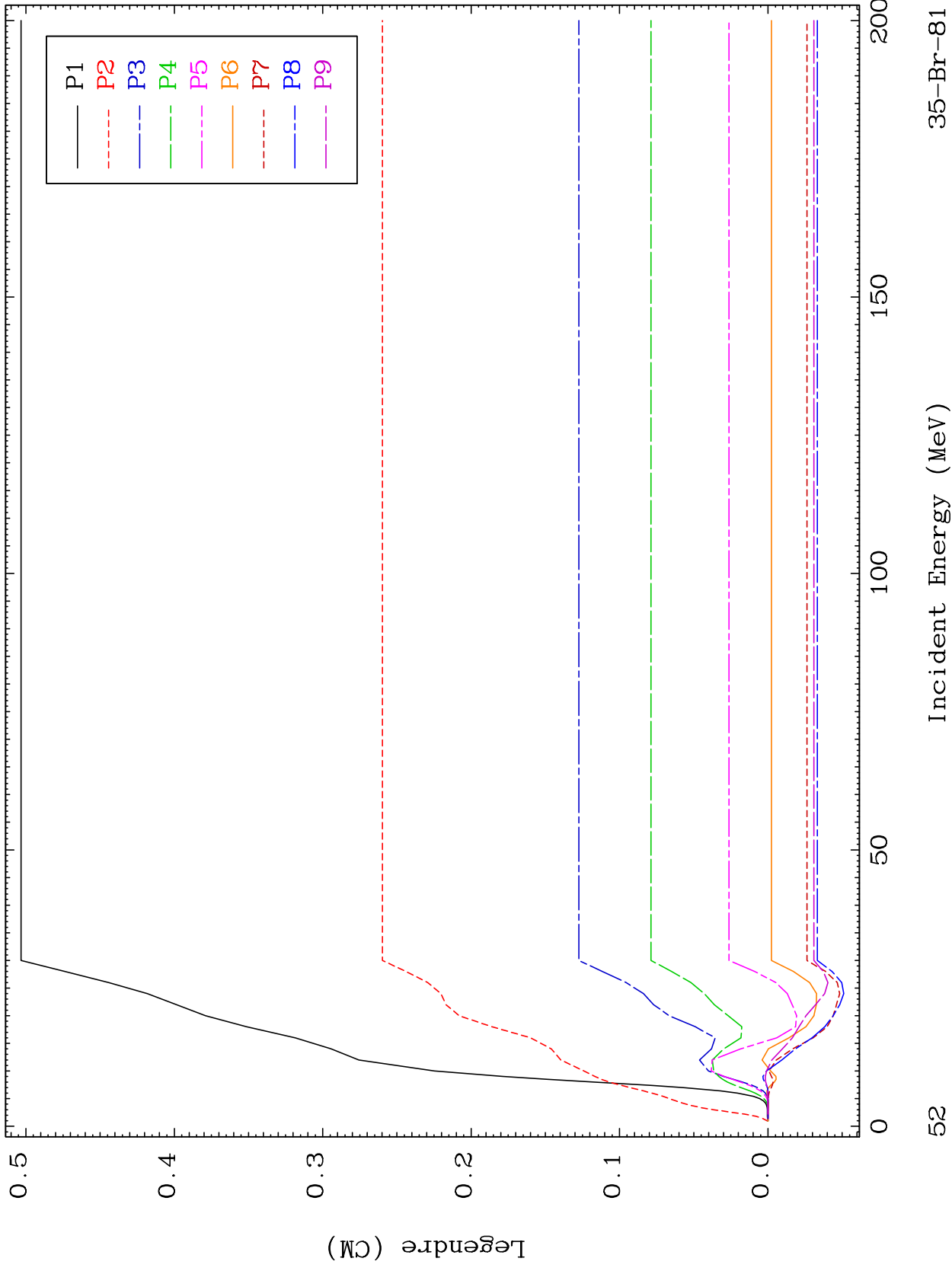
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



35-Br-81

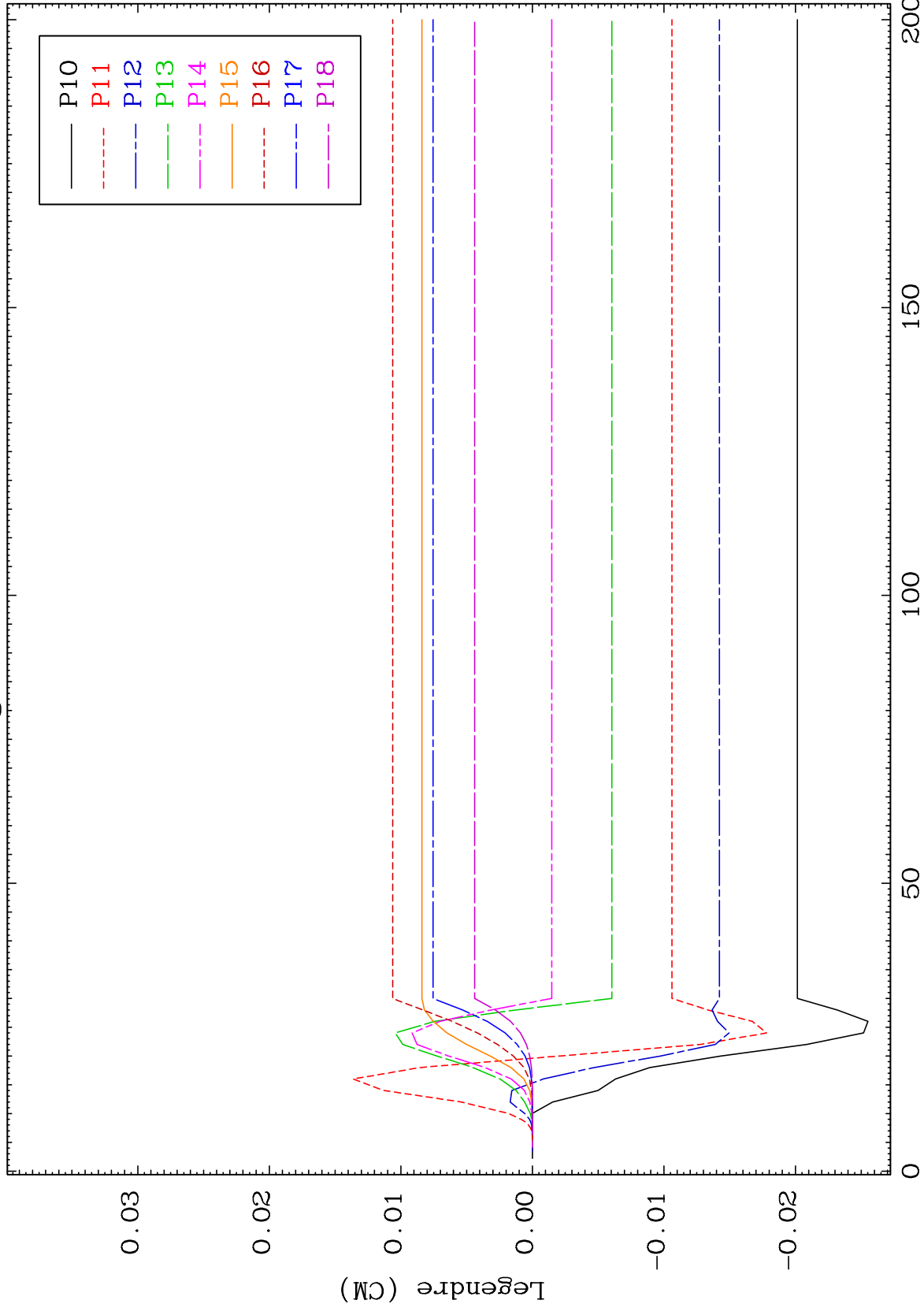
Incident Energy (MeV)

52

MAT 3531

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

35-Br-81



53

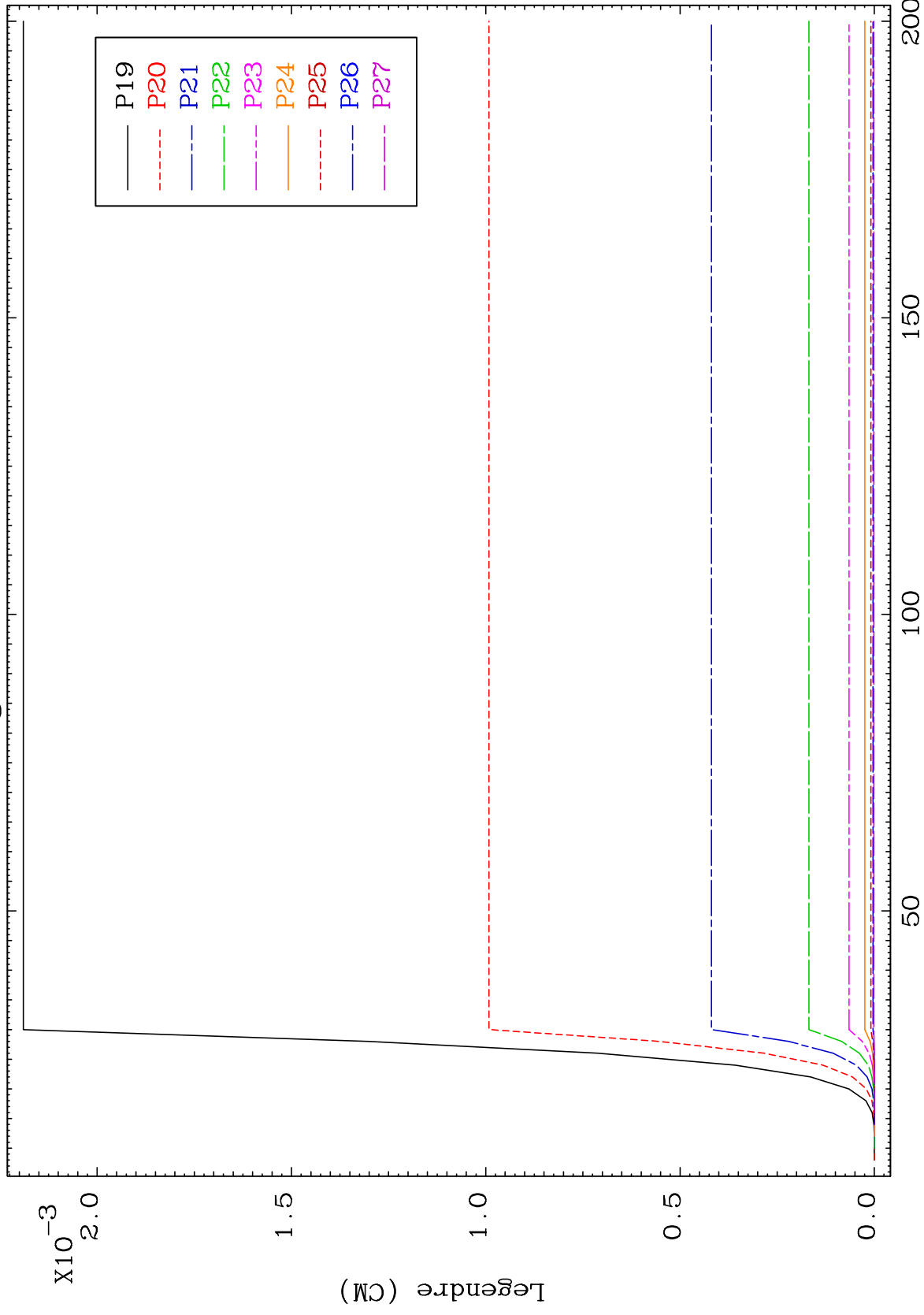
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



54

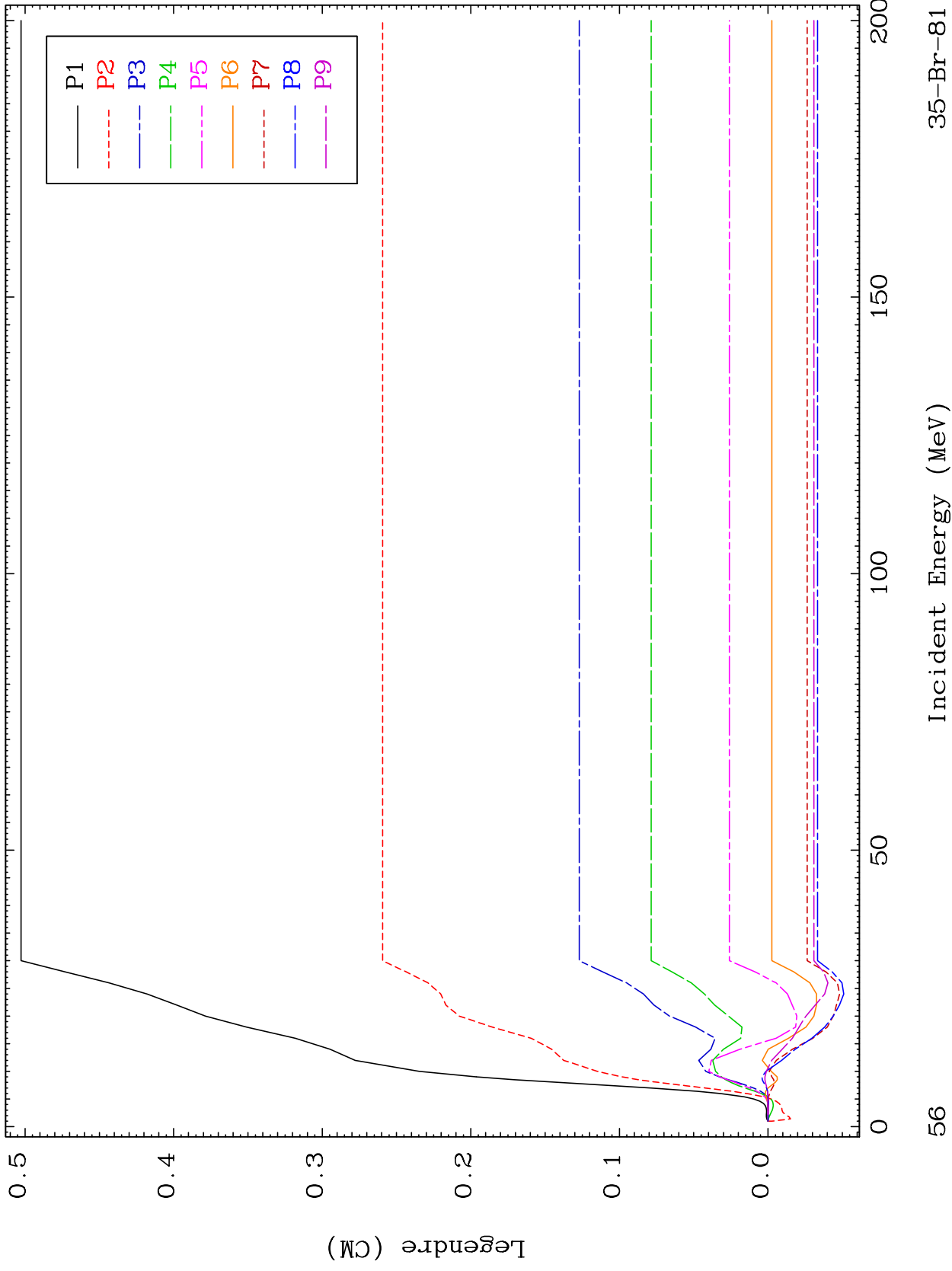
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



35-Br-81

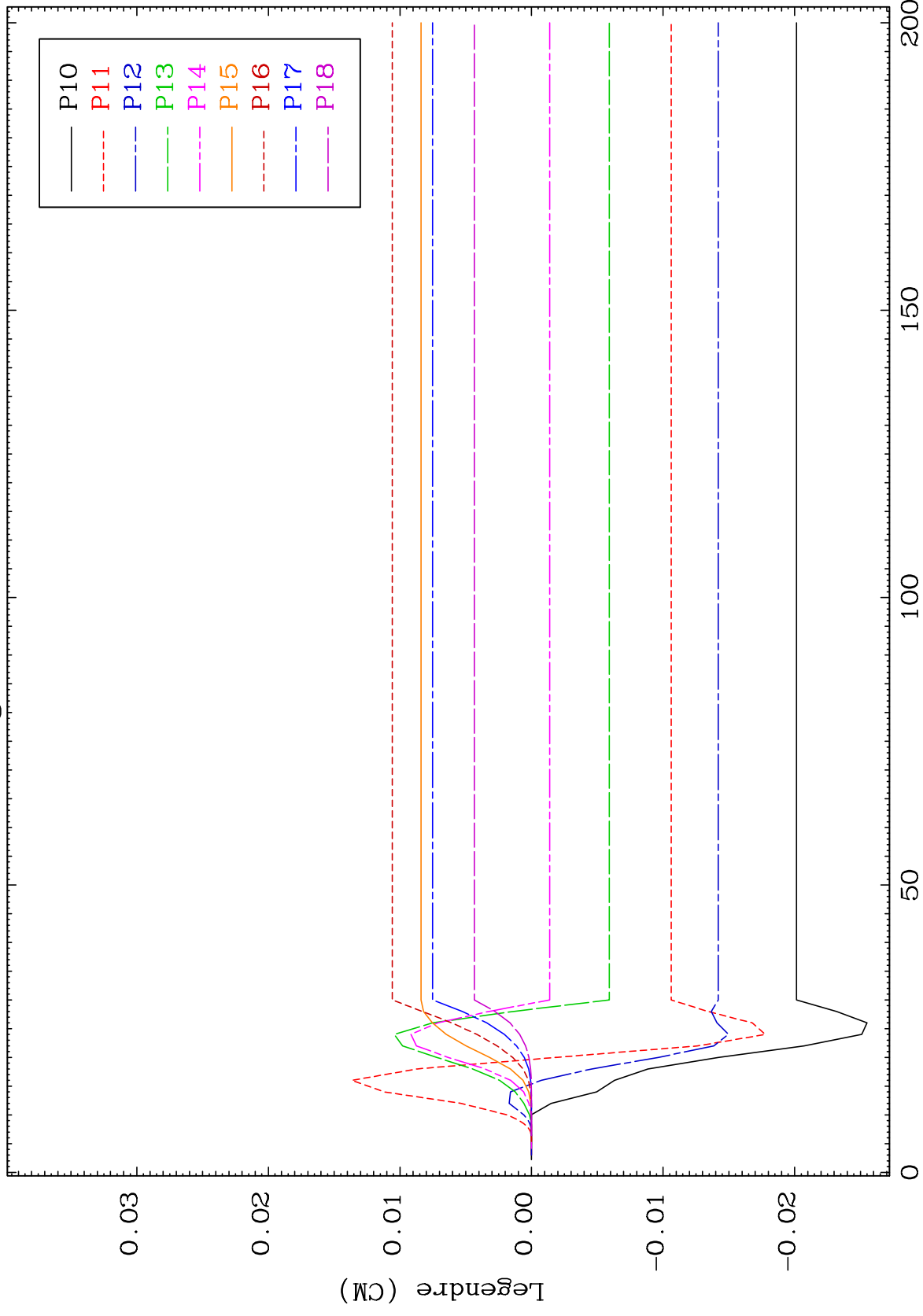
Incident Energy (MeV)

56

MAT 3531

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

35-Br-81



57

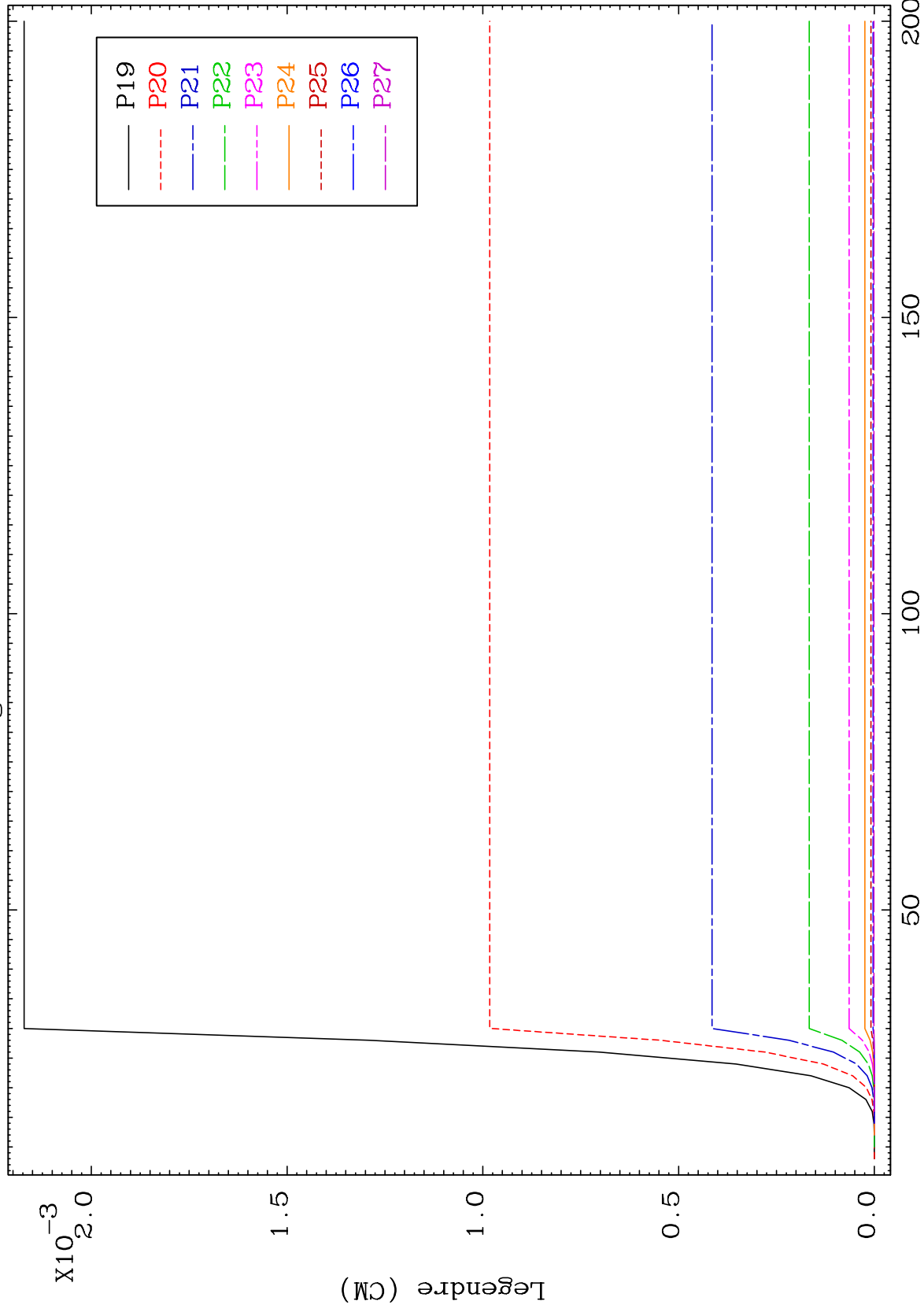
Incident Energy (MeV)

35-Br-81

MAT 3531

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

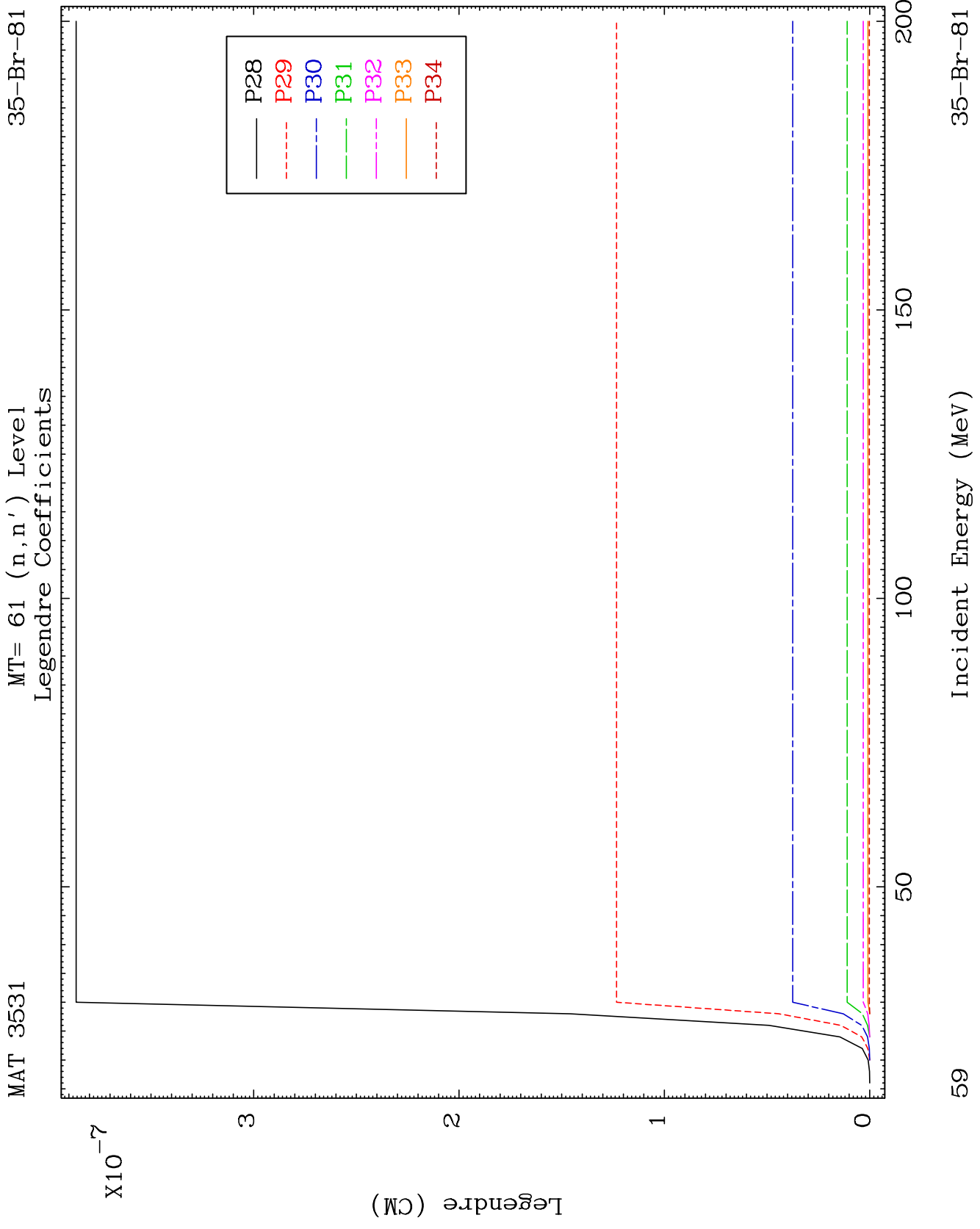
35-Br-81



58

Incident Energy (MeV)

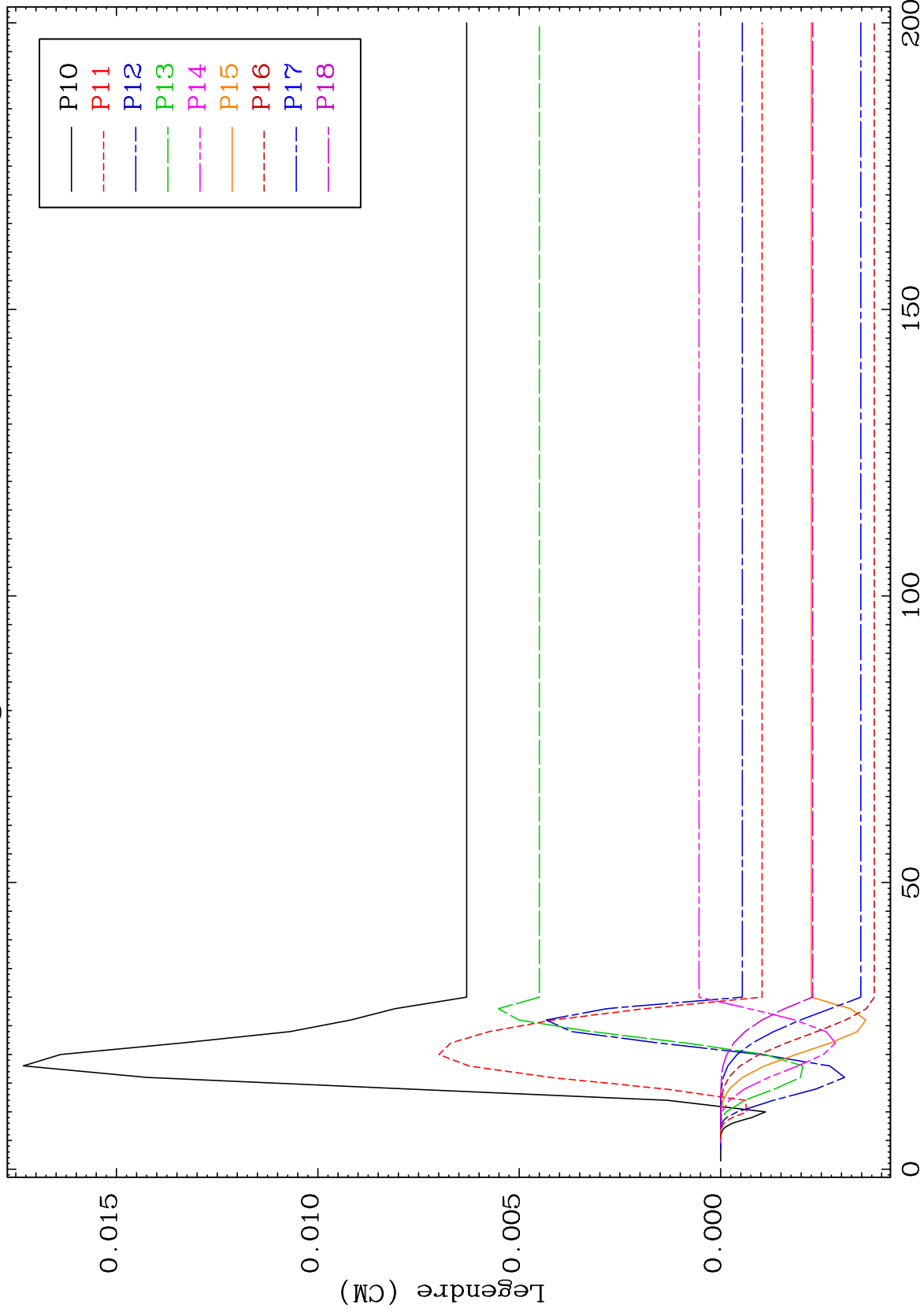
35-Br-81



MAT 3531

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

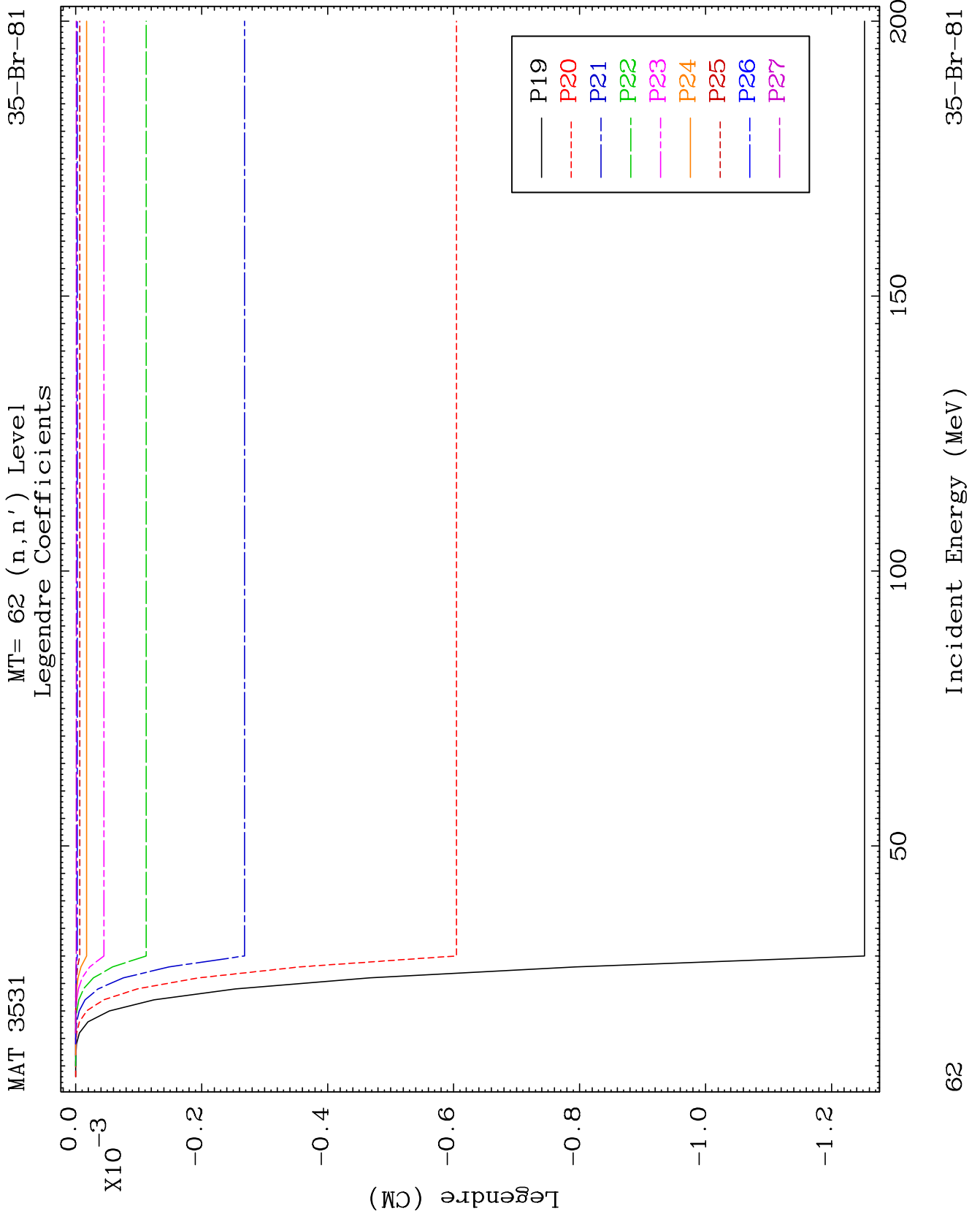
35-Br-81

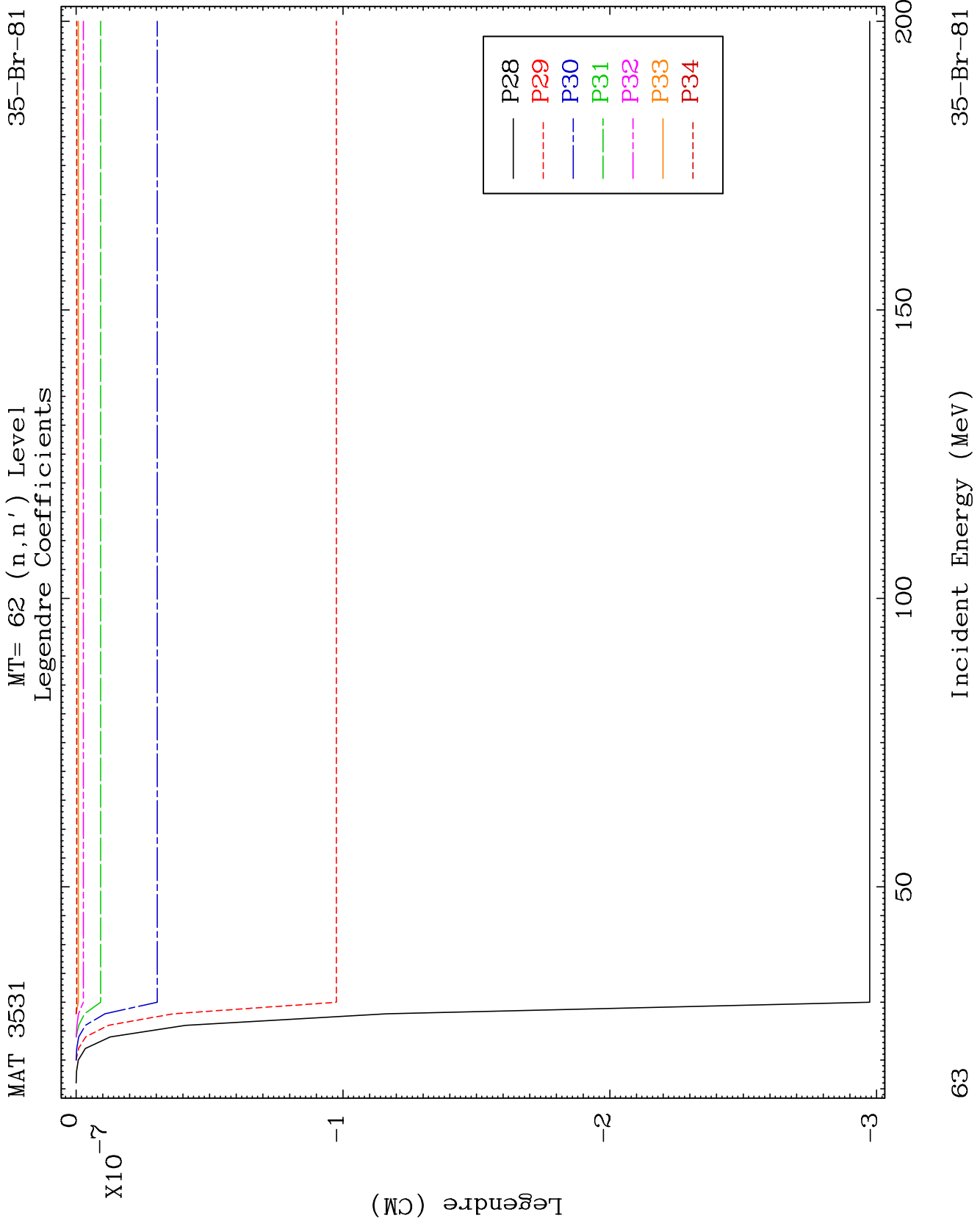


61

Incident Energy (MeV)

35-Br-81

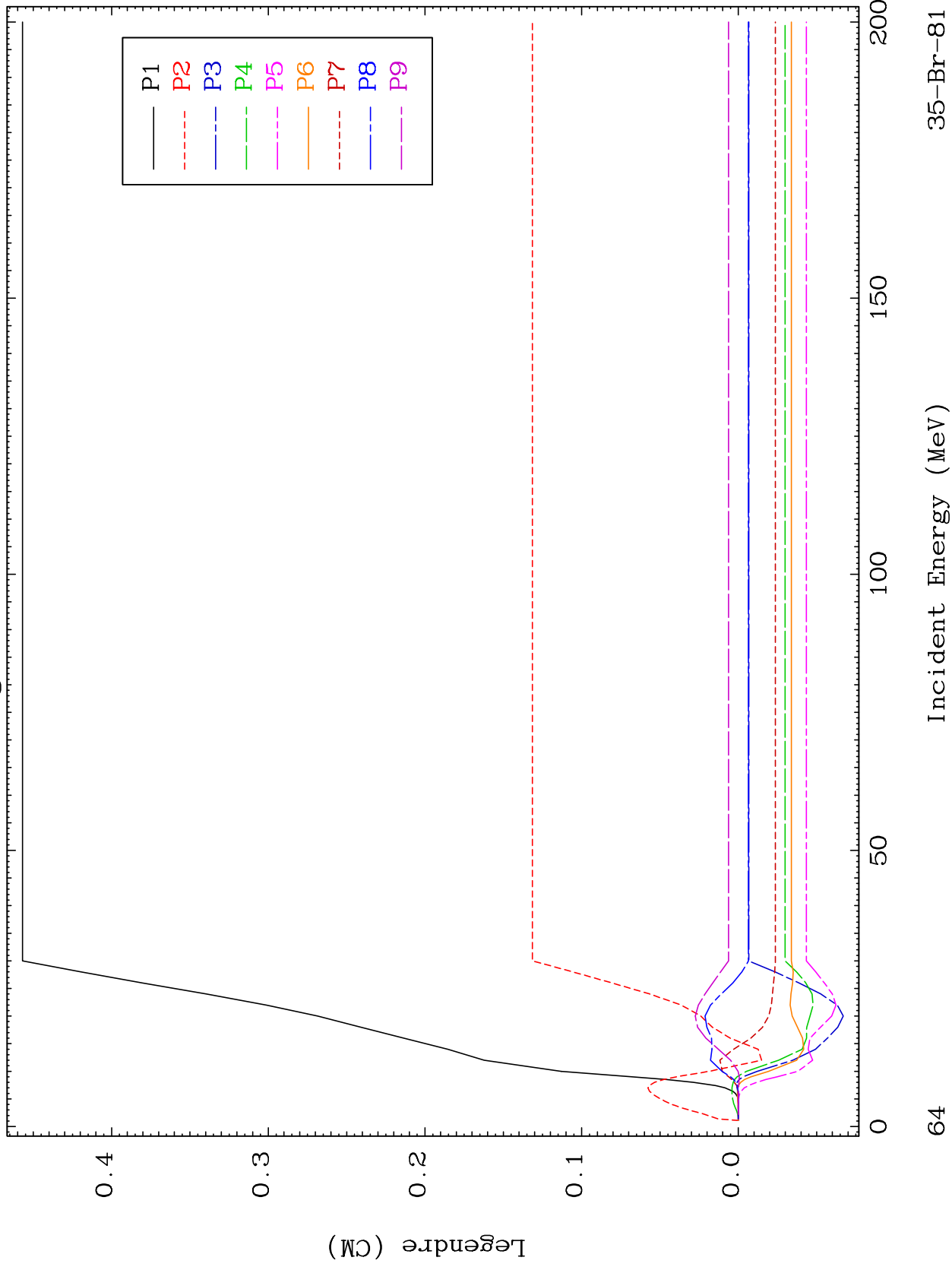




MAT 3531

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

35-Br-81



64

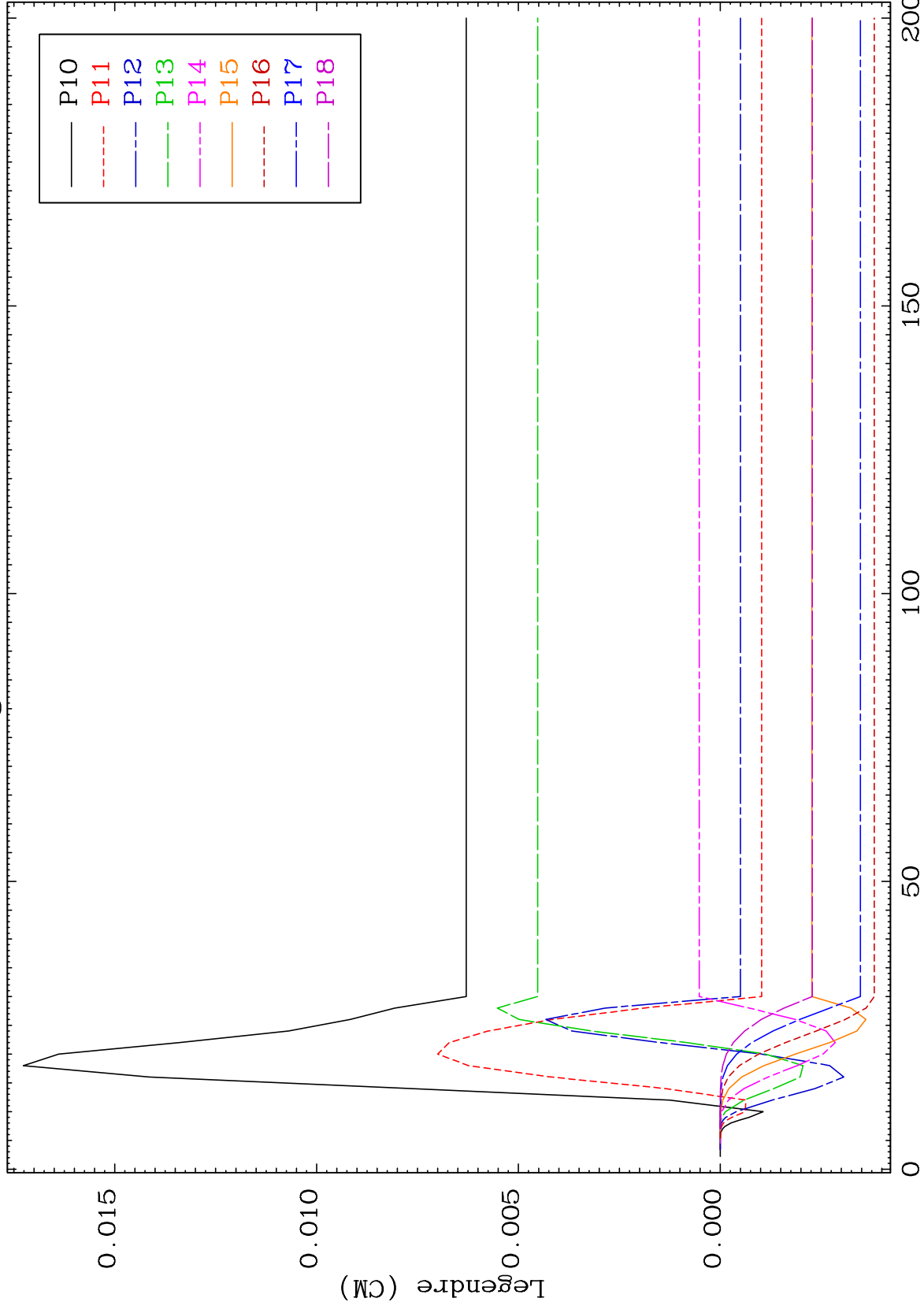
Incident Energy (MeV)

35-Br-81

MAT 3531

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

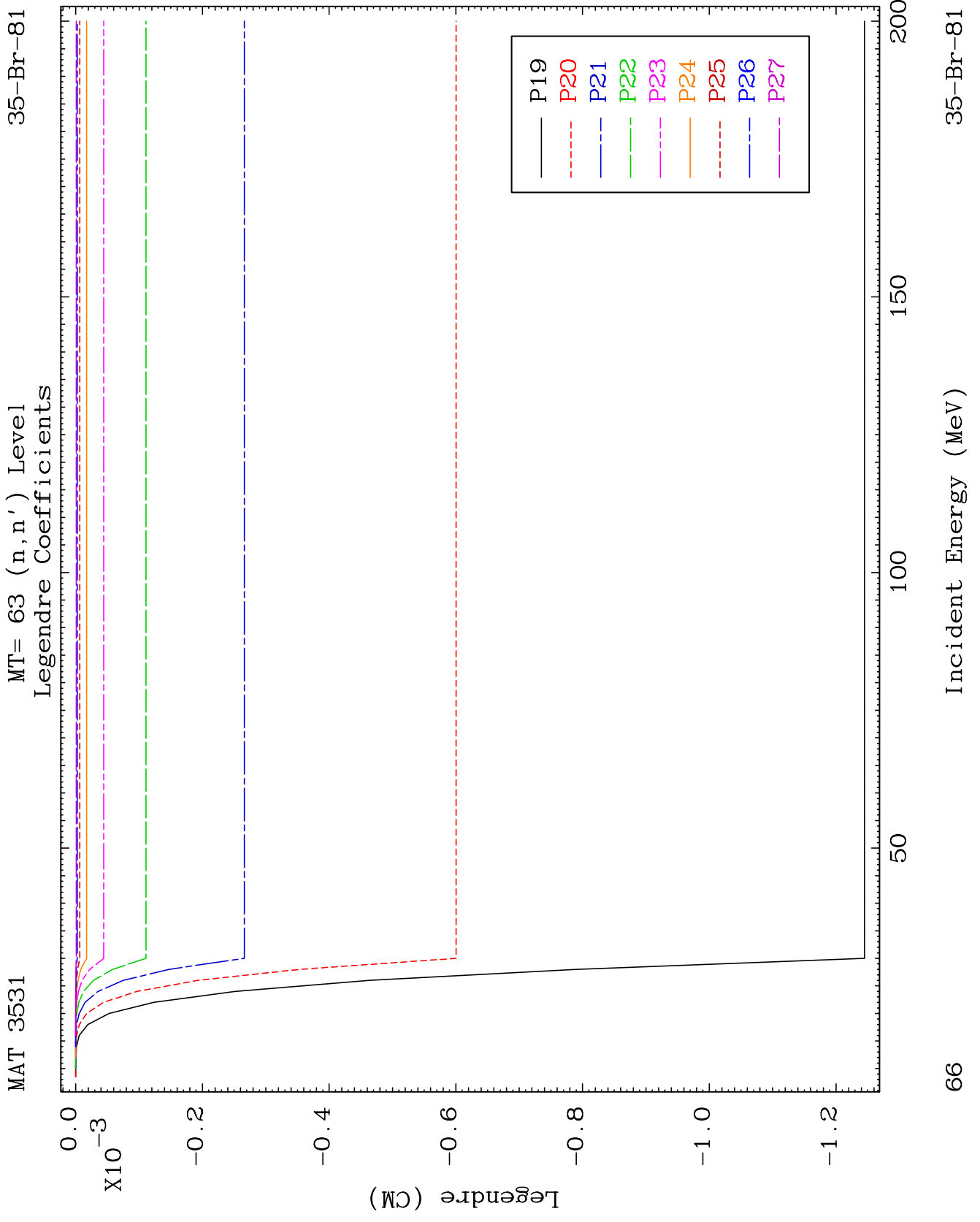
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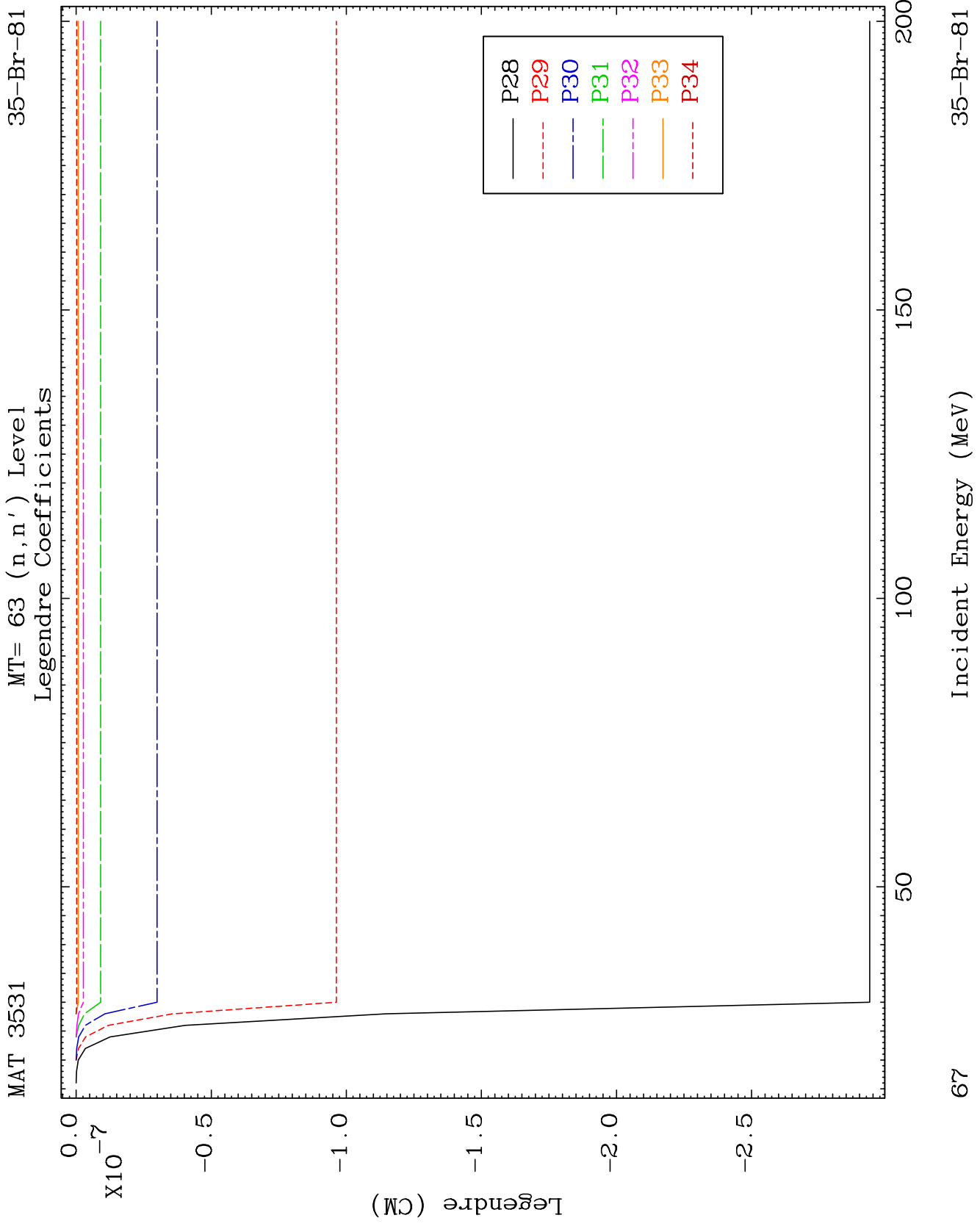


65

Incident Energy (MeV)

35-Br-81

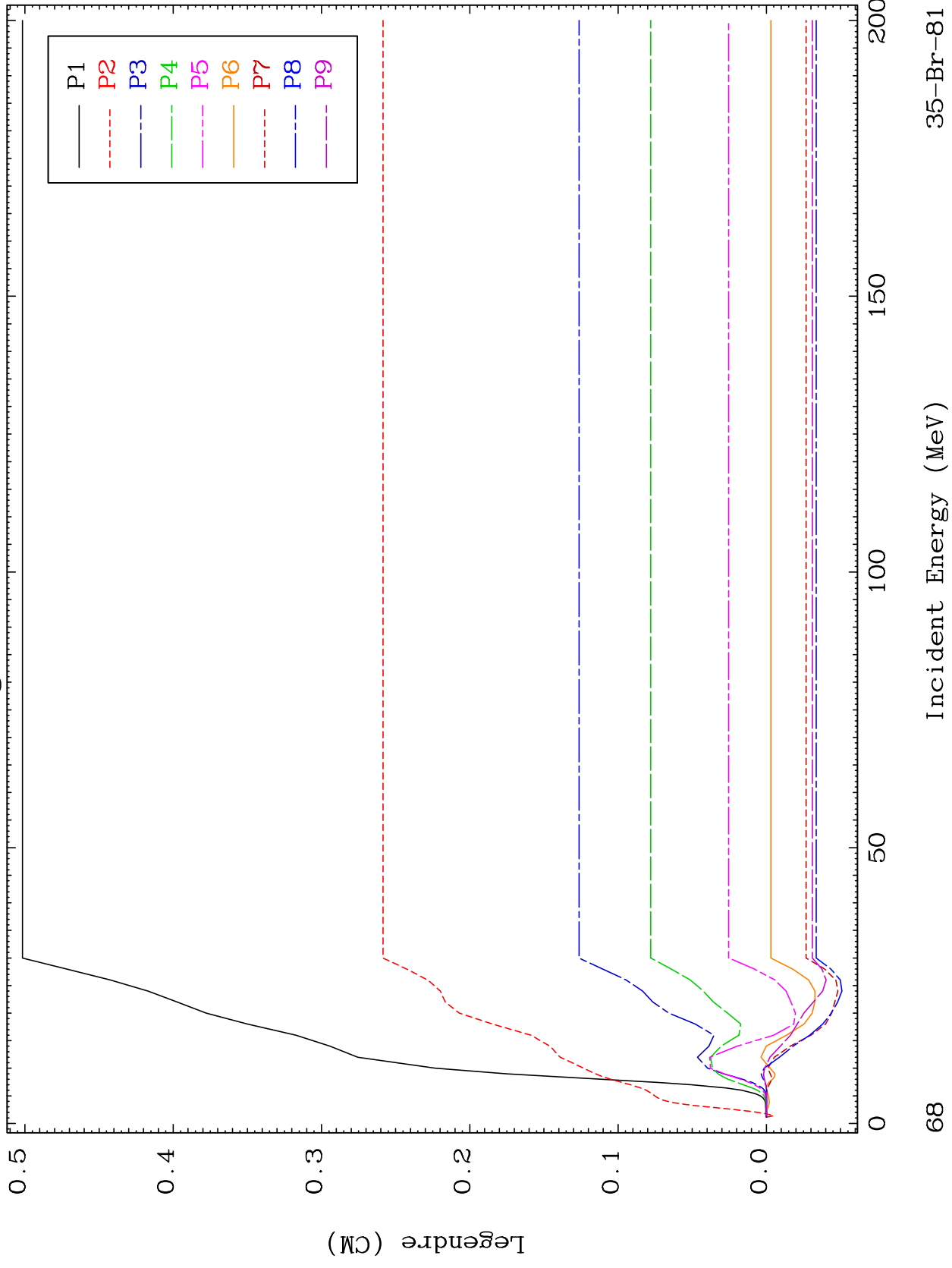




MAT 3531

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

35-Br-81

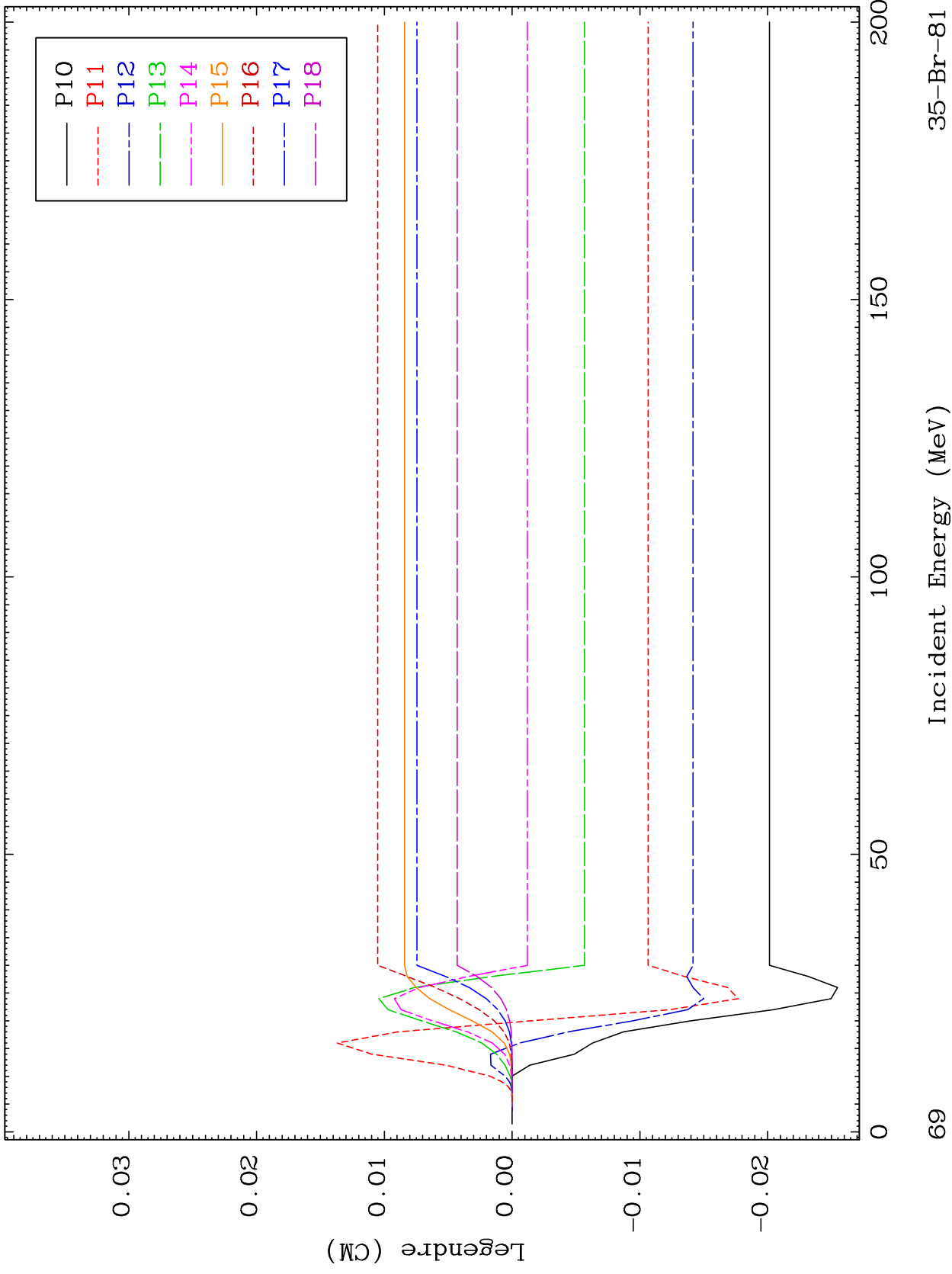


68

MAT 3531

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

35-Br-81



69

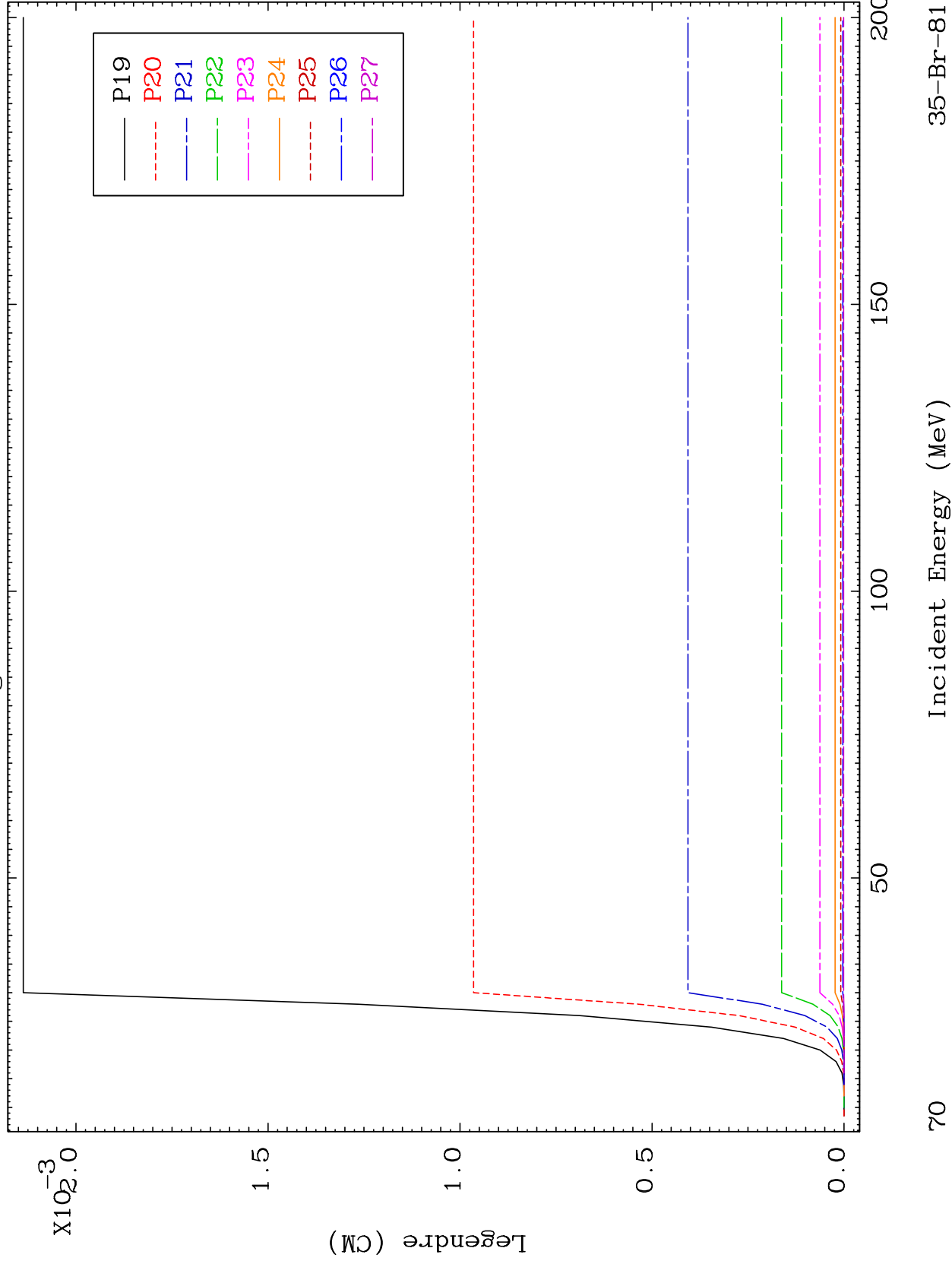
Incident Energy (MeV)

35-Br-81

MAT 3531

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

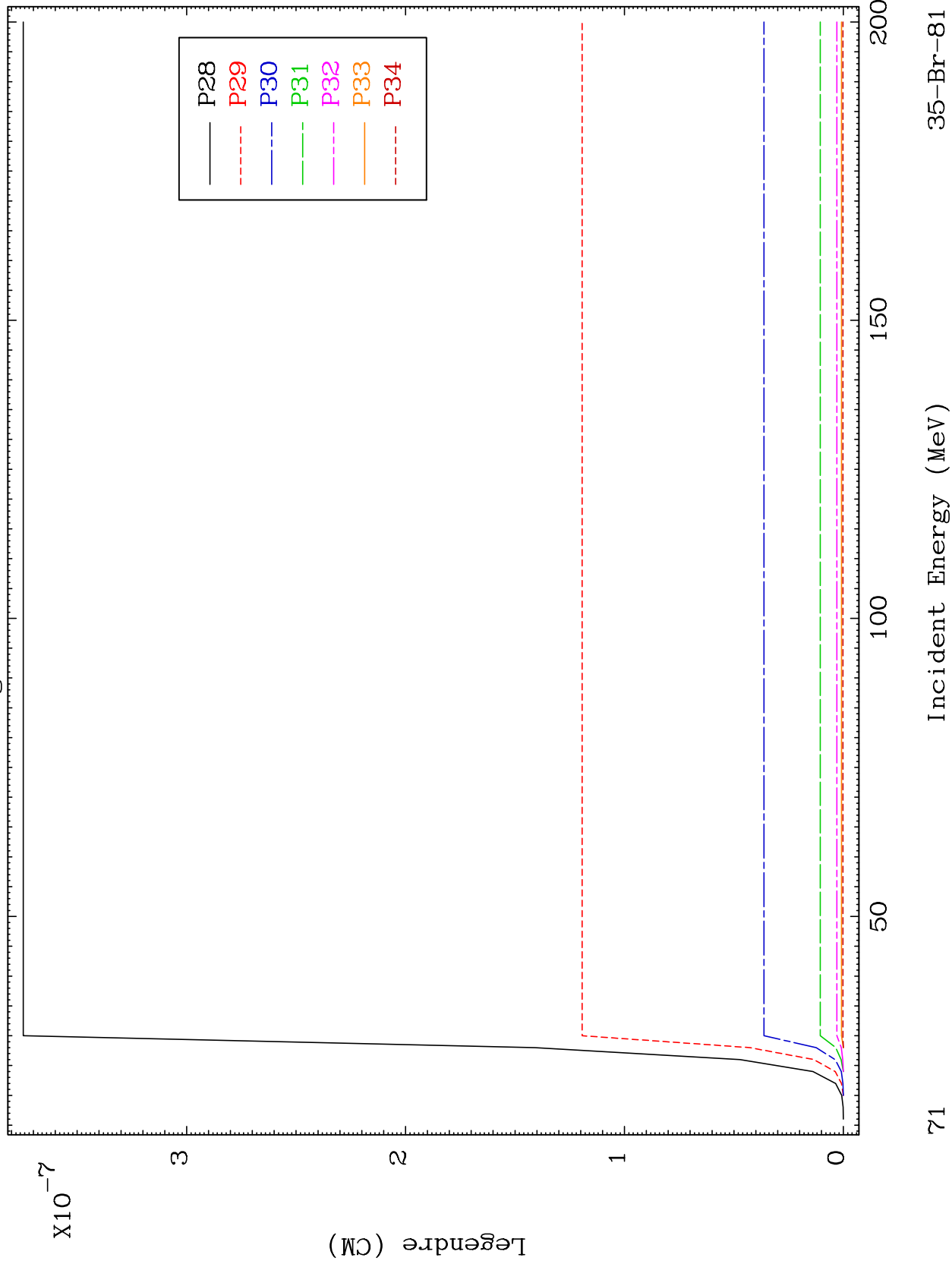
35-Br-81



MAT 3531

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

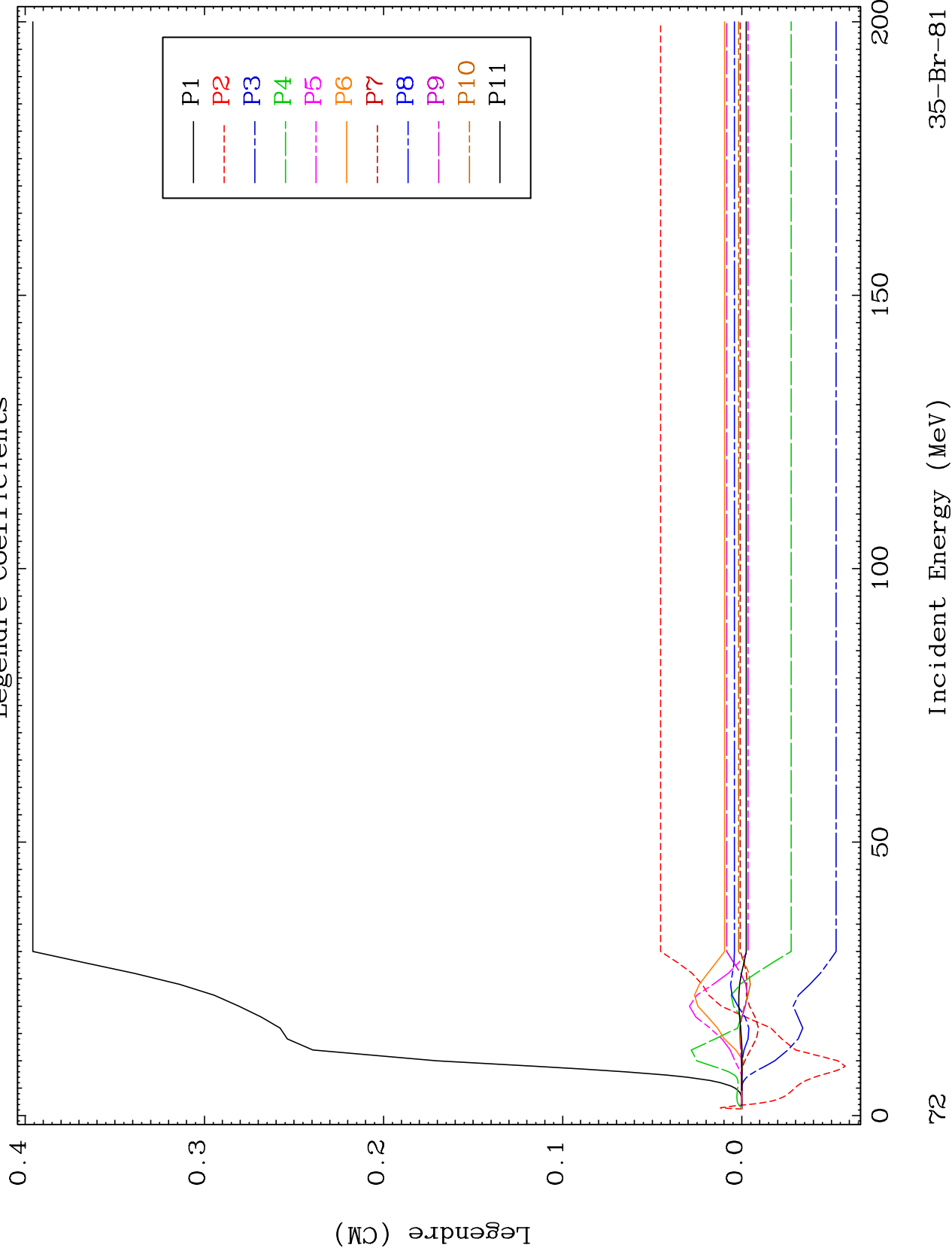
35-Br-81



MAT 3531

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

35-Br-81



35-Br-81

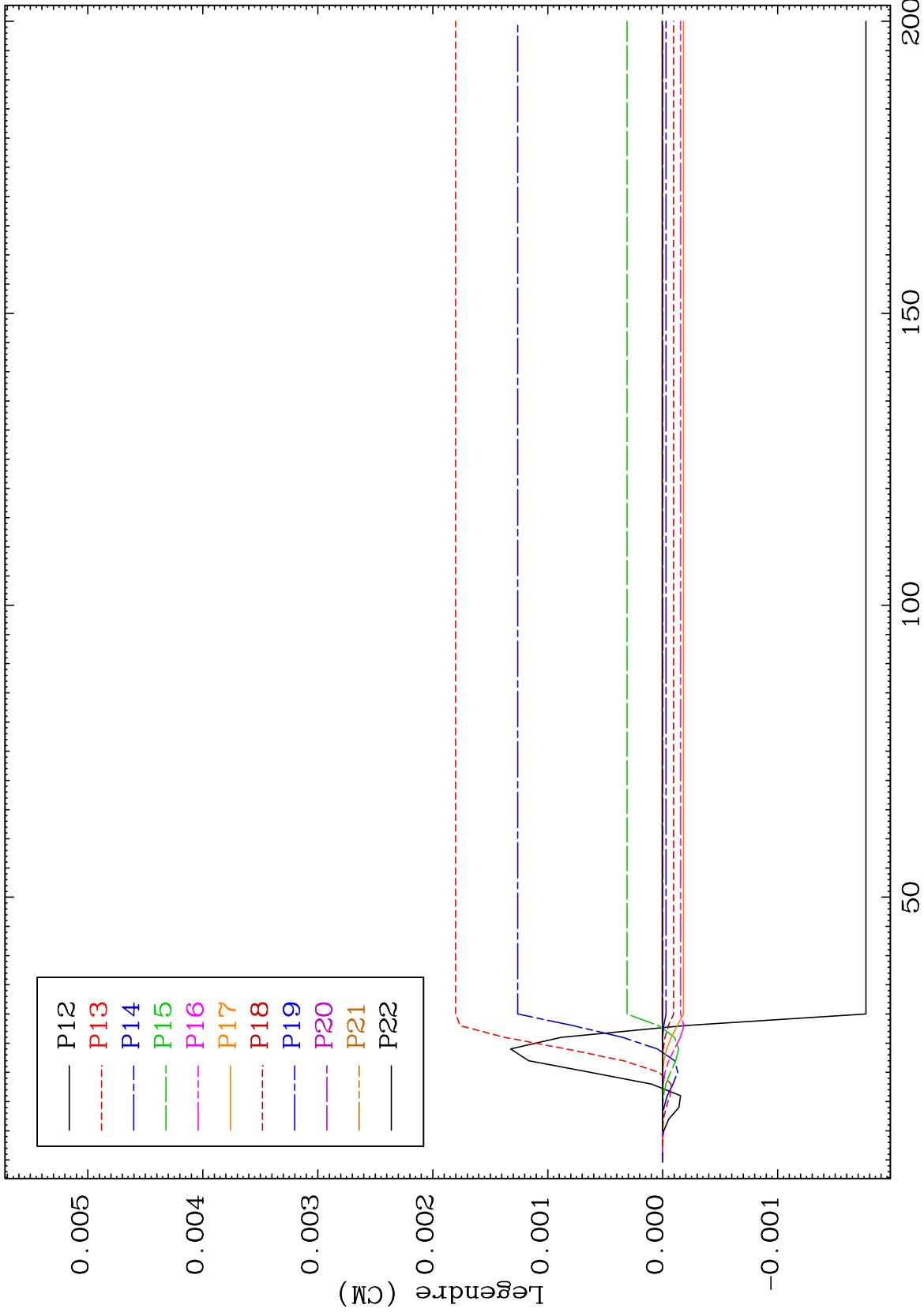
Incident Energy (MeV)

72

MAT 3531

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

35-Br-81



73

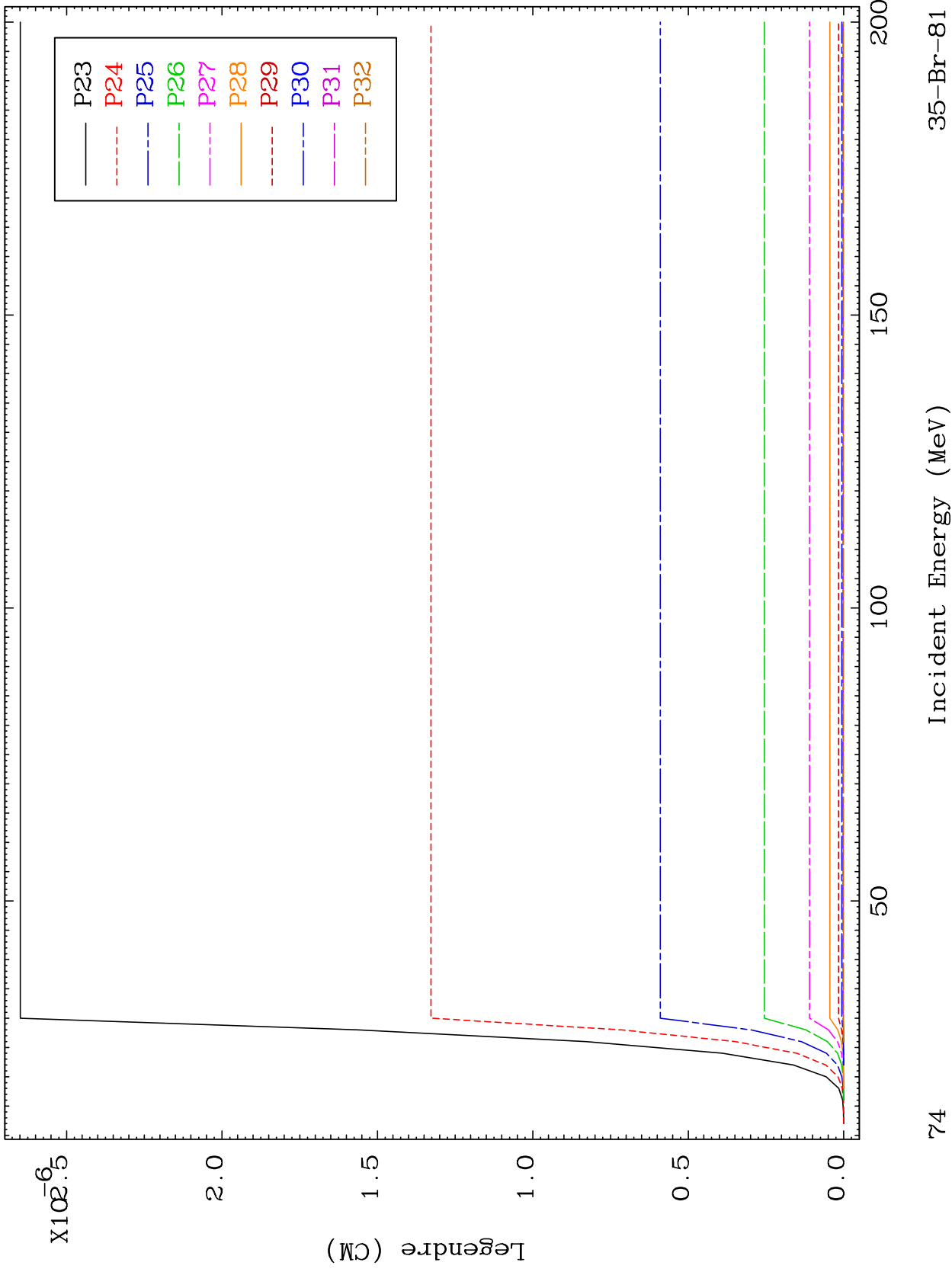
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



74

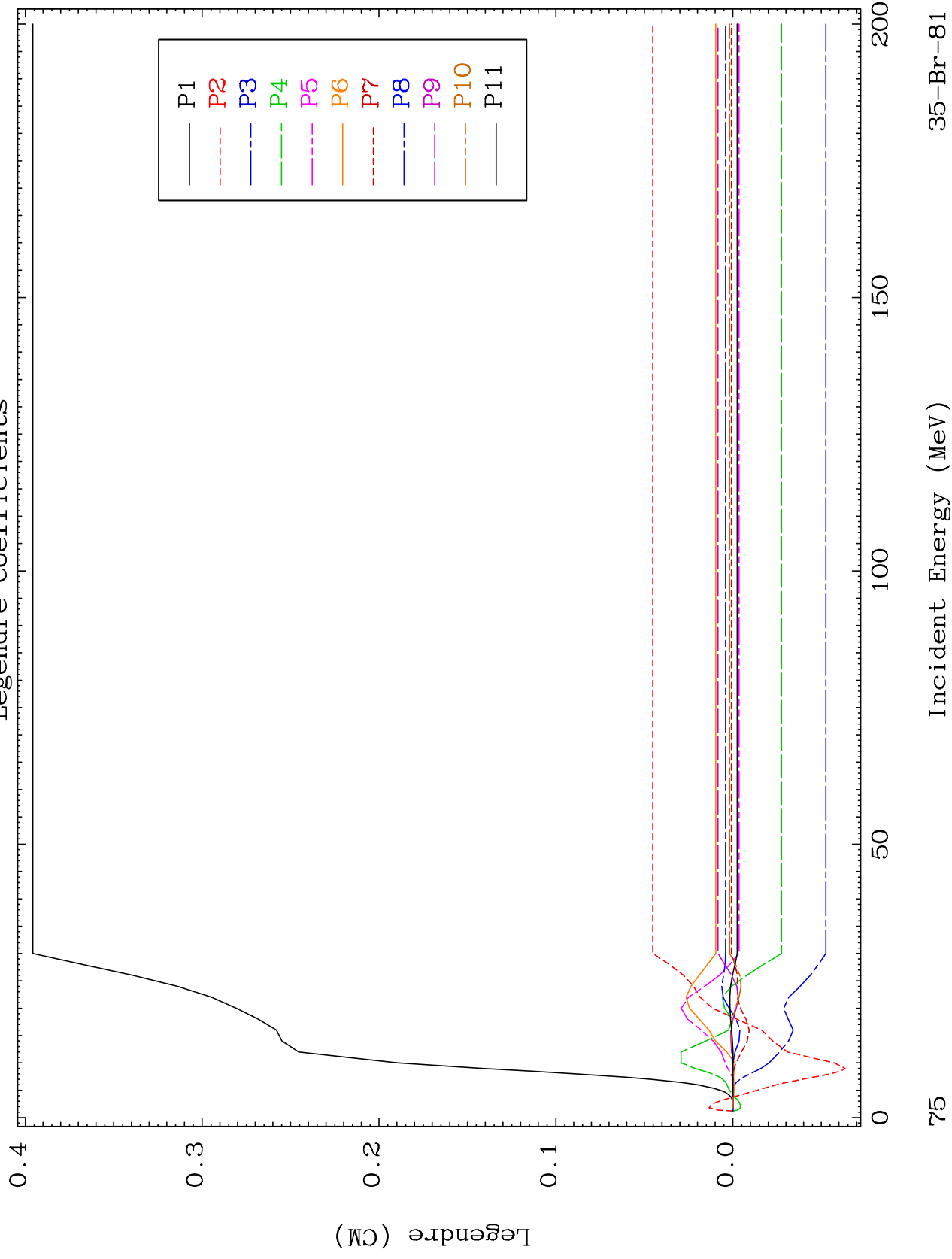
Incident Energy (MeV)

35-Br-81

MAT 3531

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

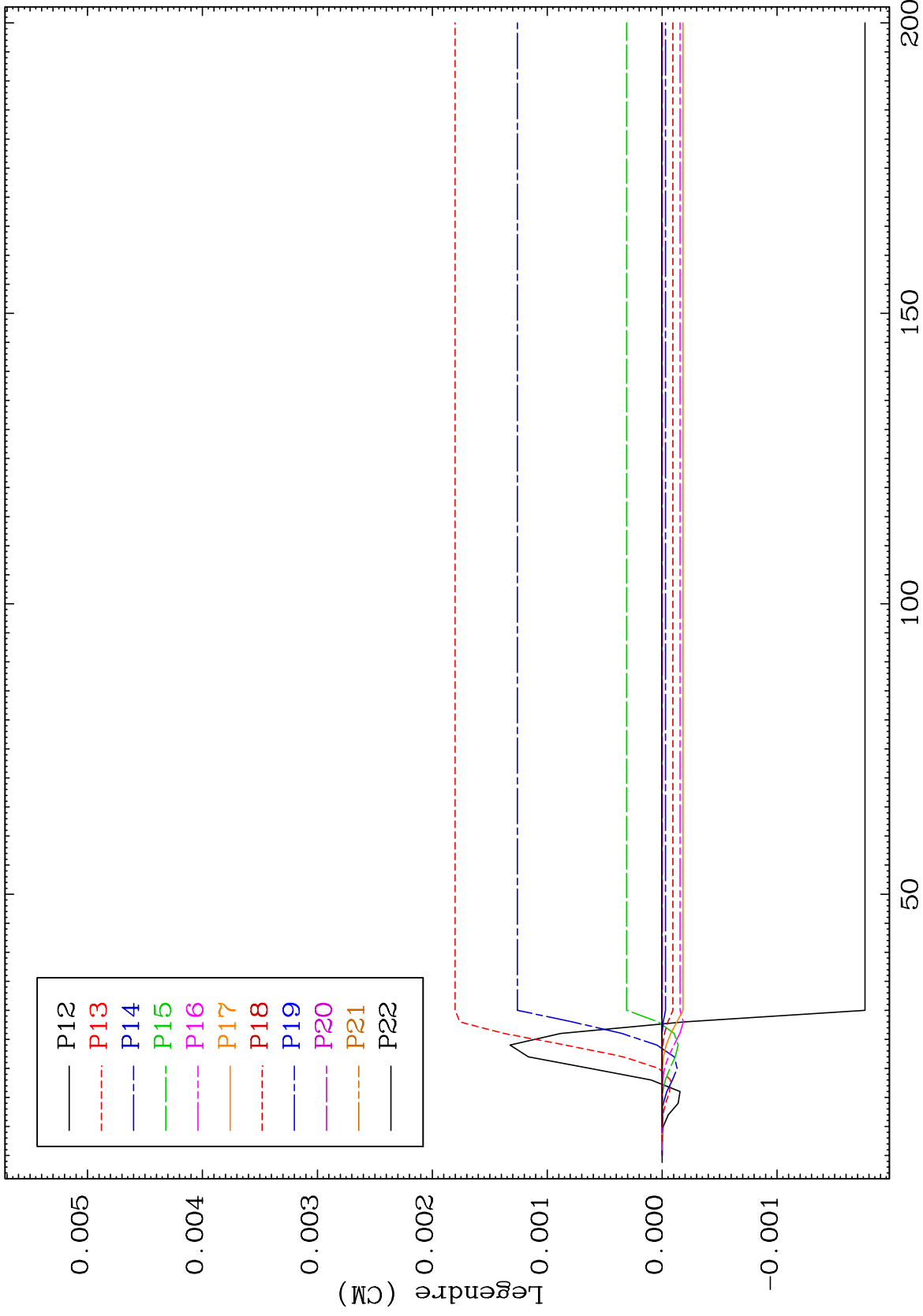
35-Br-81



35-Br-81

Incident Energy (MeV)

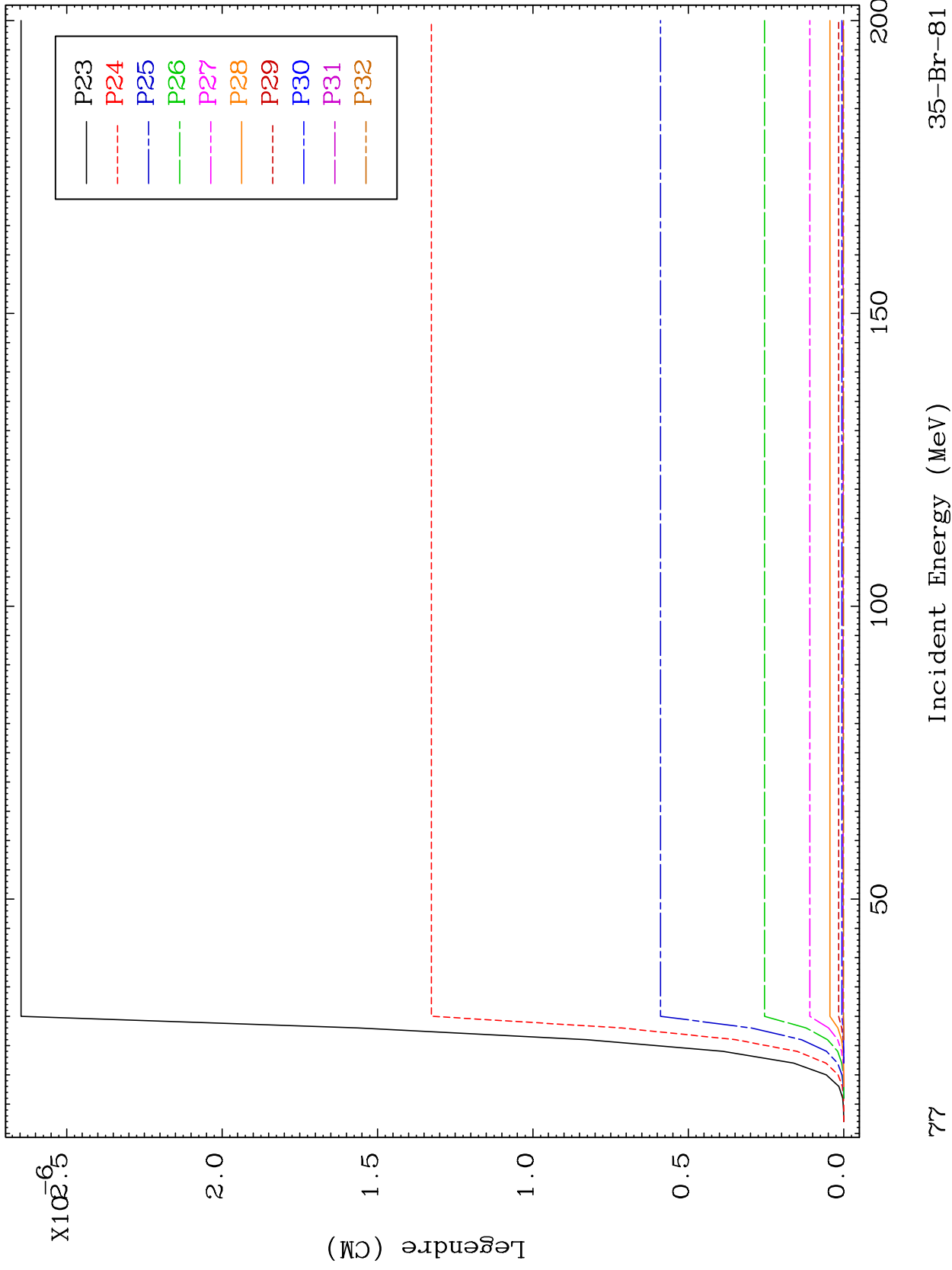
75



MAT 3531

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

35-Br-81



77

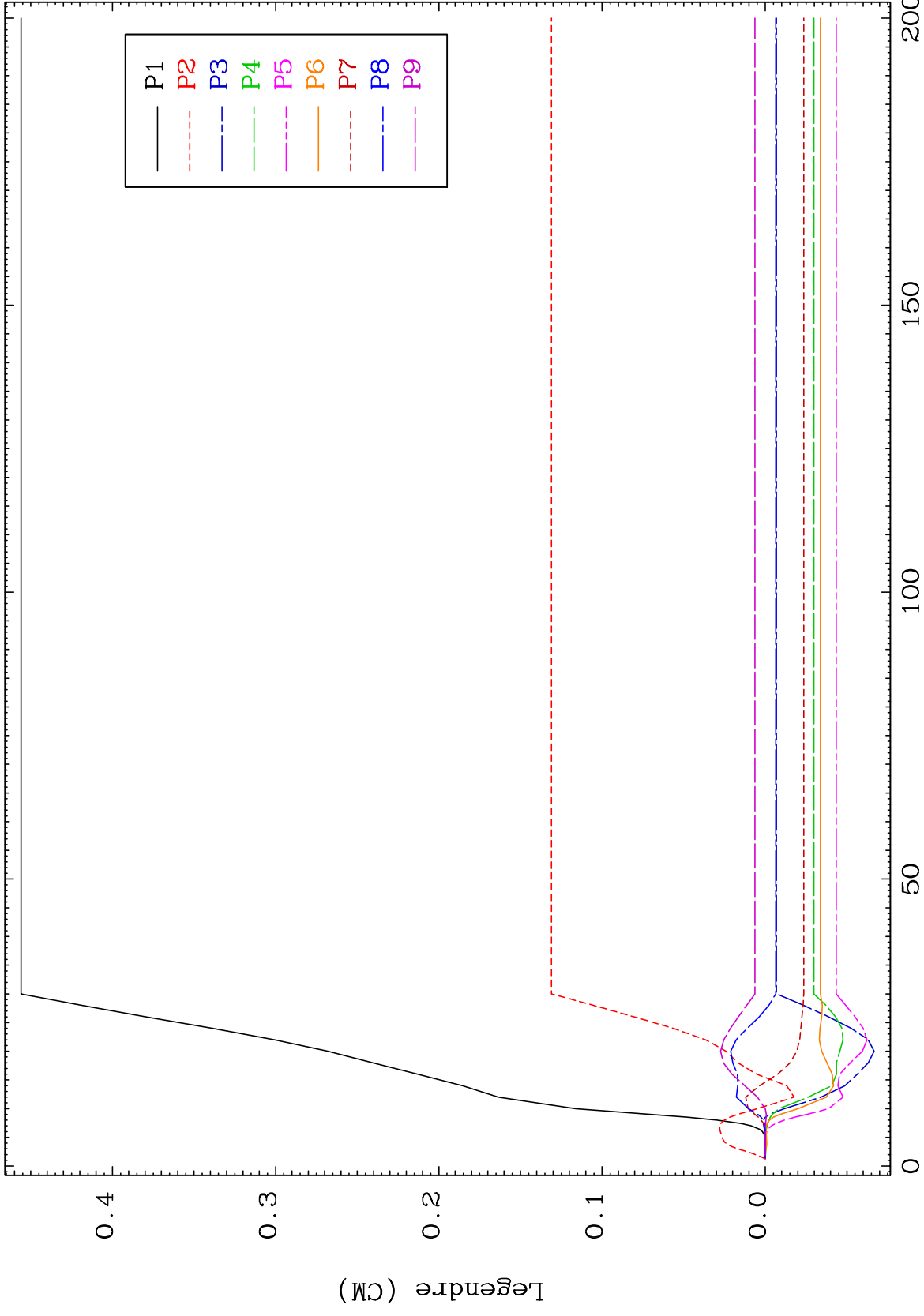
Incident Energy (MeV)

35-Br-81

MAT 3531

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

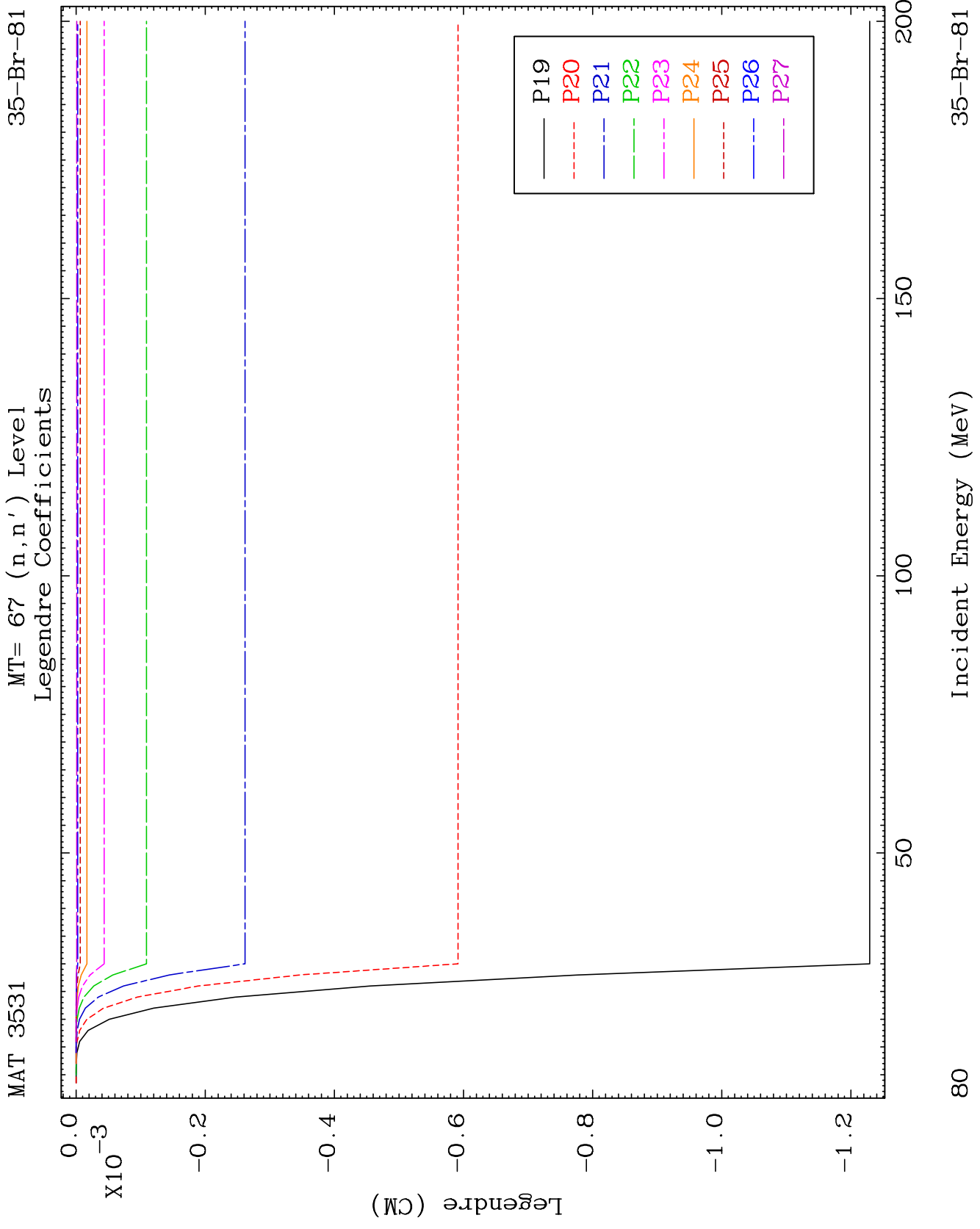
35-Br-81



78

Incident Energy (MeV)

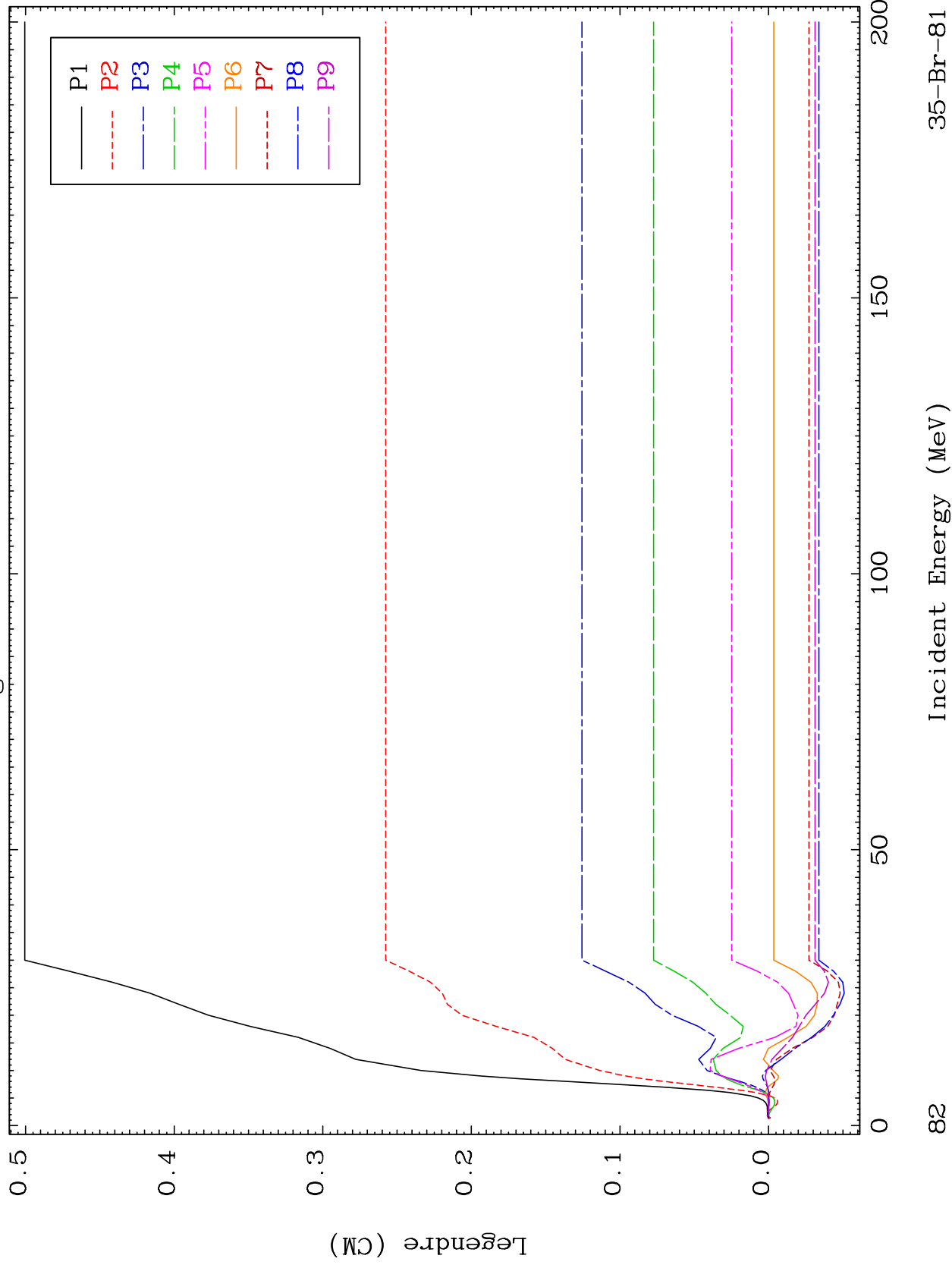
35-Br-81



MAT 3531

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

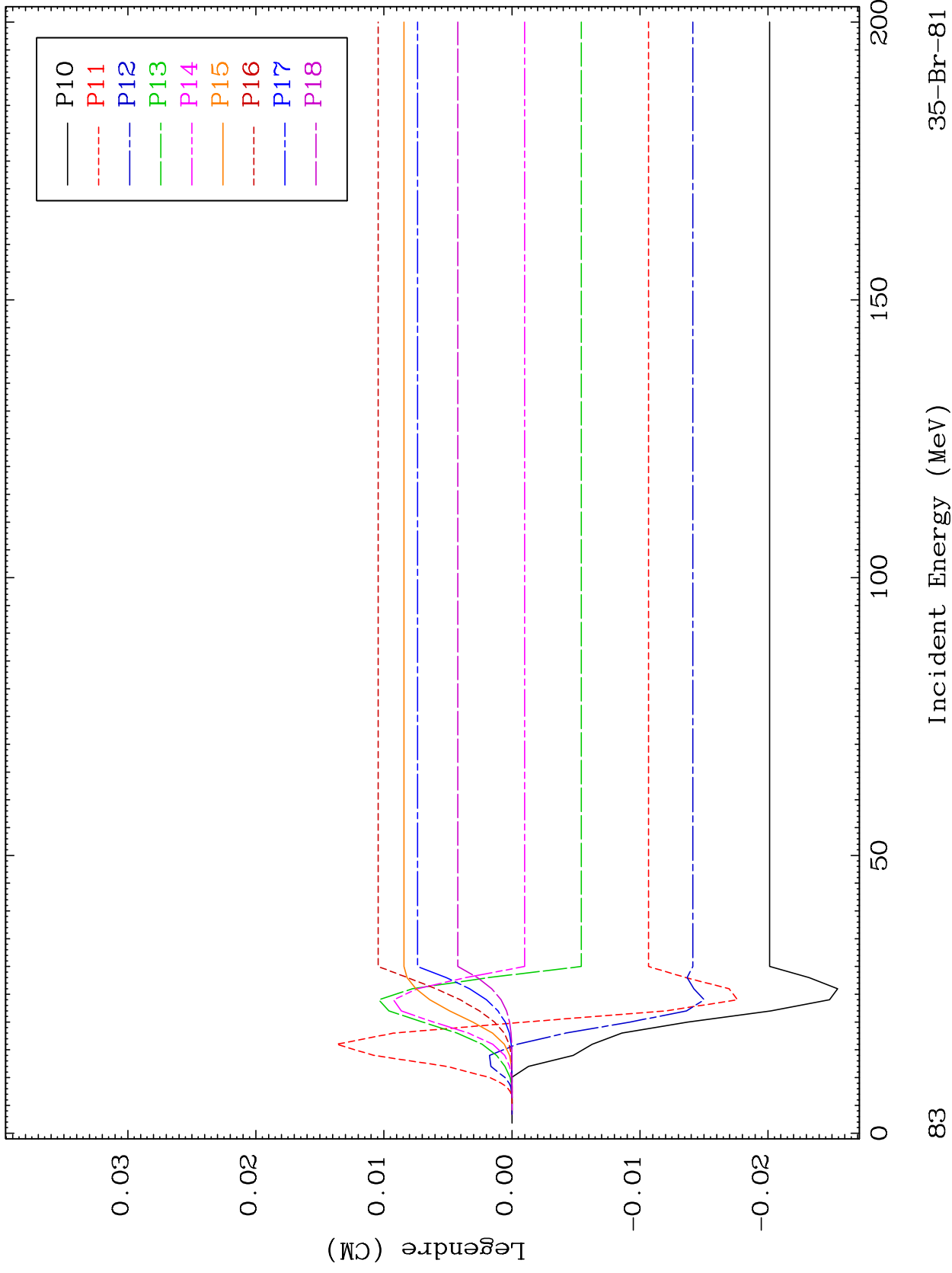
35-Br-81



MAT 3531

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

35-Br-81



83

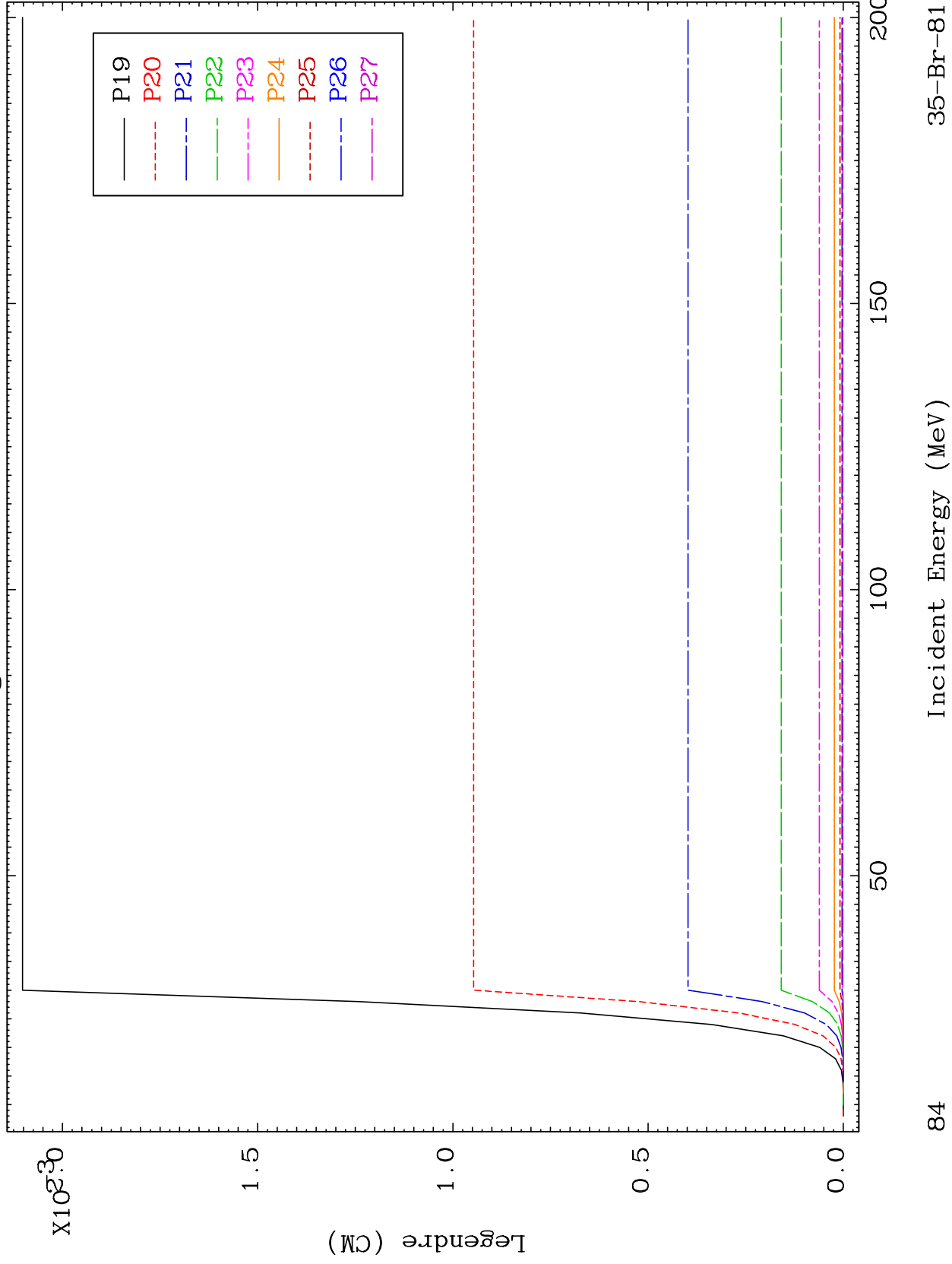
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



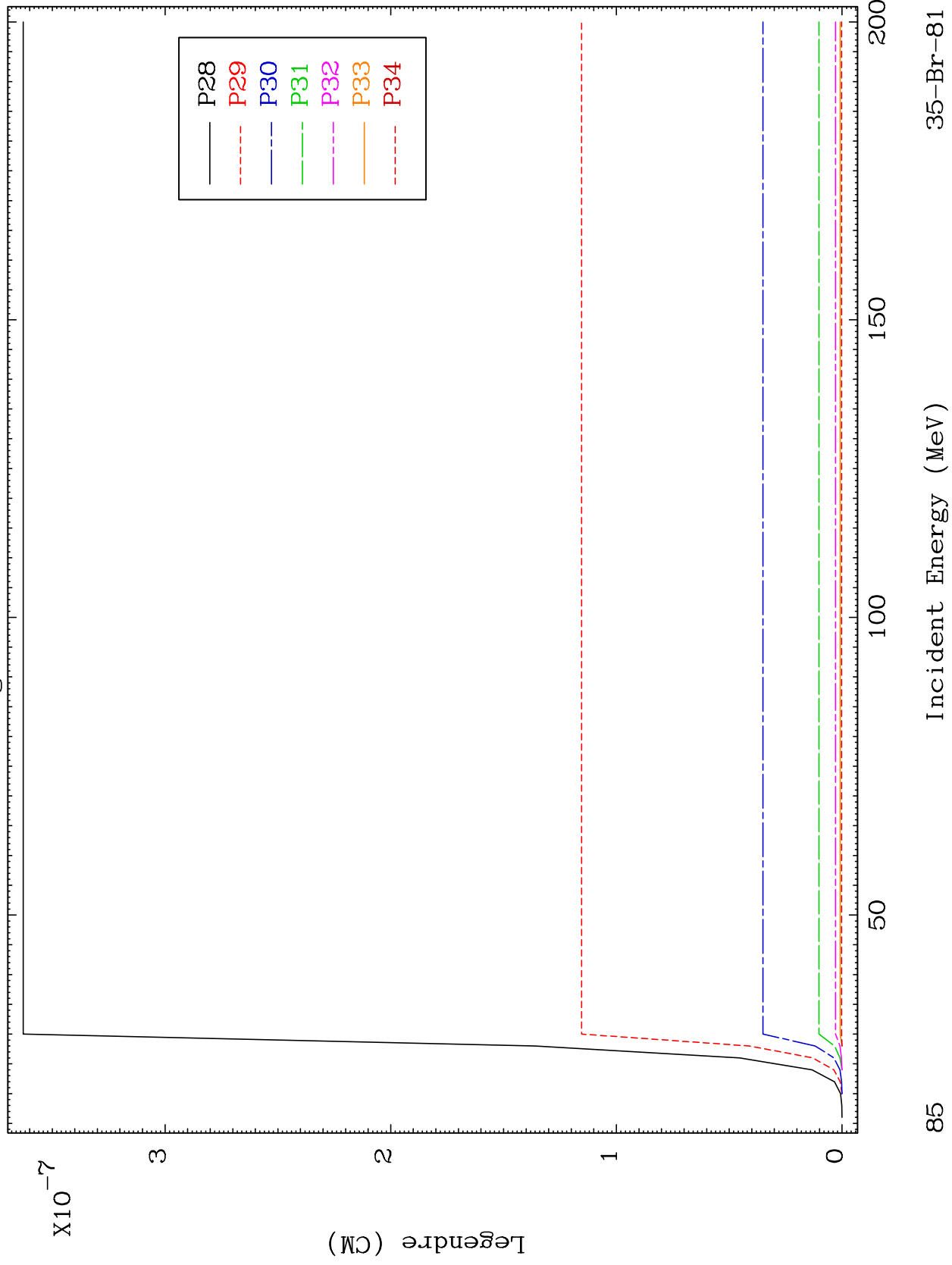
84

35-Br-81

MAT 3531

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

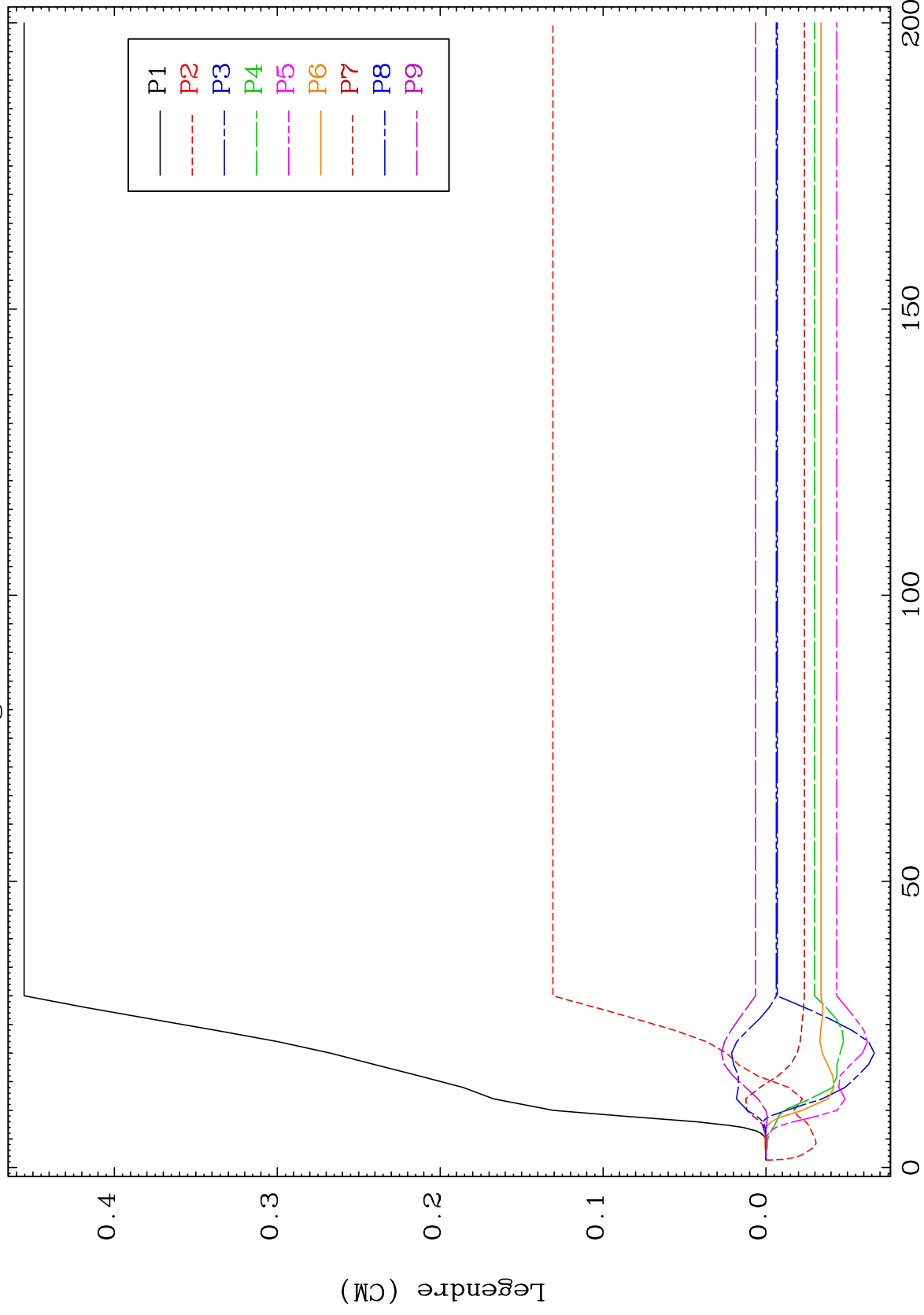
35-Br-81



MAT 3531

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

35-Br-81



86

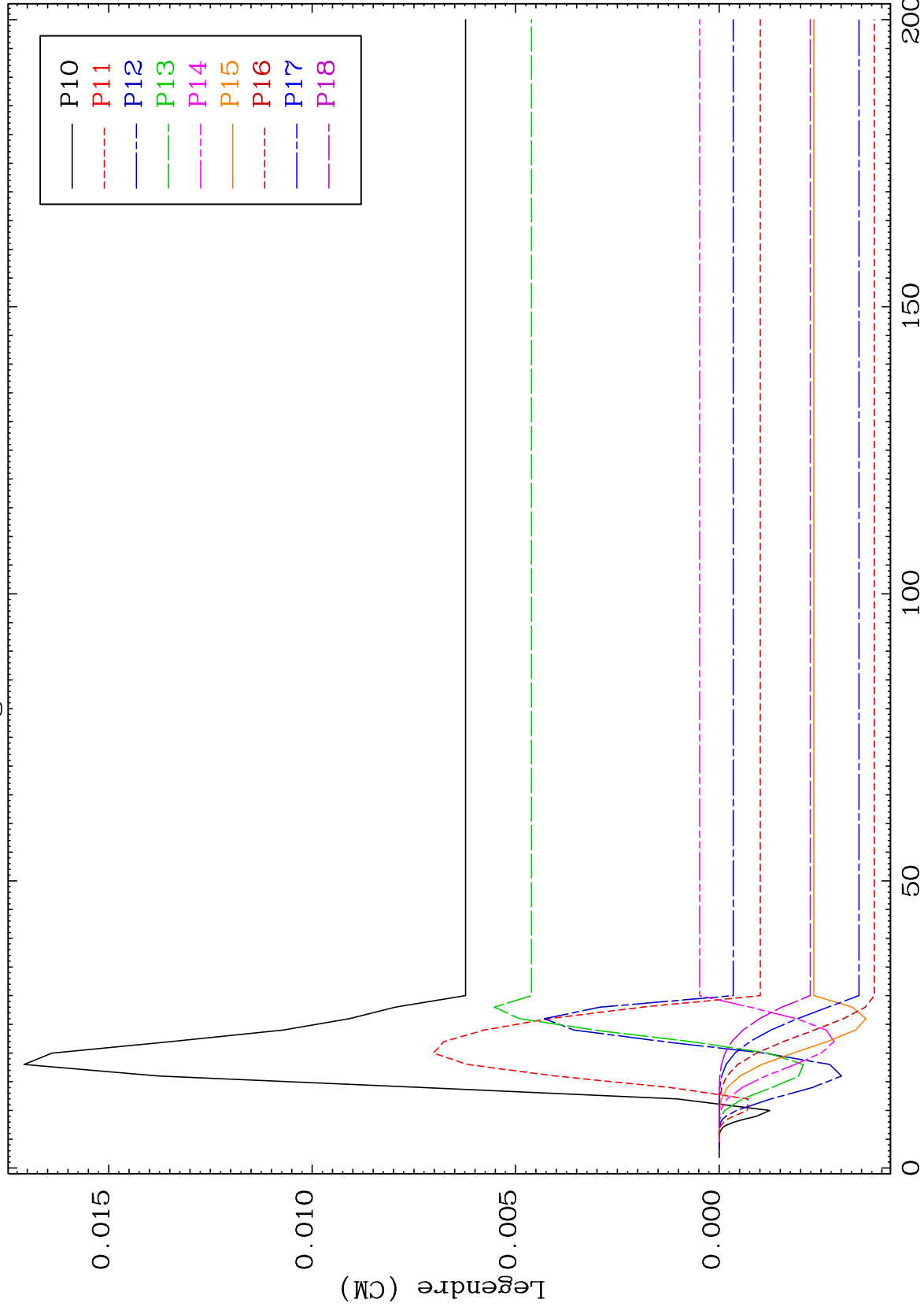
Incident Energy (MeV)

35-Br-81

MAT 3531

35-Br-81

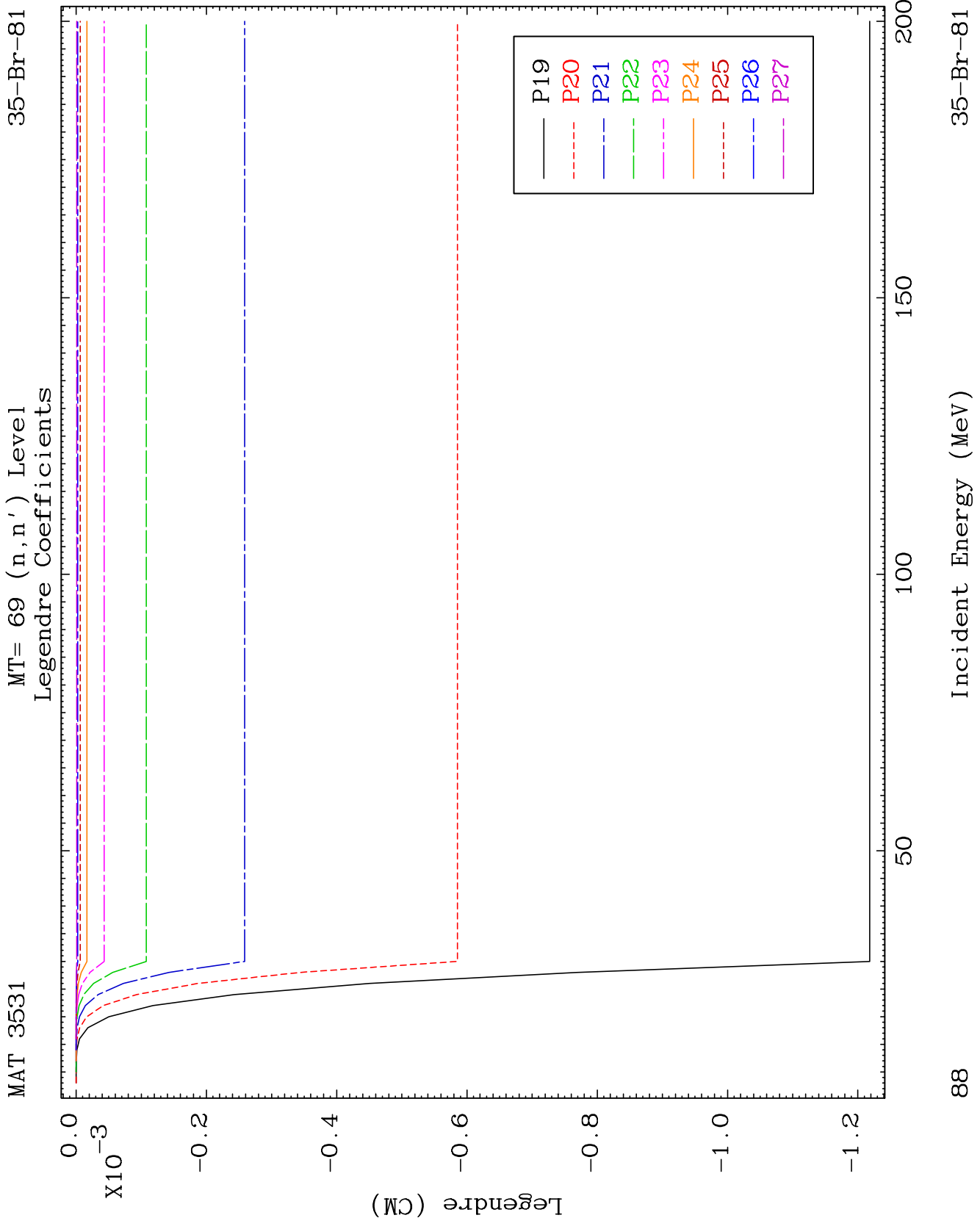
MT= 69 (n,n') Level
Legendre Coefficients

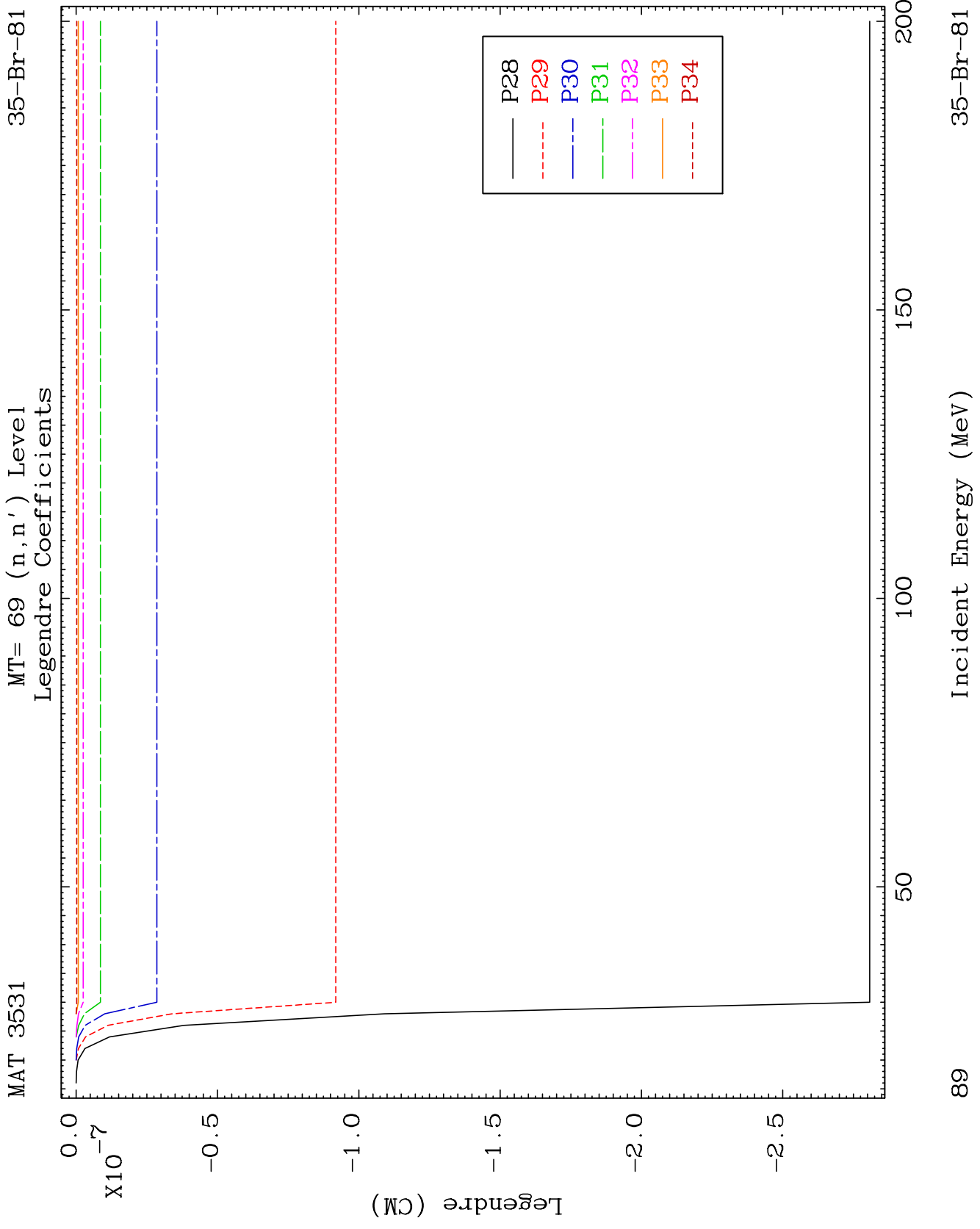


87

Incident Energy (MeV)

35-Br-81

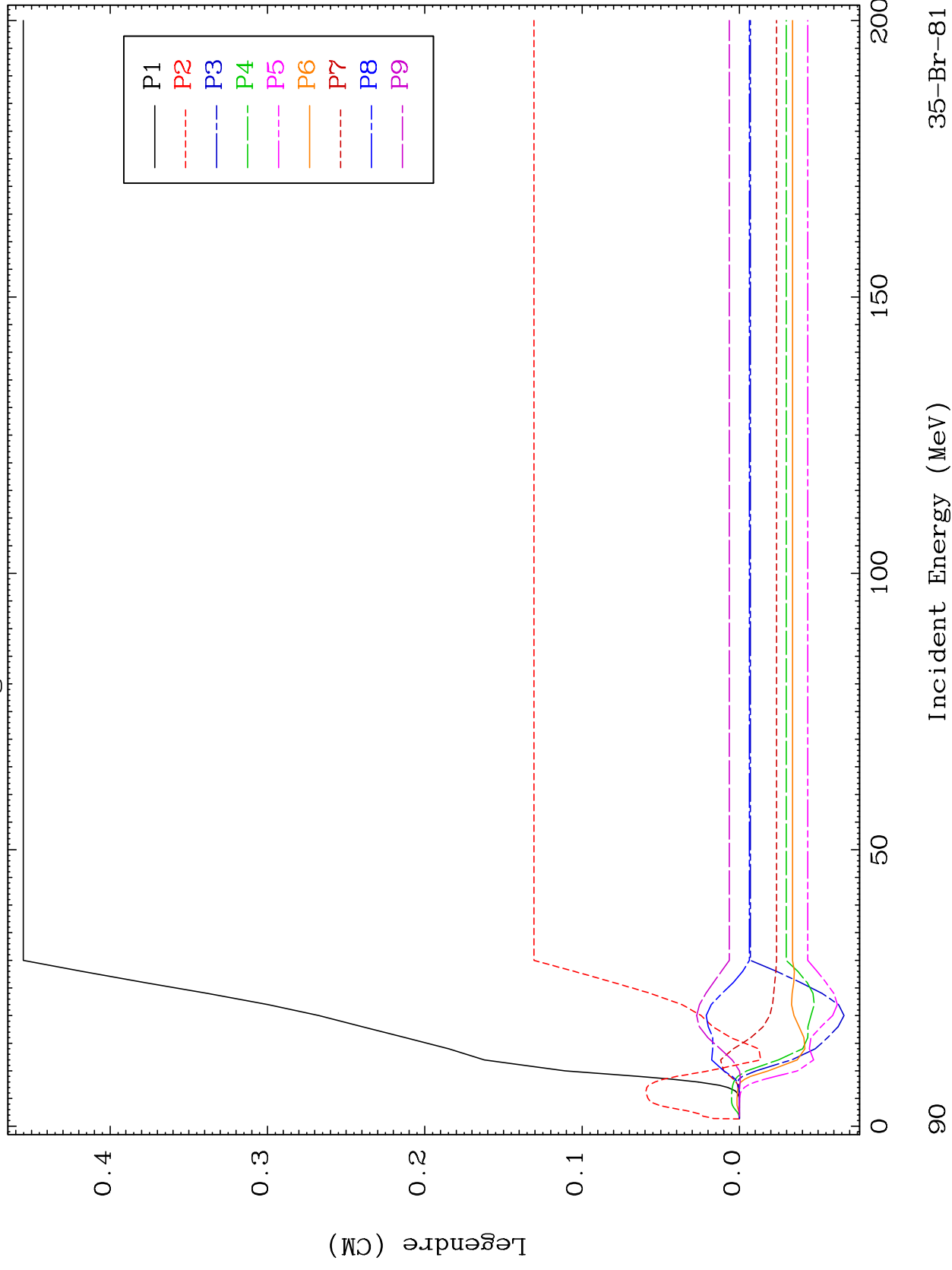




MAT 3531

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

35-Br-81



35-Br-81

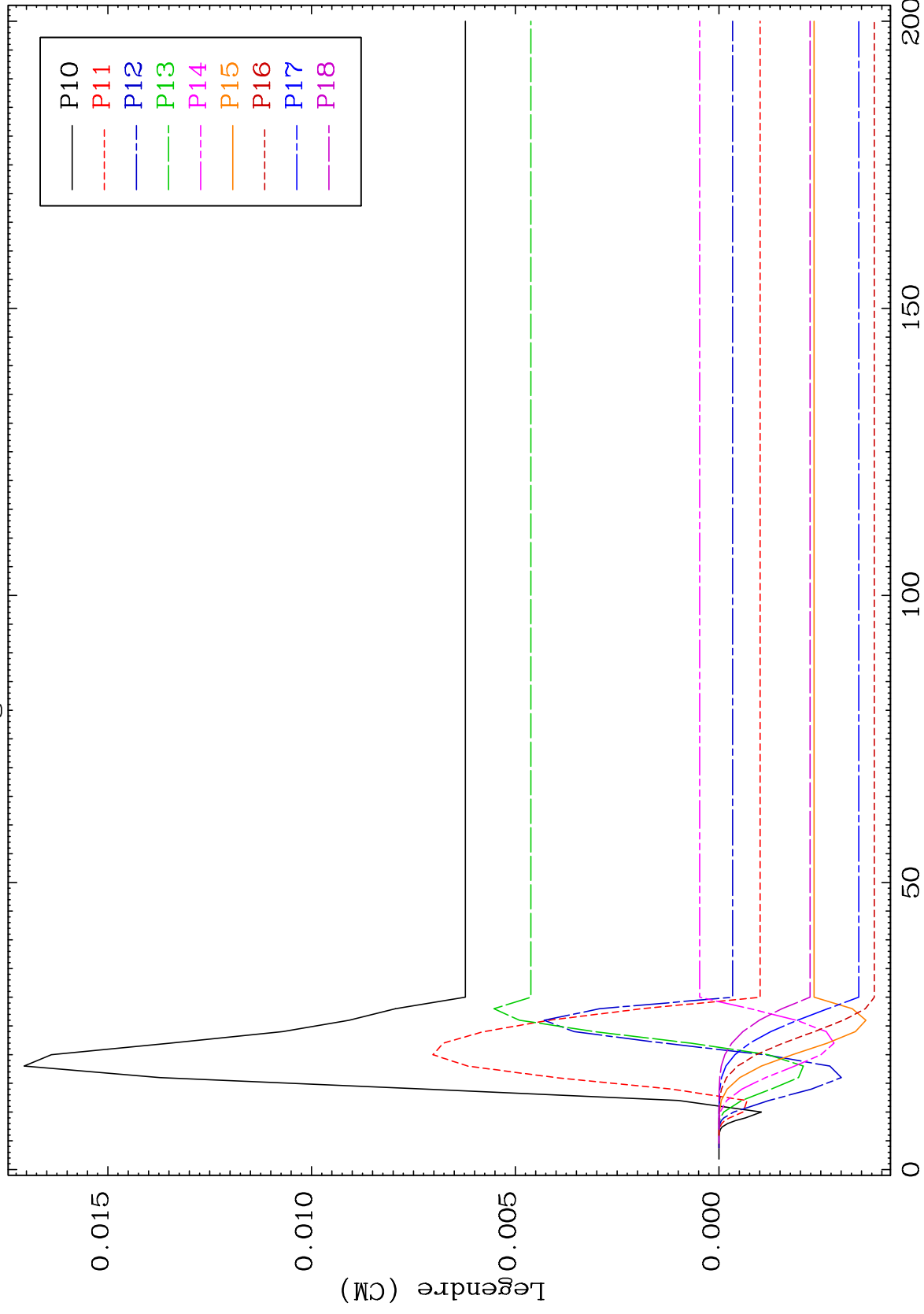
Incident Energy (MeV)

90

MAT 3531

35-Br-81

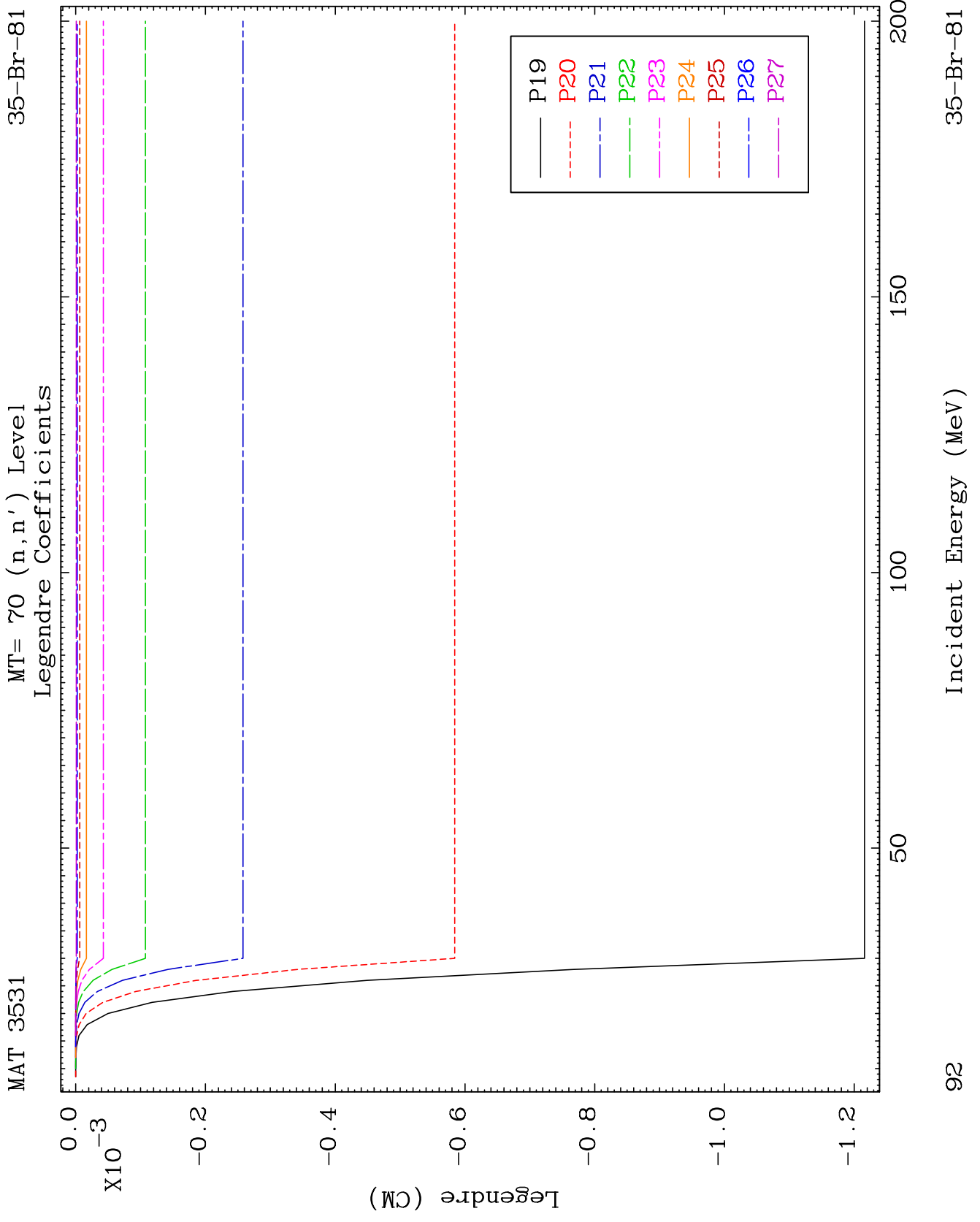
MT= 70 (n,n') Level
Legendre Coefficients

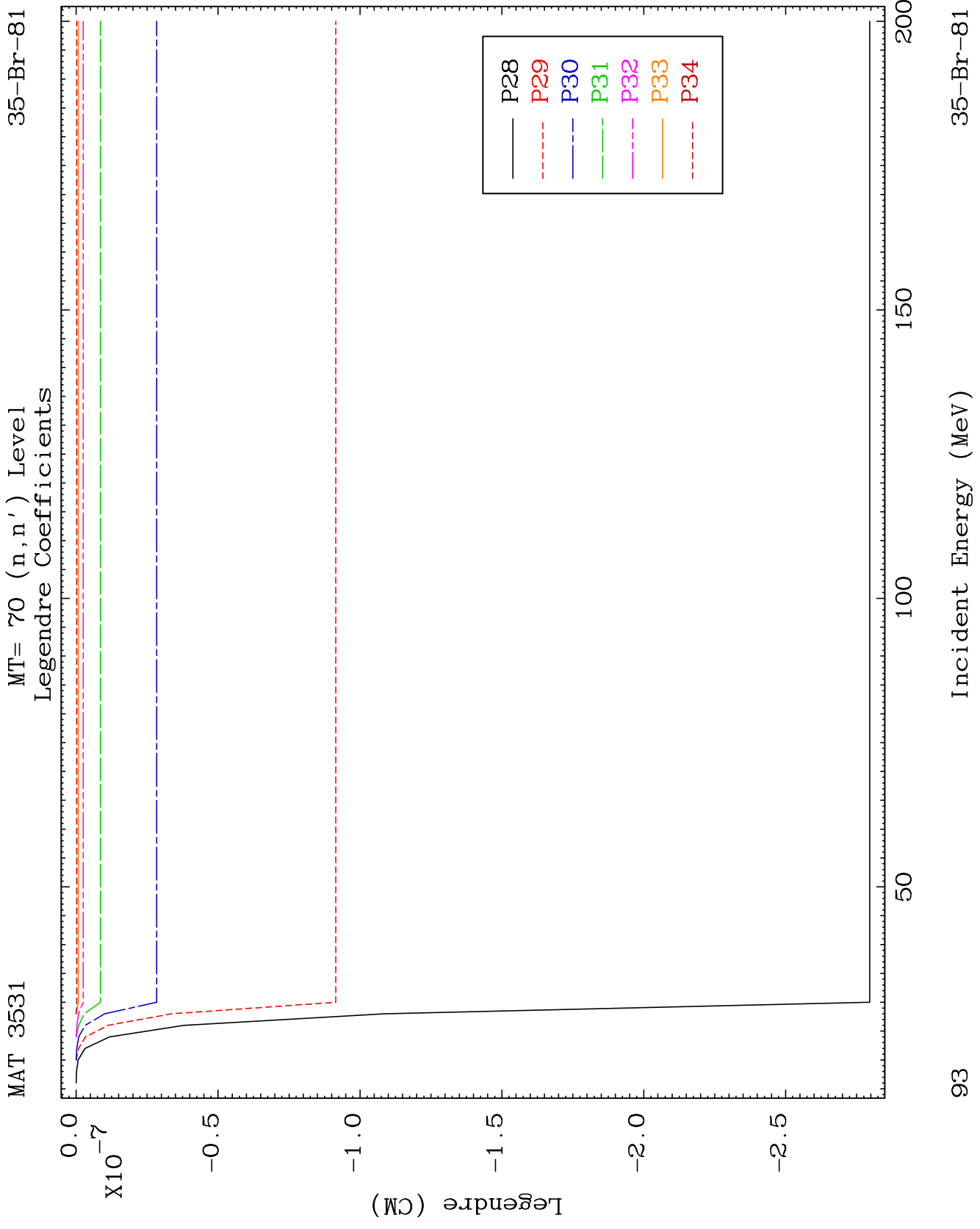


91

Incident Energy (MeV)

35-Br-81

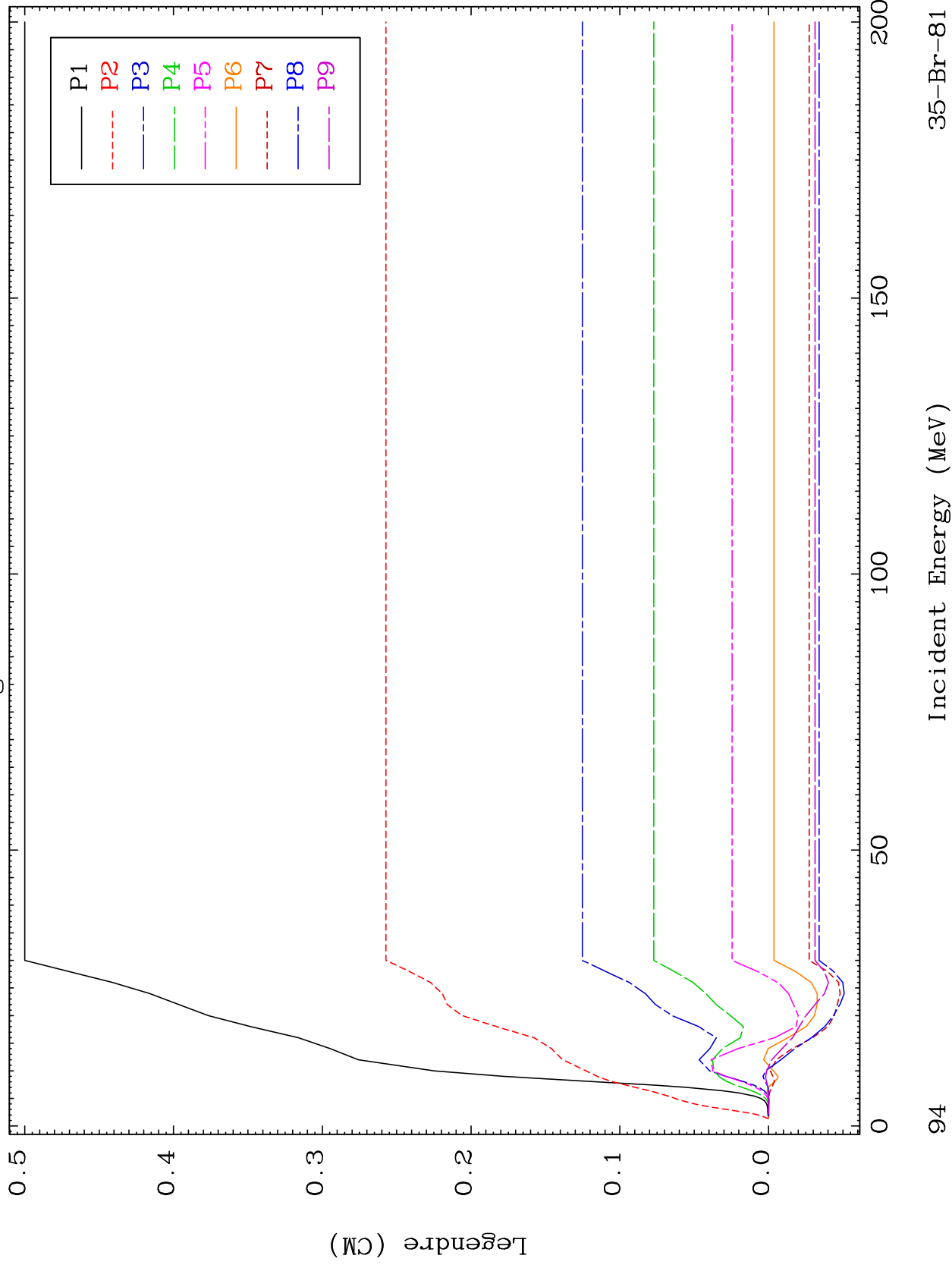




MAT 3531

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

35-Br-81



94

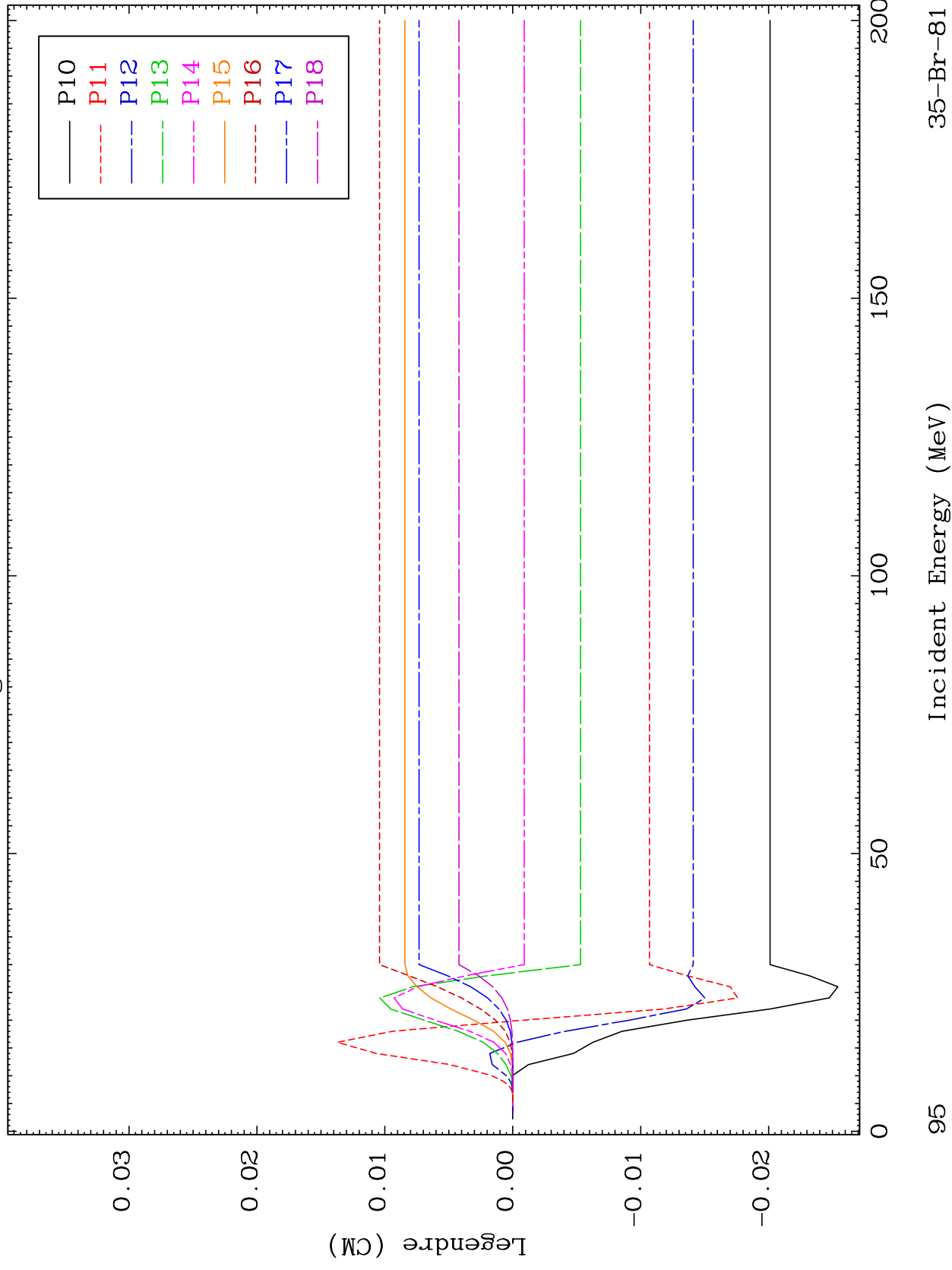
Incident Energy (MeV)

35-Br-81

MAT 3531

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

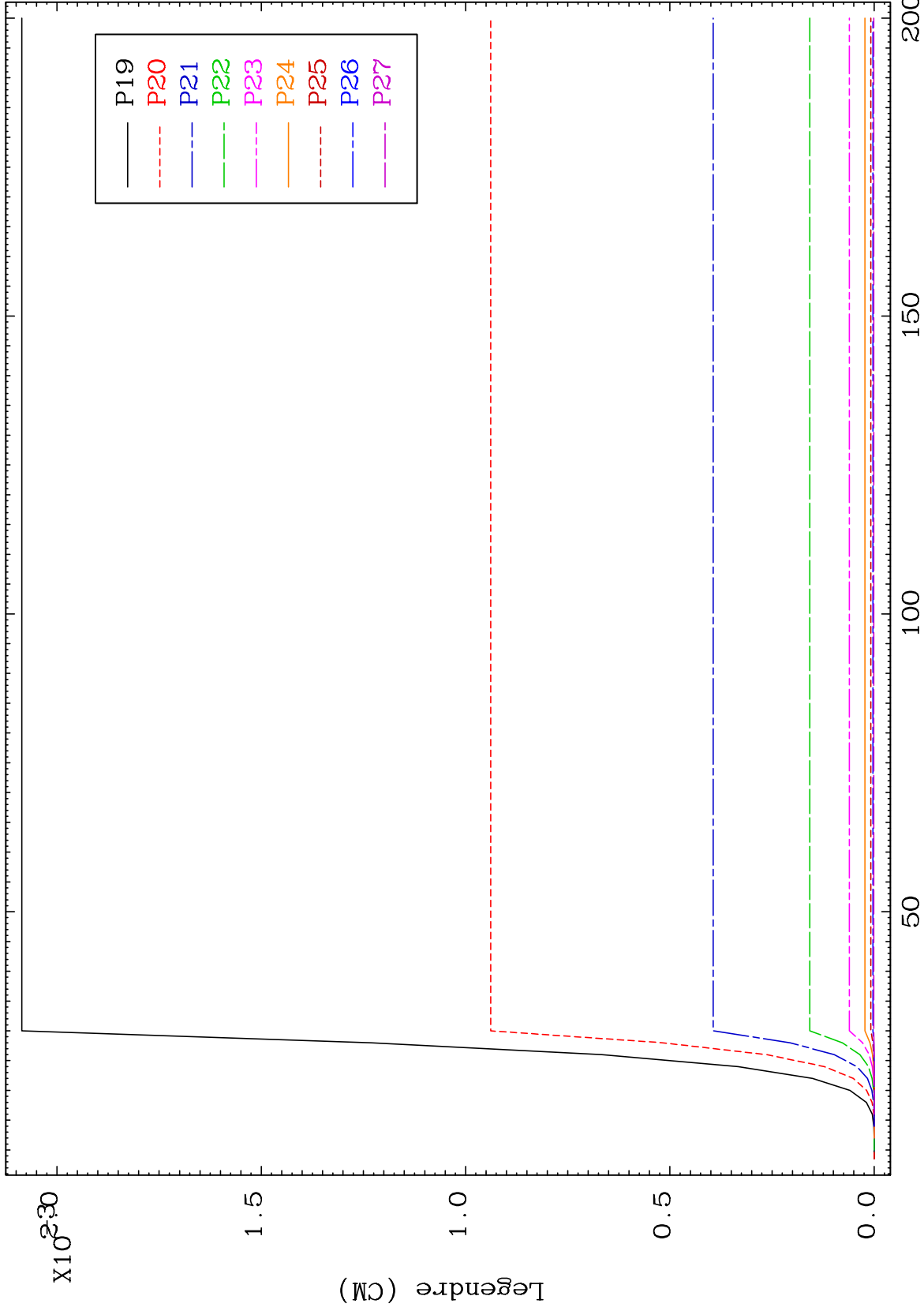
35-Br-81



35-Br-81

Incident Energy (MeV)

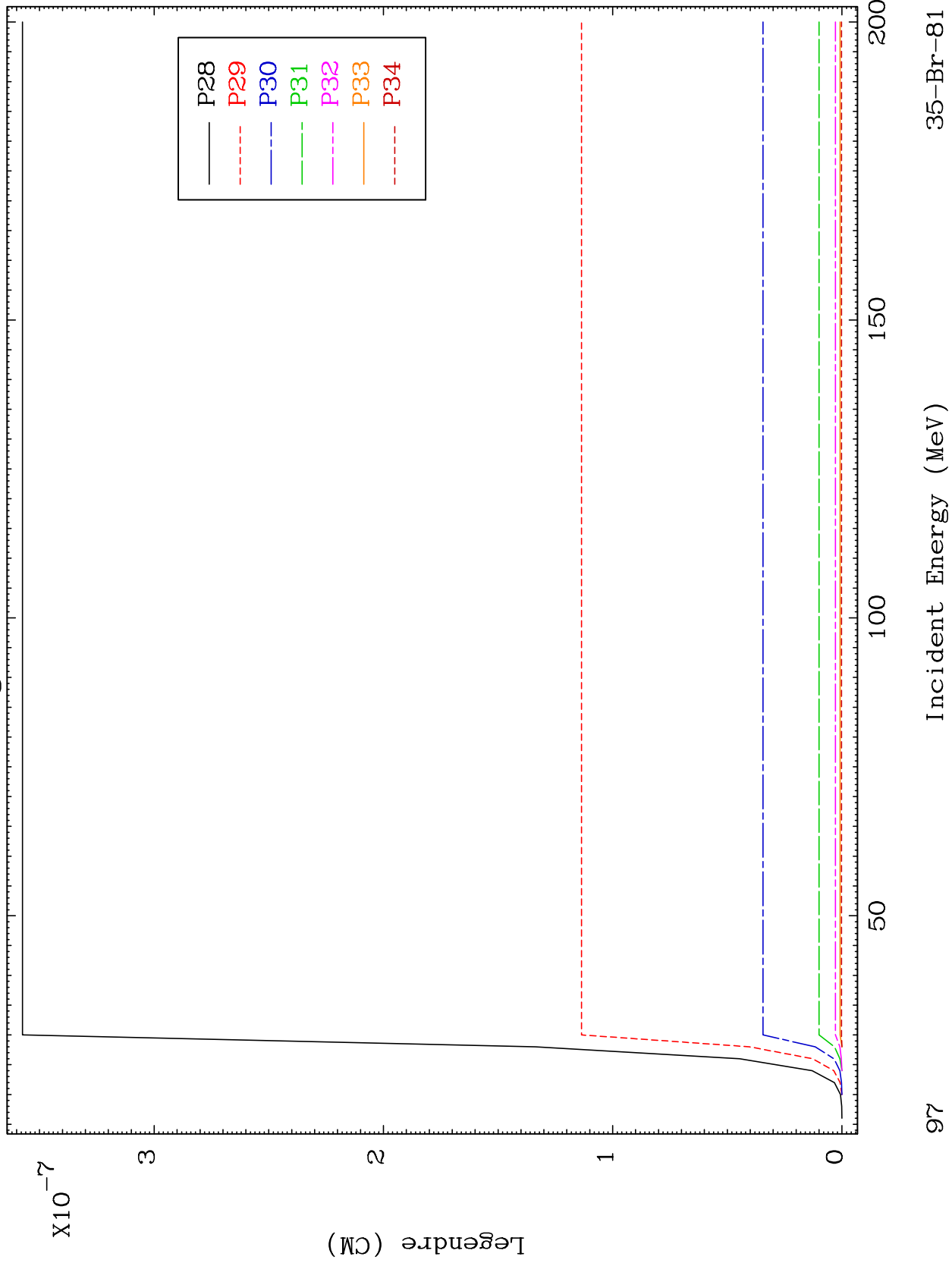
95



MAT 3531

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

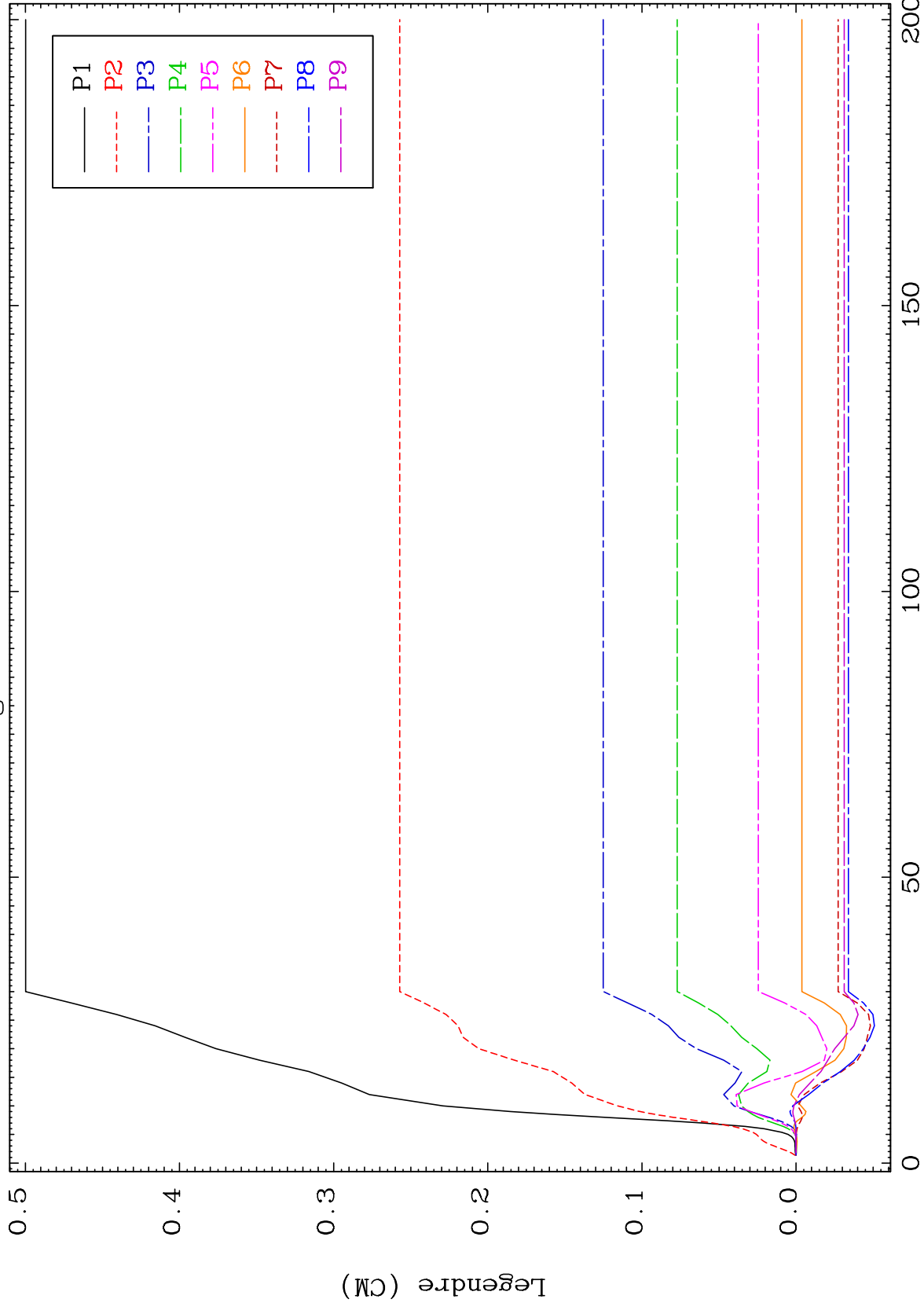
35-Br-81



MAT 3531

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

35-Br-81



98

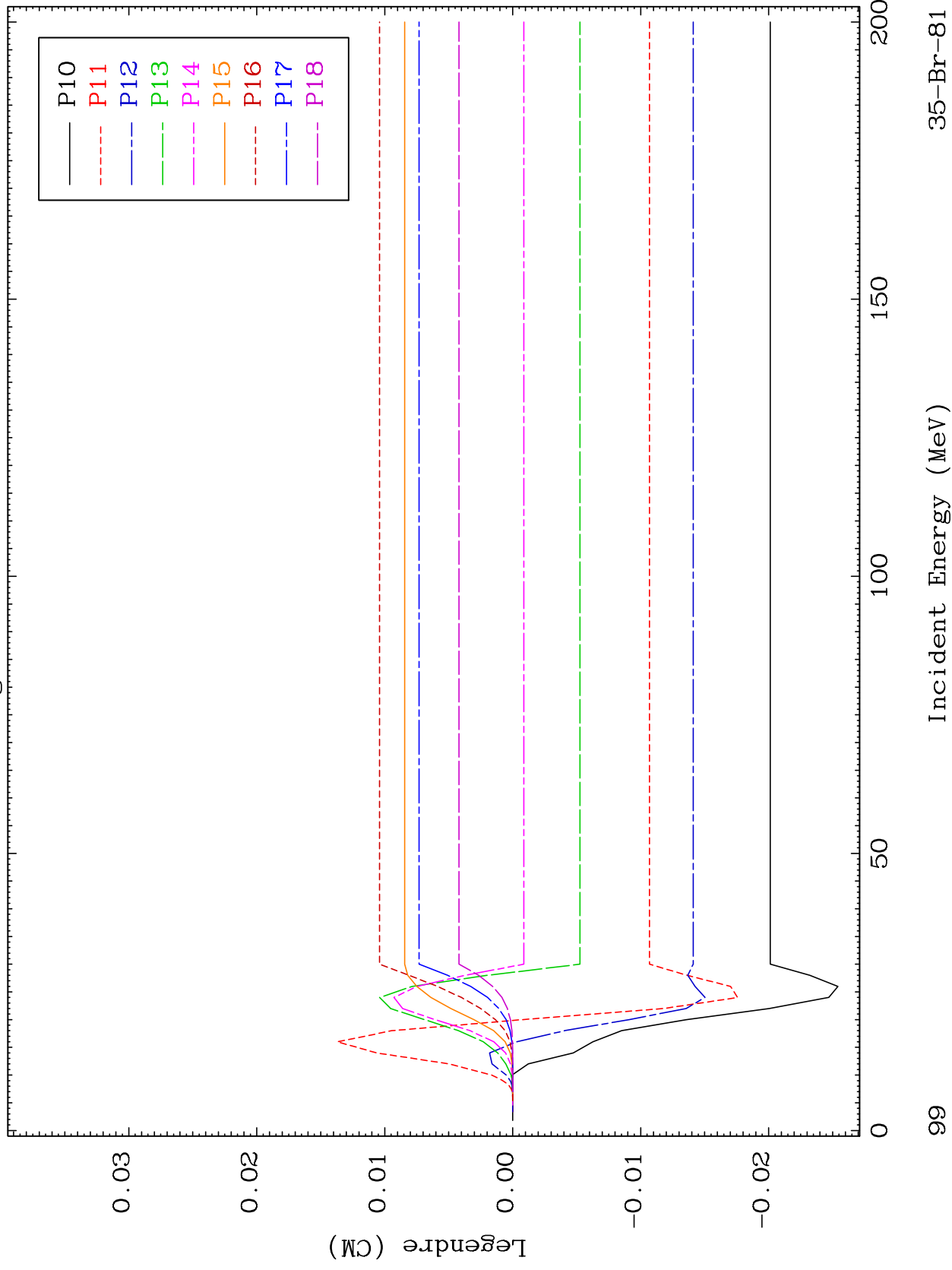
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



99

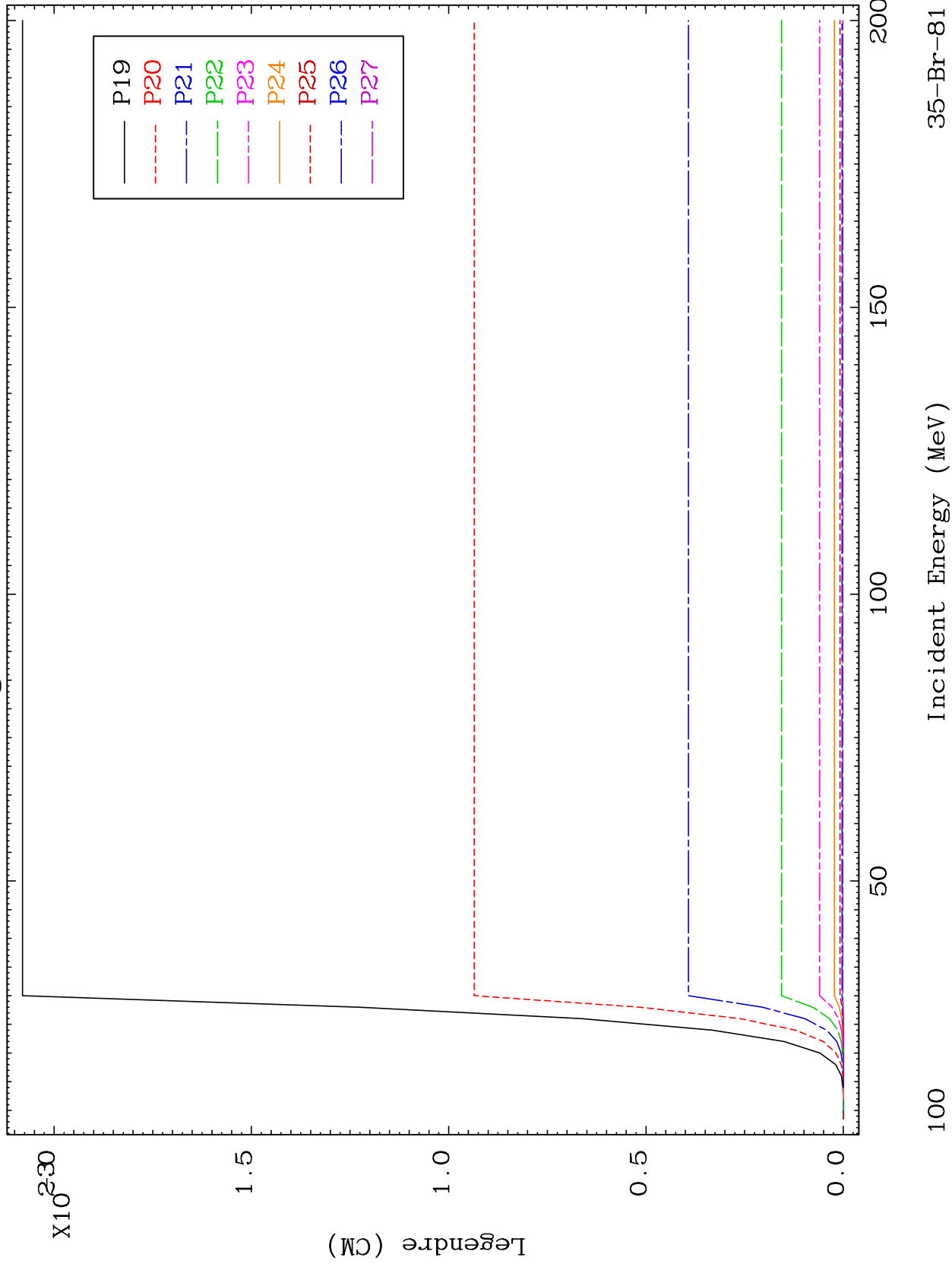
Incident Energy (MeV)

35-Br-81

MAT 3531

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

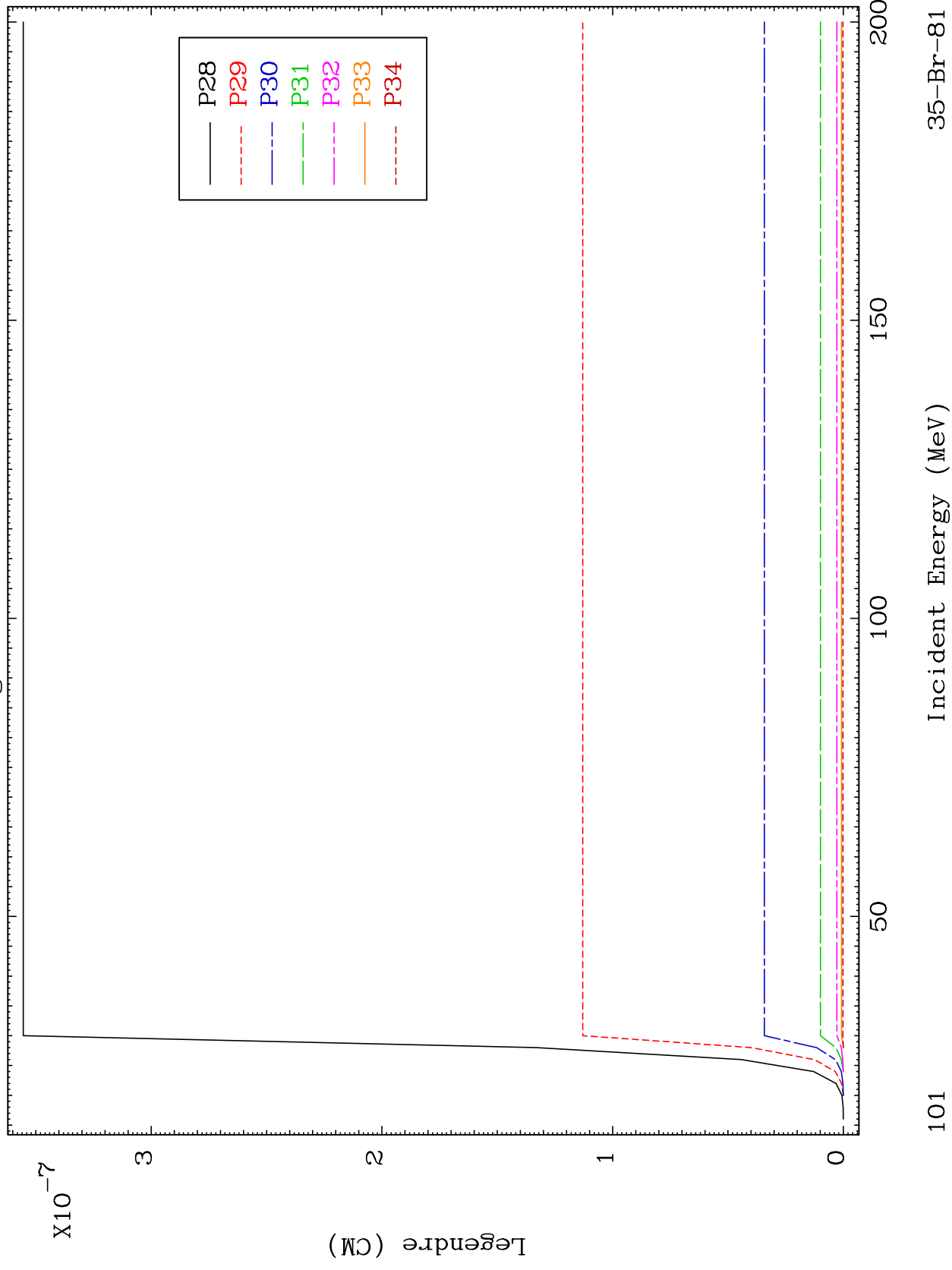
35-Br-81



MAT 3531

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

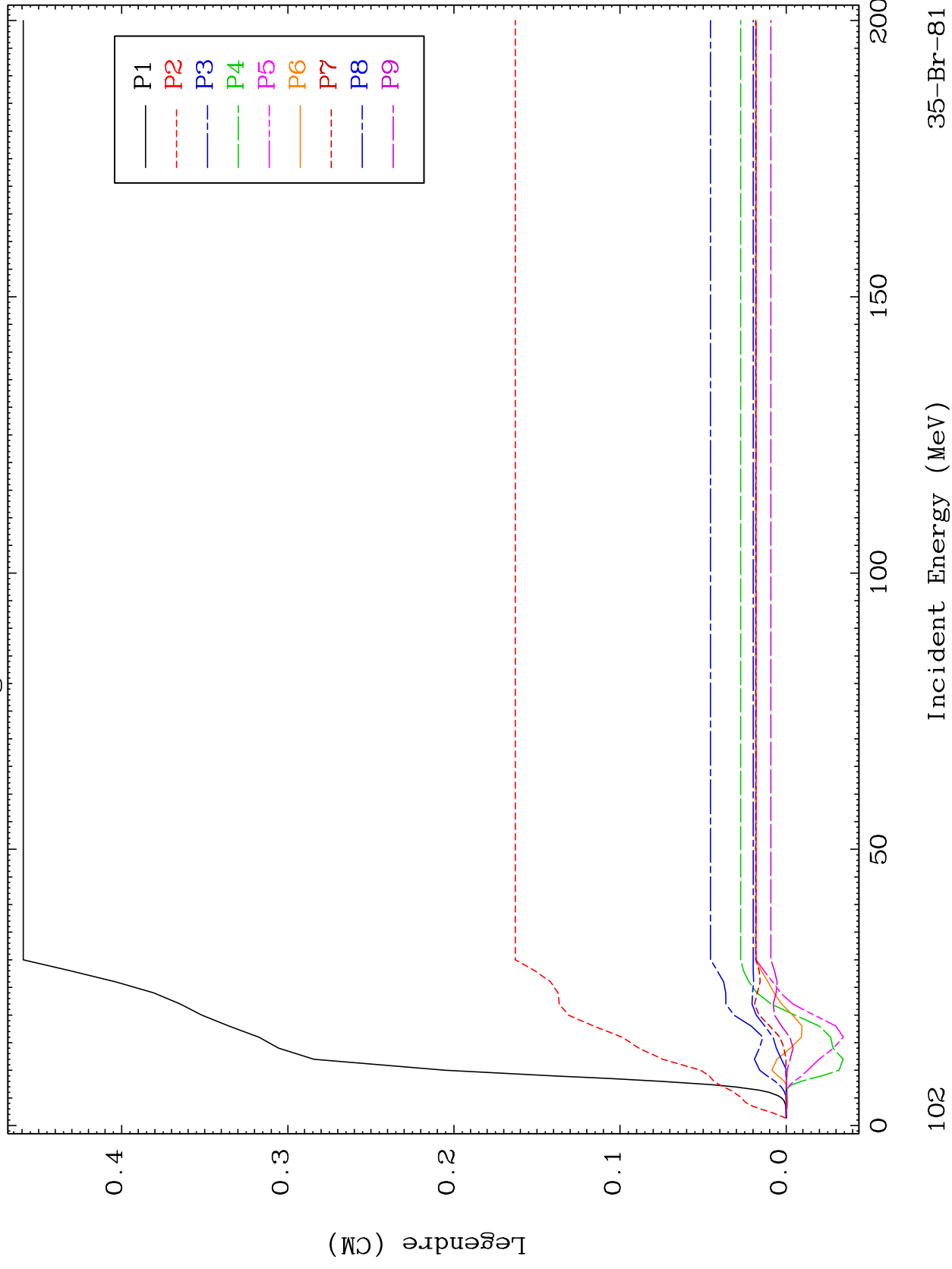
35-Br-81



MAT 3531

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

35-Br-81



35-Br-81

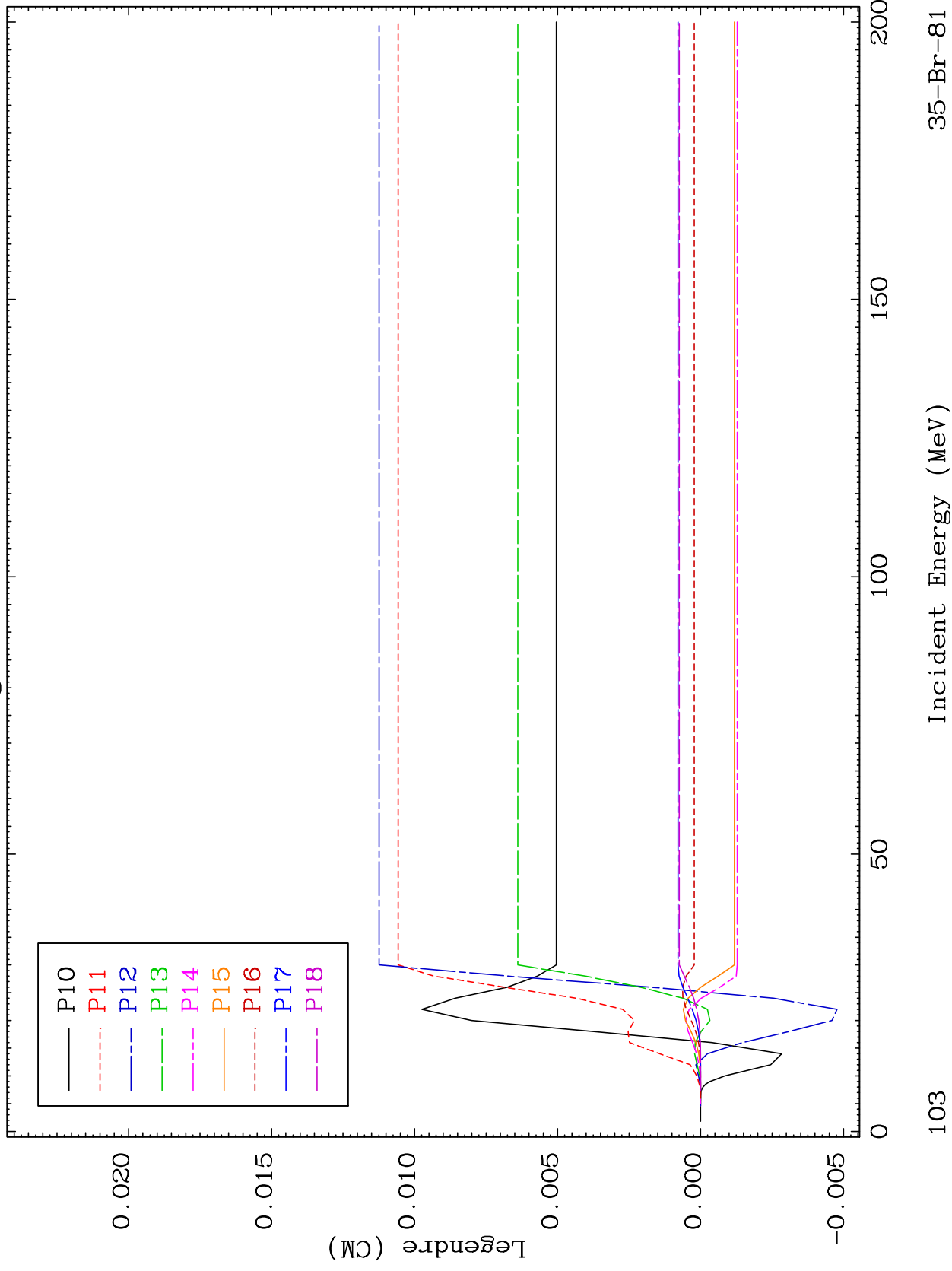
Incident Energy (MeV)

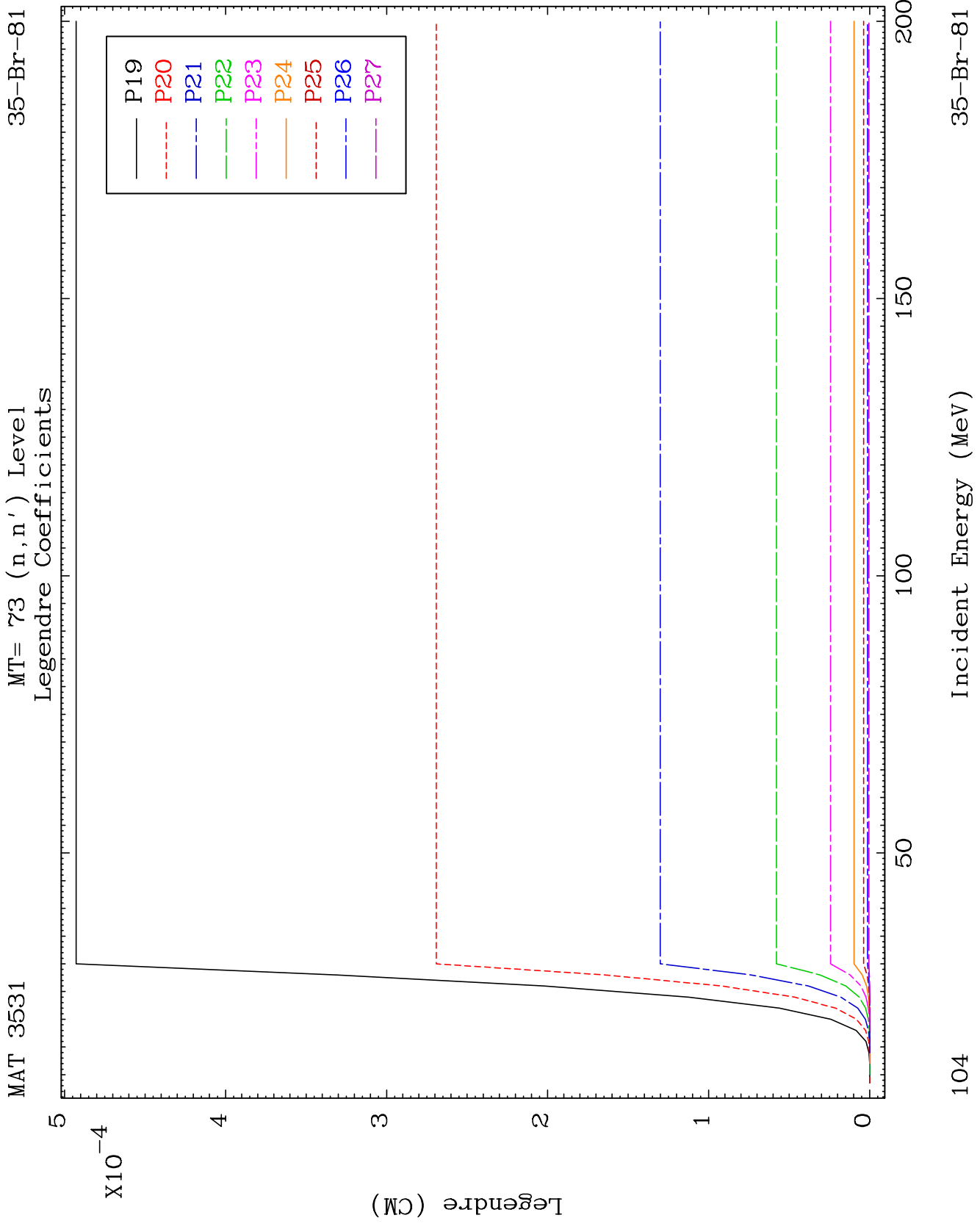
102

MAT 3531

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

35-Br-81

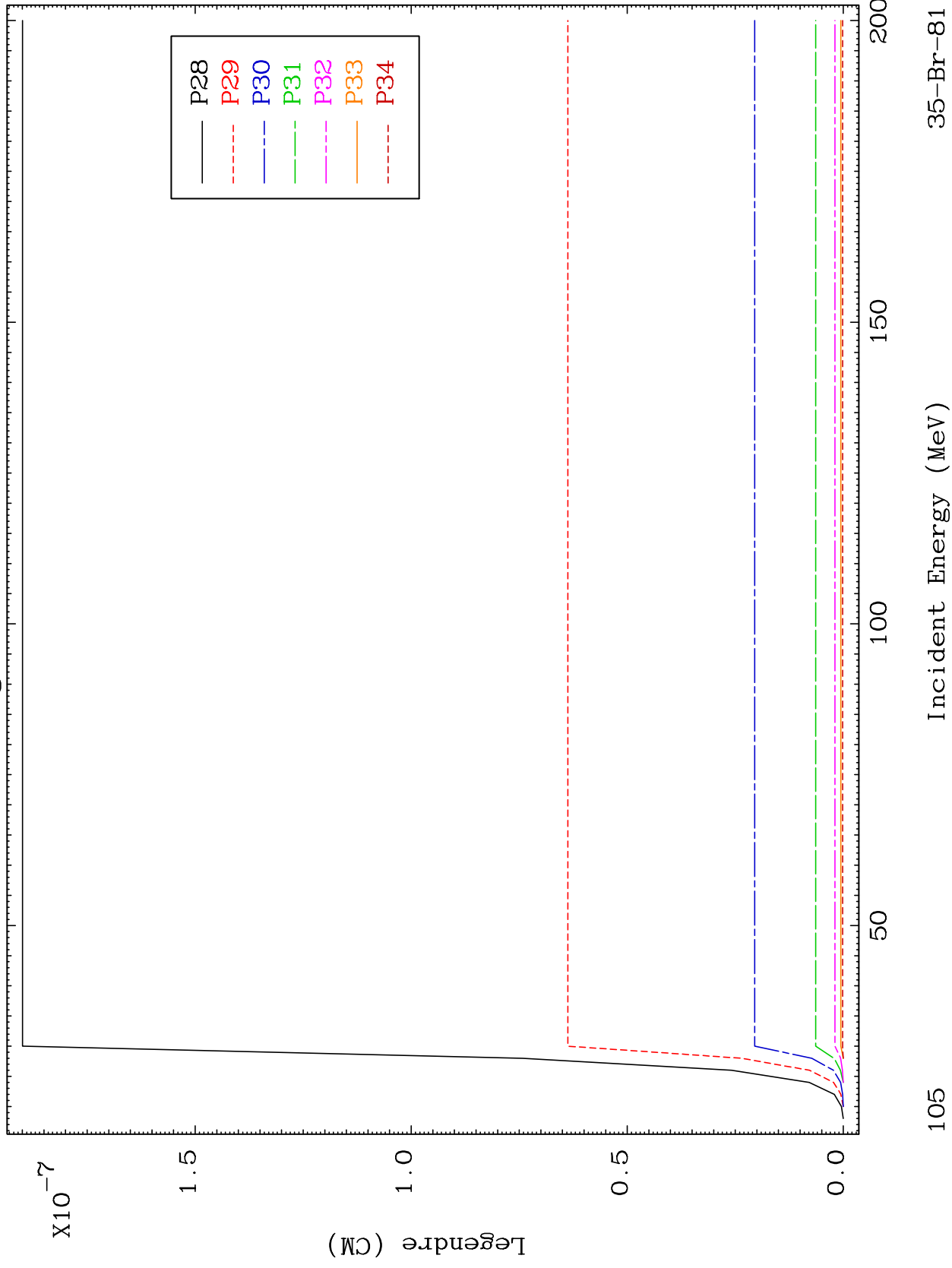




MAT 3531

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

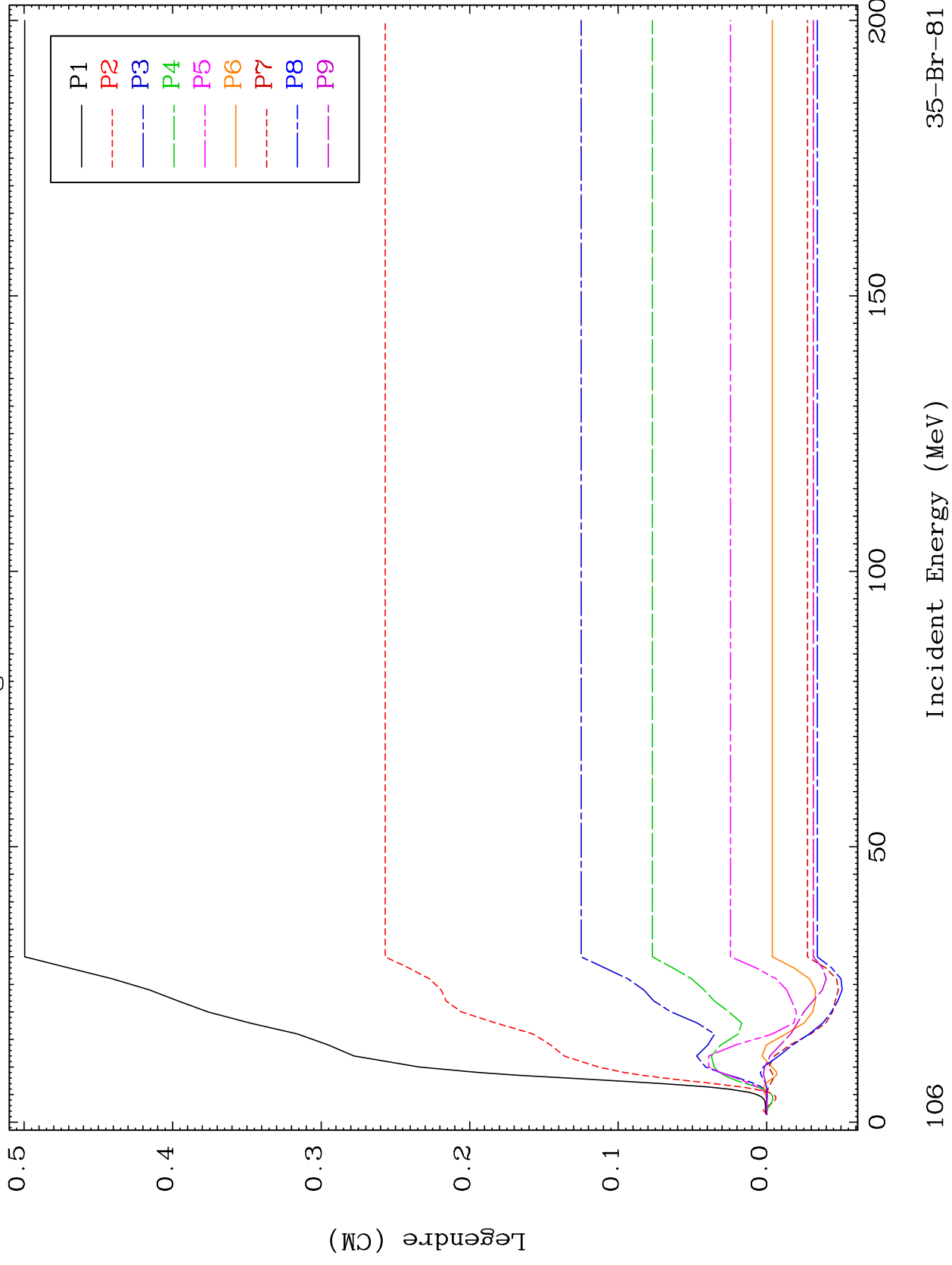
35-Br-81



MAT 3531

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

35-Br-81



35-Br-81

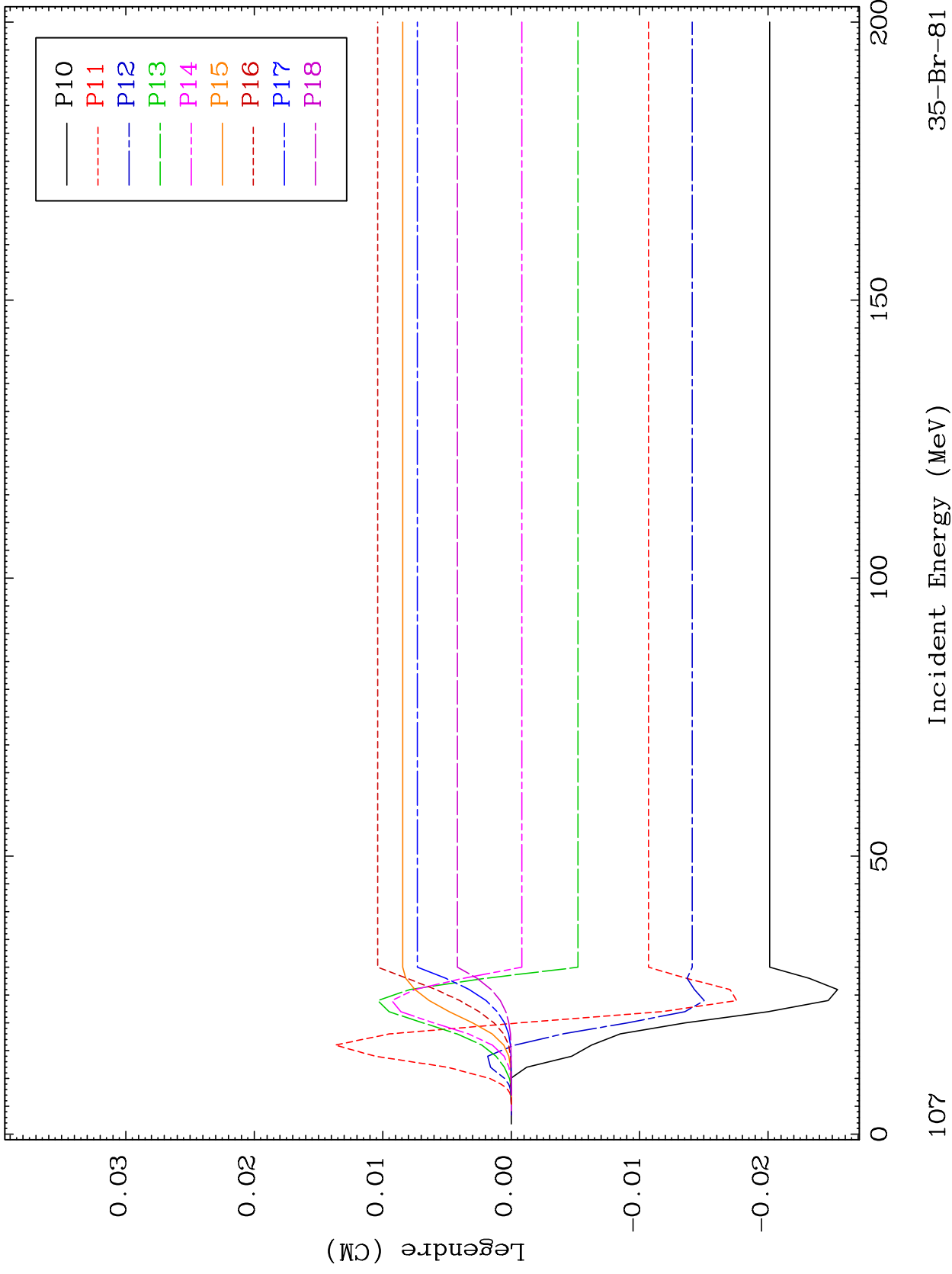
Incident Energy (MeV)

106

MAT 3531

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

35-Br-81



107

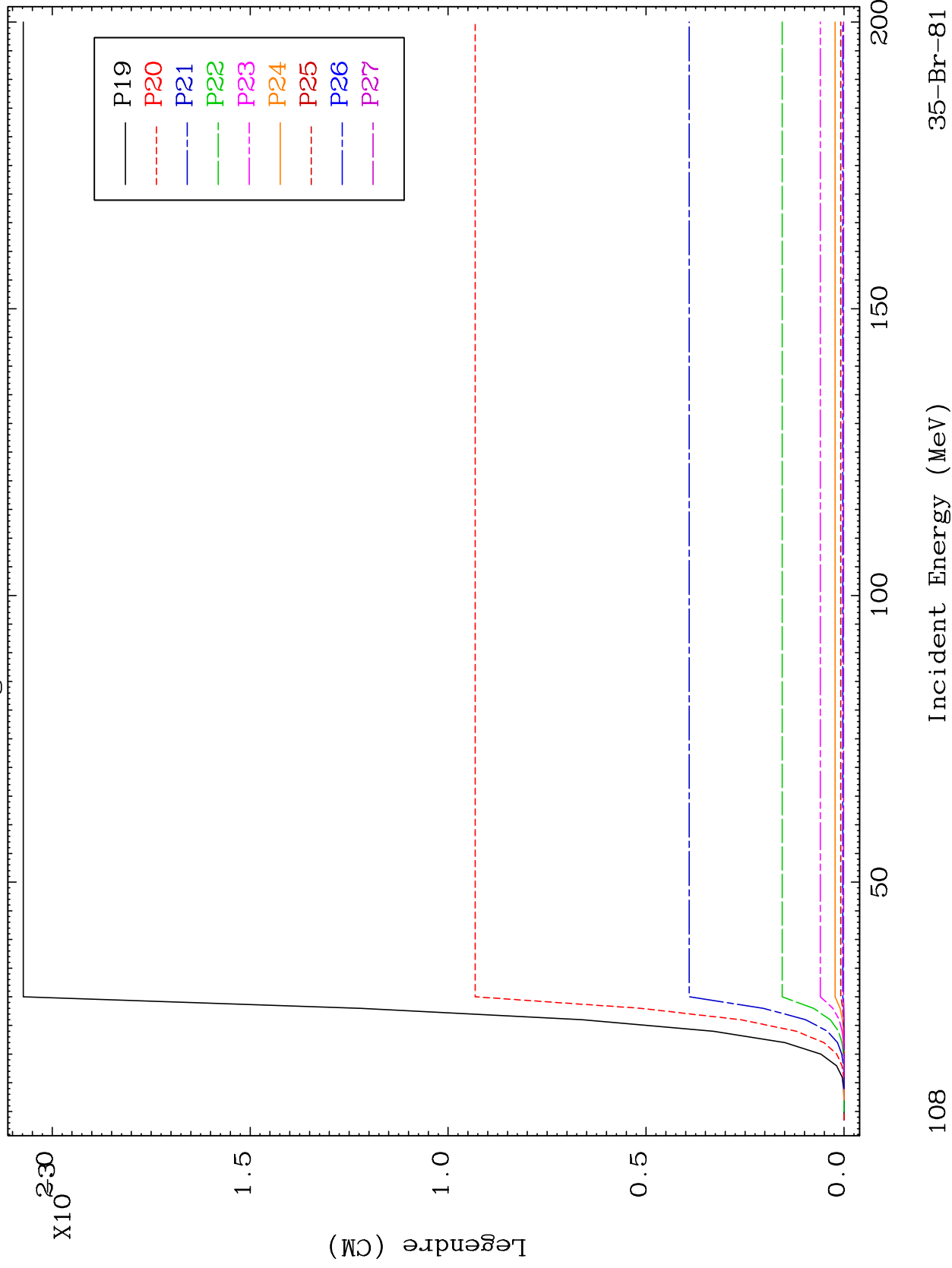
Incident Energy (MeV)

35-Br-81

MAT 3531

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

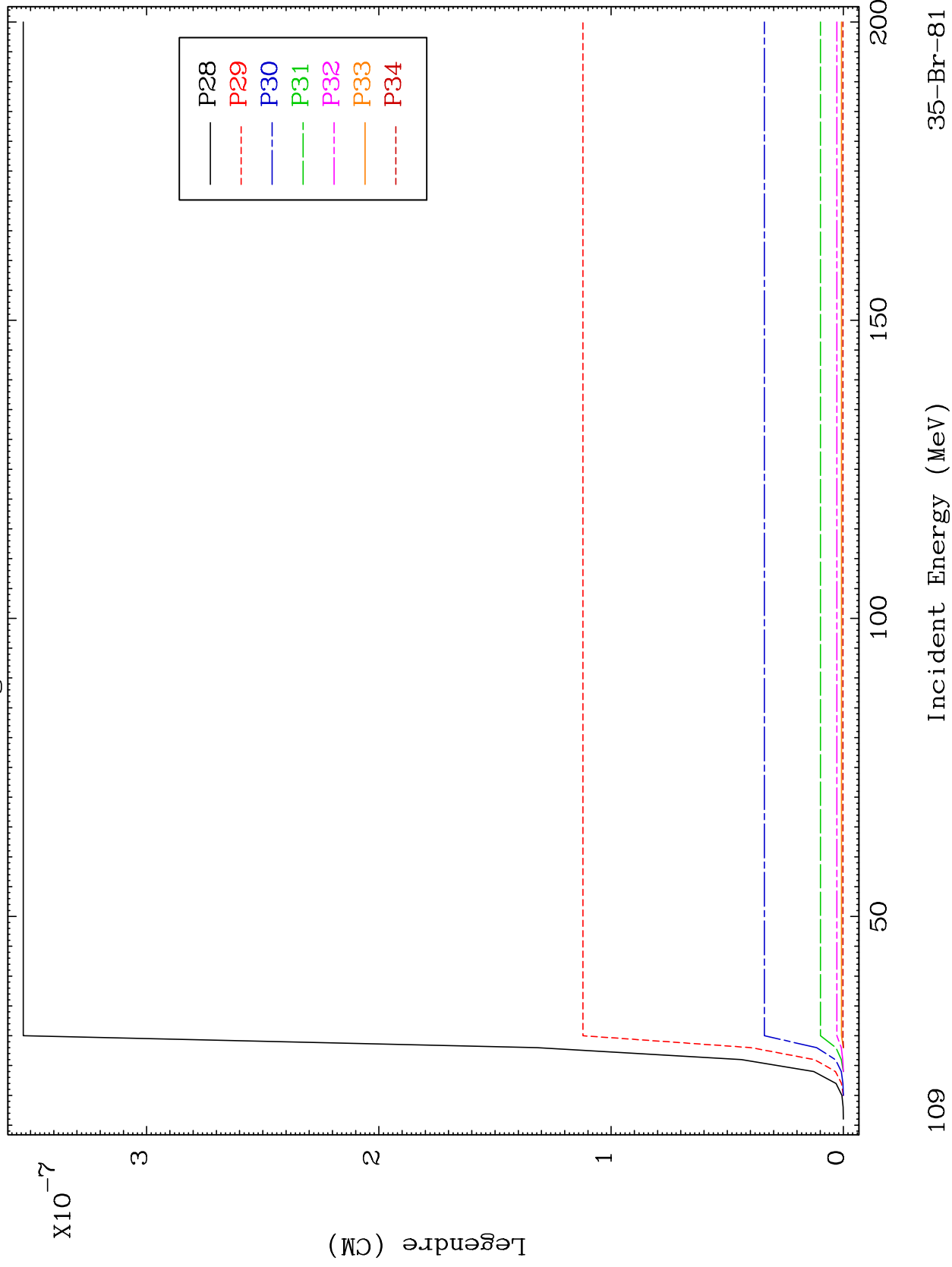
35-Br-81



MAT 3531

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

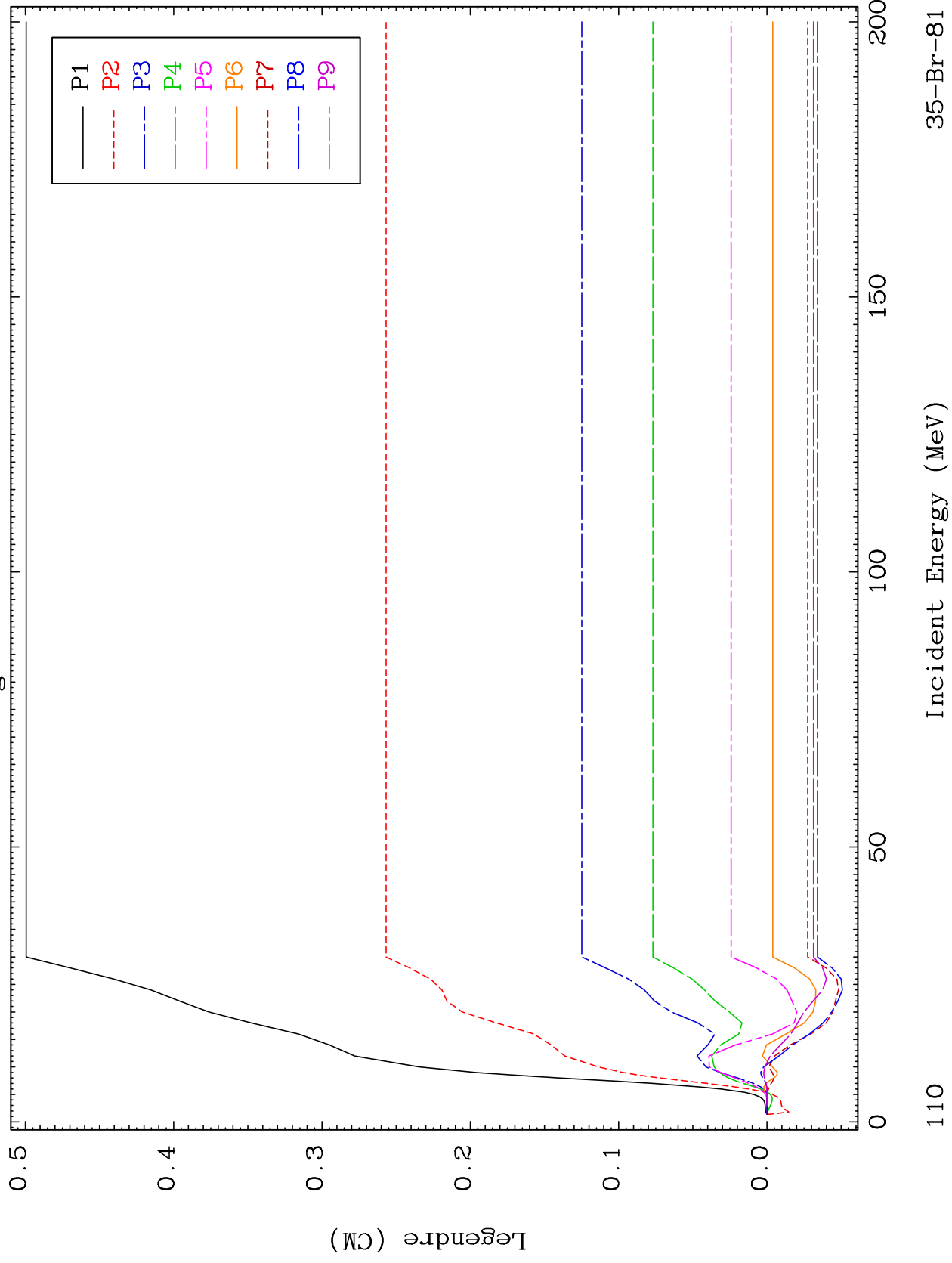
35-Br-81



MAT 3531

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

35-Br-81



35-Br-81

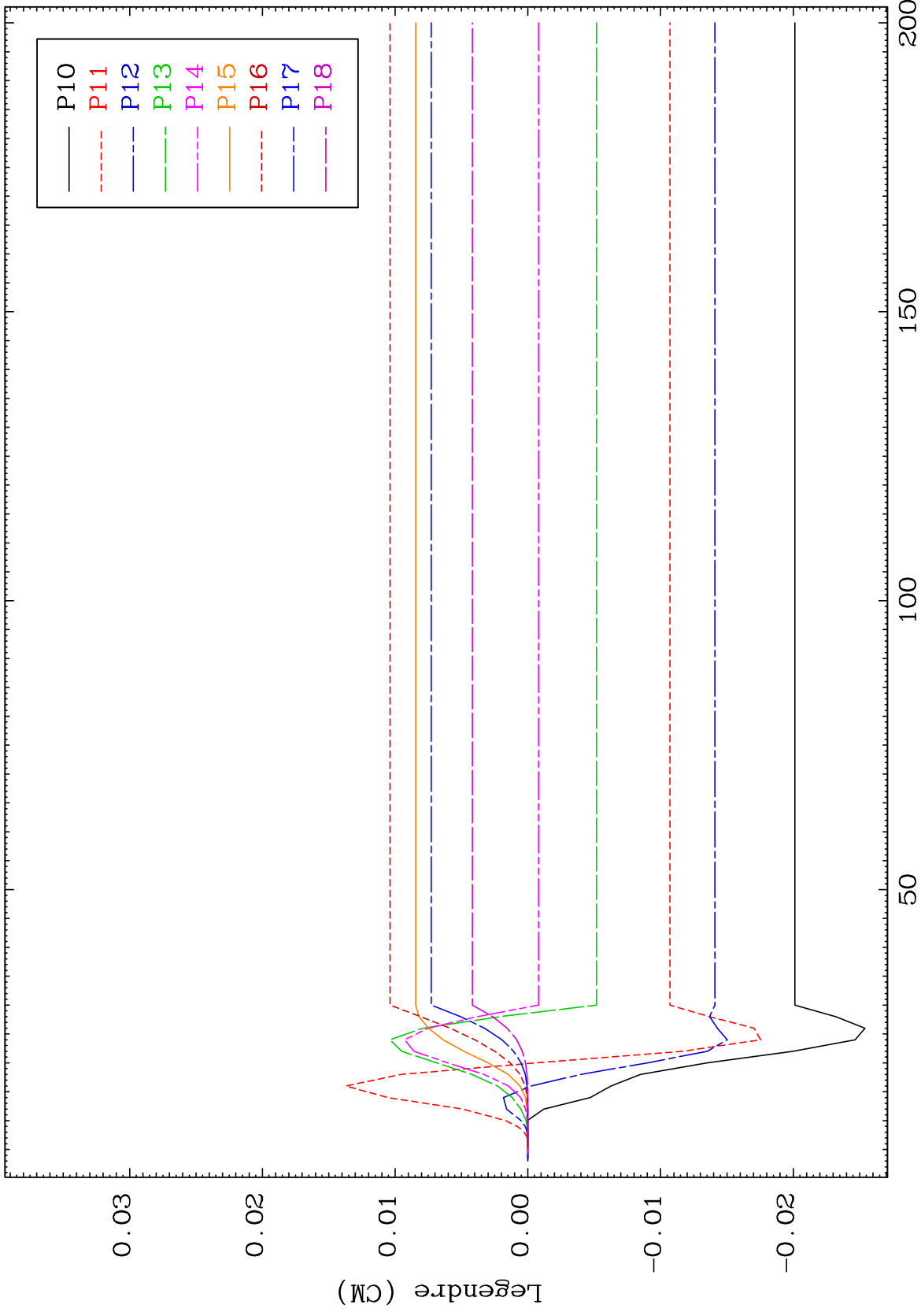
Incident Energy (MeV)

110

MAT 3531

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

35-Br-81



111

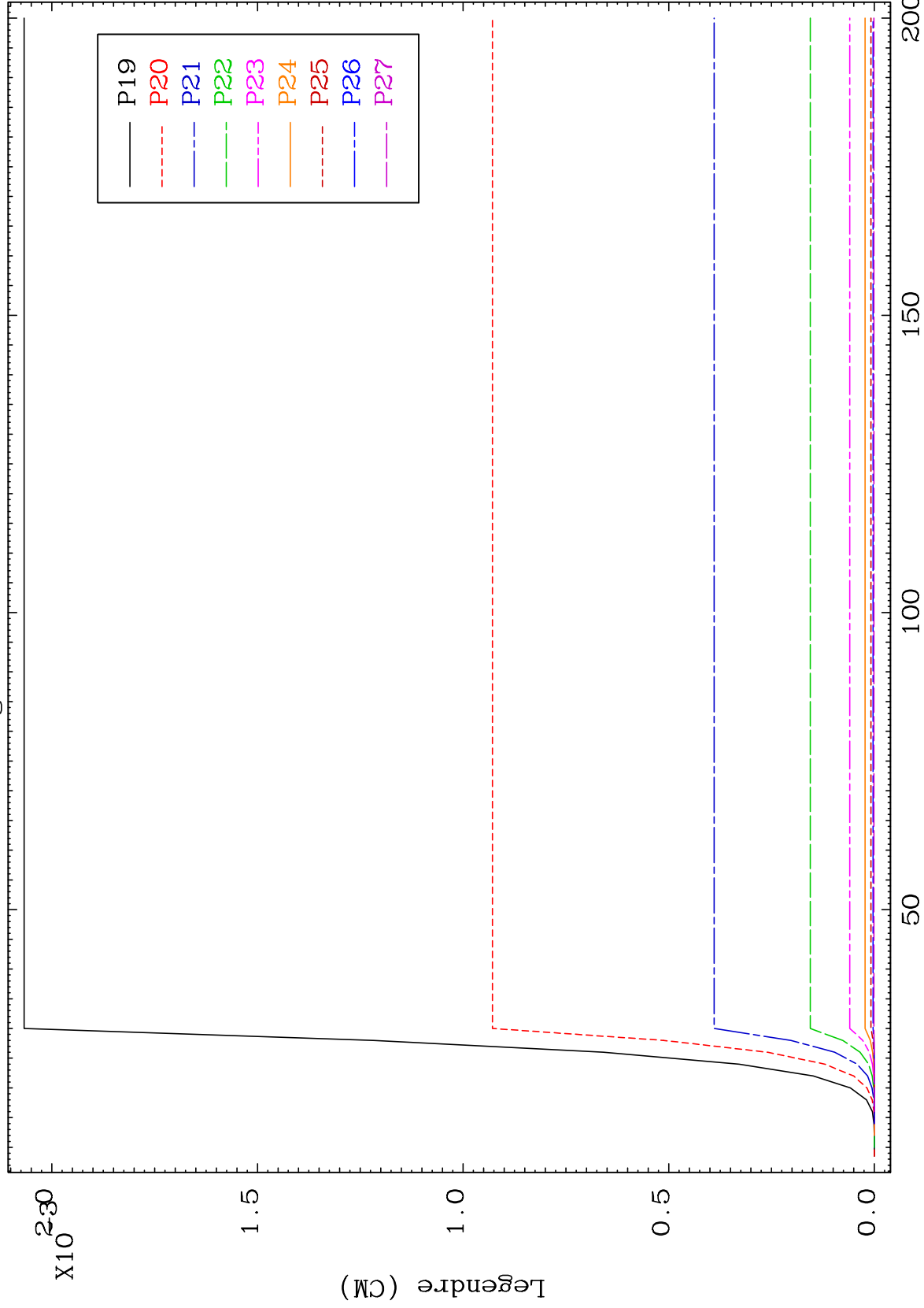
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



112

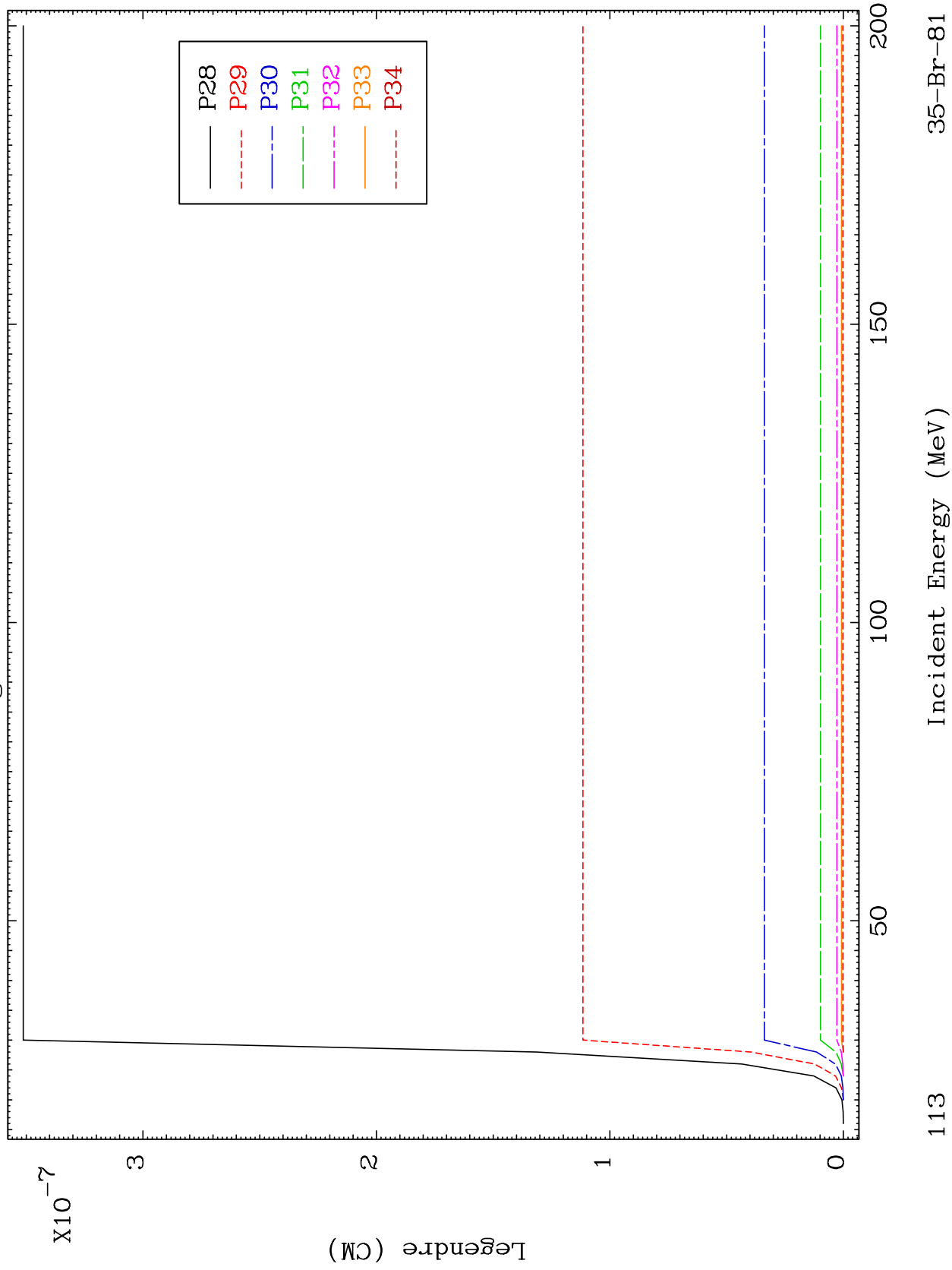
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



113

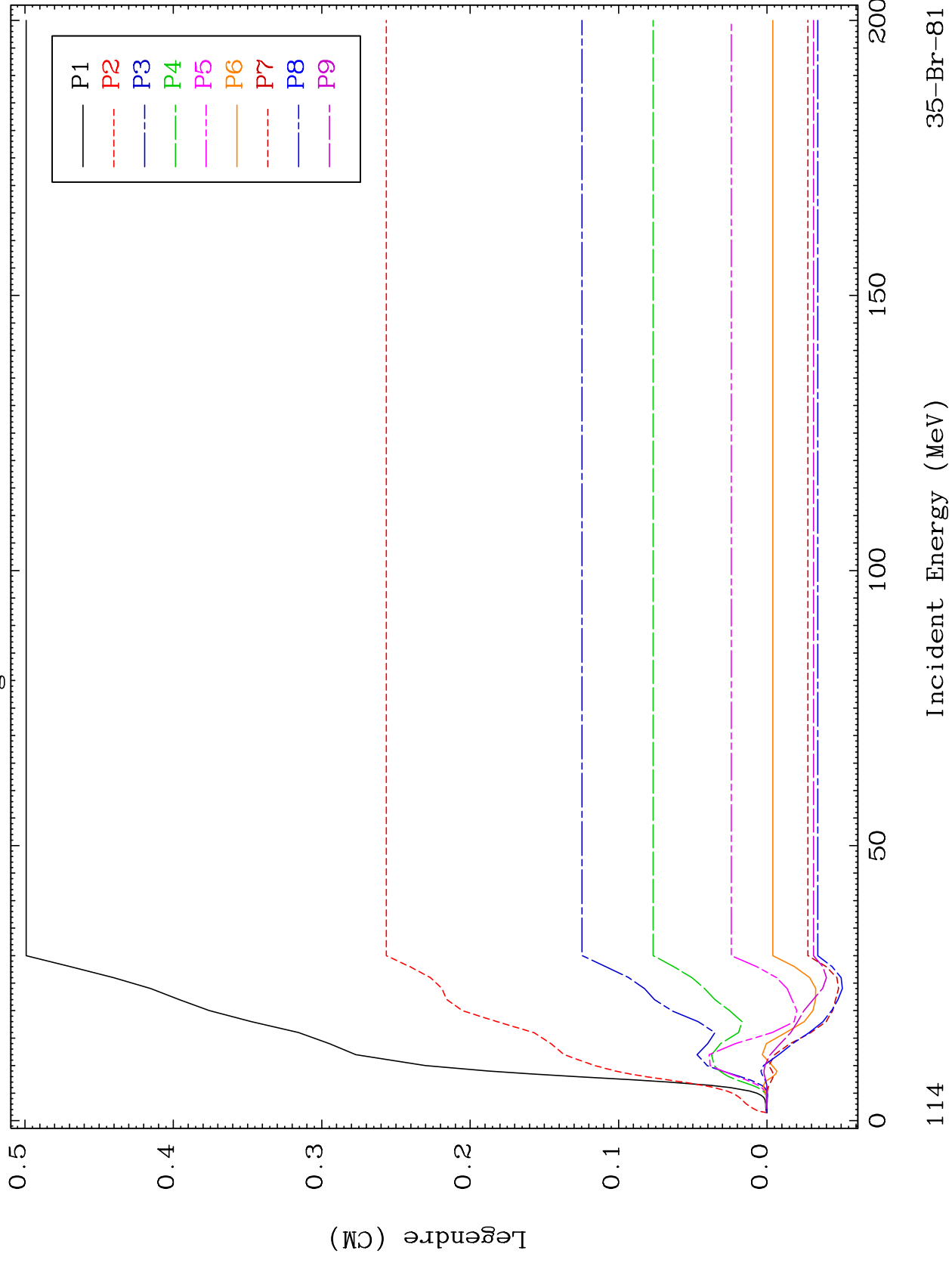
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



114

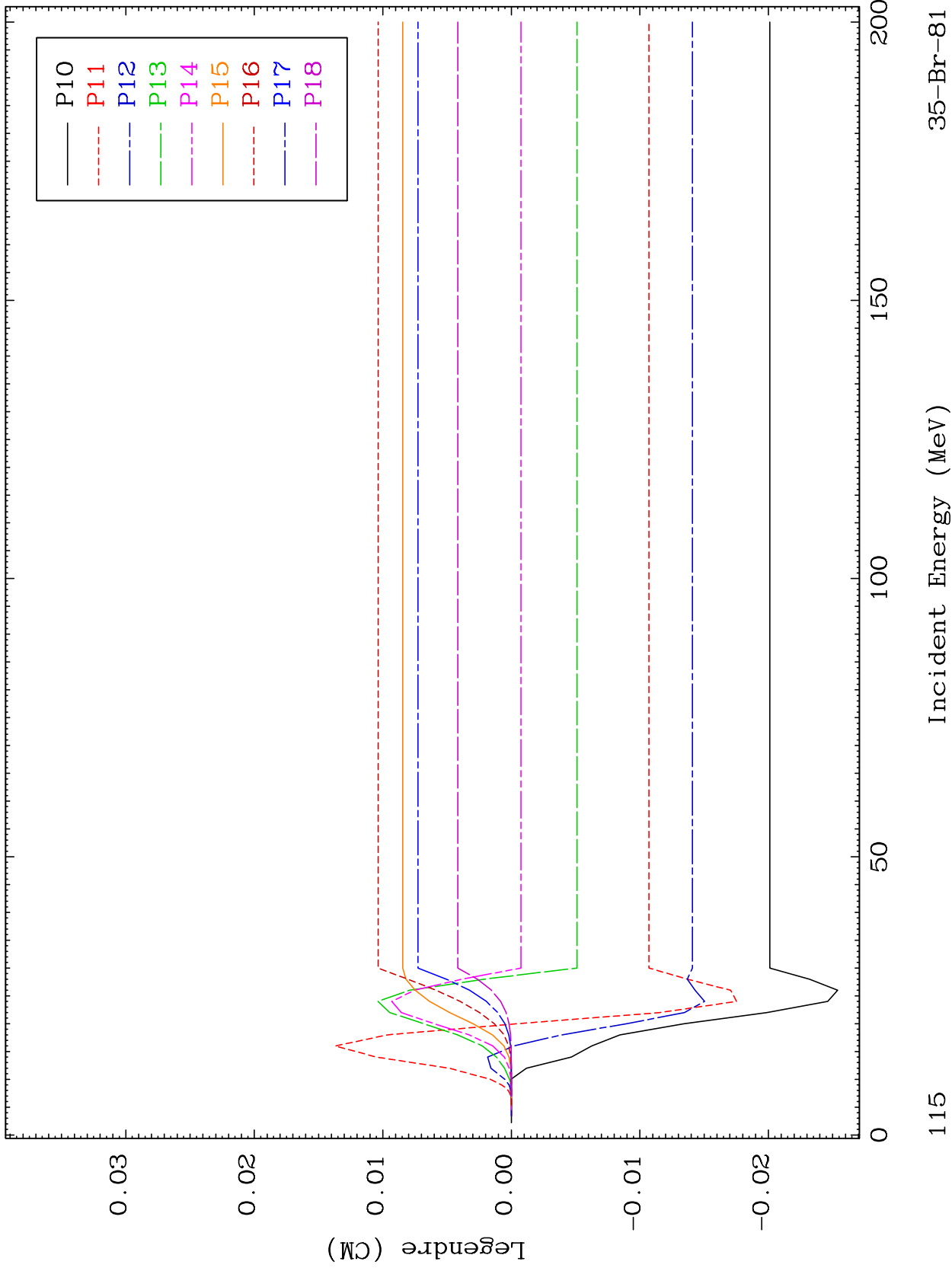
Incident Energy (MeV)

35-Br-81

MAT 3531

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

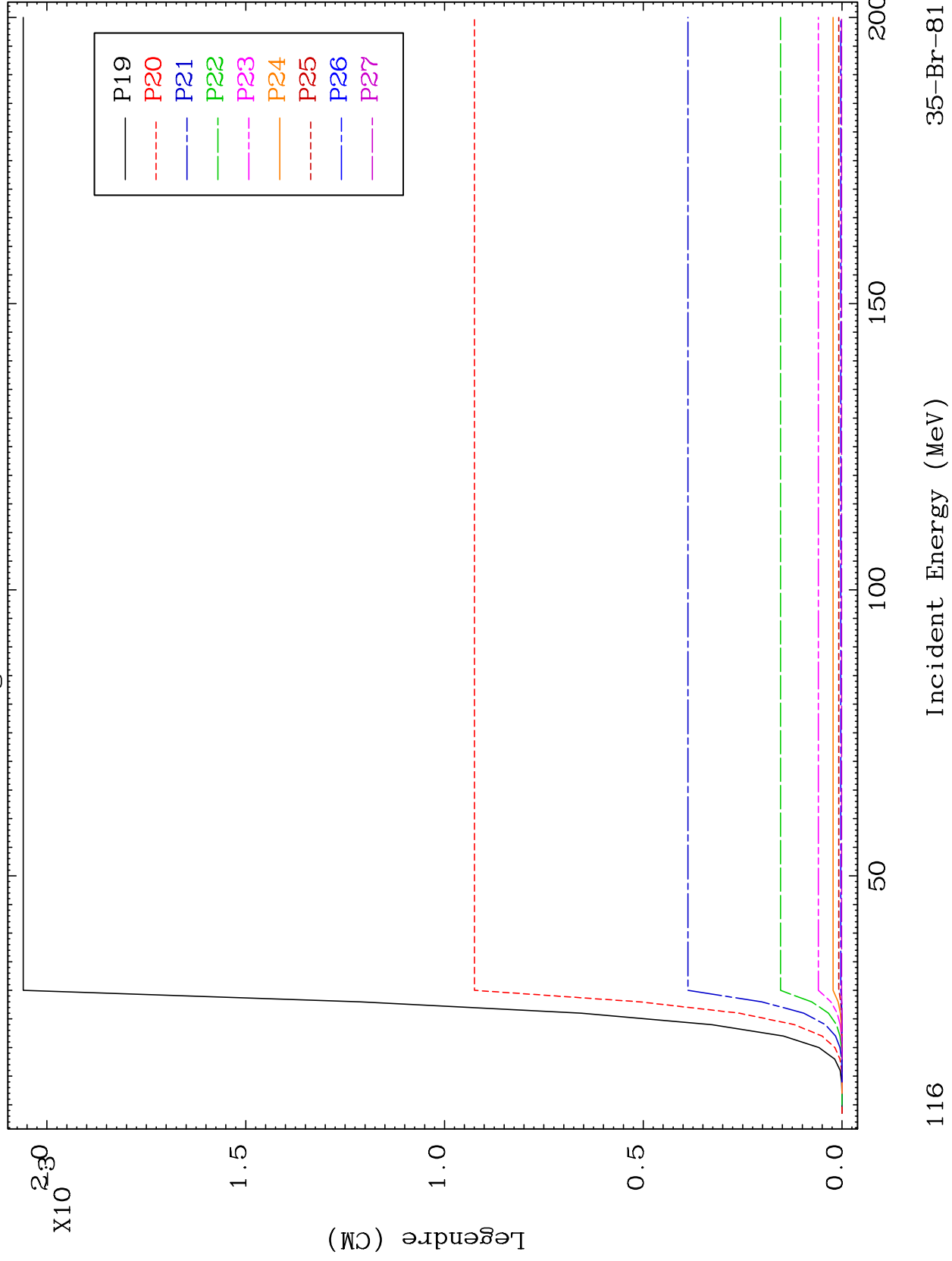
35-Br-81



MAT 3531

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

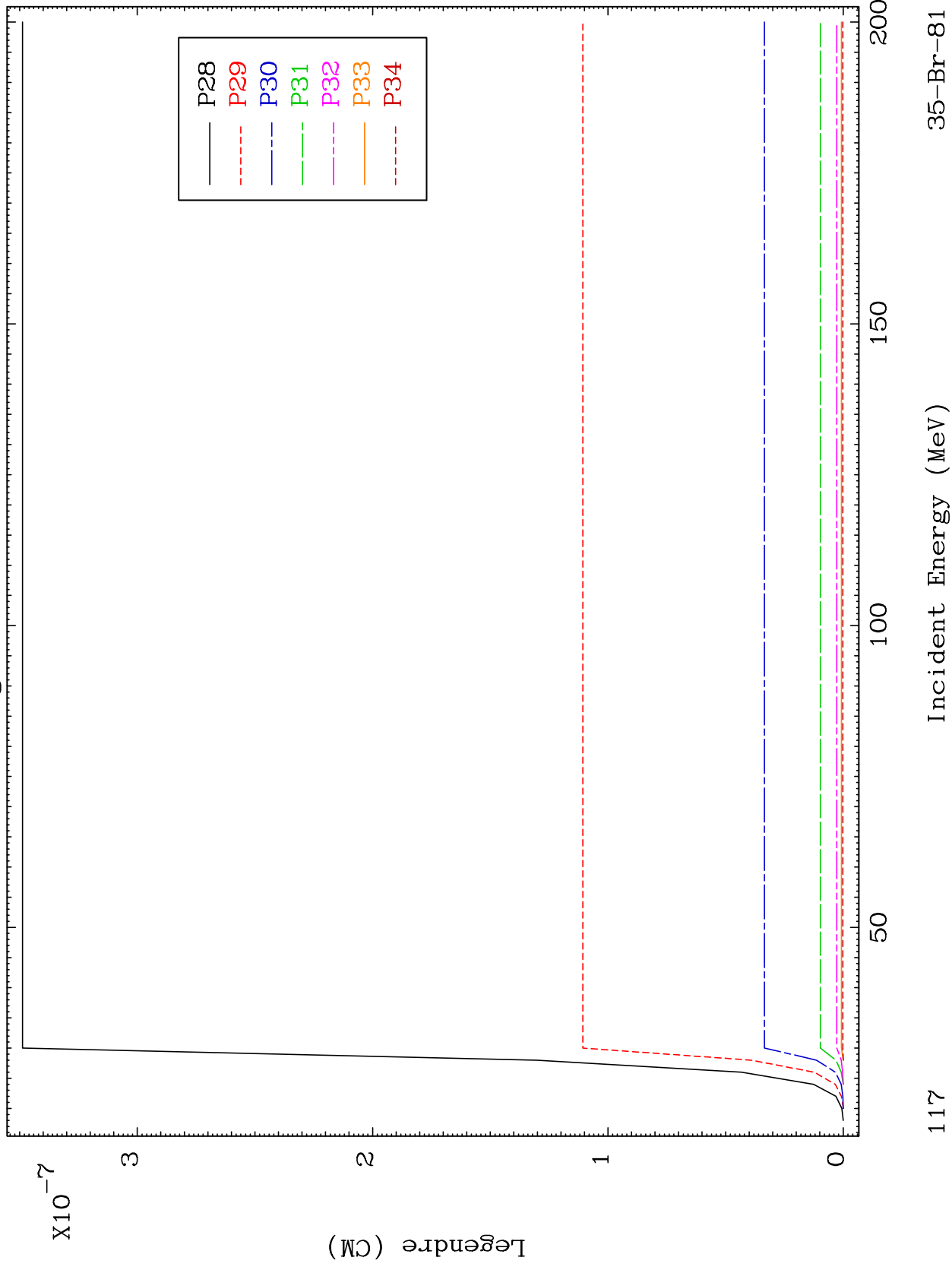
35-Br-81



MAT 3531

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

35-Br-81



117

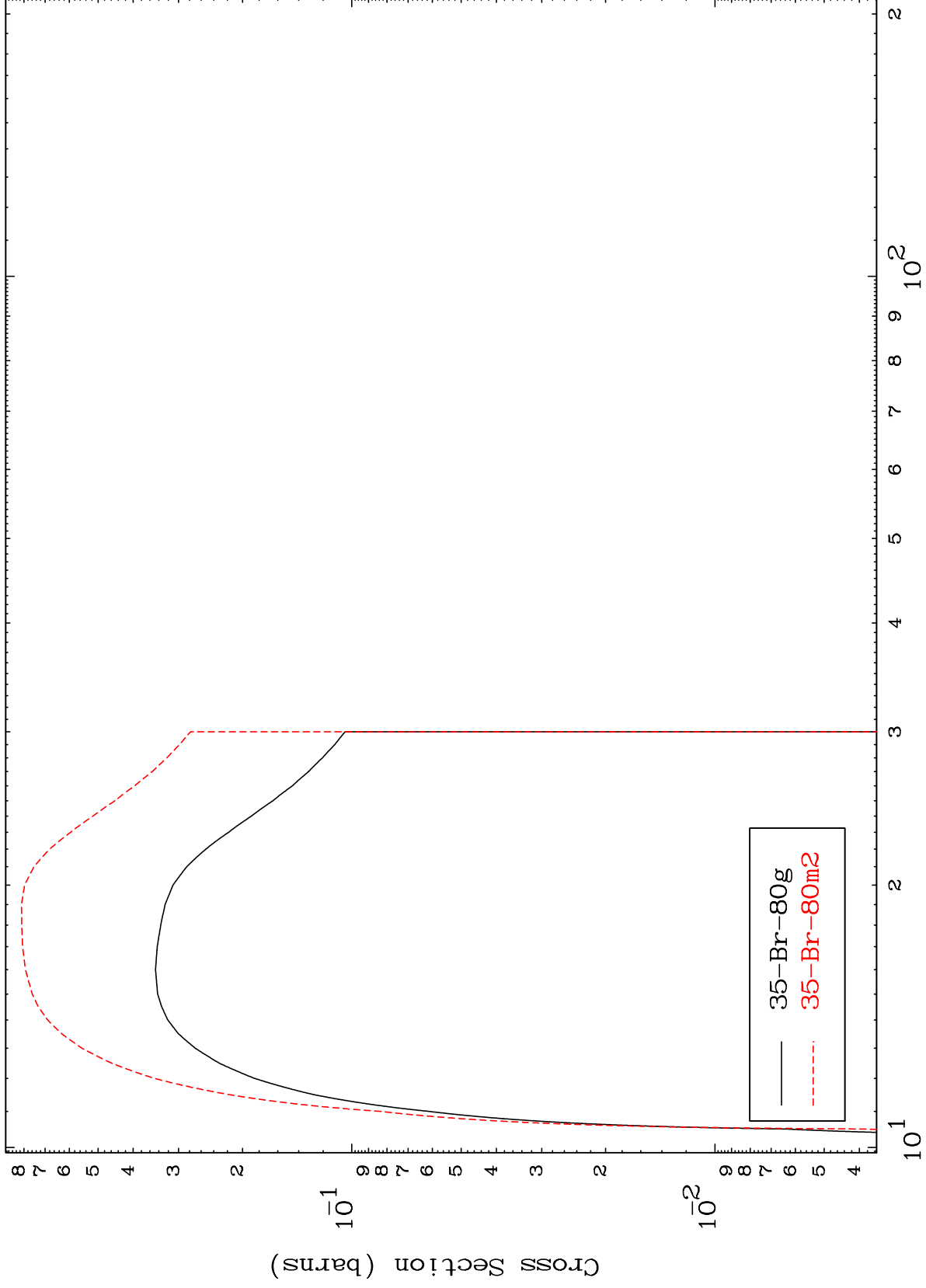
Incident Energy (MeV)

35-Br-81

MAT 3531

³⁵Br-81

(n,2n)
Radionuclide Production Cross Section



³⁵Br-81

Incident Energy (MeV)

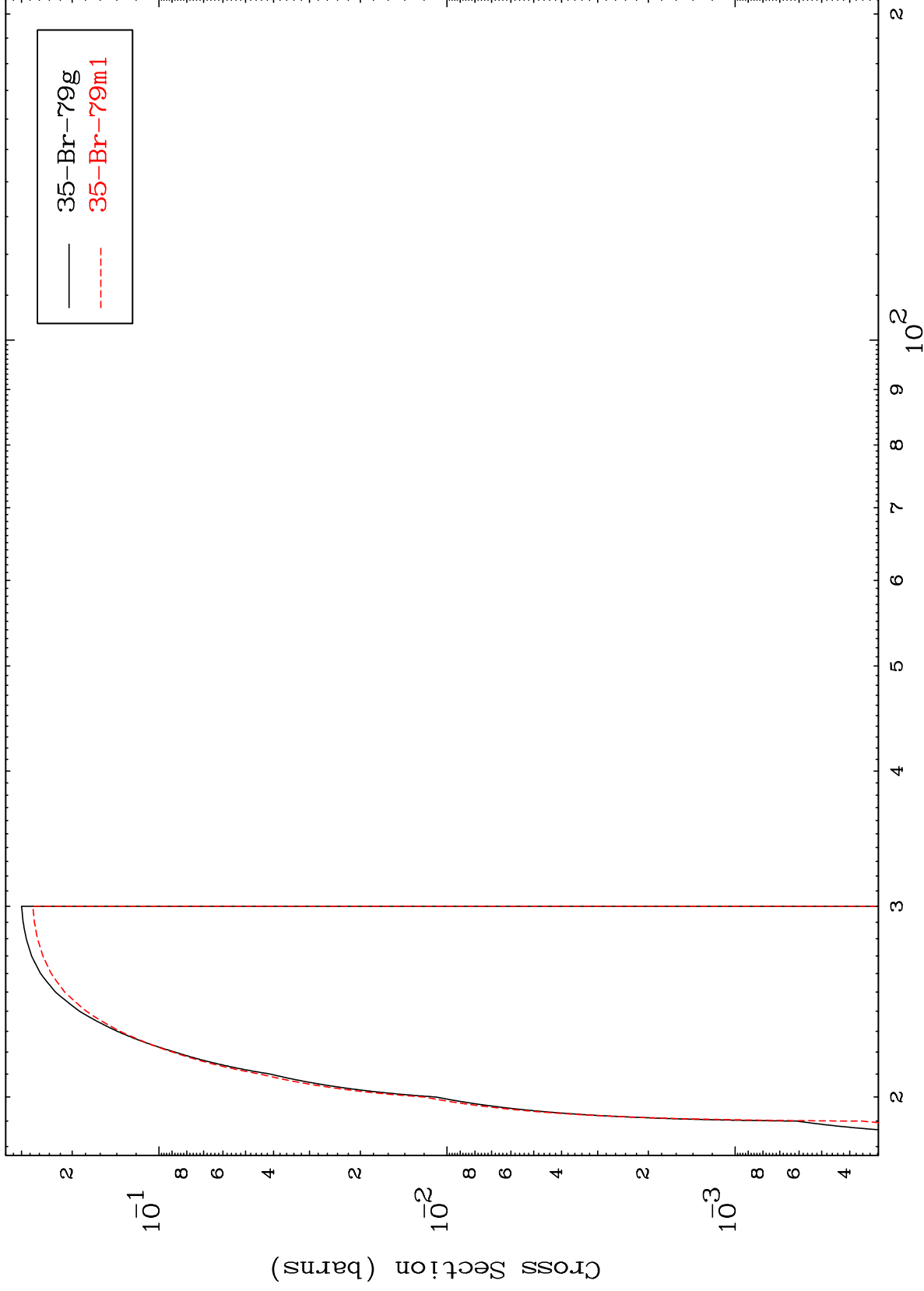
118

MAT 3531

(n,3n)

35-Br-81

Radionuclide Production Cross Section



119

Incident Energy (MeV)

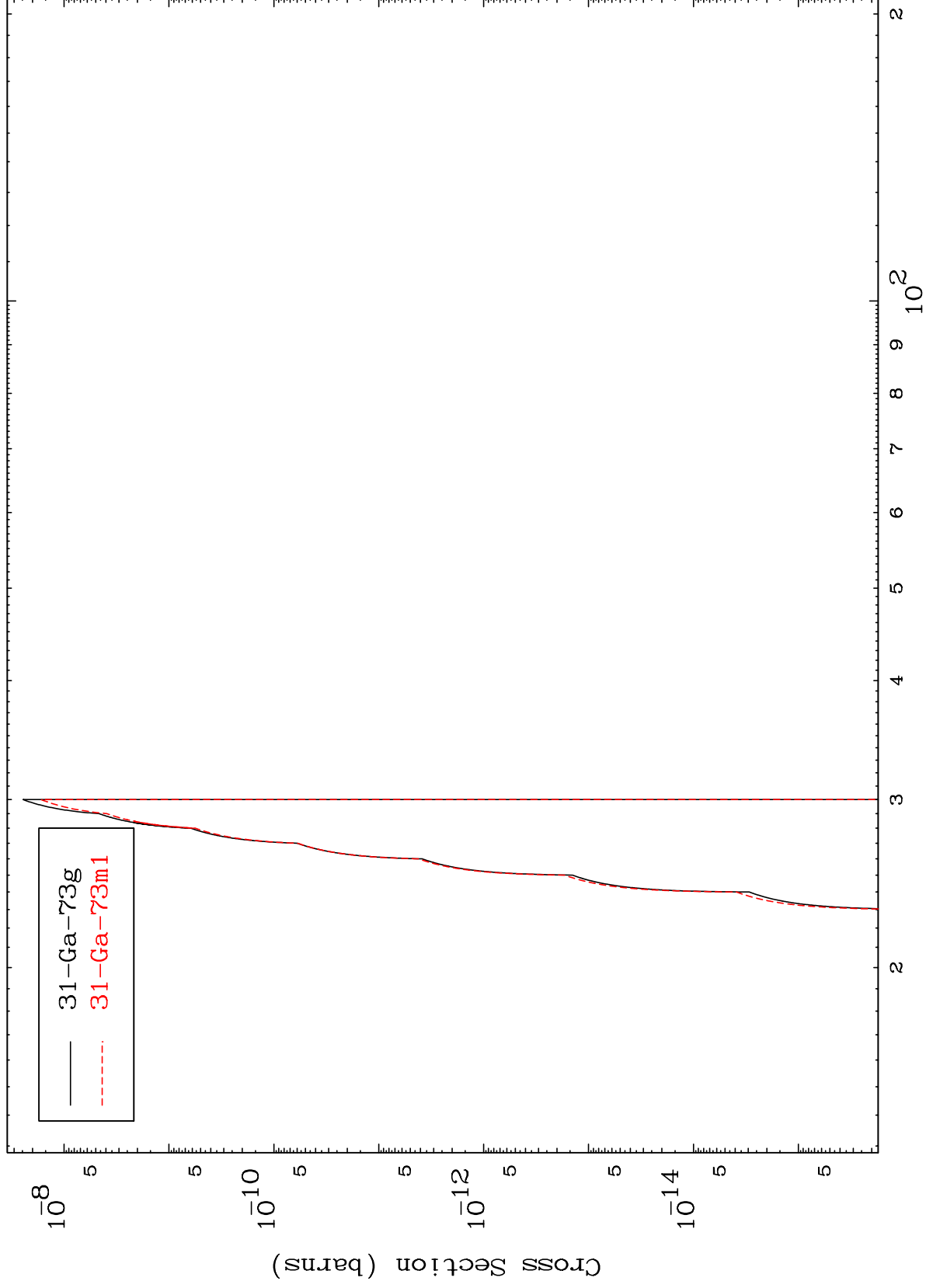
35-Br-81

MAT 3531

(n,n') 2α

35-Br-81

Radionuclide Production Cross Section



120

Incident Energy (MeV)

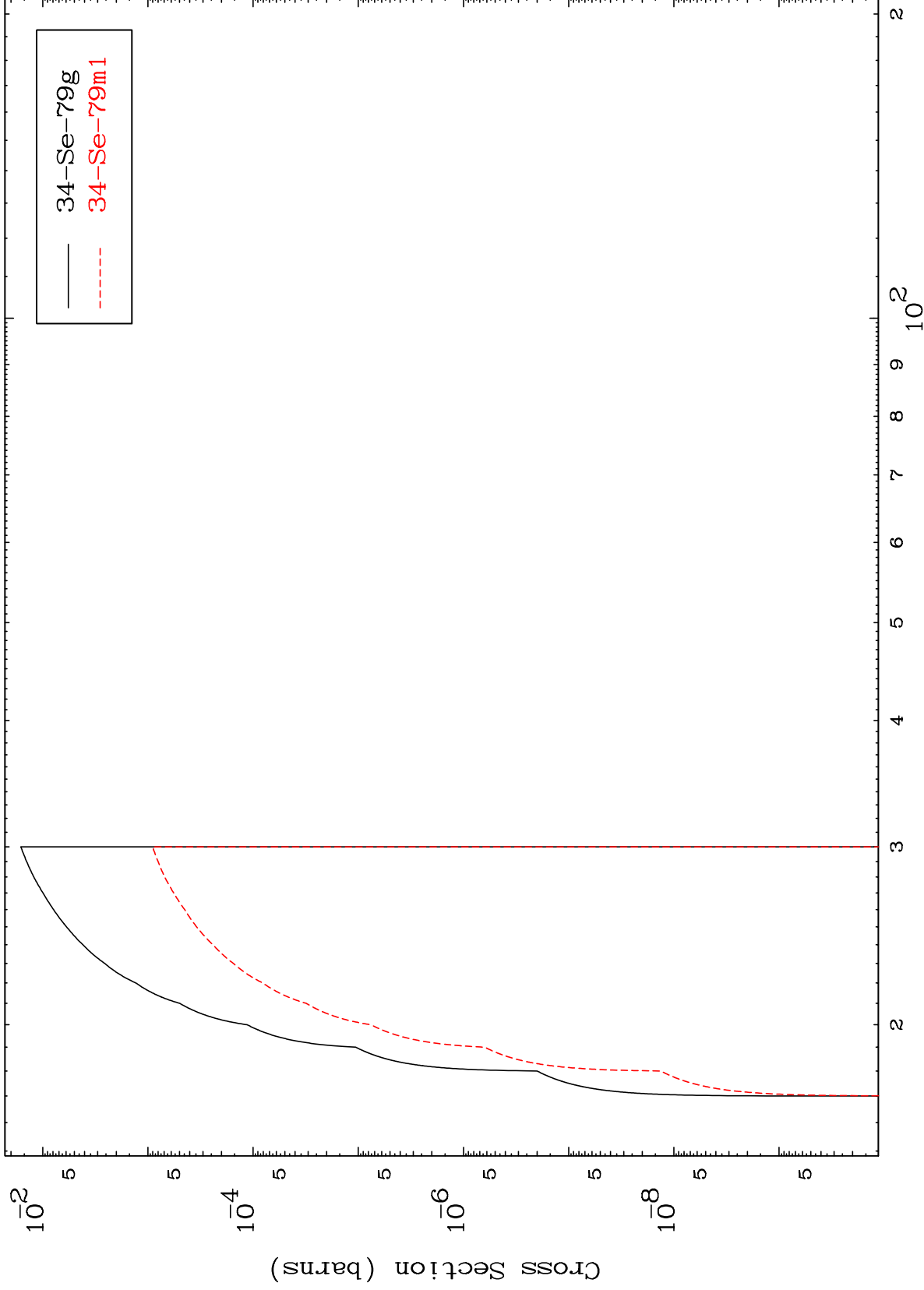
35-Br-81

MAT 3531

(n,n') d

35-Br-81

Radionuclide Production Cross Section

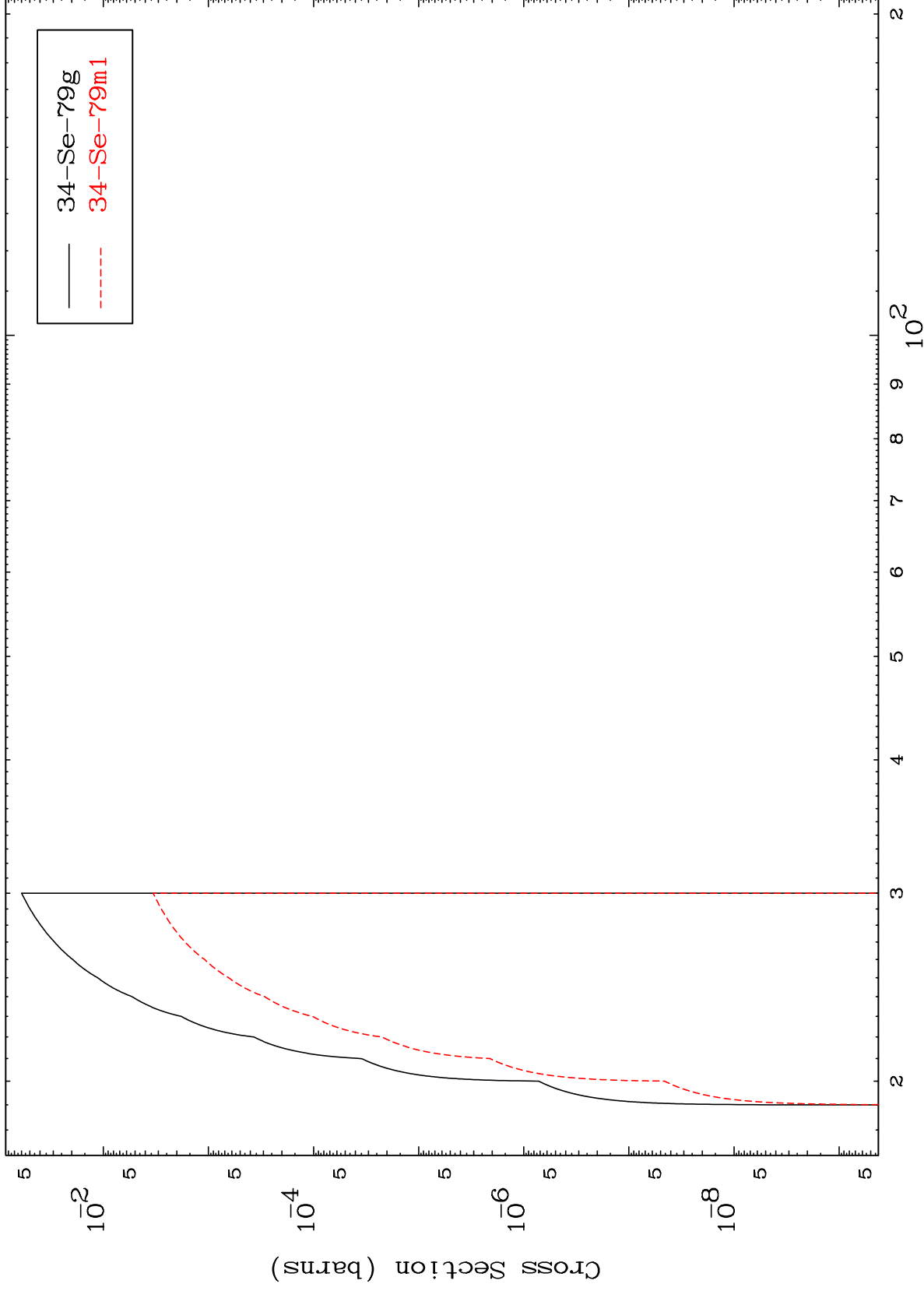


121

Incident Energy (MeV)

35-Br-81

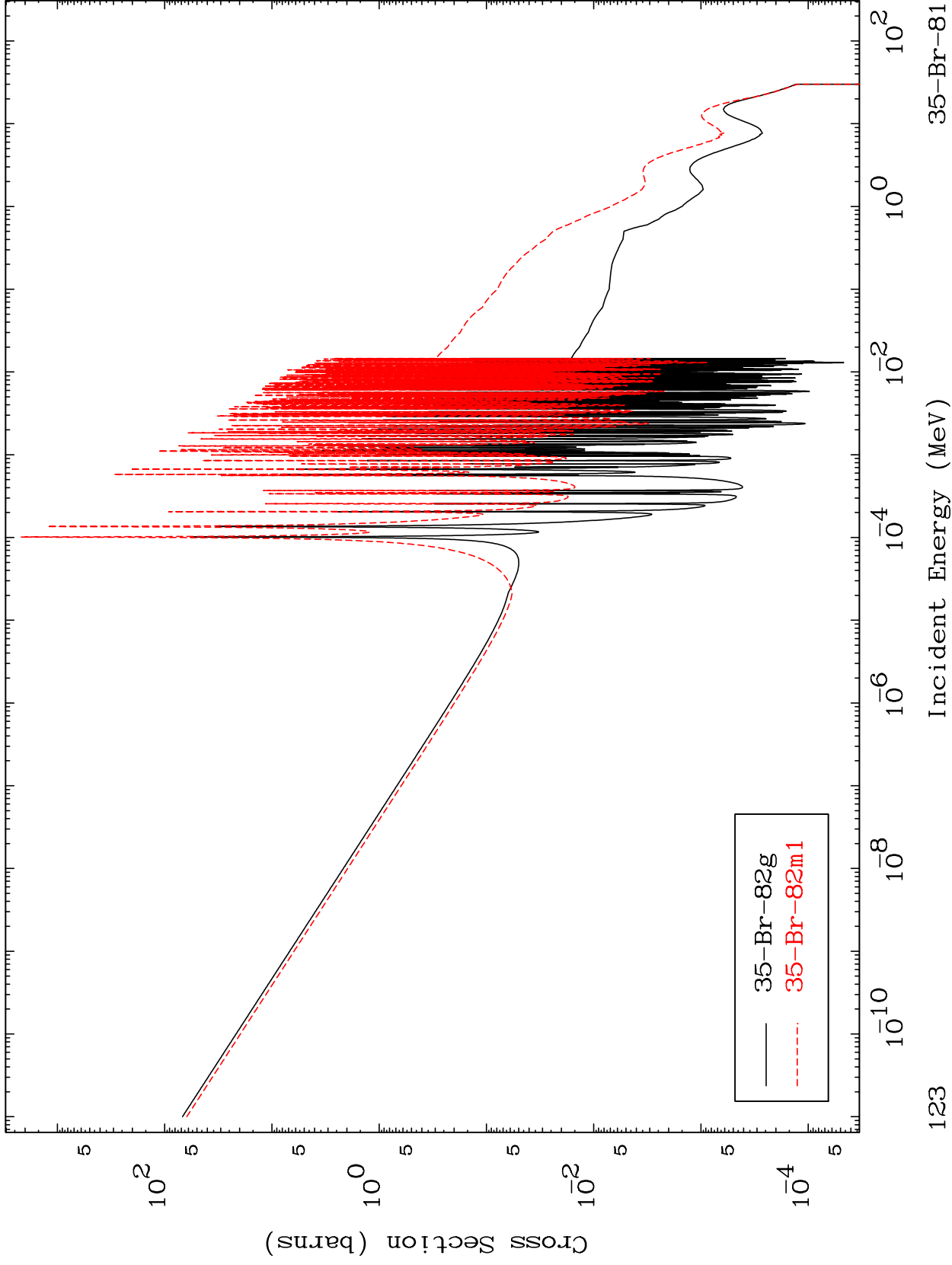
Radionuclide Production Cross Section



MAT 3531

³⁵Br-81

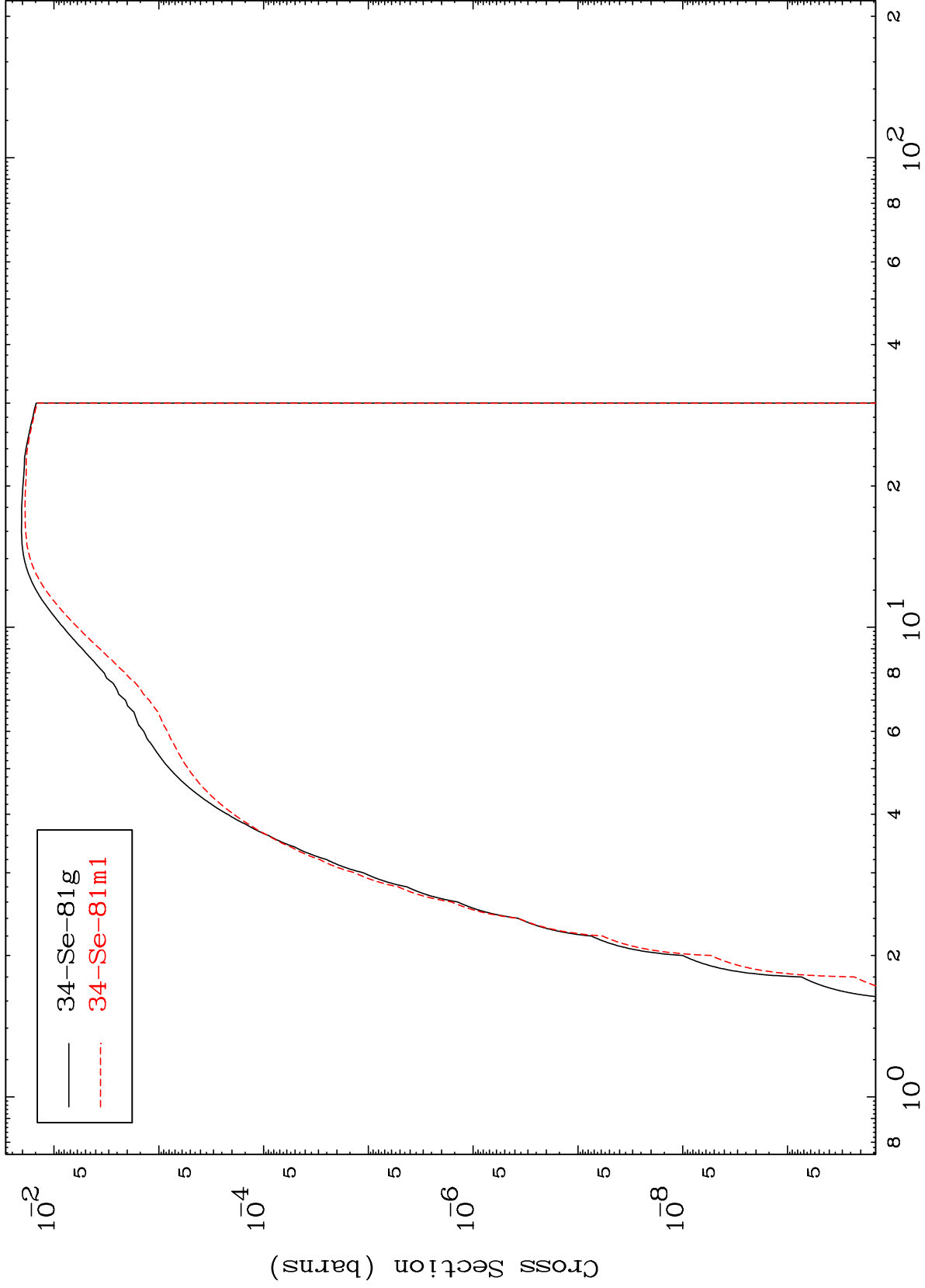
(n,γ)
Radionuclide Production Cross Section



MAT 3531

³⁵Br-81

(n,p)
Radionuclide Production Cross Section



— 34-Se-81g
- - - 34-Se-81m1

³⁵Br-81

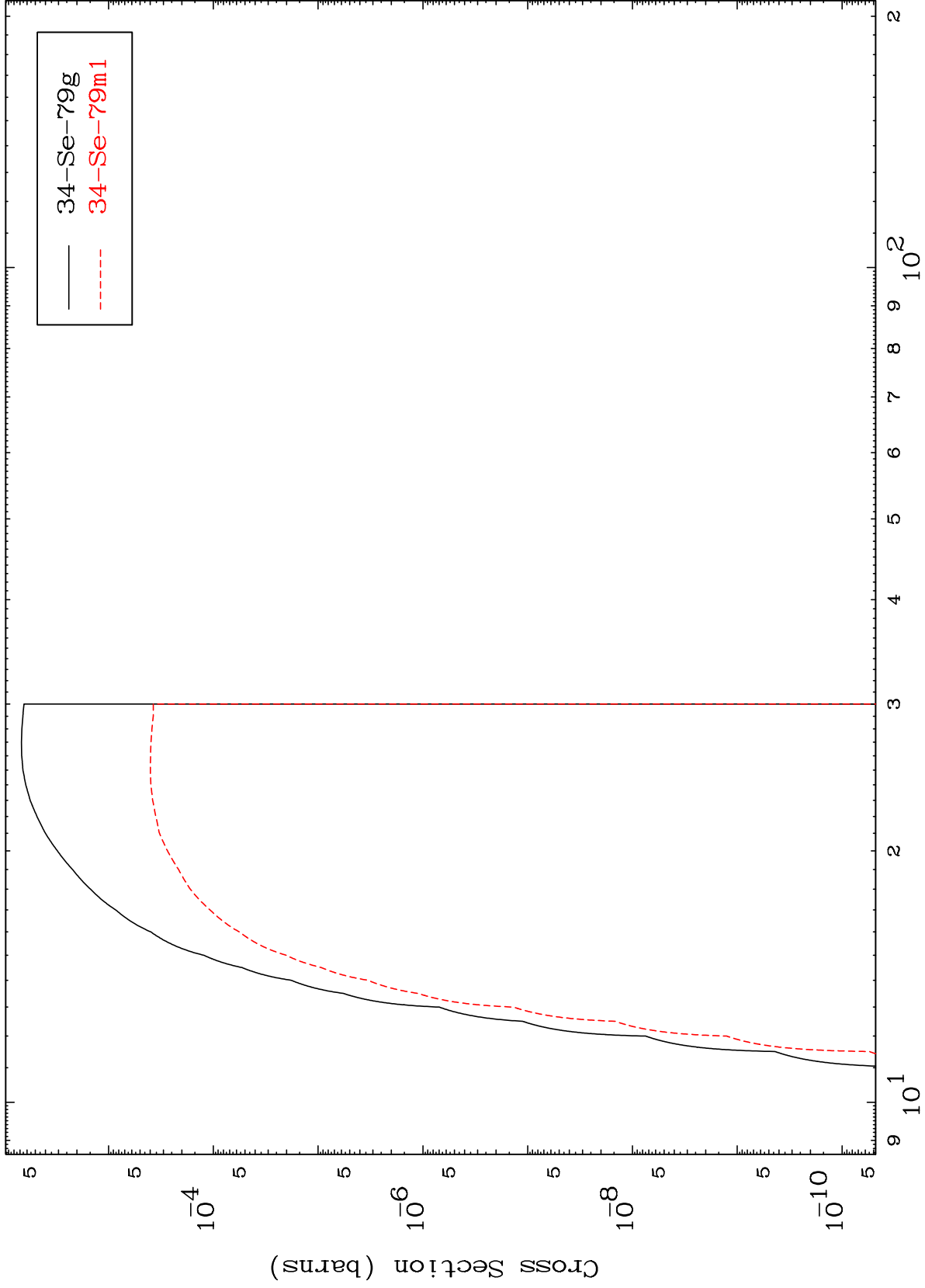
Incident Energy (MeV)

124

MAT 3531

35-Br-81

(n,t)
Radionuclide Production Cross Section



35-Br-81

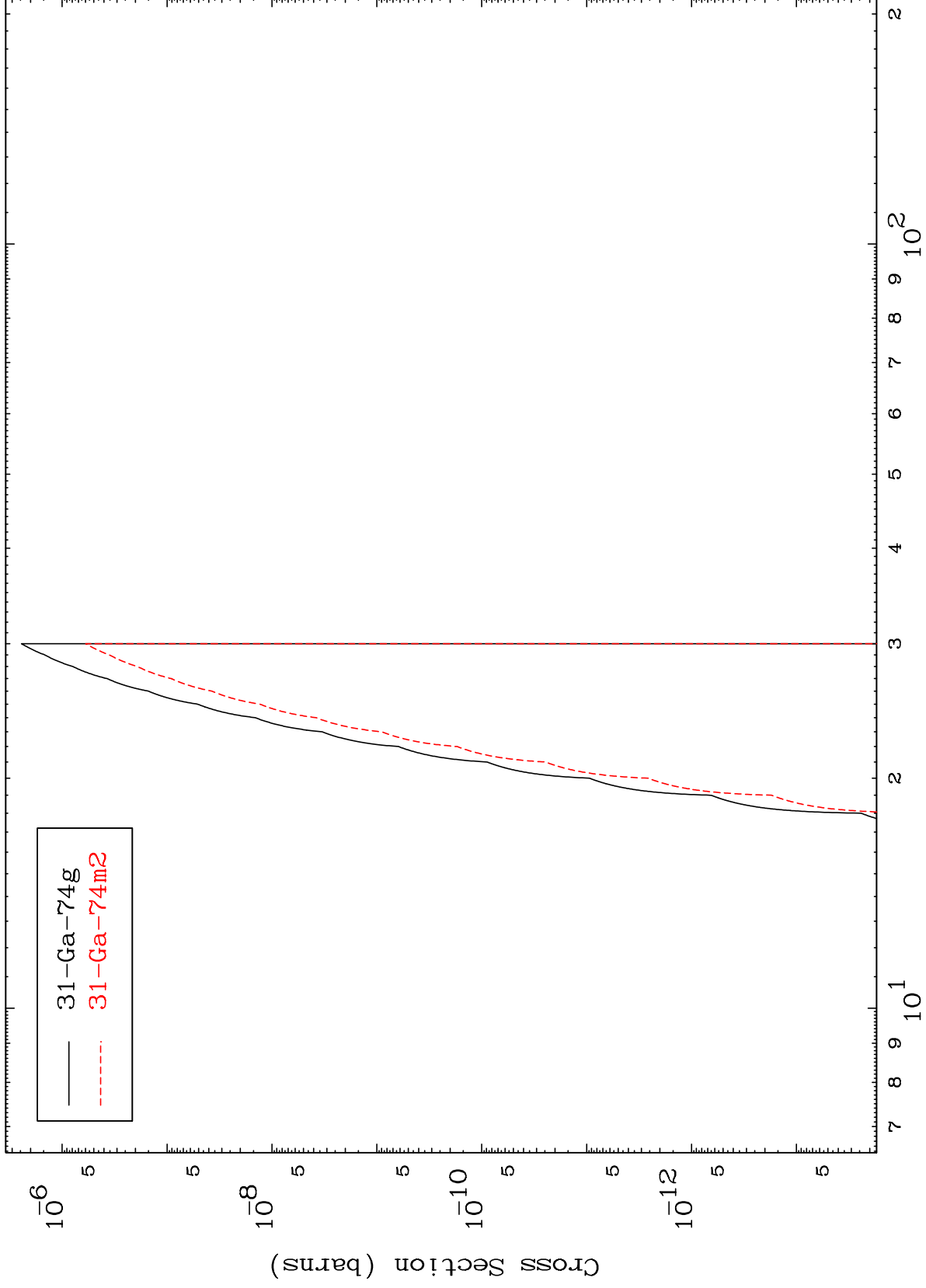
Incident Energy (MeV)

125

MAT 3531

35-Br-81

(n,2α)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

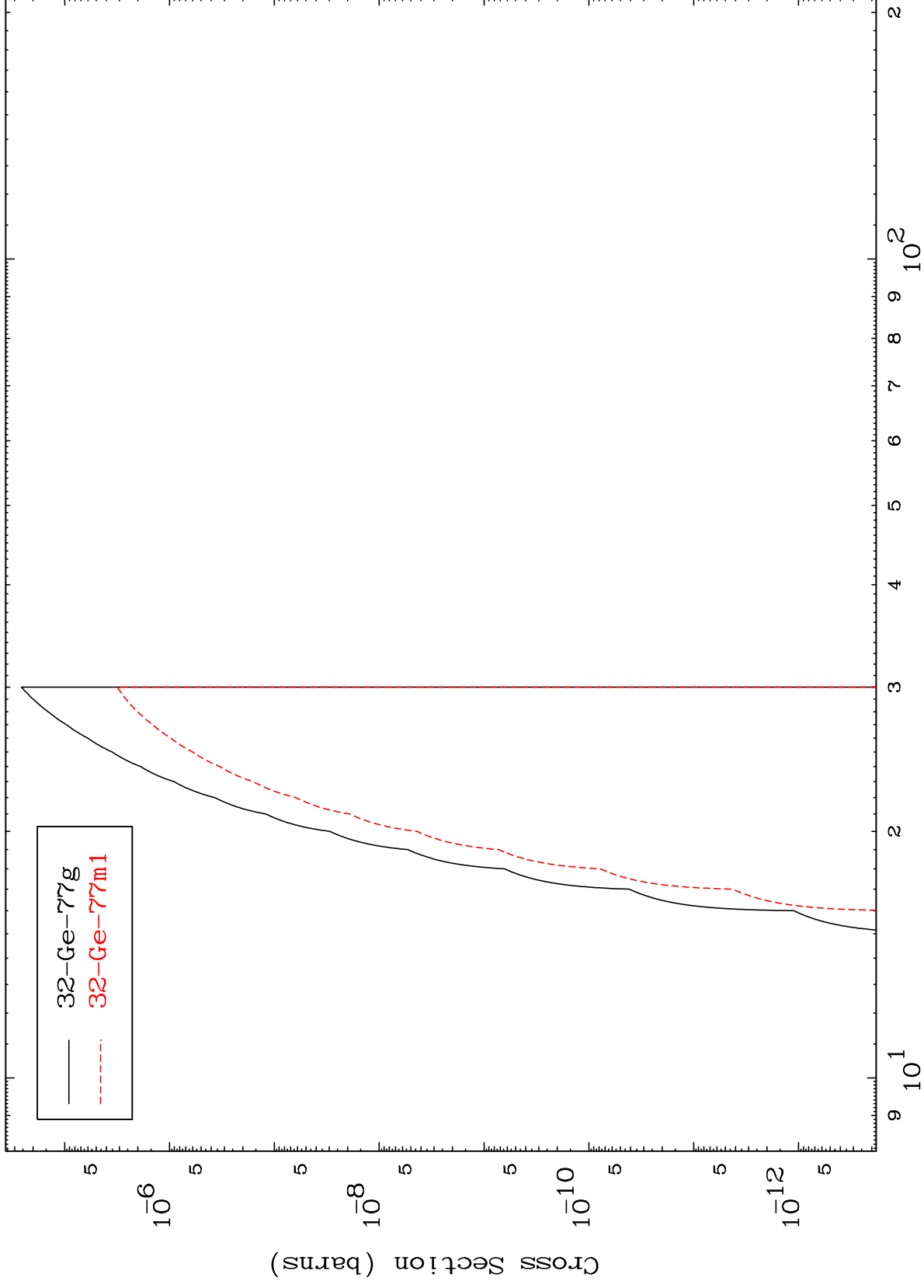
35-Br-81

MAT 3531

(n,p) α

³⁵Br-81

Radionuclide Production Cross Section



127

Incident Energy (MeV)

³⁵Br-81