

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

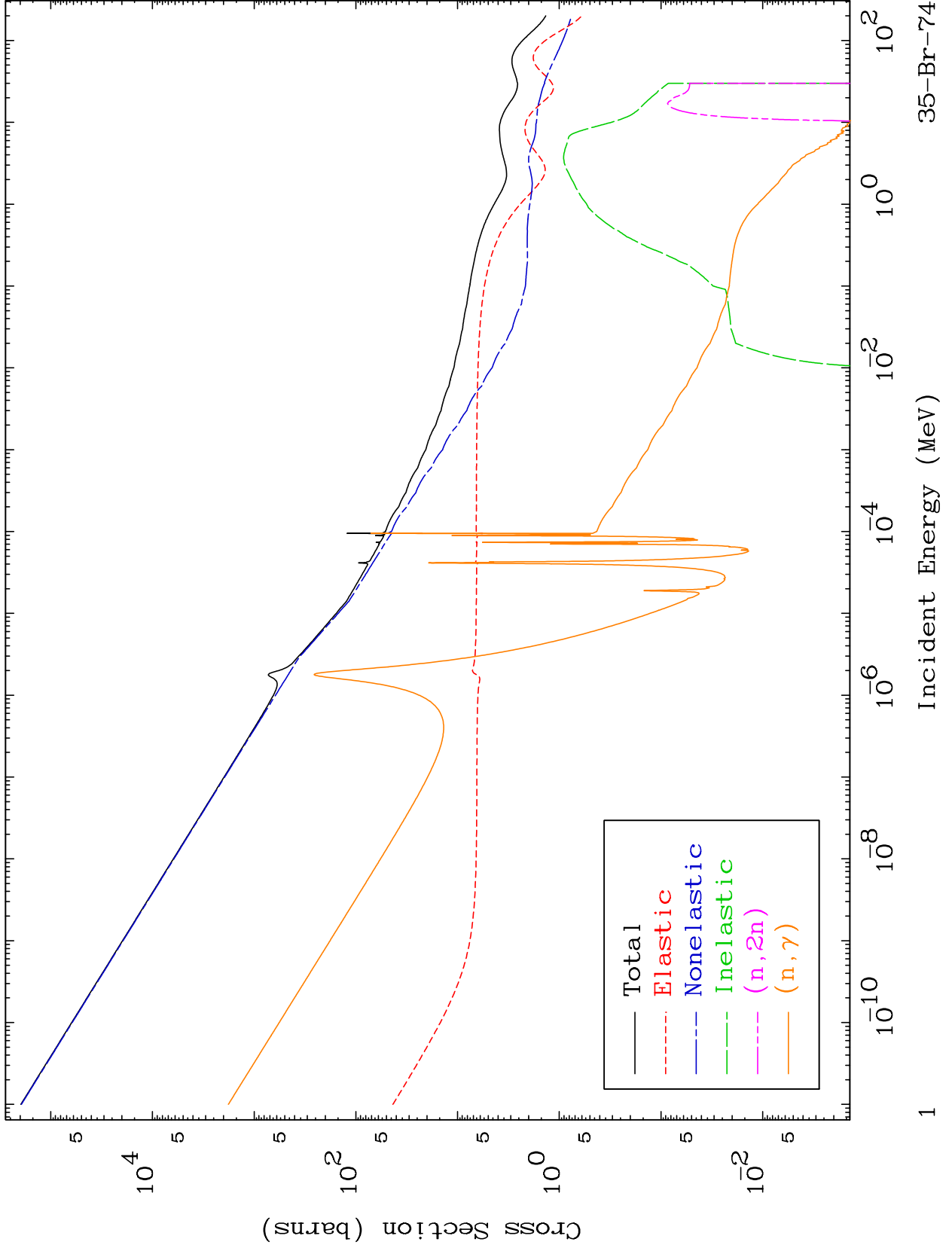
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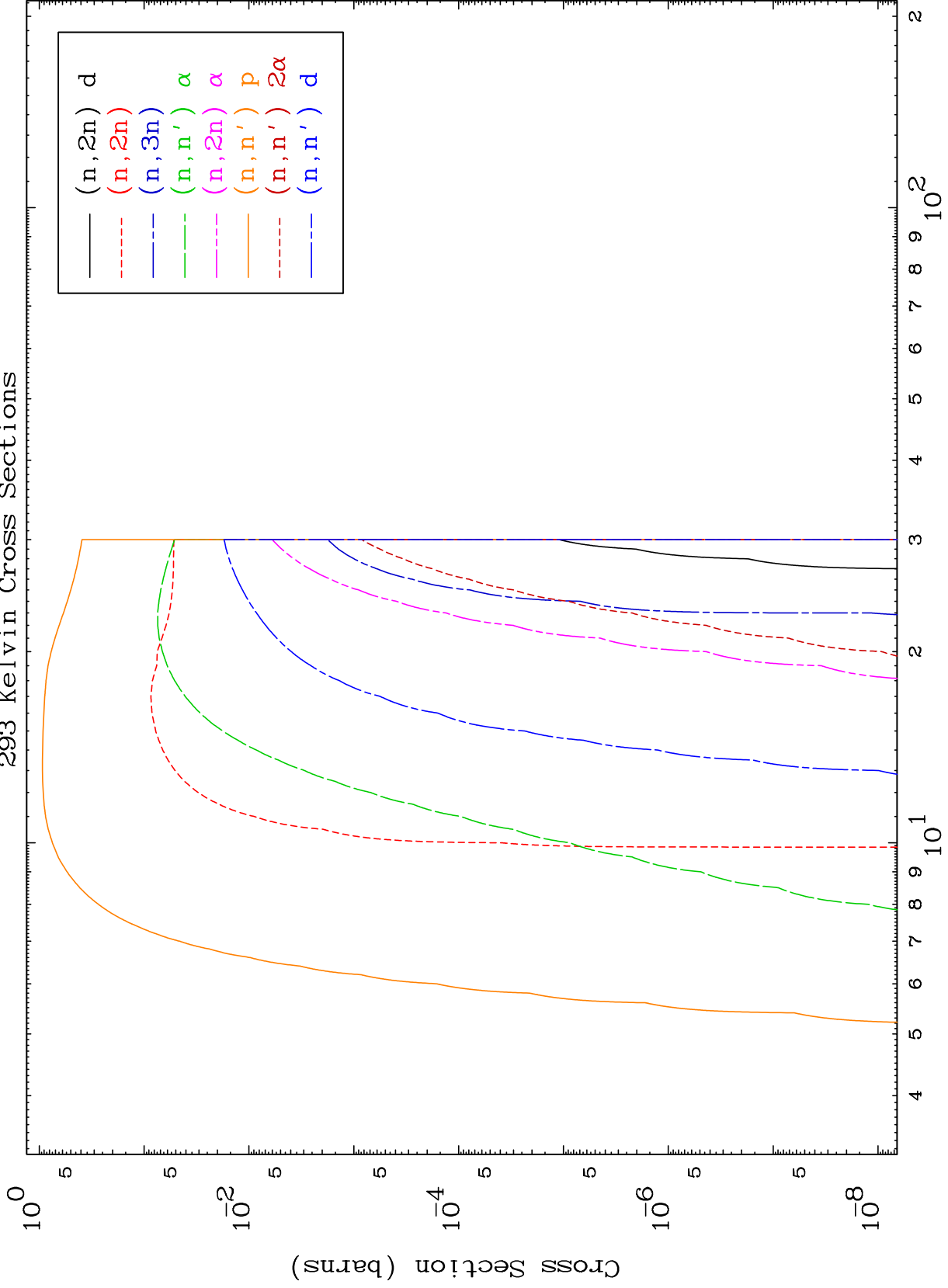
Press Mouse Button to Start

MAT 3510

Neutron Major
293 Kelvin Cross Sections

35-Br-74

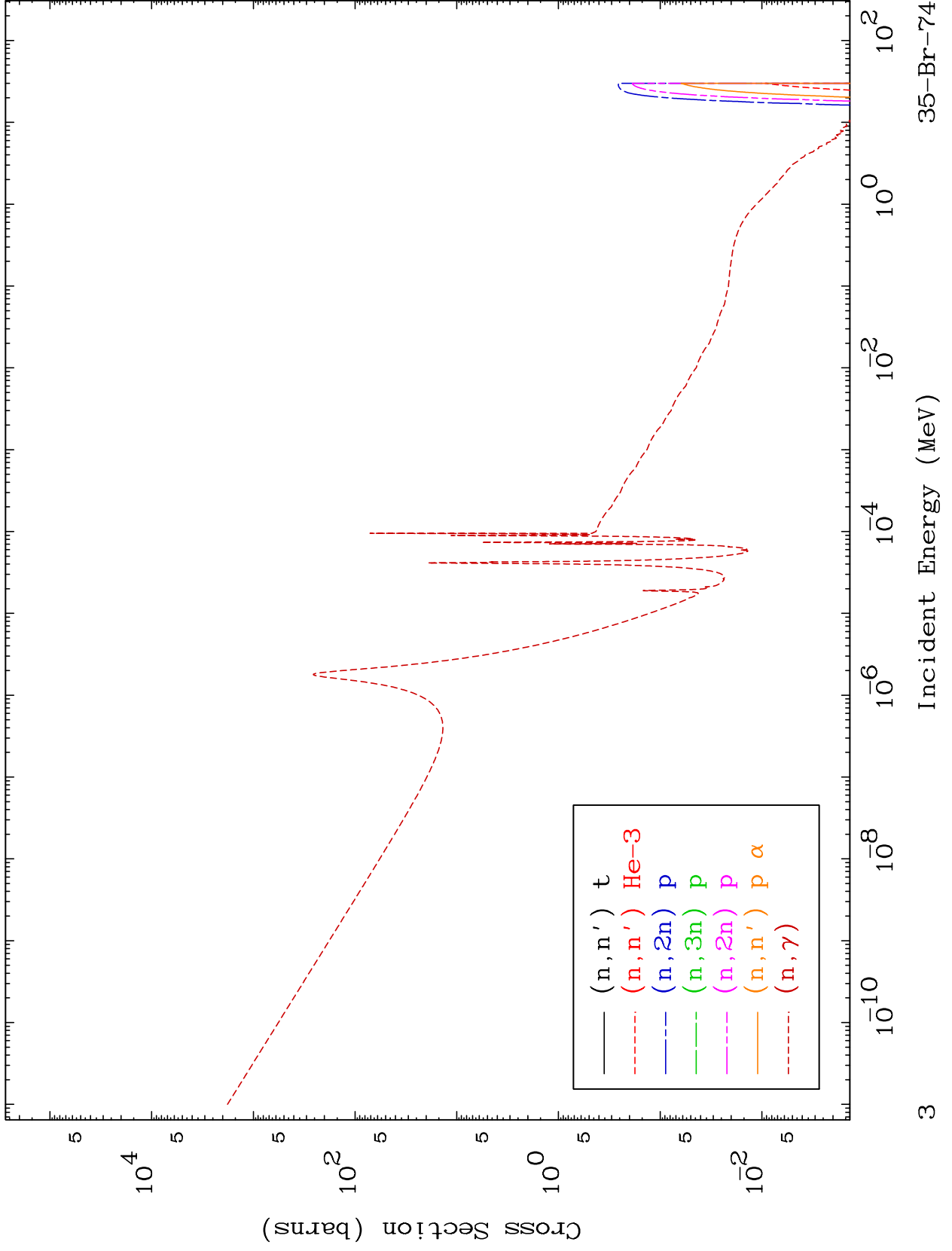




MAT 3510

Neutron Absorption
293 Kelvin Cross Sections

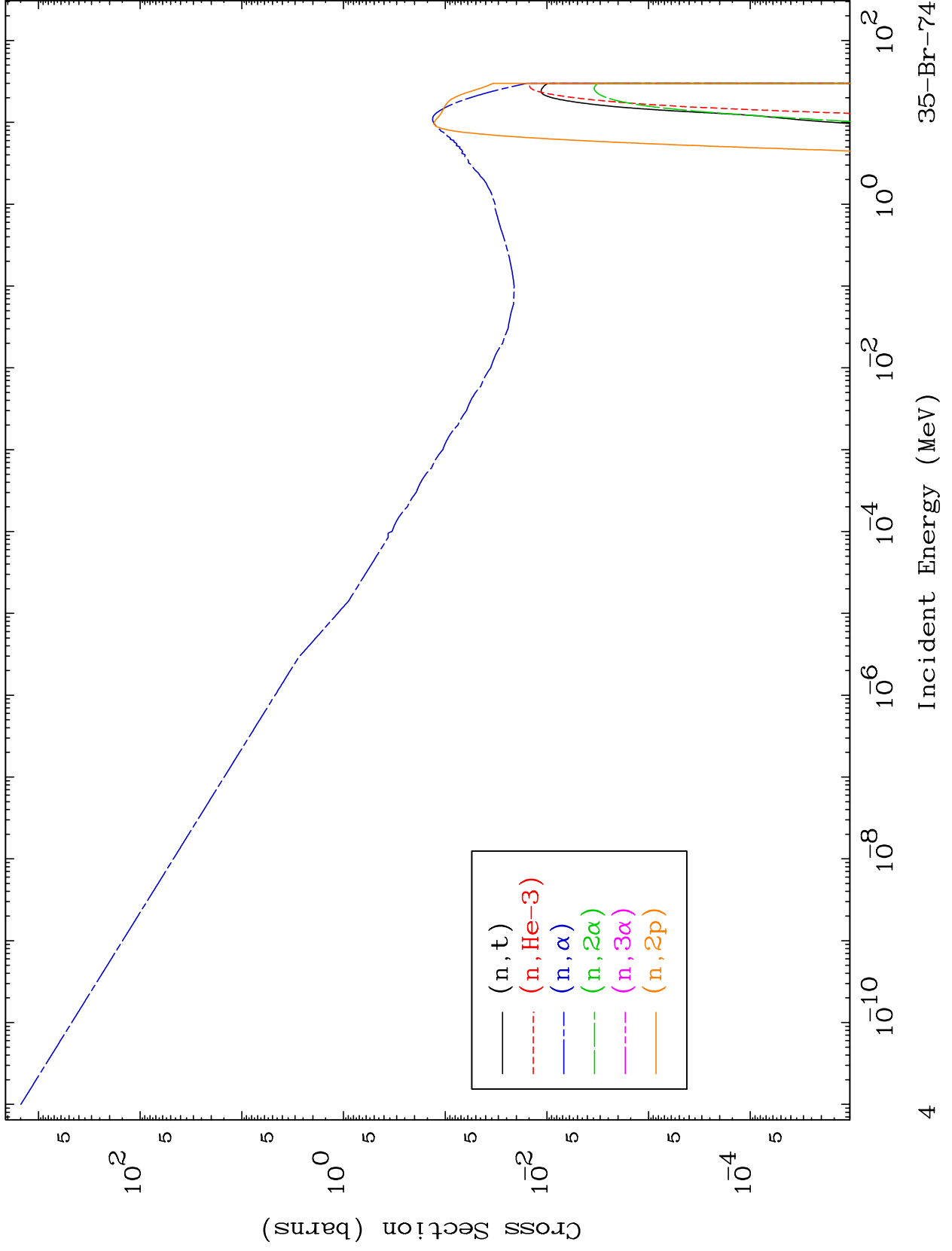
35-Br-74



MAT 3510

Neutron Absorption
293 Kelvin Cross Sections

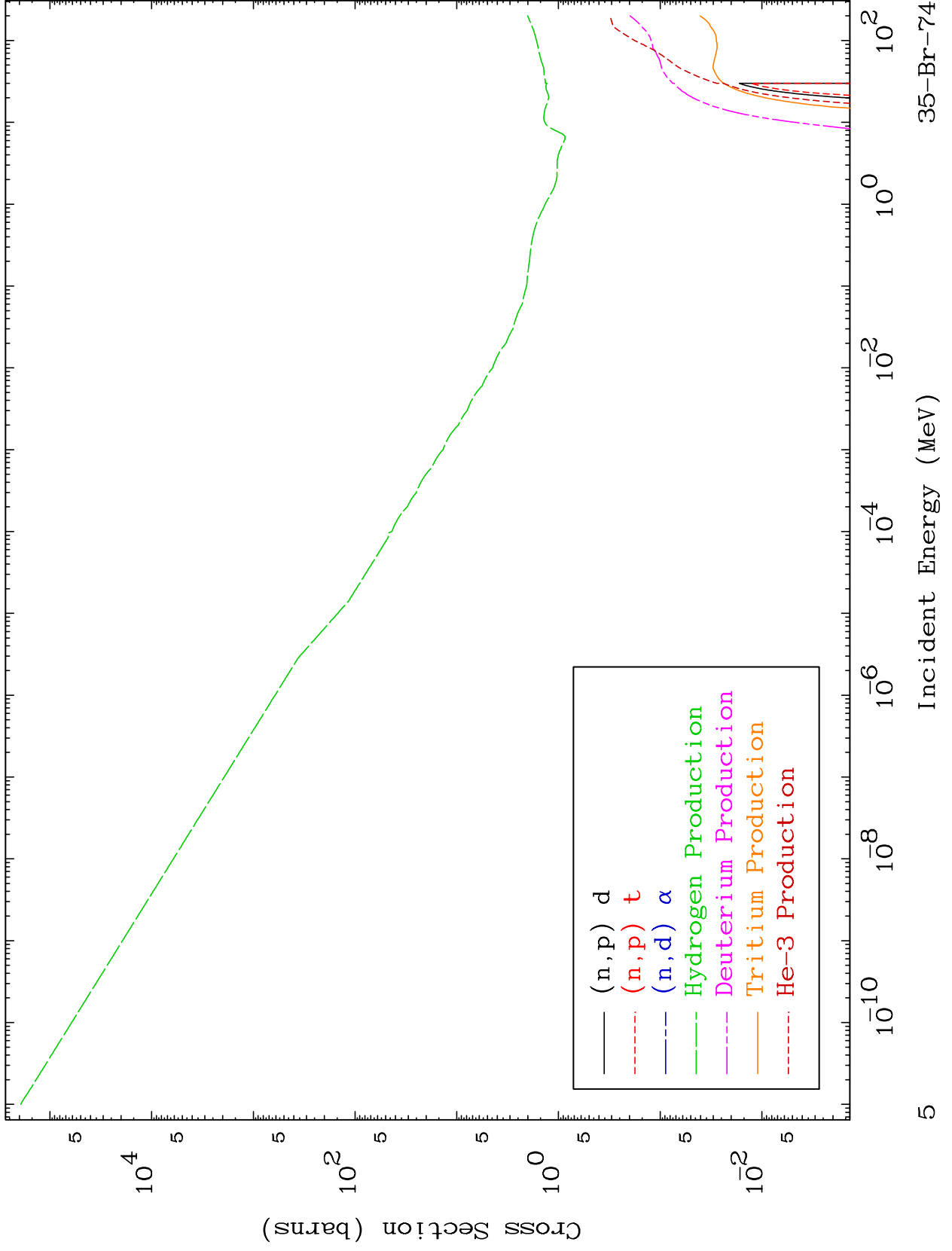
35-Br-74



MAT 3510

Neutron Absorption
293 Kelvin Cross Sections

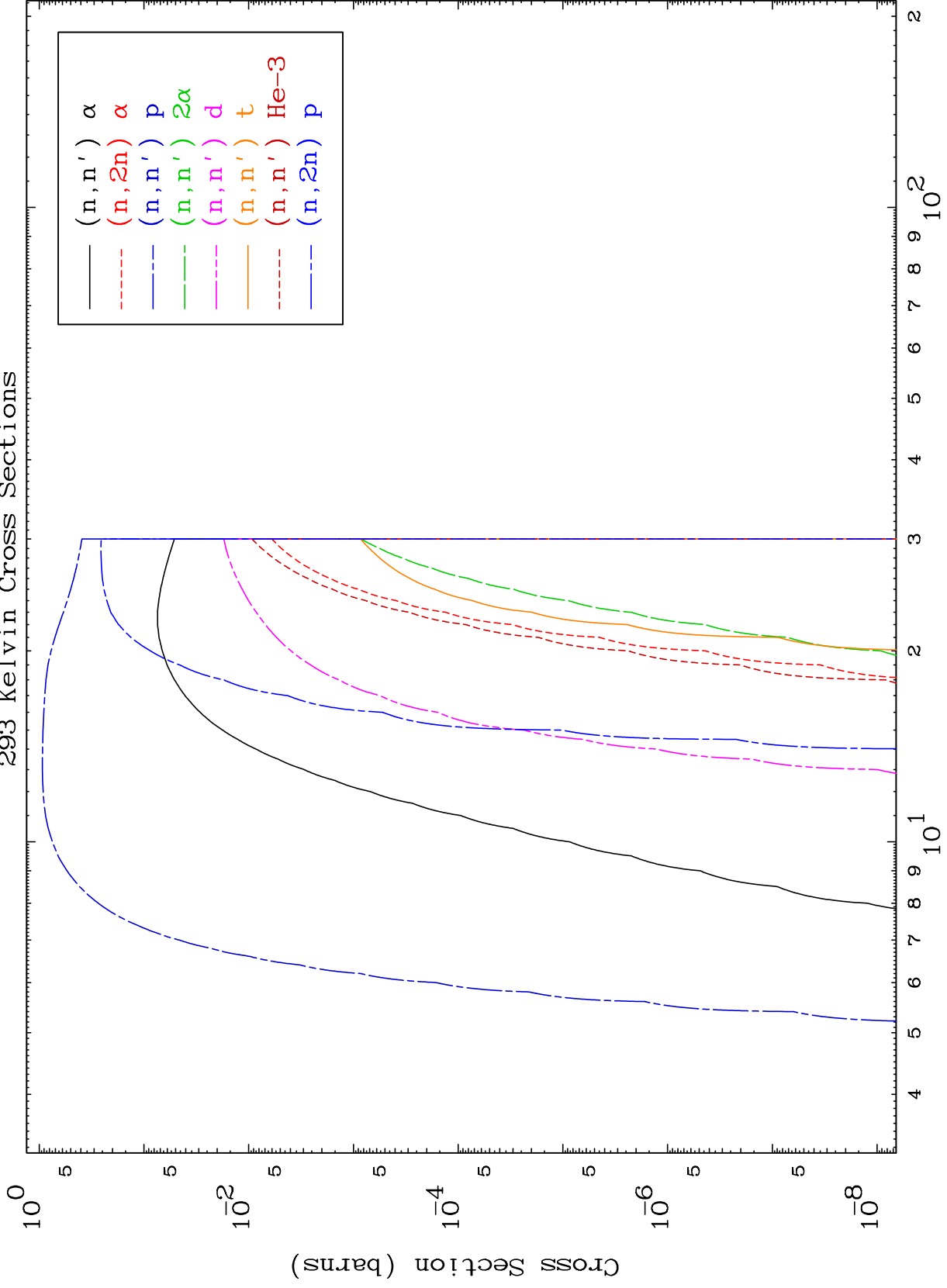
35-Br-74



MAT 3510

Charged Particle
293 Kelvin Cross Sections

35-Br-74



6

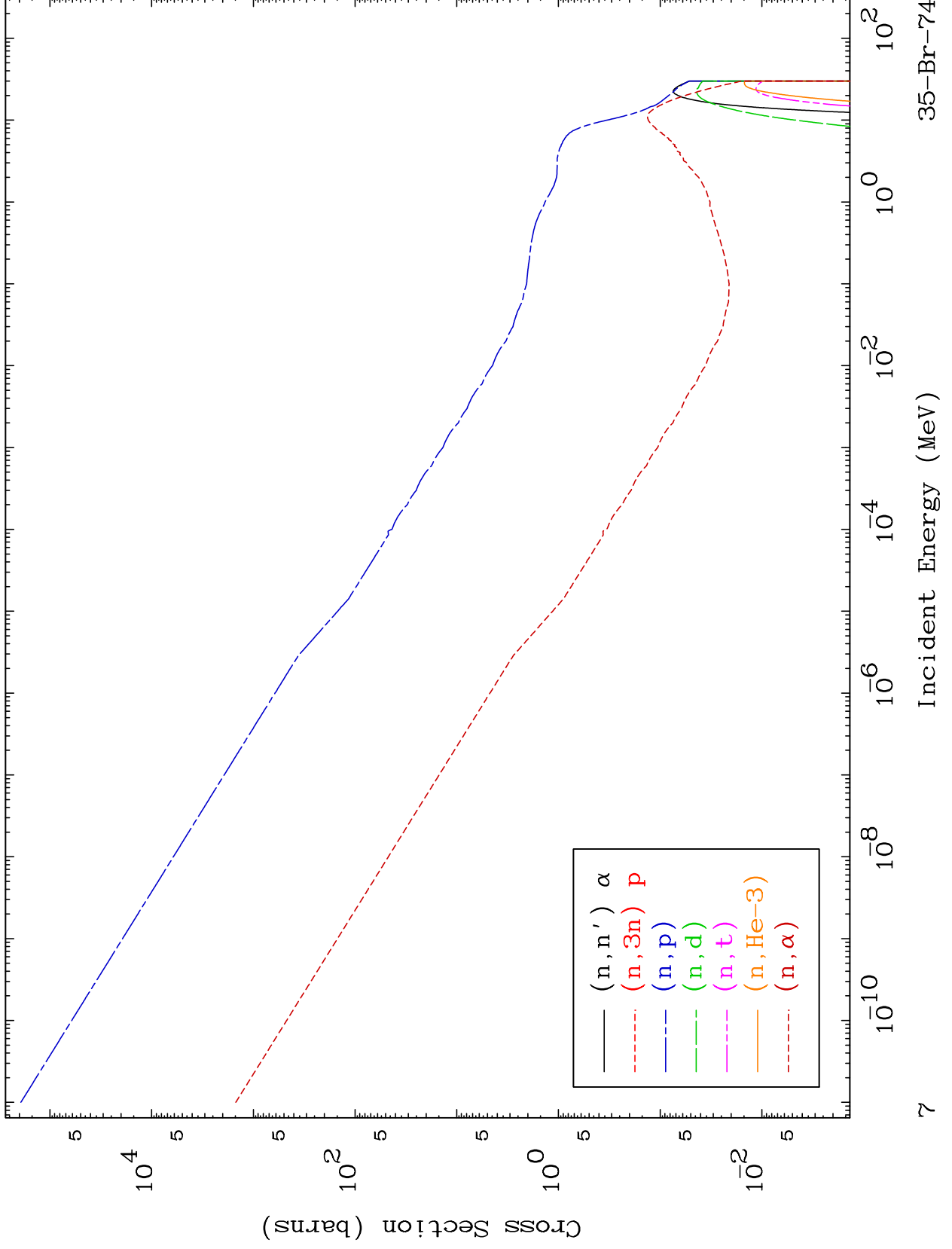
Incident Energy (MeV)

35-Br-74

MAT 3510

Charged Particle
293 Kelvin Cross Sections

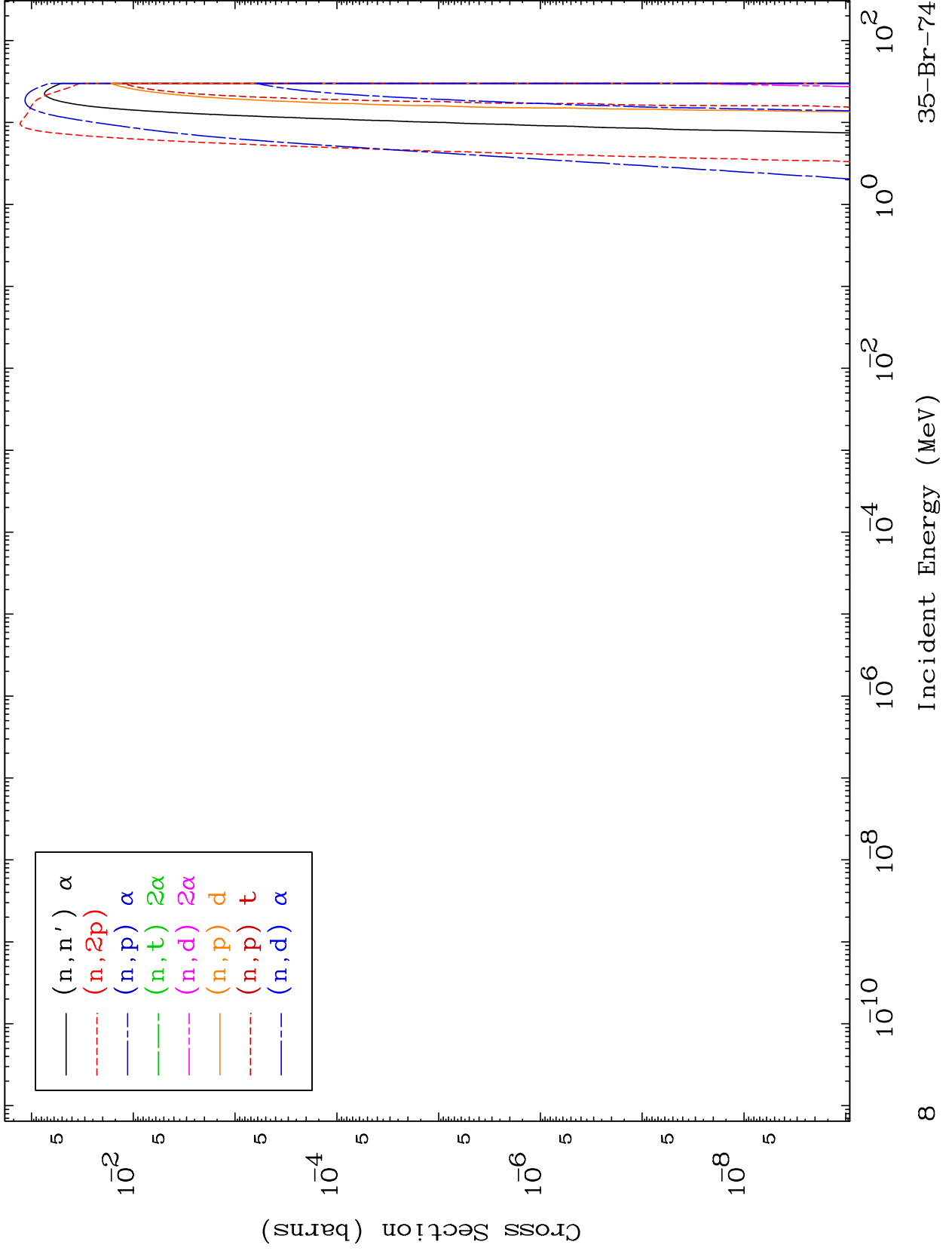
35-Br-74



MAT 3510

Charged Particle
293 Kelvin Cross Sections

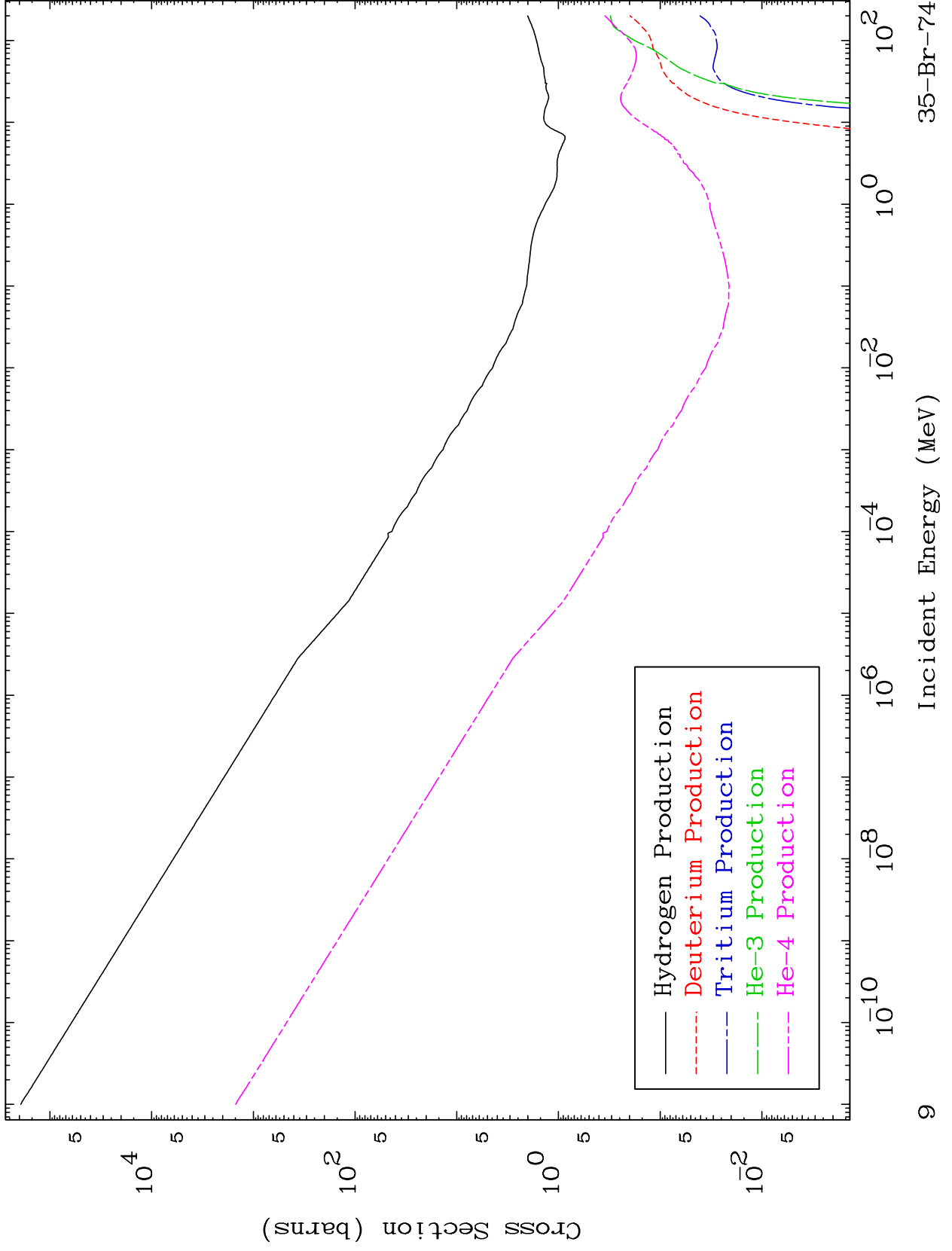
35-Br-74



MAT 3510

Particle Production
293 Kelvin Cross Sections

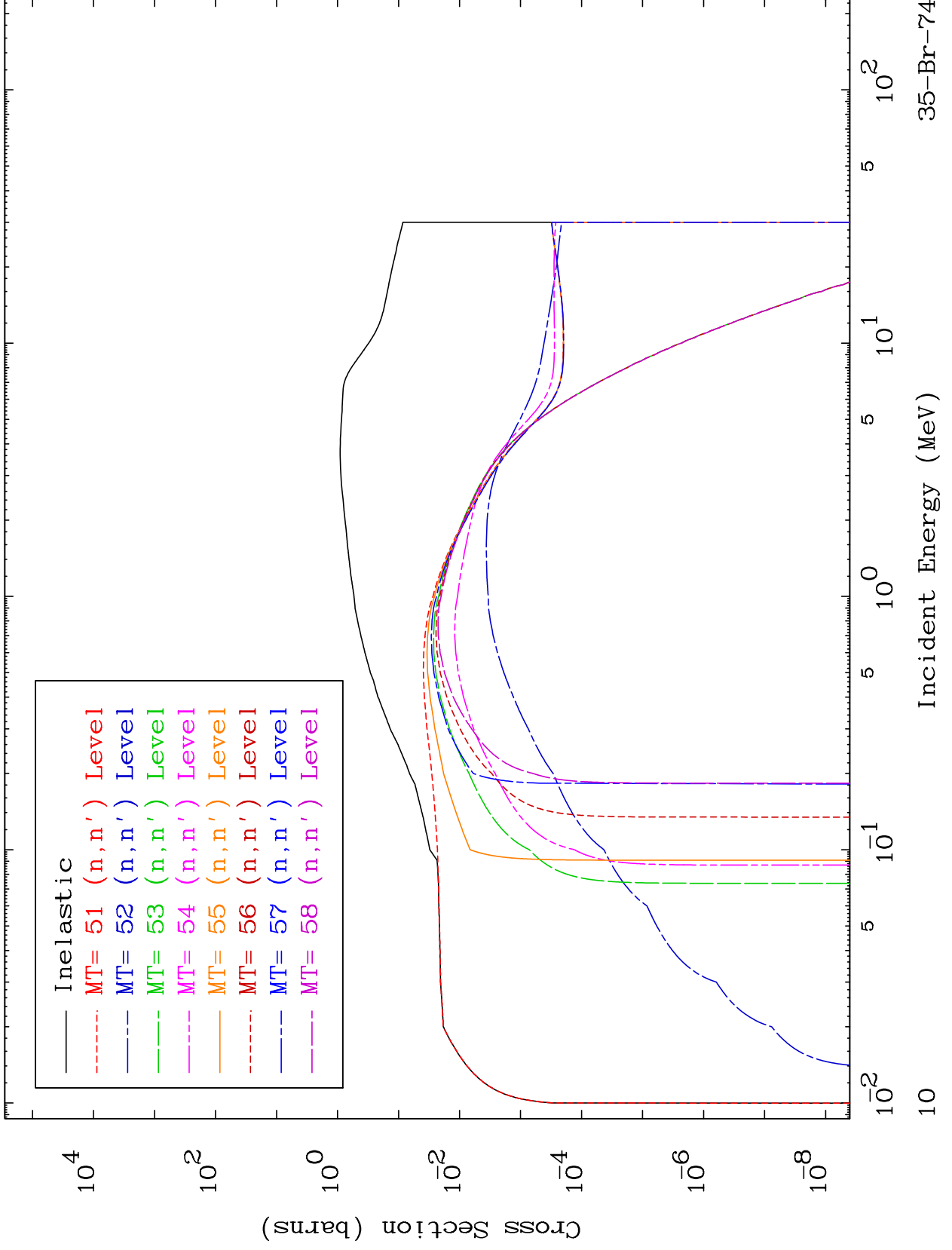
35-Br-74



MAT 3510

(n,n') Levels
293 Kelvin Cross Sections

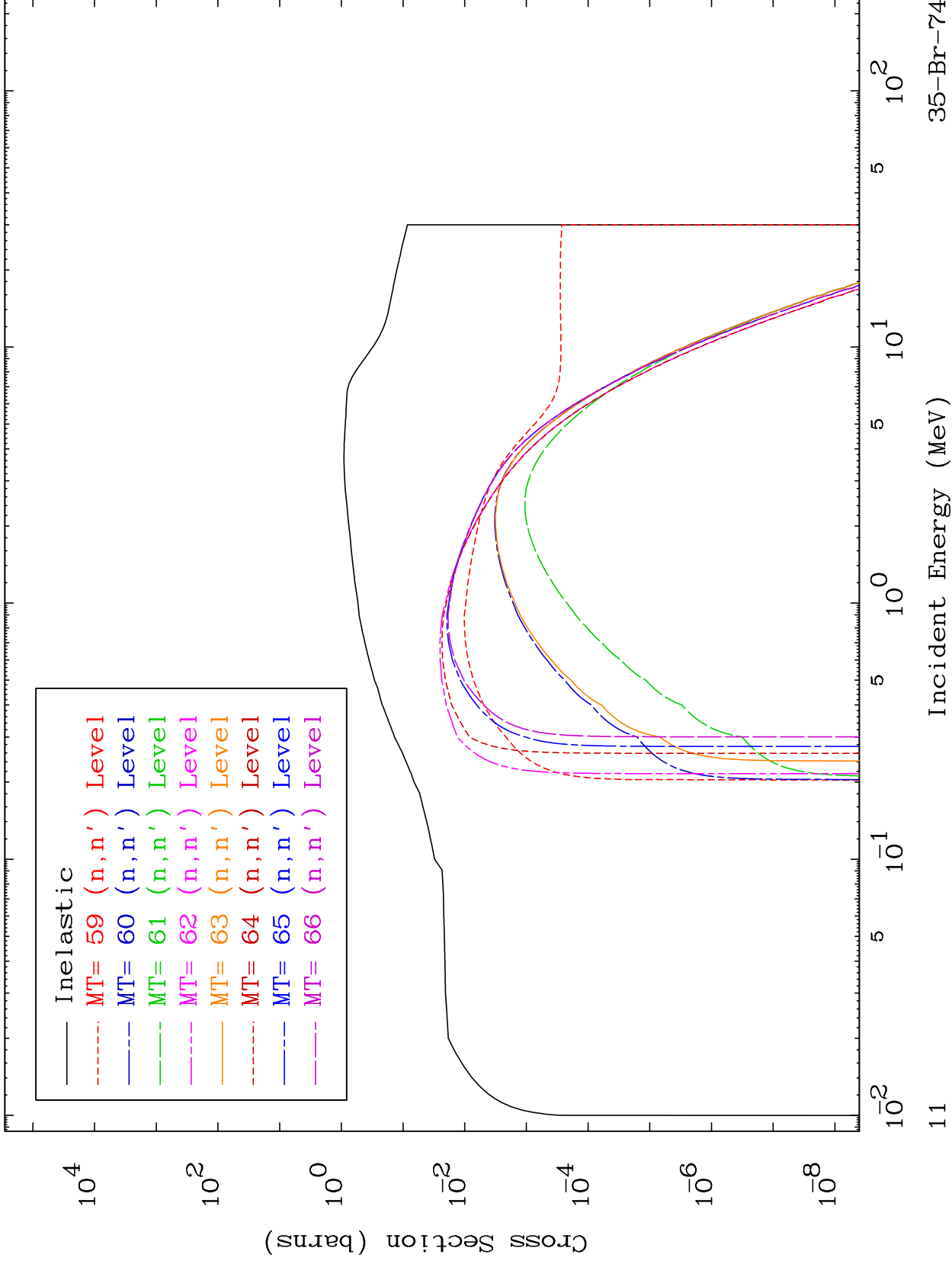
35-Br-74



MAT 3510

(n,n') Levels
293 Kelvin Cross Sections

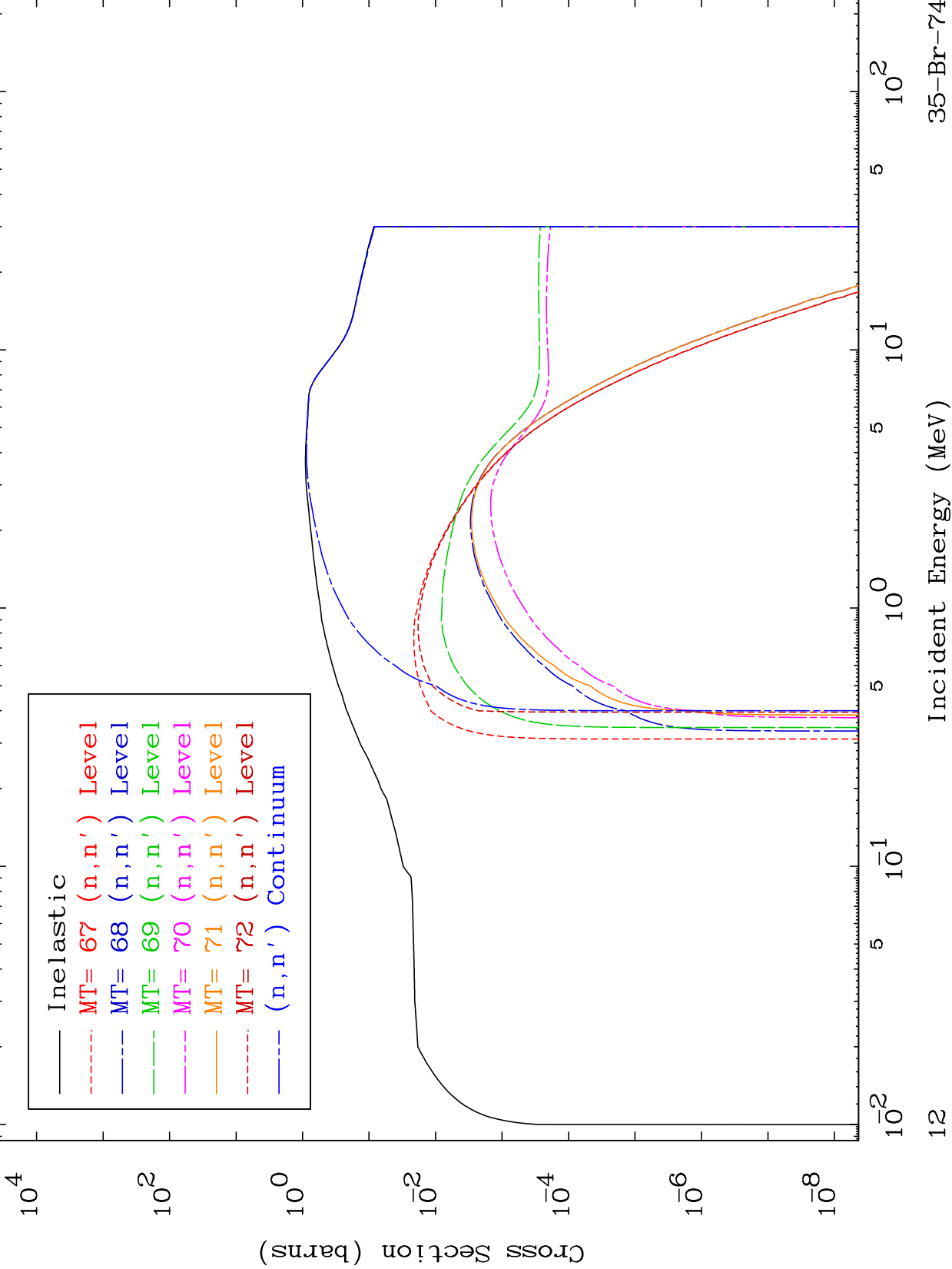
35-Br-74



MAT 3510

(n,n') Levels
293 Kelvin Cross Sections

35-Br-74



35-Br-74

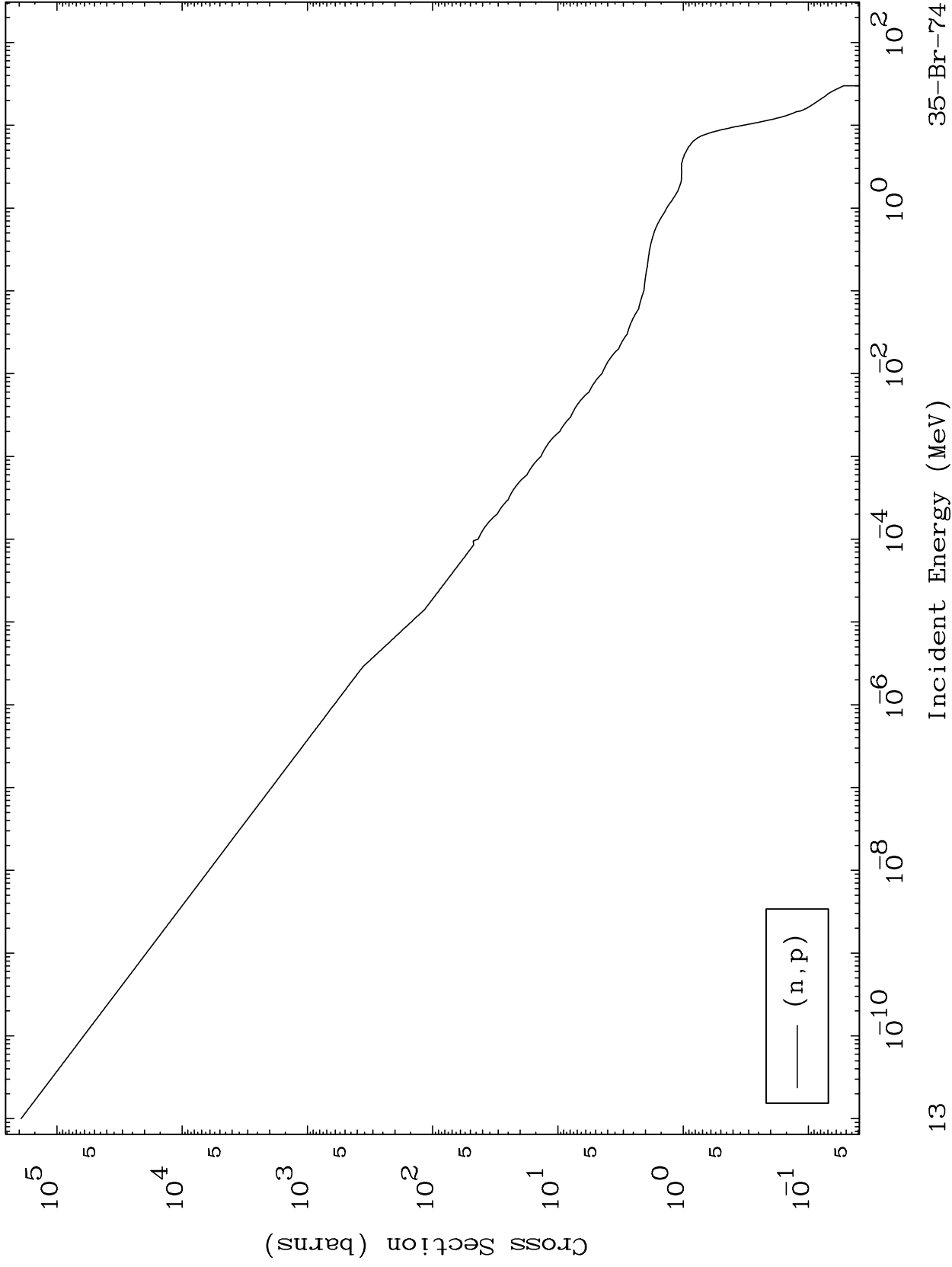
Incident Energy (MeV)

12

MAT 3510

(n,p) Levels
293 Kelvin Cross Sections

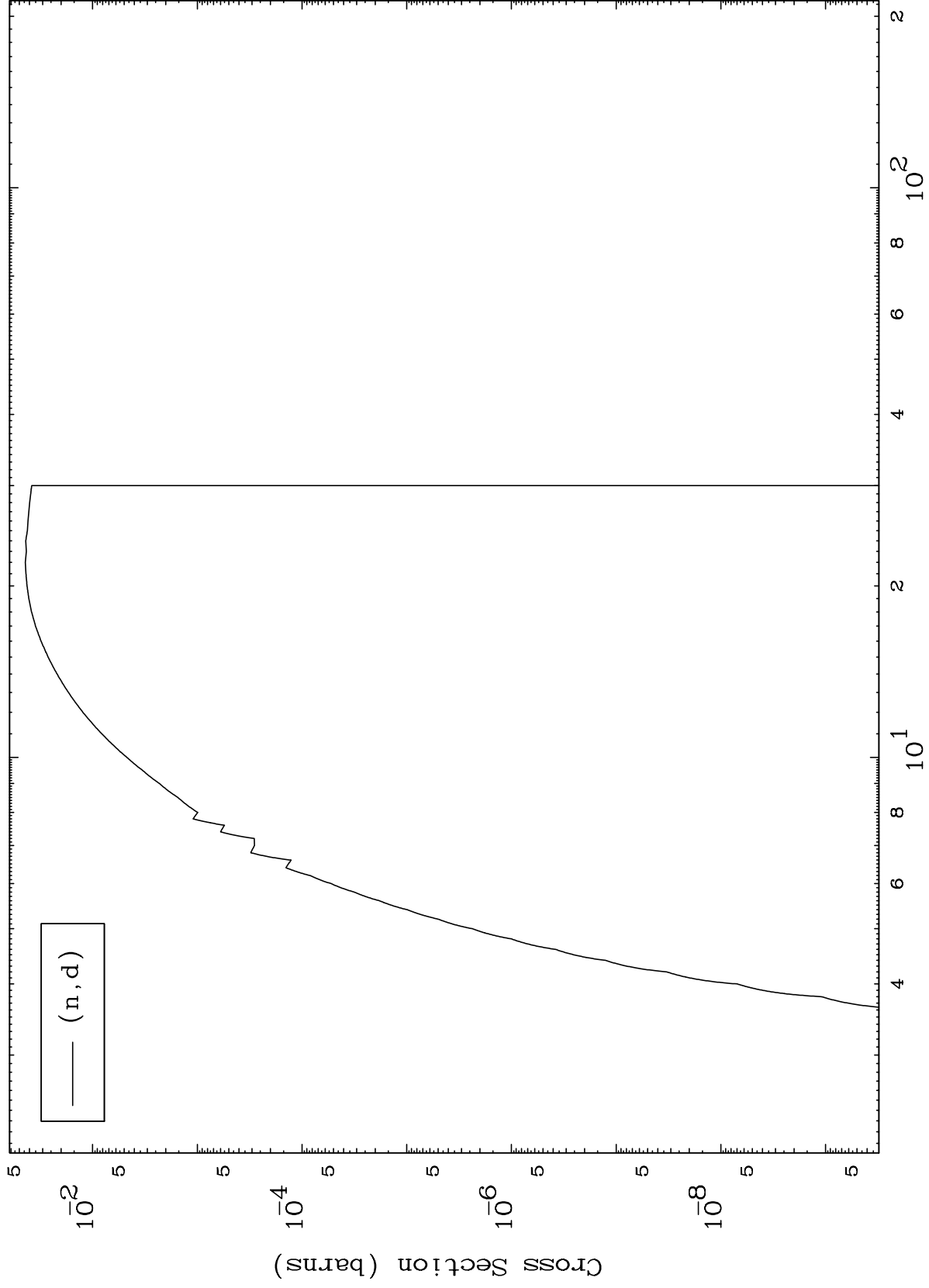
35-Br-74



MAT 3510

(n,d) Levels
293 Kelvin Cross Sections

35-Br-74



14

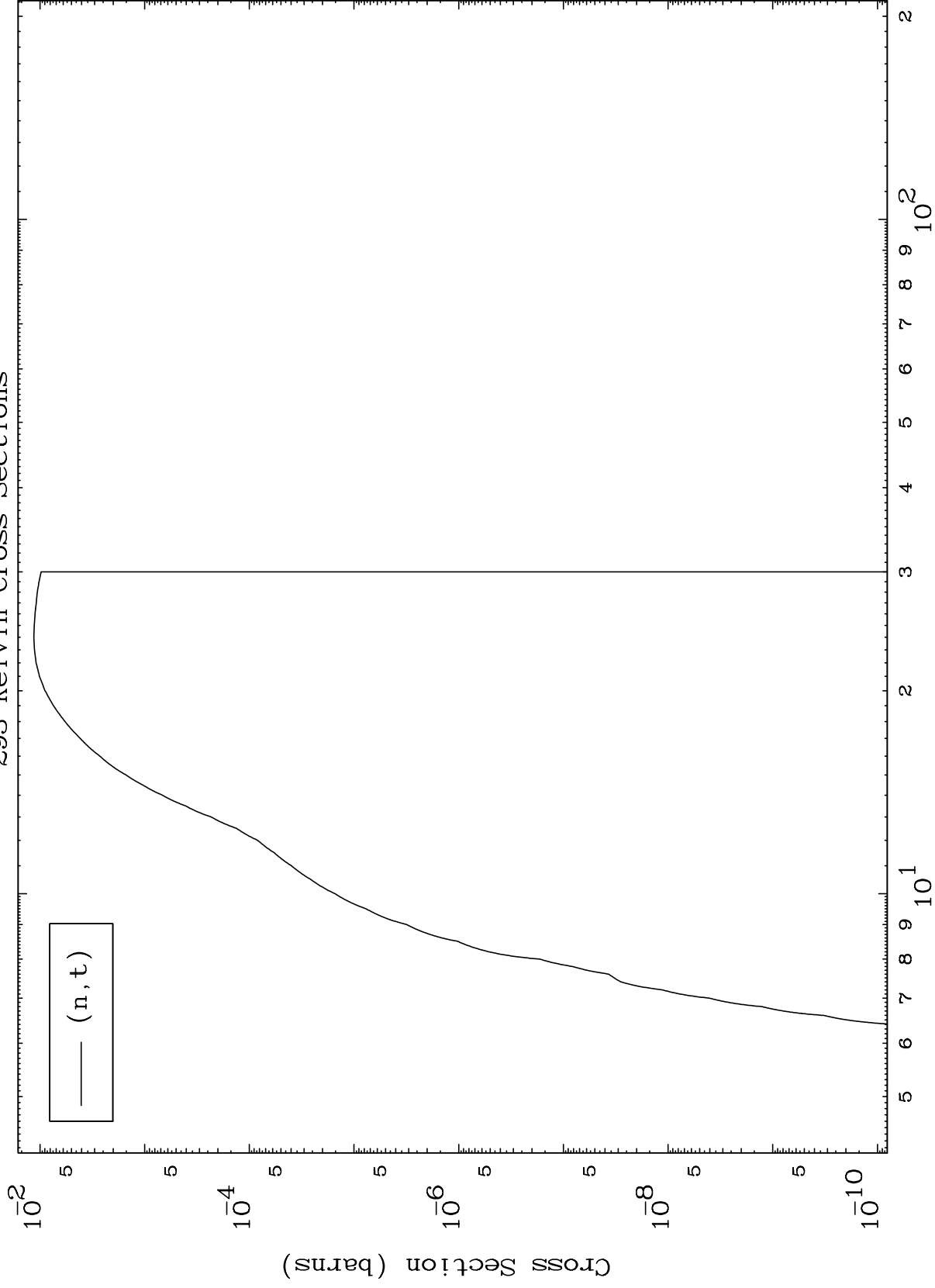
Incident Energy (MeV)

35-Br-74

MAT 3510

(n,t) Levels
293 Kelvin Cross Sections

35-Br-74



15

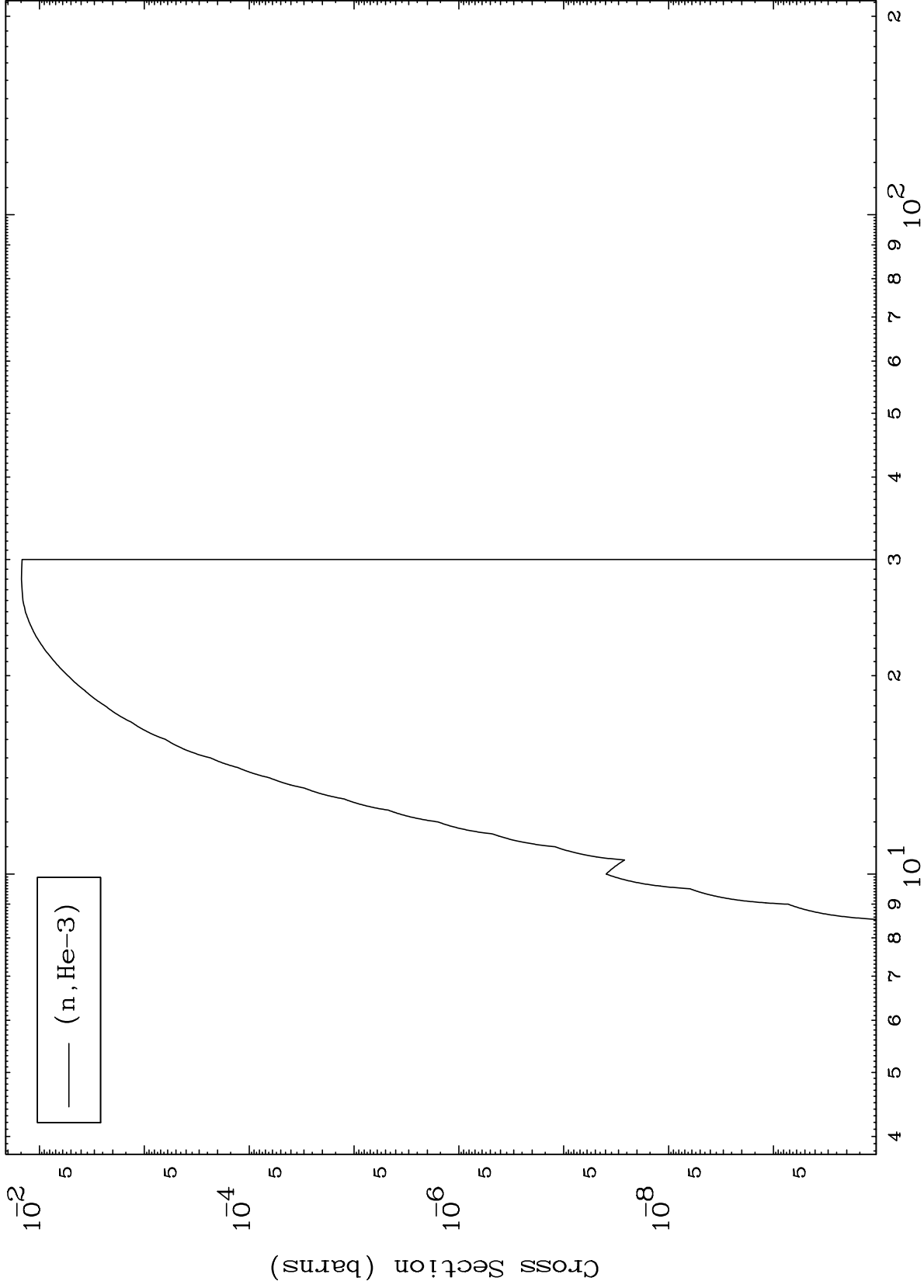
Incident Energy (MeV)

35-Br-74

MAT 3510

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-74



16

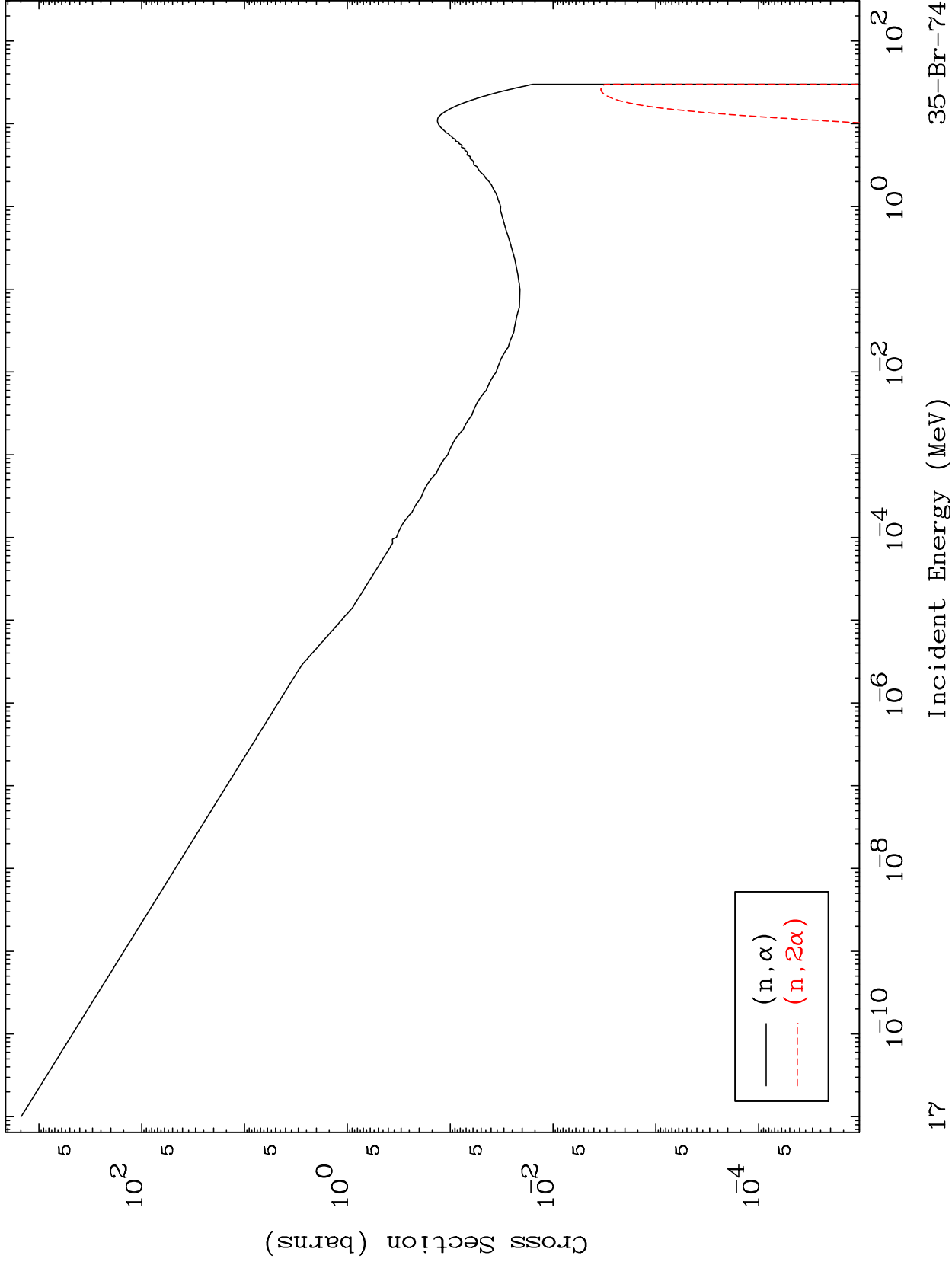
Incident Energy (MeV)

35-Br-74

MAT 3510

(n,α) Levels
293 Kelvin Cross Sections

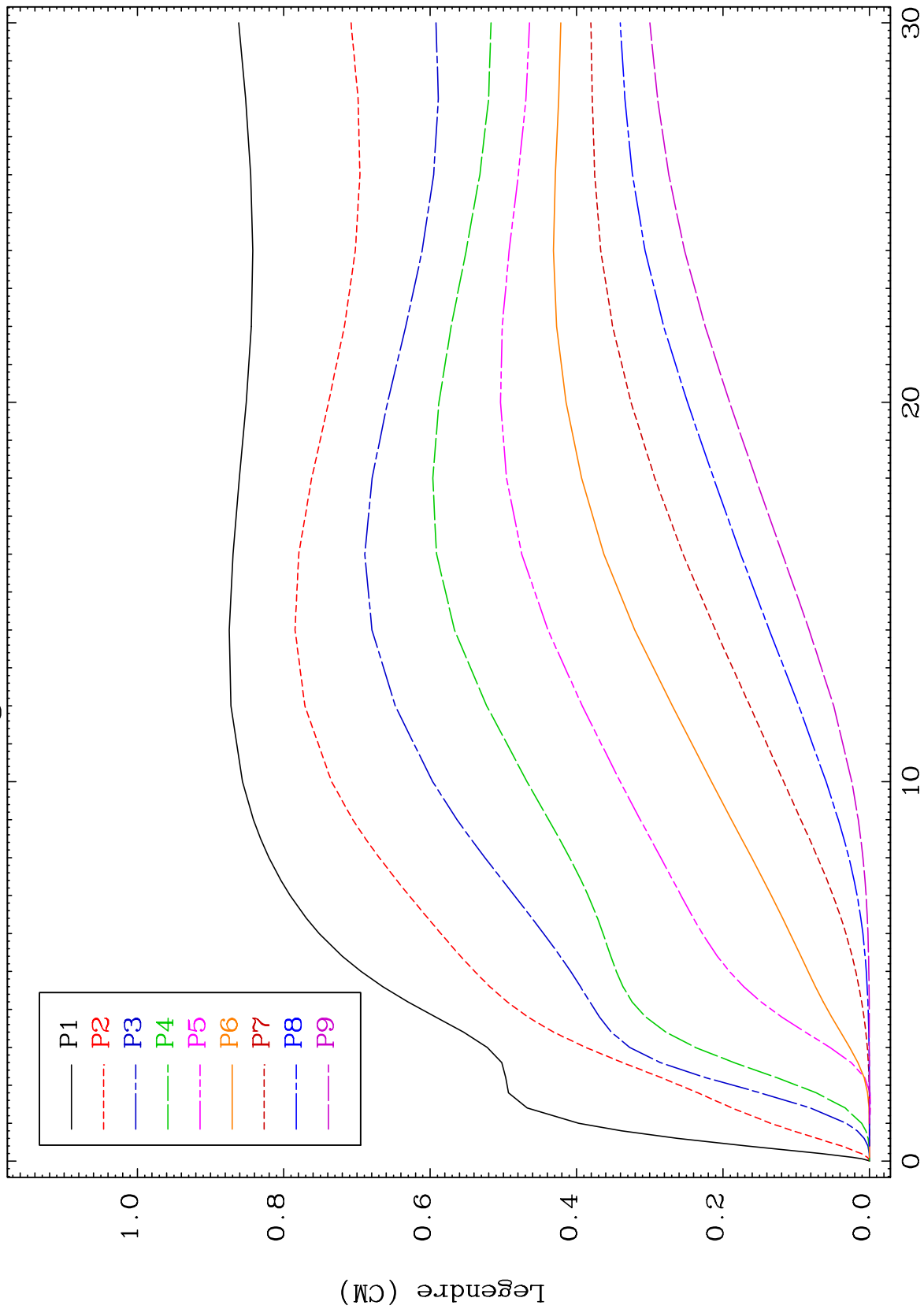
35-Br-74



MAT 3510

Elastic Legendre Coefficients

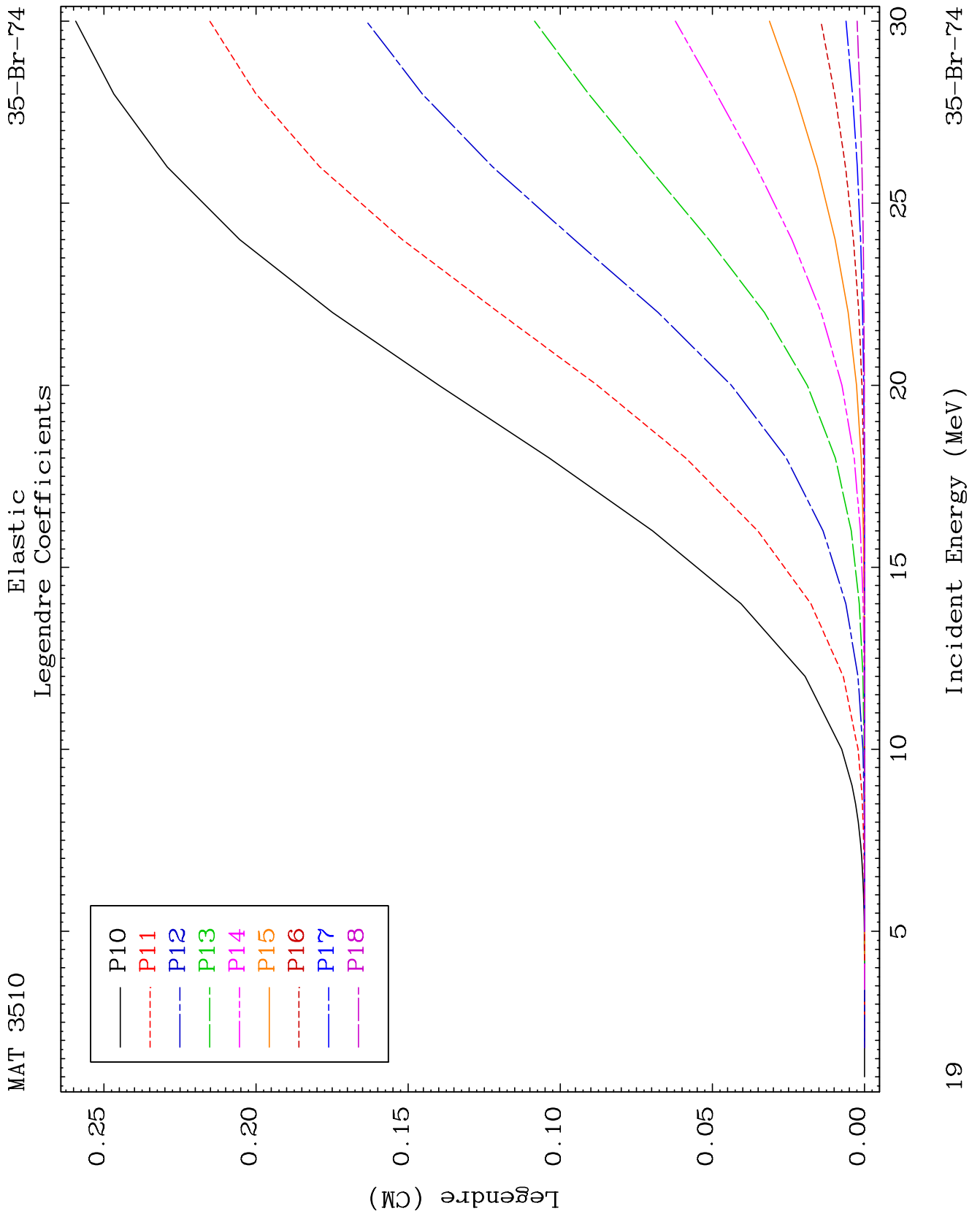
³⁵Br-⁷⁴

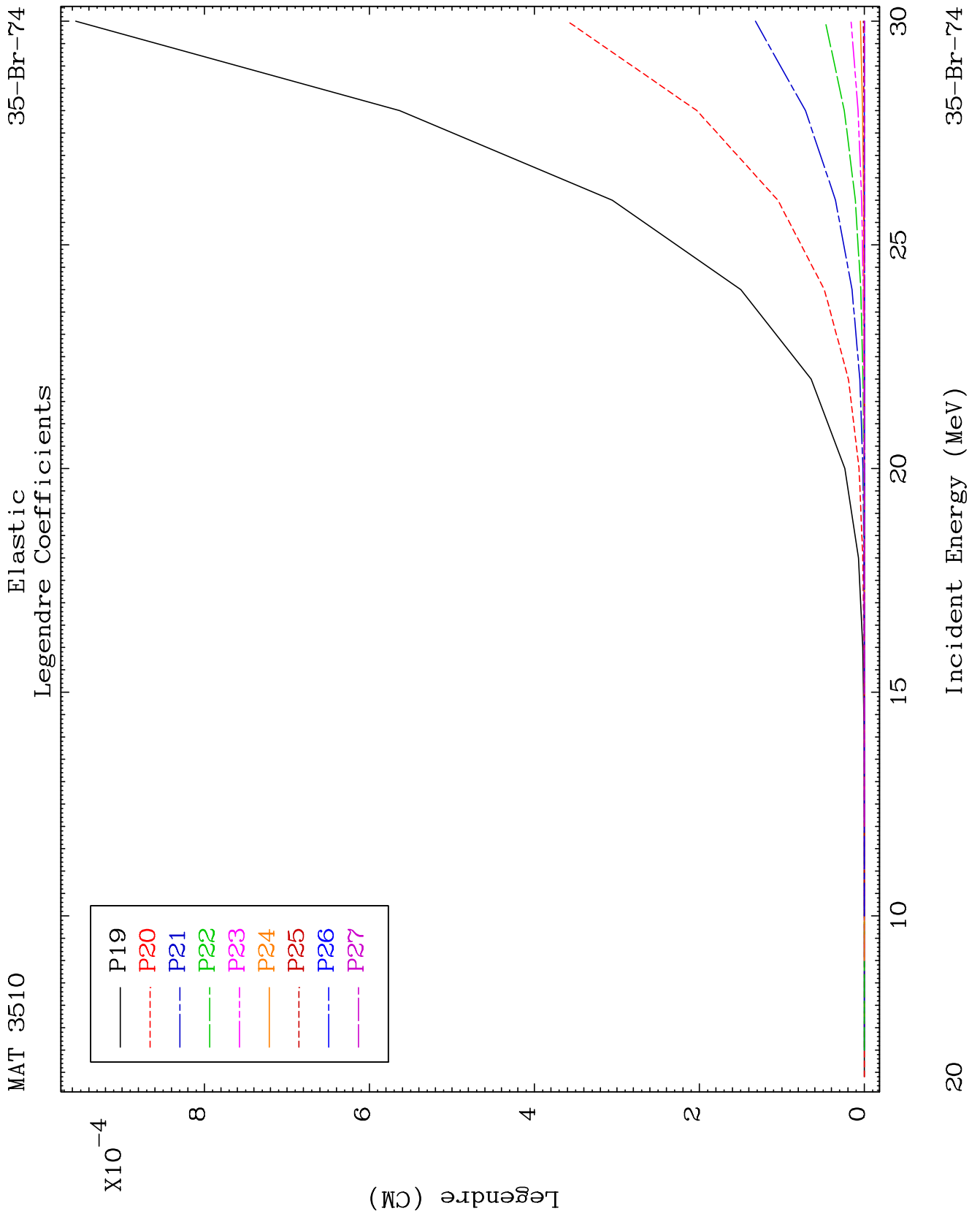


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Incident Energy (MeV)

³⁵Br-⁷⁴





MAT 3510

35-Br-74

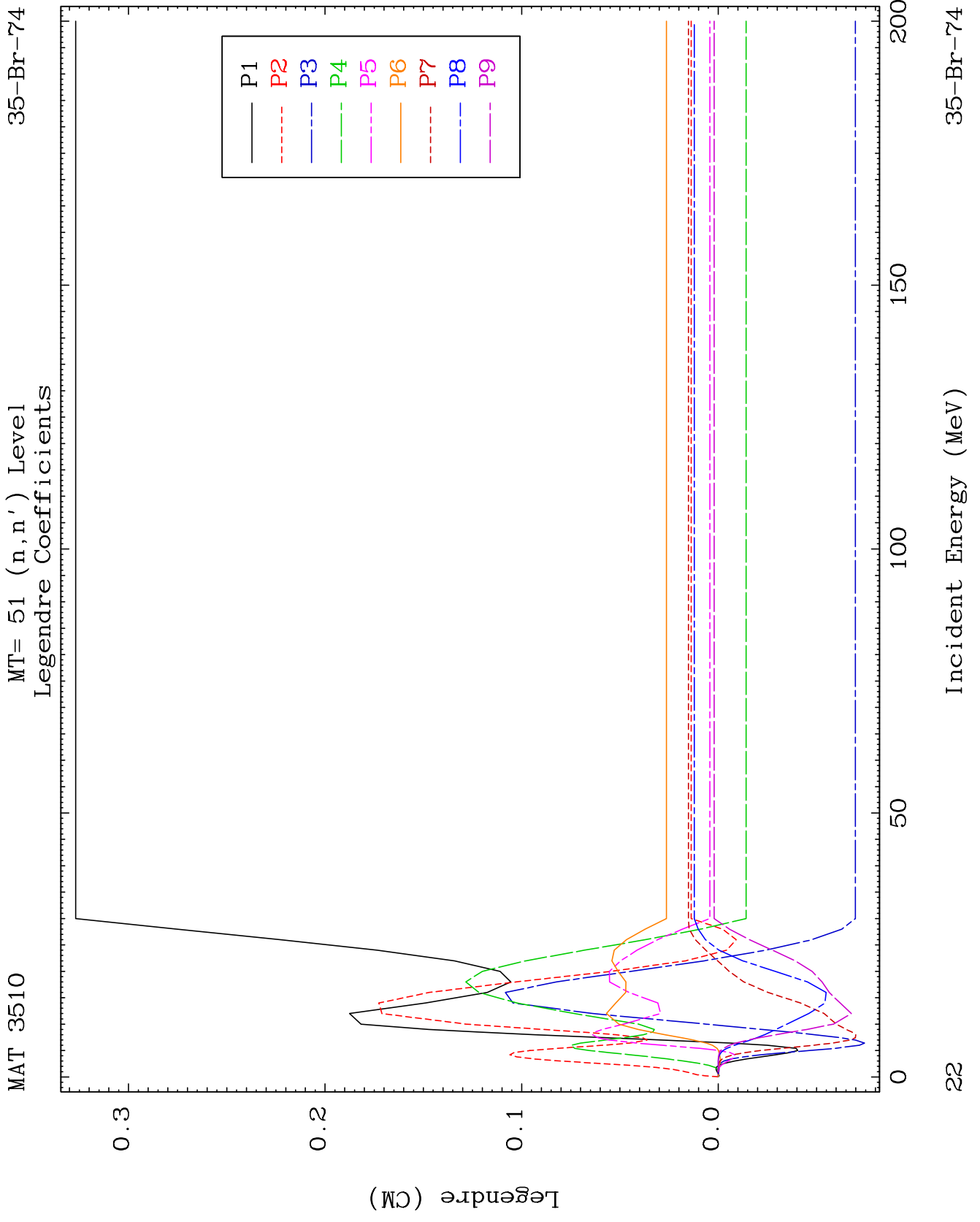
Elastic Legendre Coefficients



21

Incident Energy (MeV)

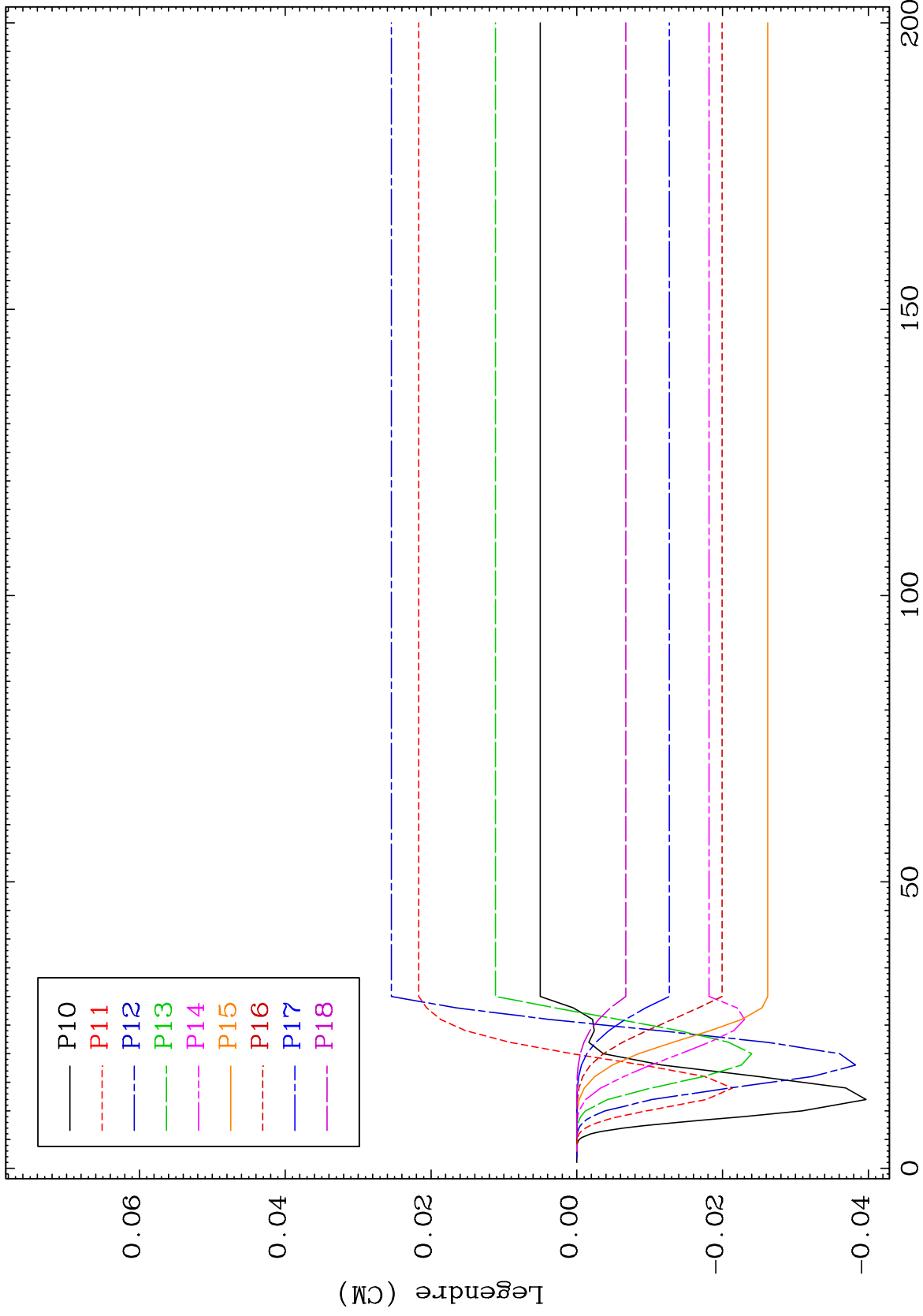
35-Br-74



MAT 3510

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

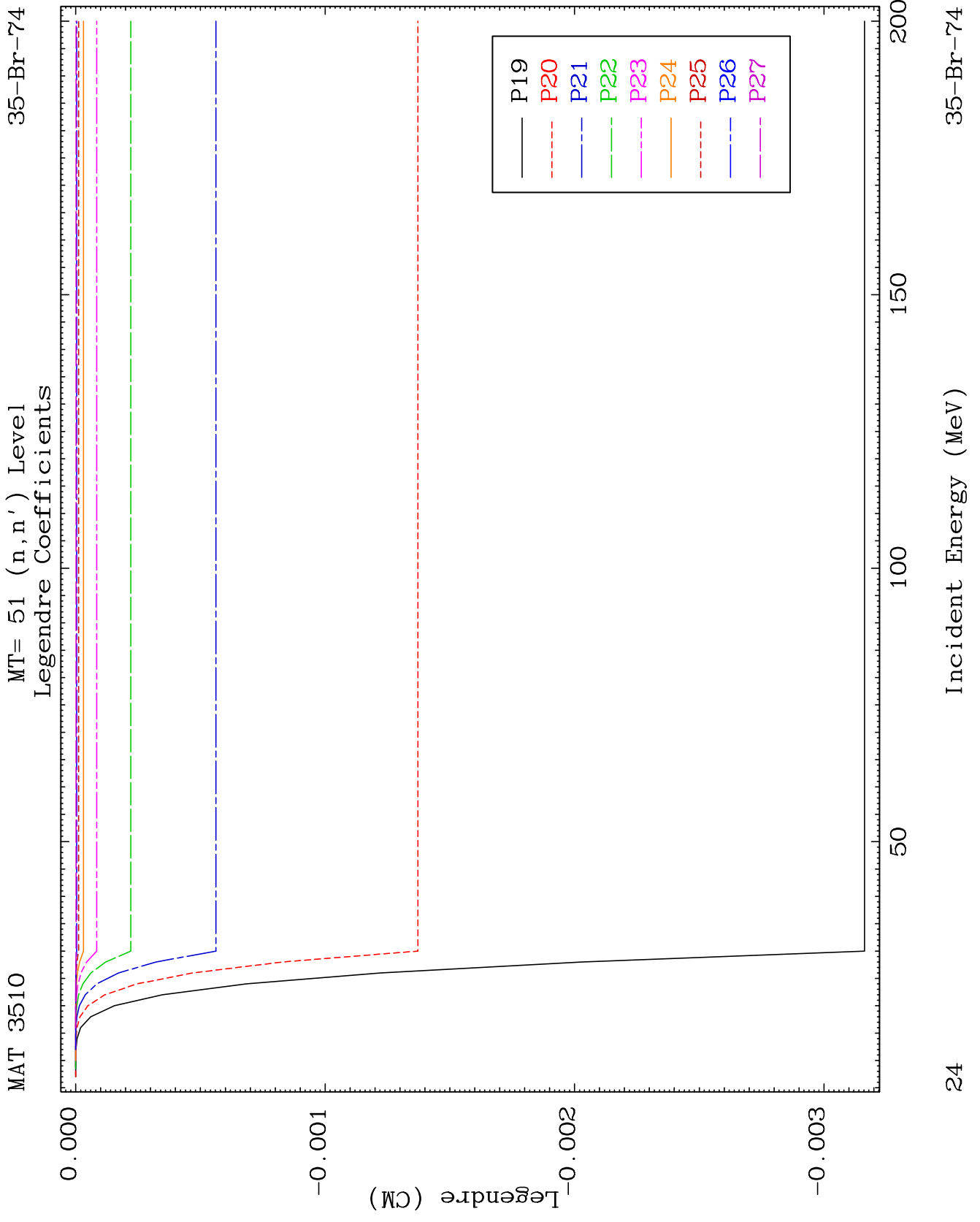
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23

Incident Energy (MeV)

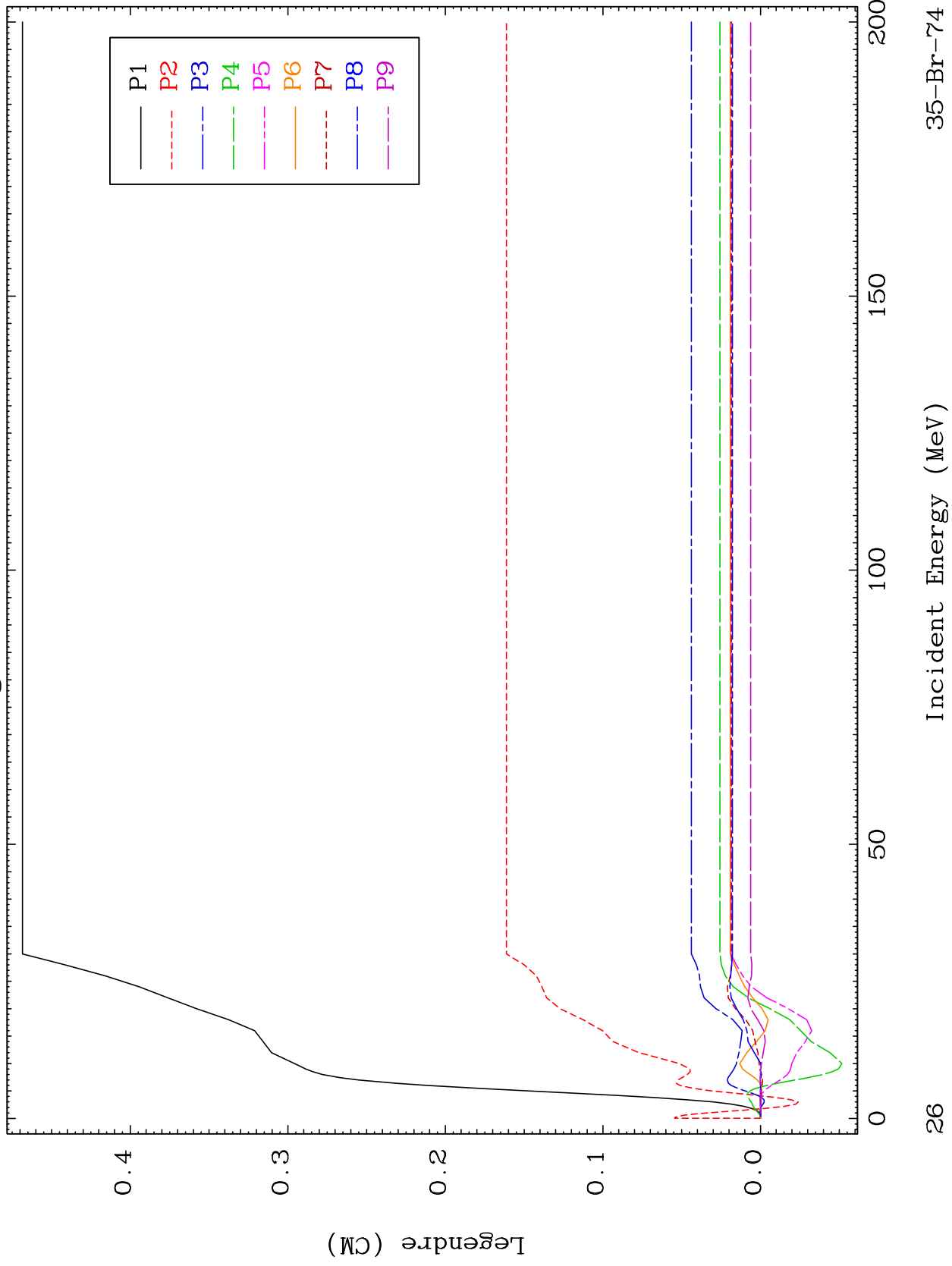
35-Br-74



MAT 3510

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

35-Br-74



26

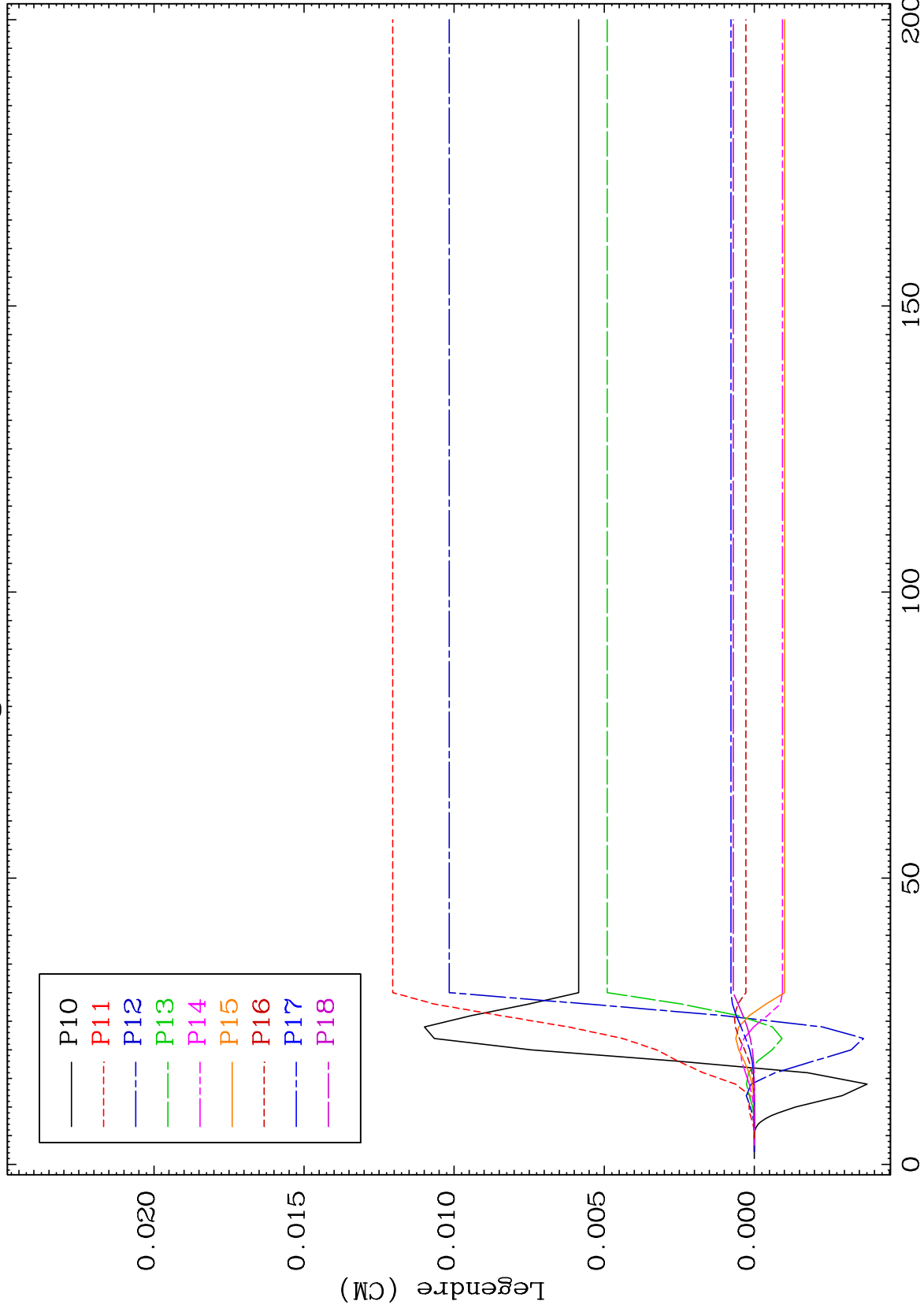
Incident Energy (MeV)

35-Br-74

MAT 3510

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

35-Br-74



27

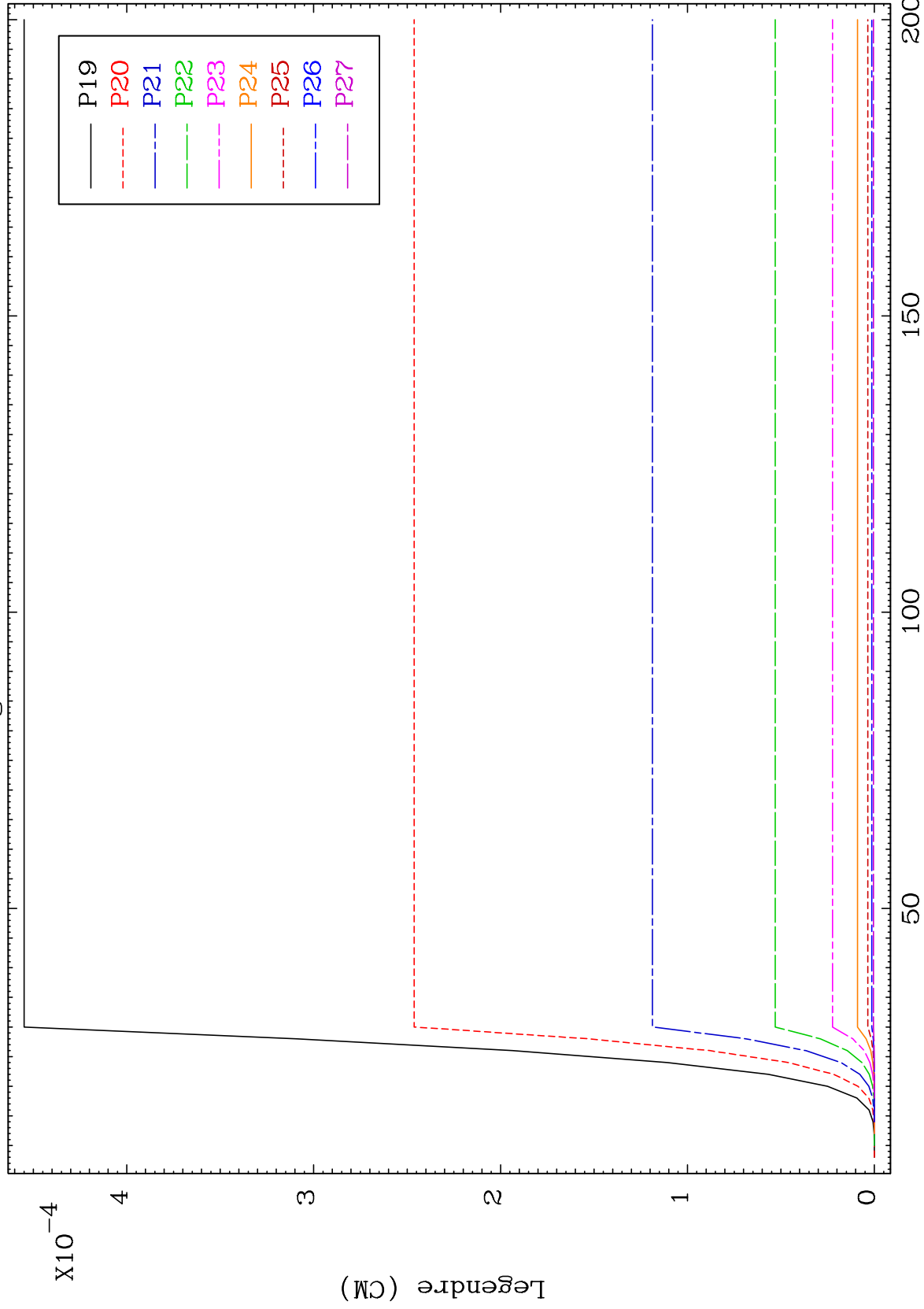
Incident Energy (MeV)

35-Br-74

MAT 3510

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

35-Br-74



28

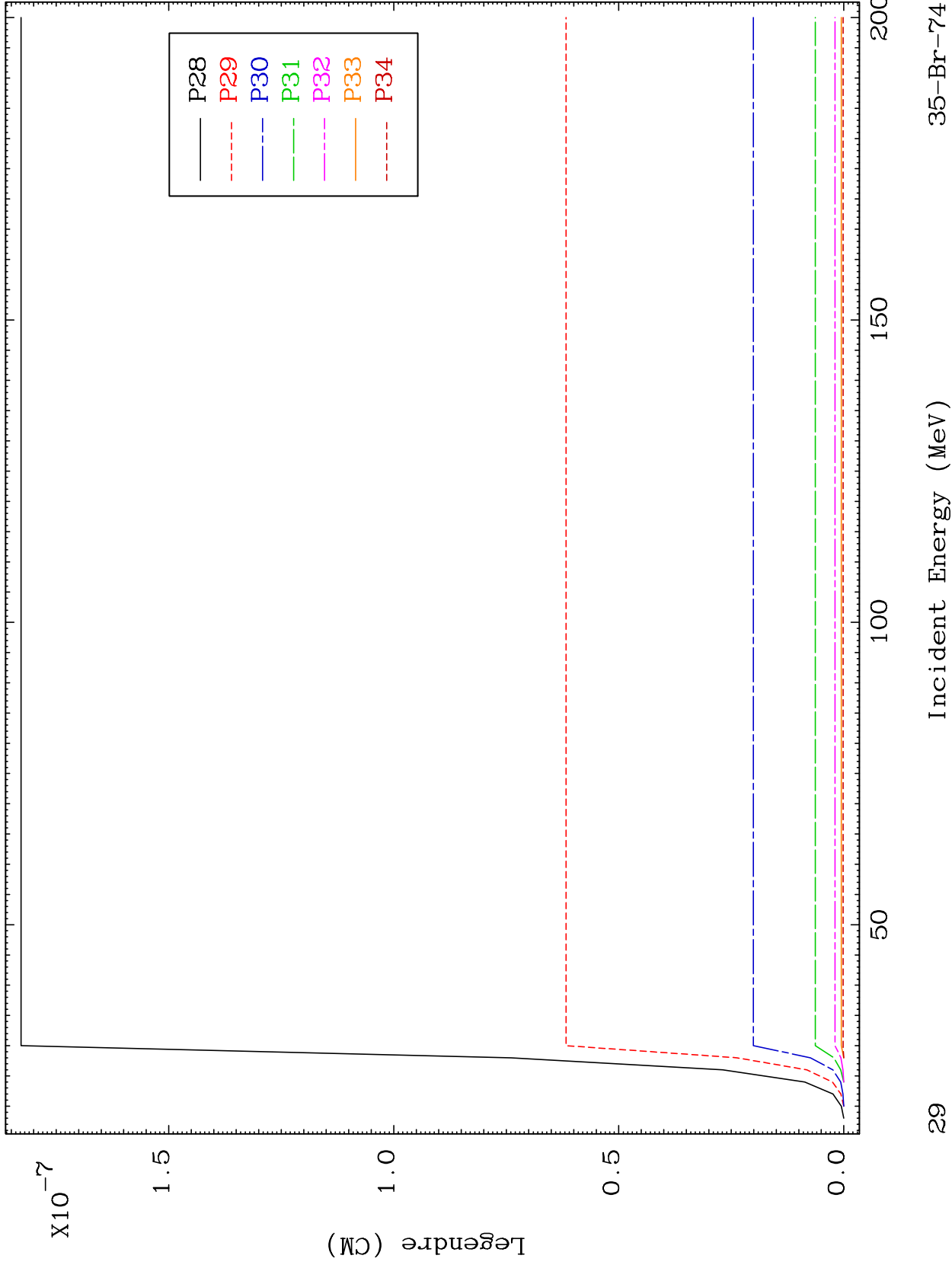
Incident Energy (MeV)

35-Br-74

MAT 3510

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

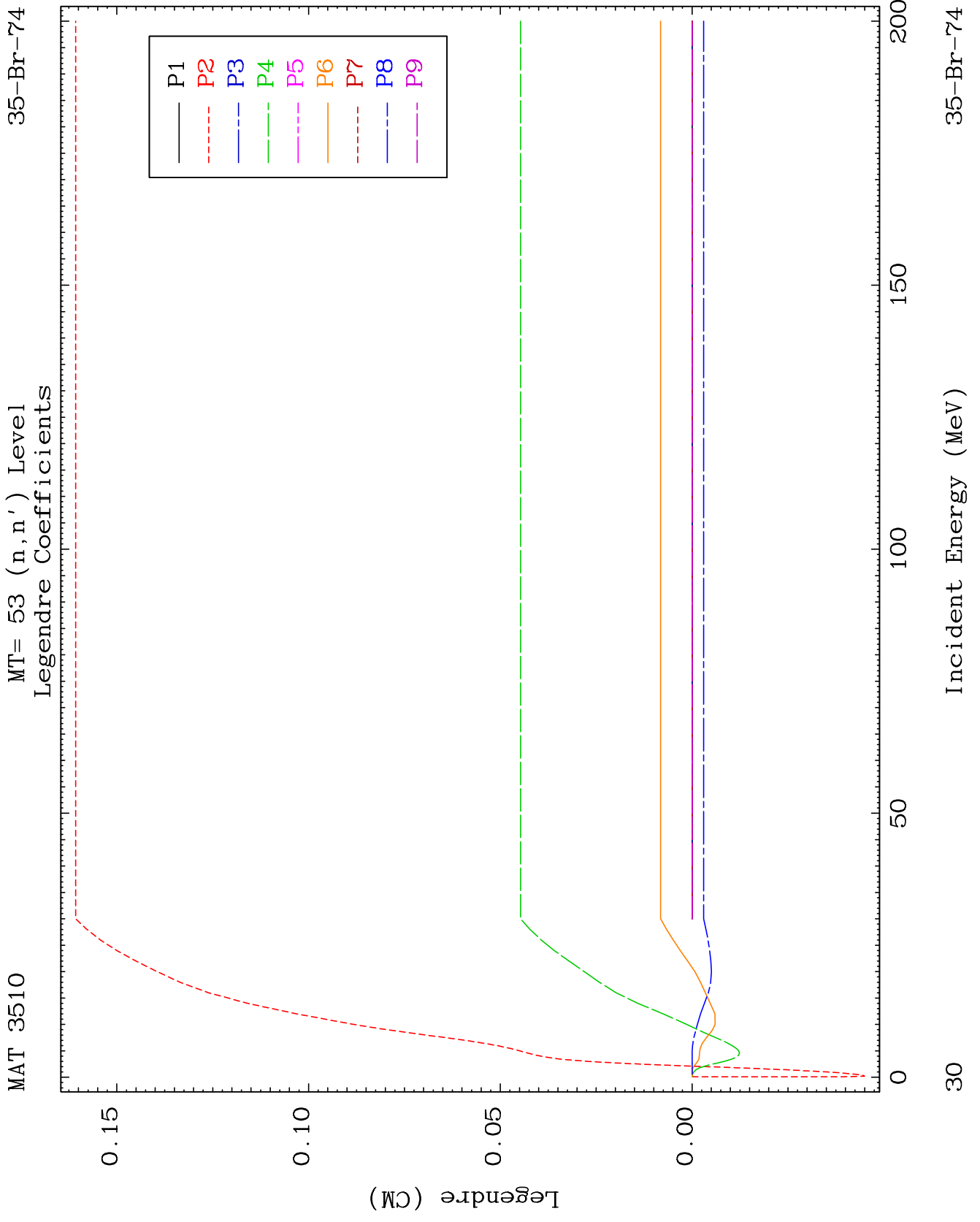
35-Br-74



29

Incident Energy (MeV)

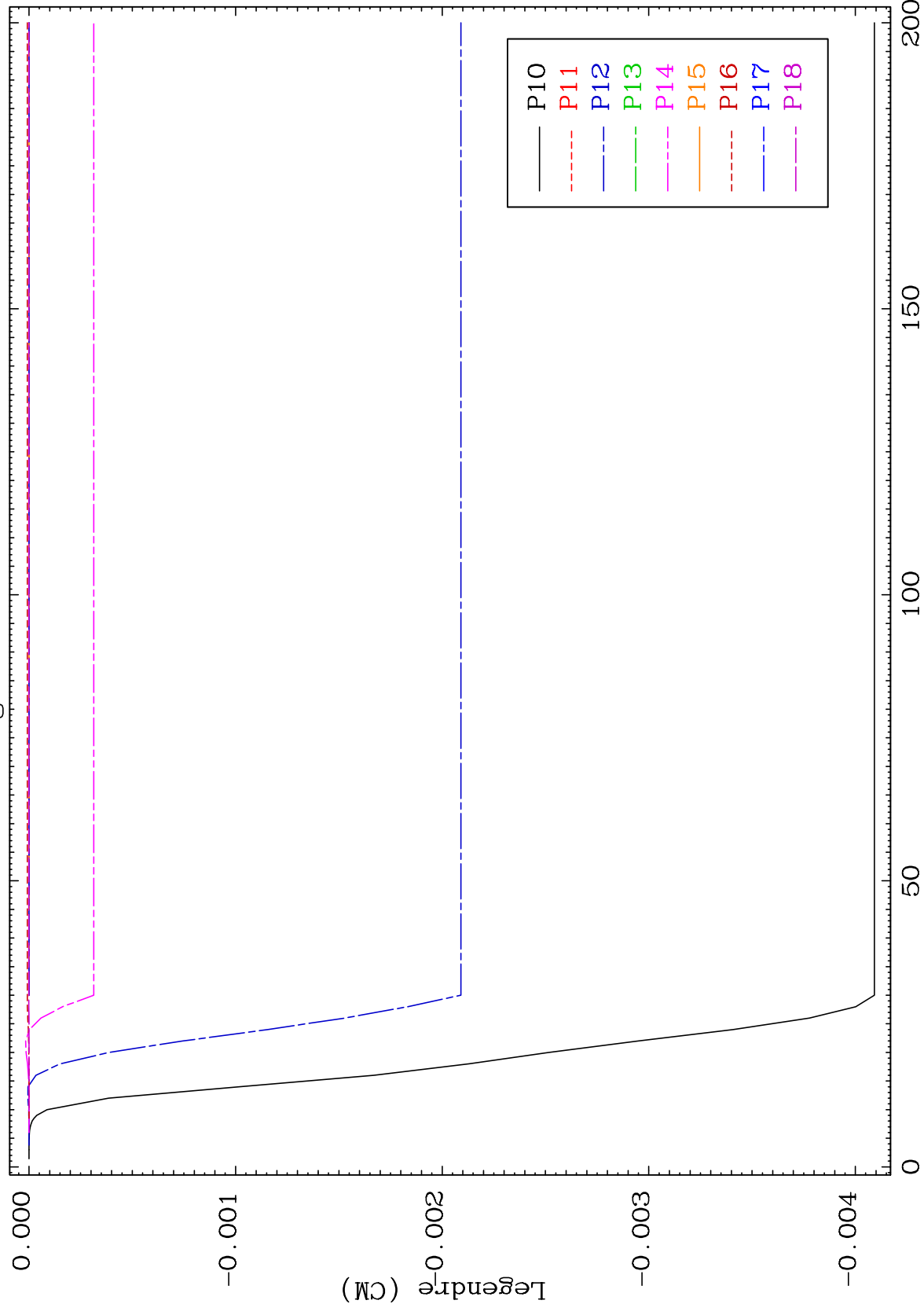
35-Br-74



MAT 3510

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

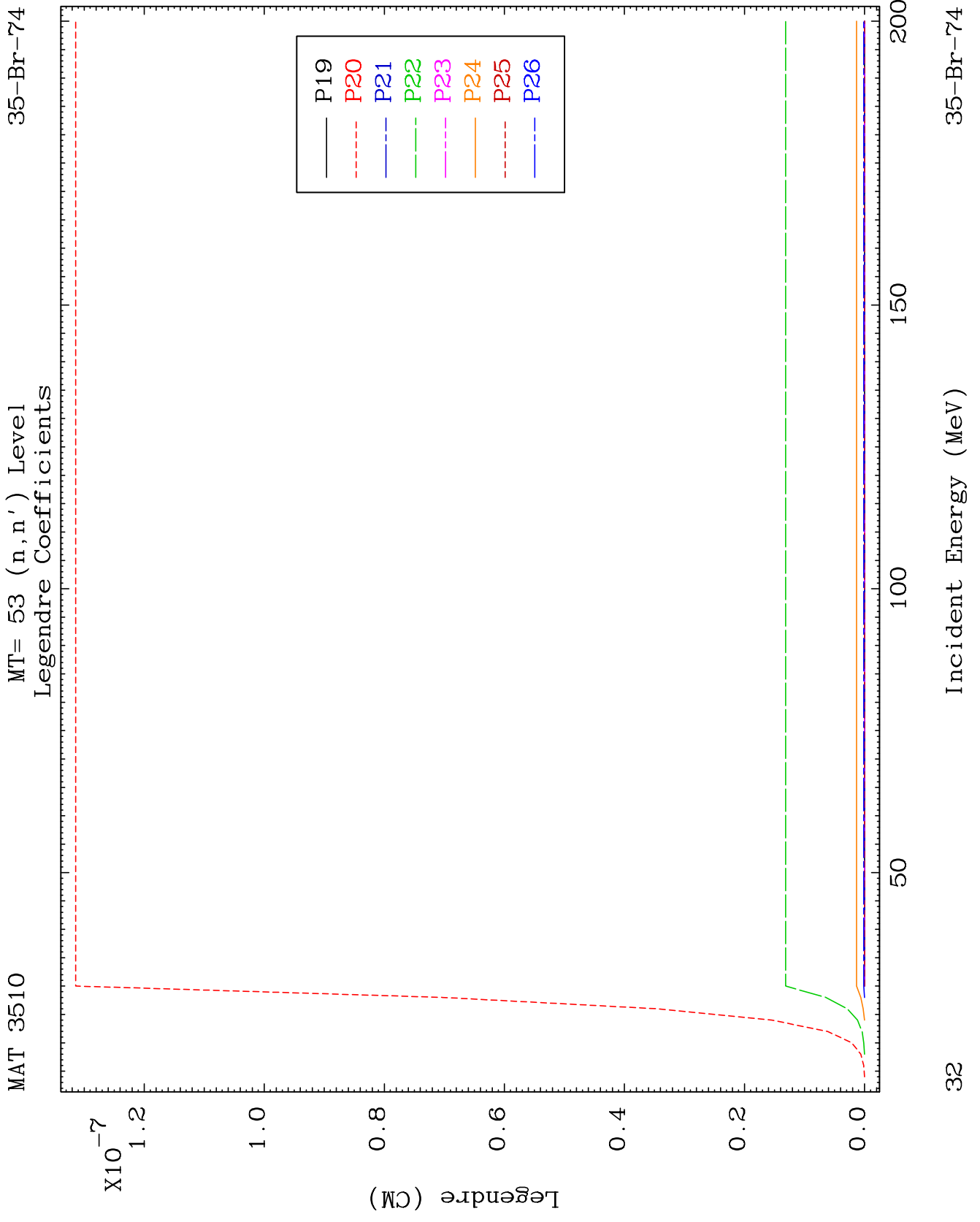
35-Br-74



31

Incident Energy (MeV)

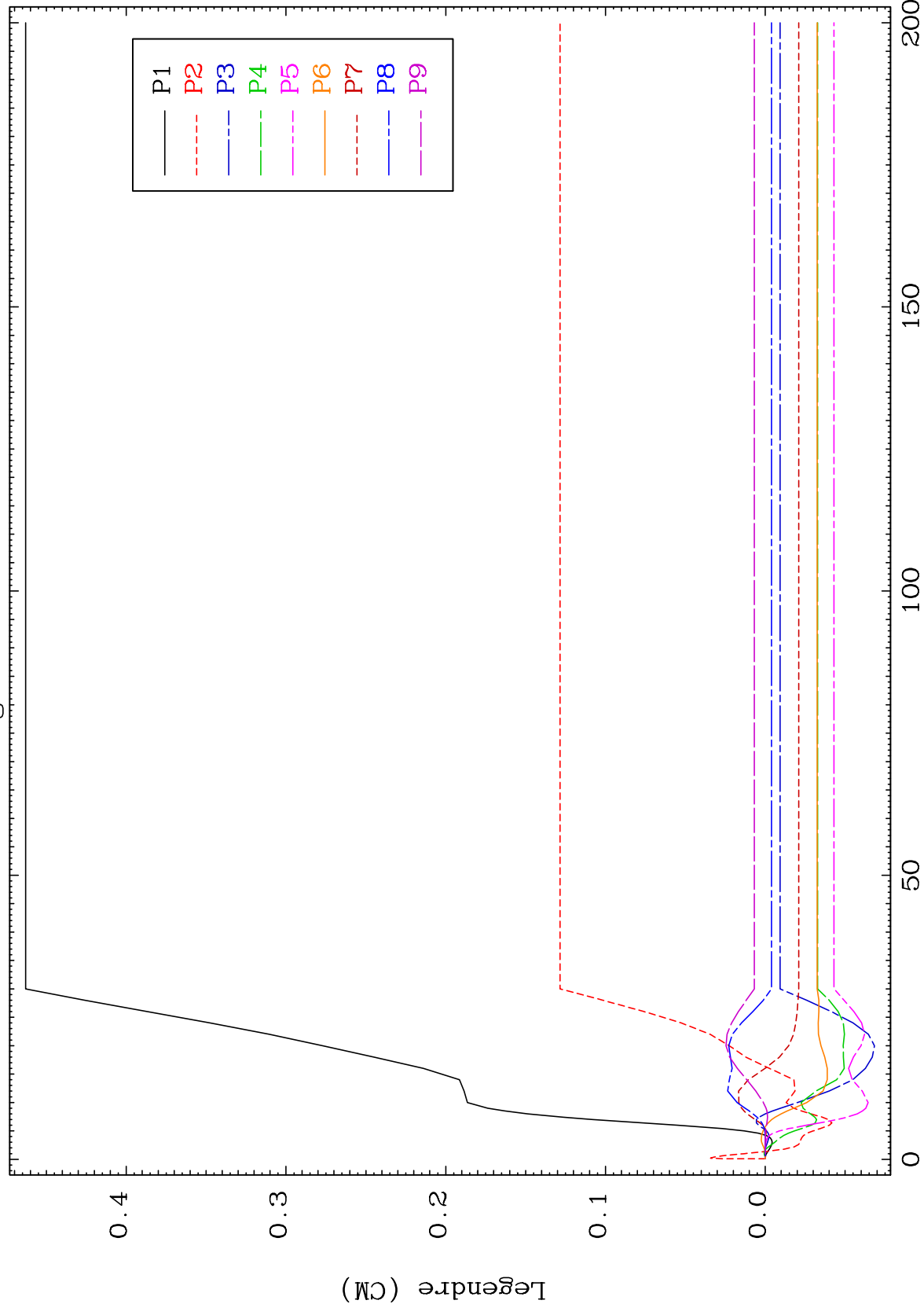
35-Br-74



MAT 3510

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

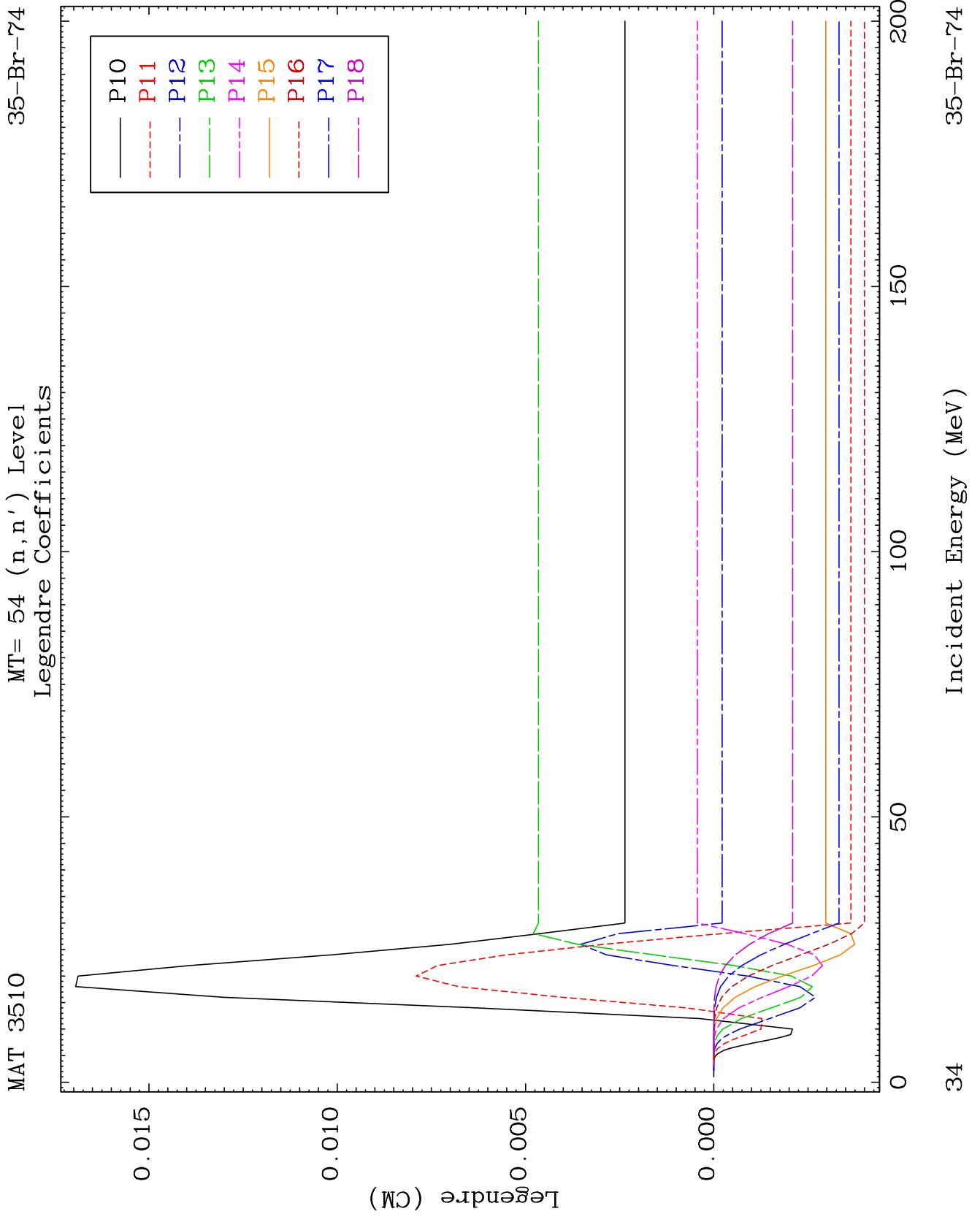
35-Br-74

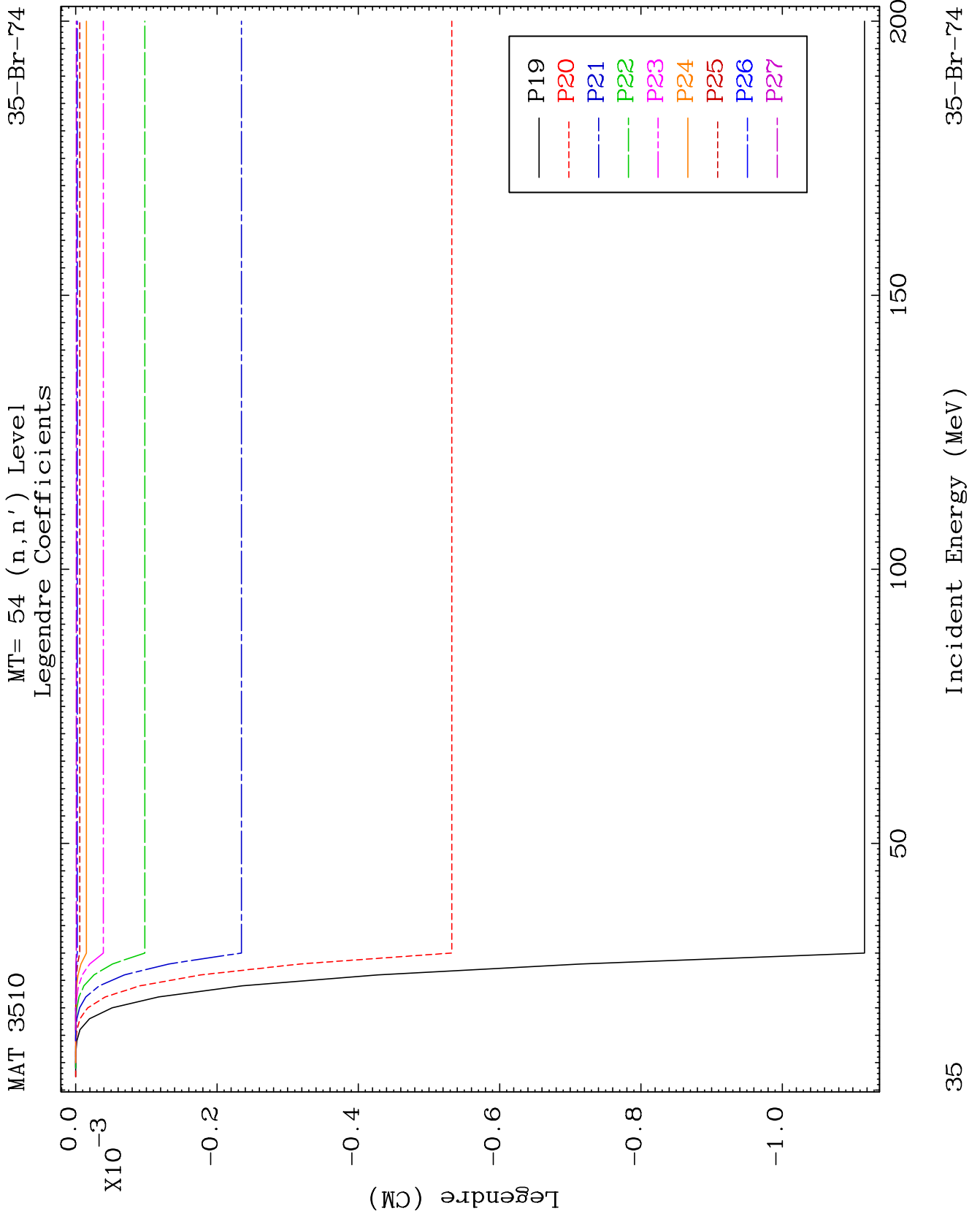


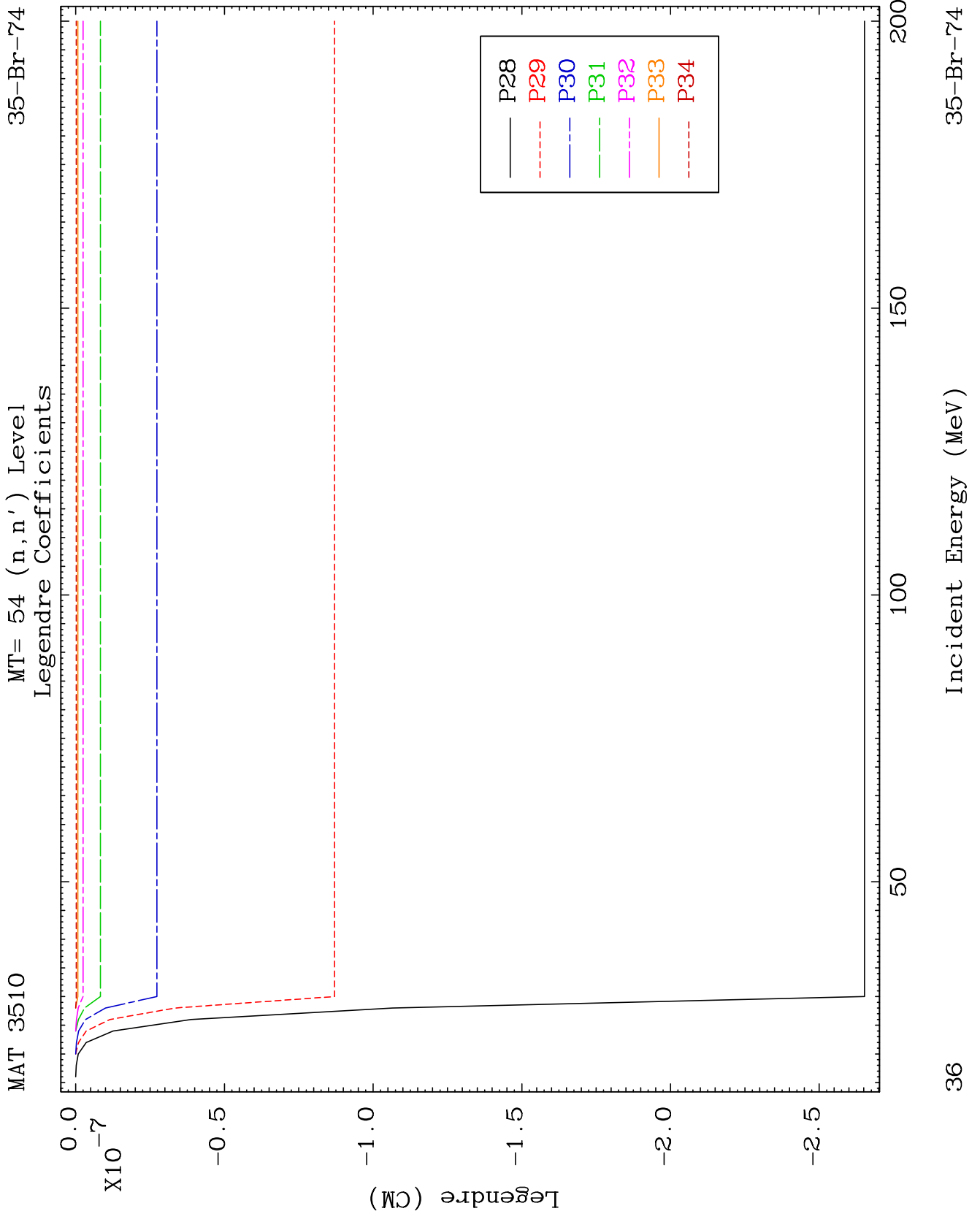
33

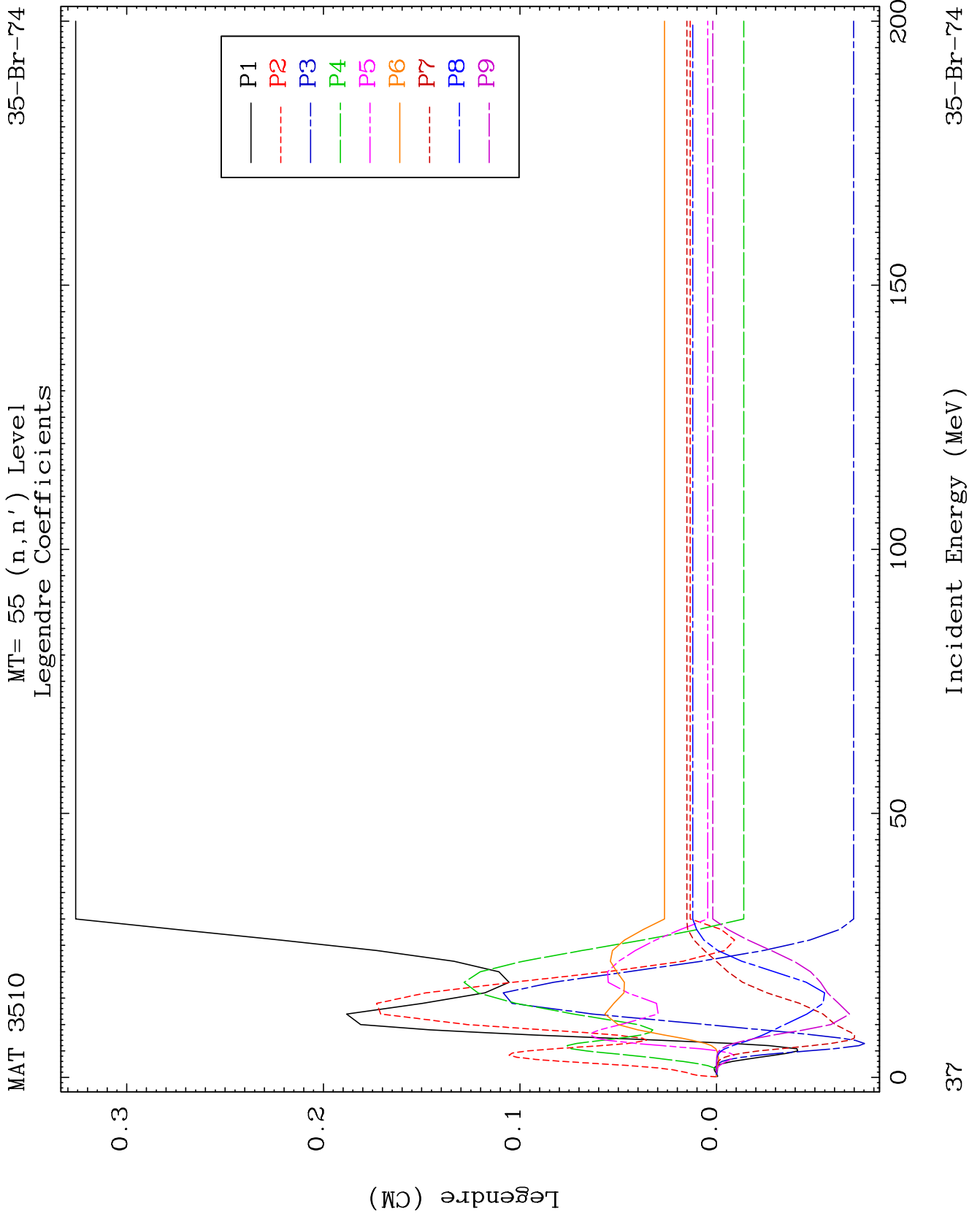
Incident Energy (MeV)

35-Br-74





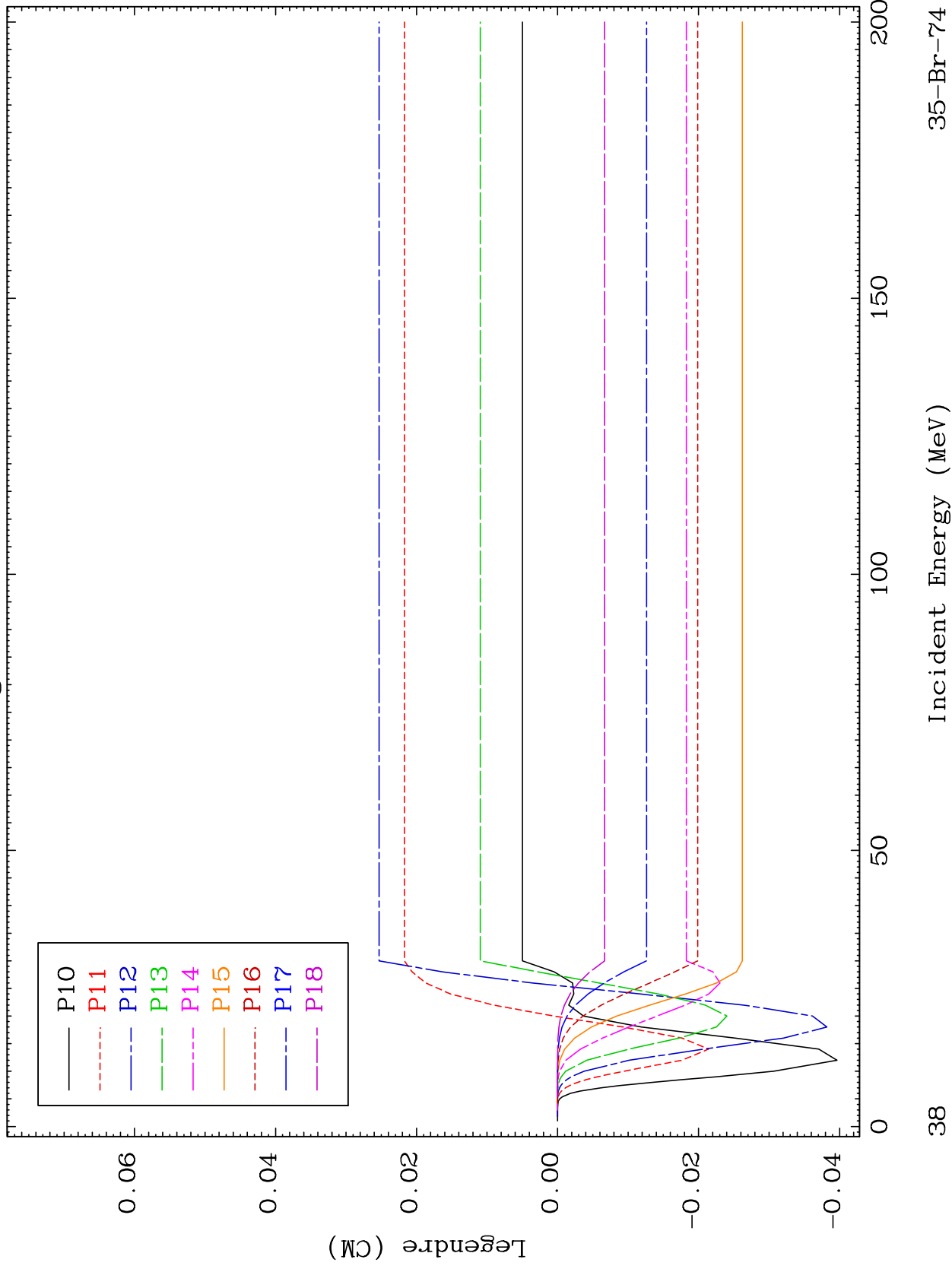




MAT 3510

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

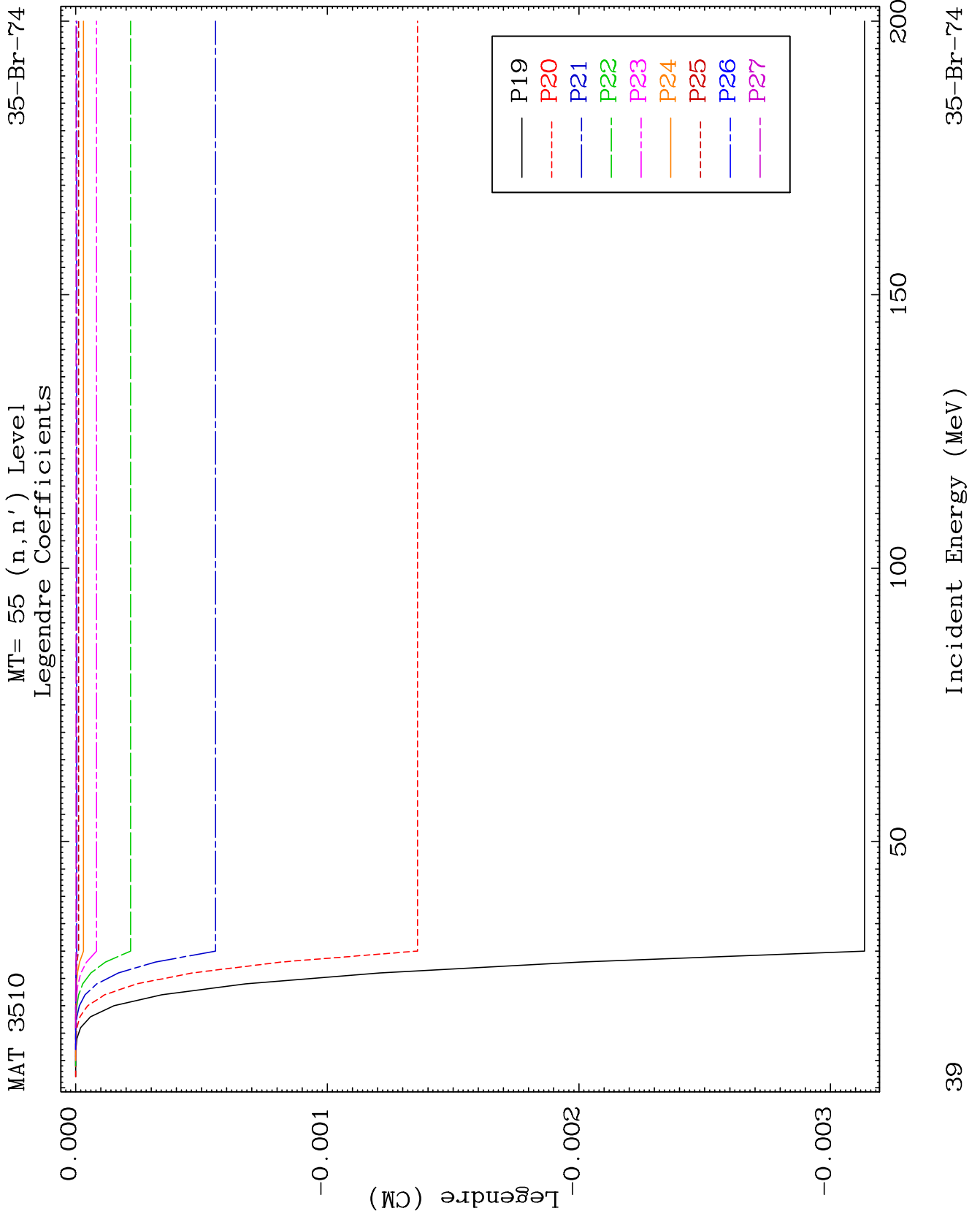
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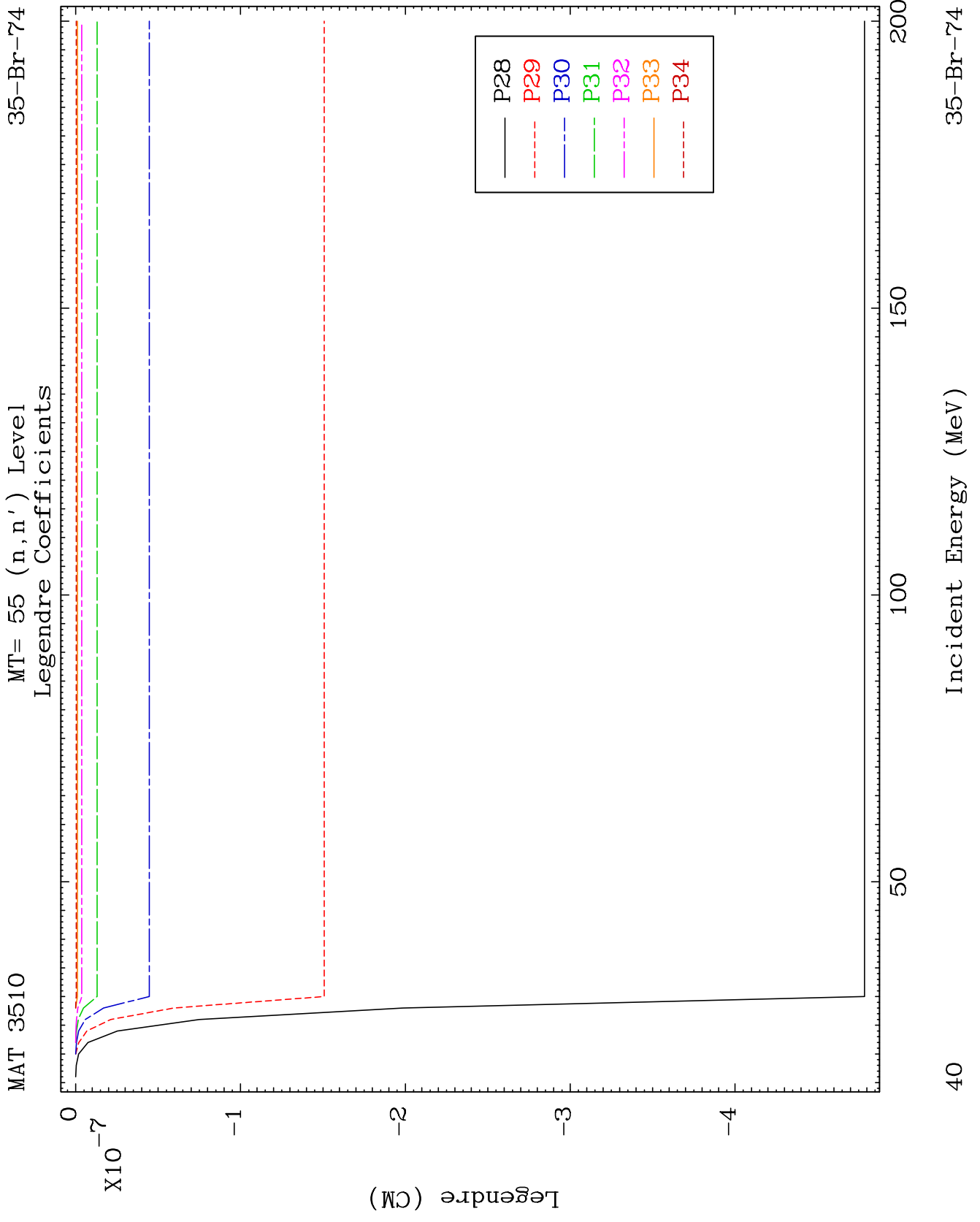


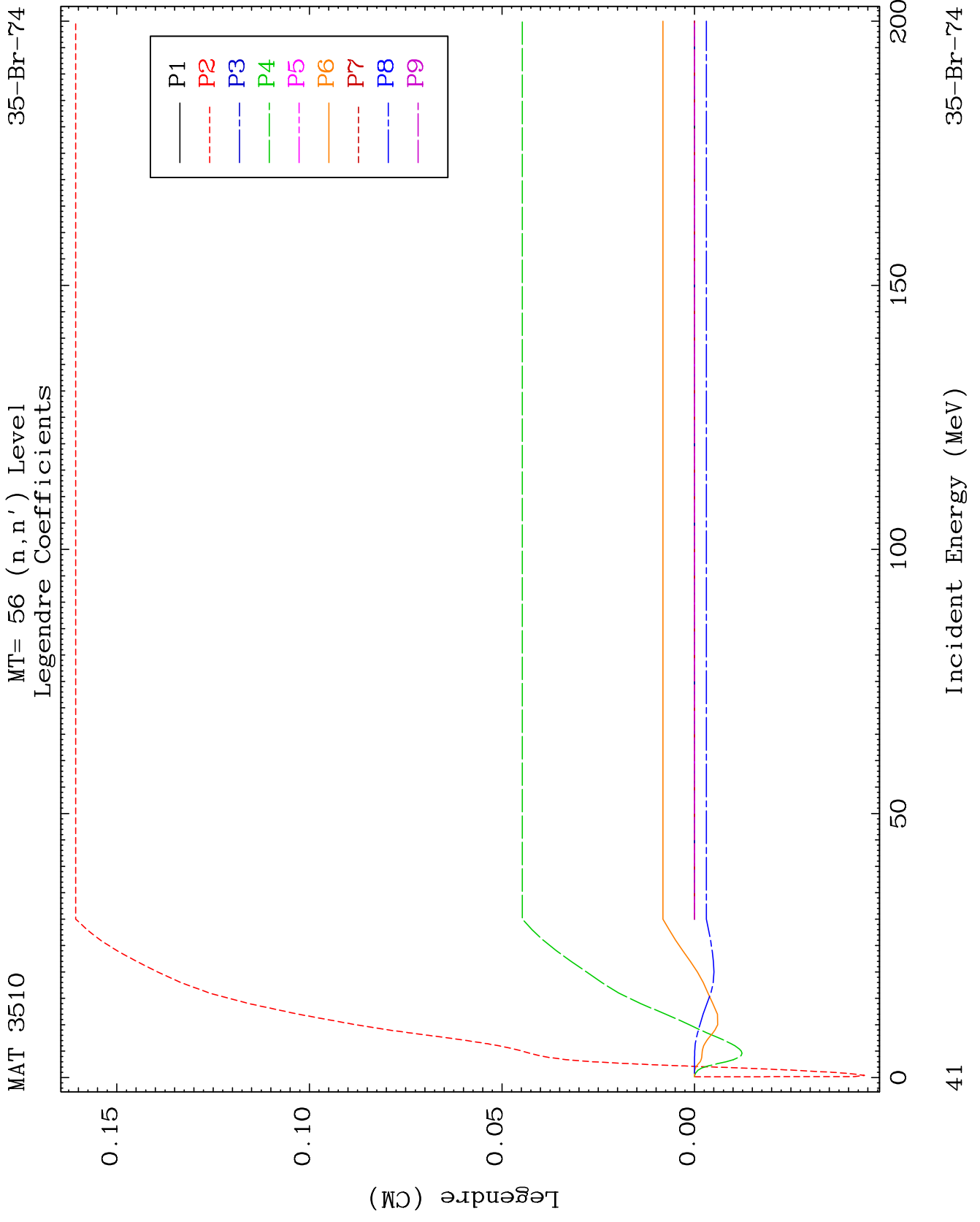
38

Incident Energy (MeV)

35-Br-74



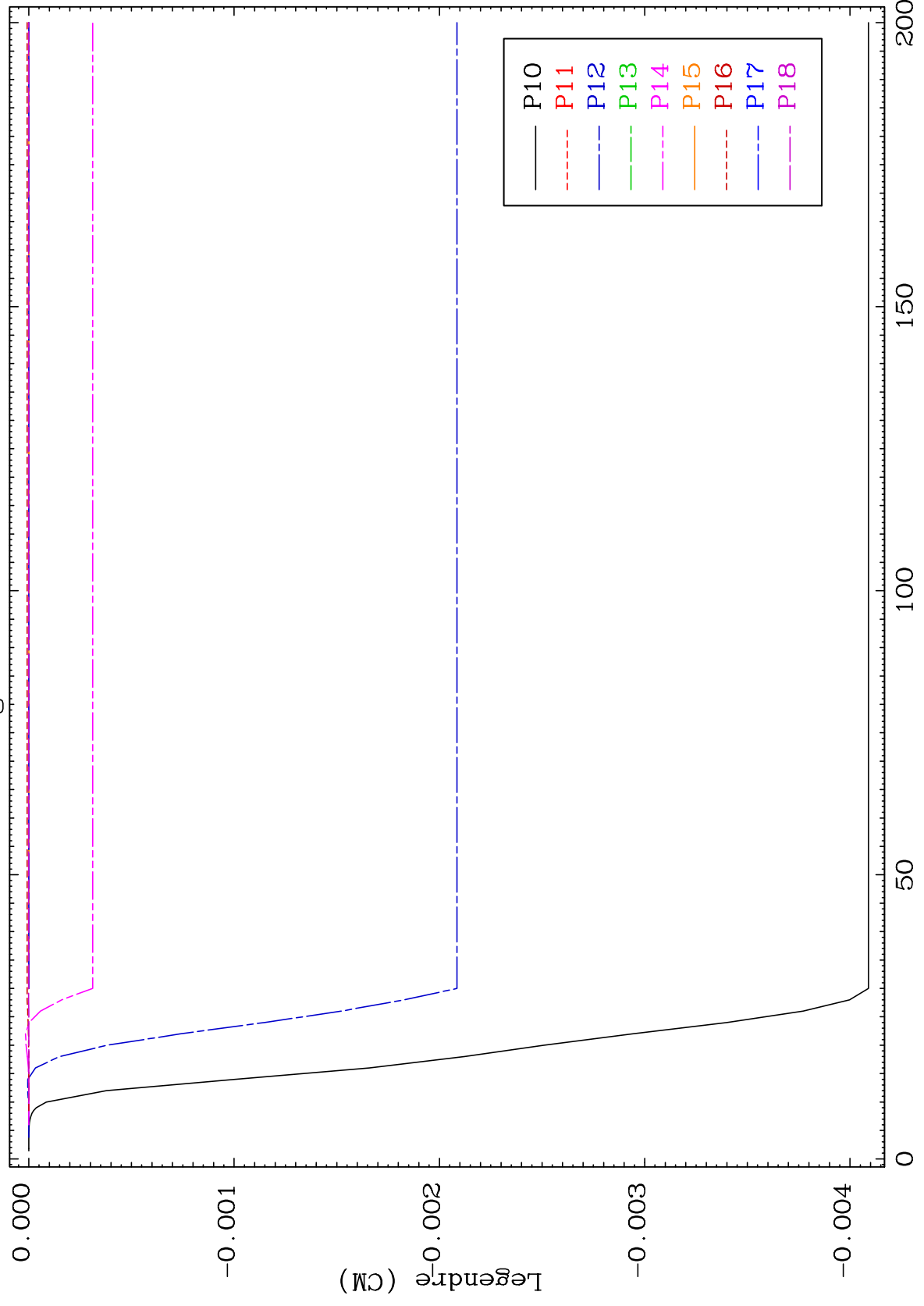




MAT 3510

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

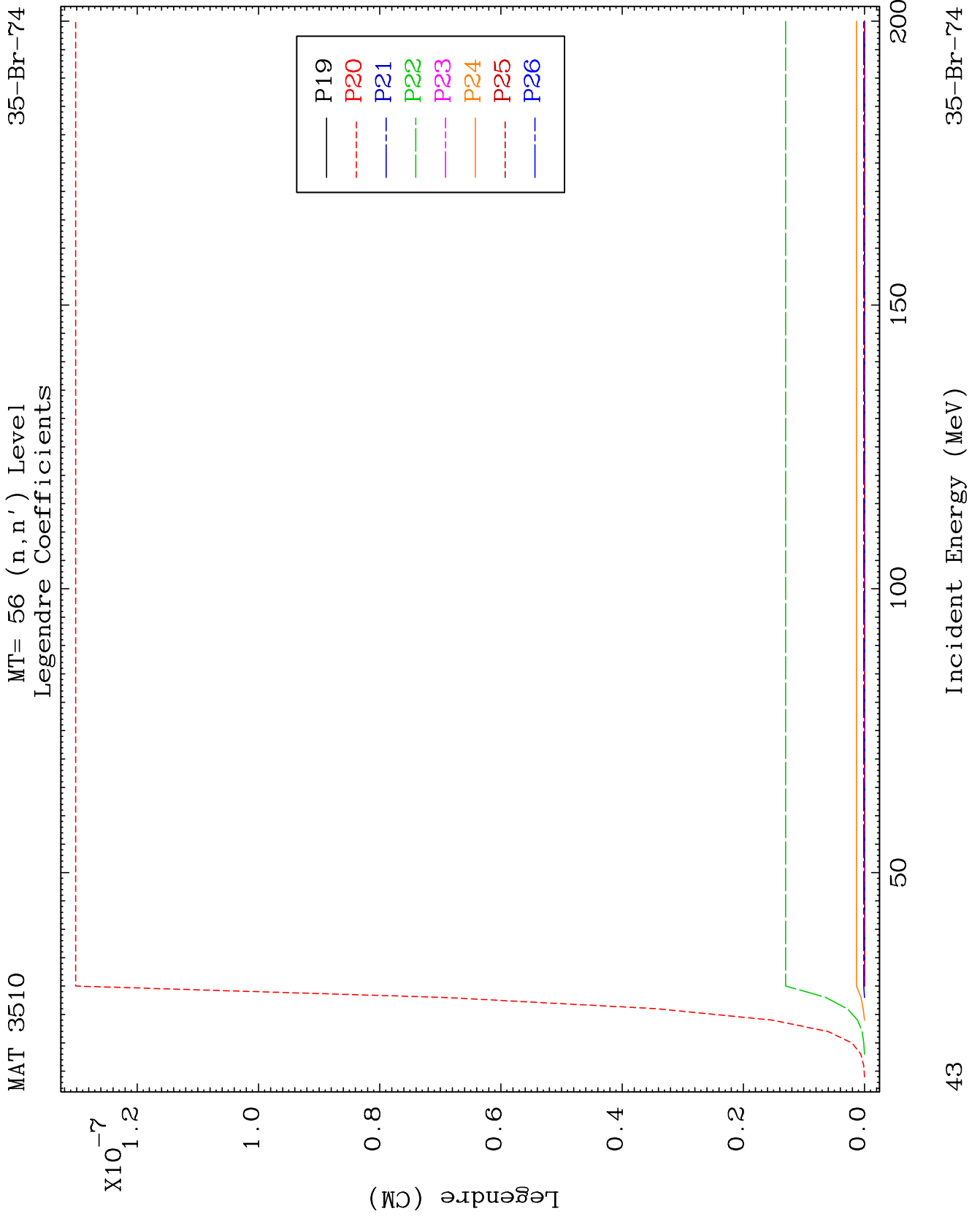
35-Br-74



35-Br-74

Incident Energy (MeV)

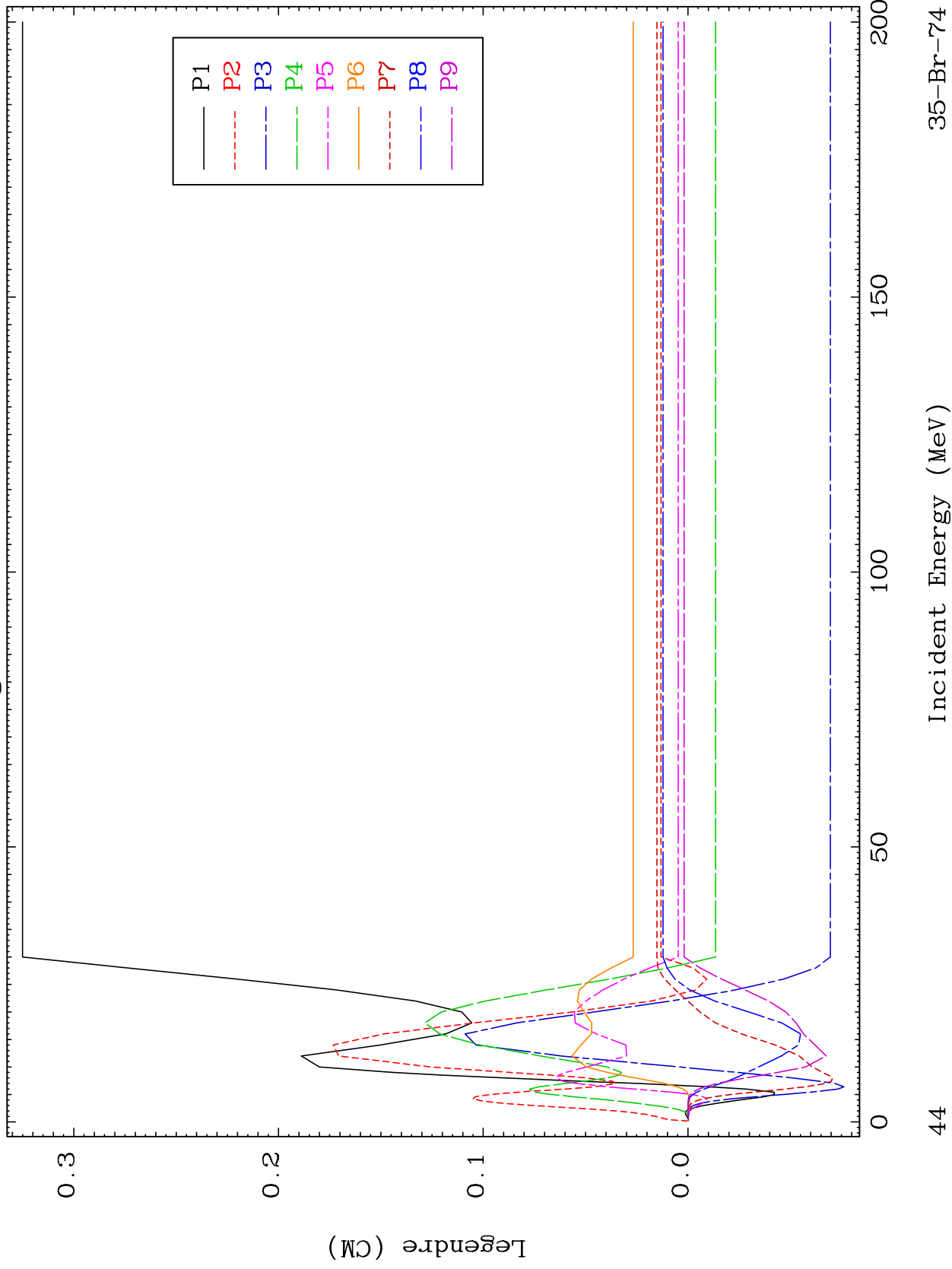
42



MAT 3510

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

35-Br-74

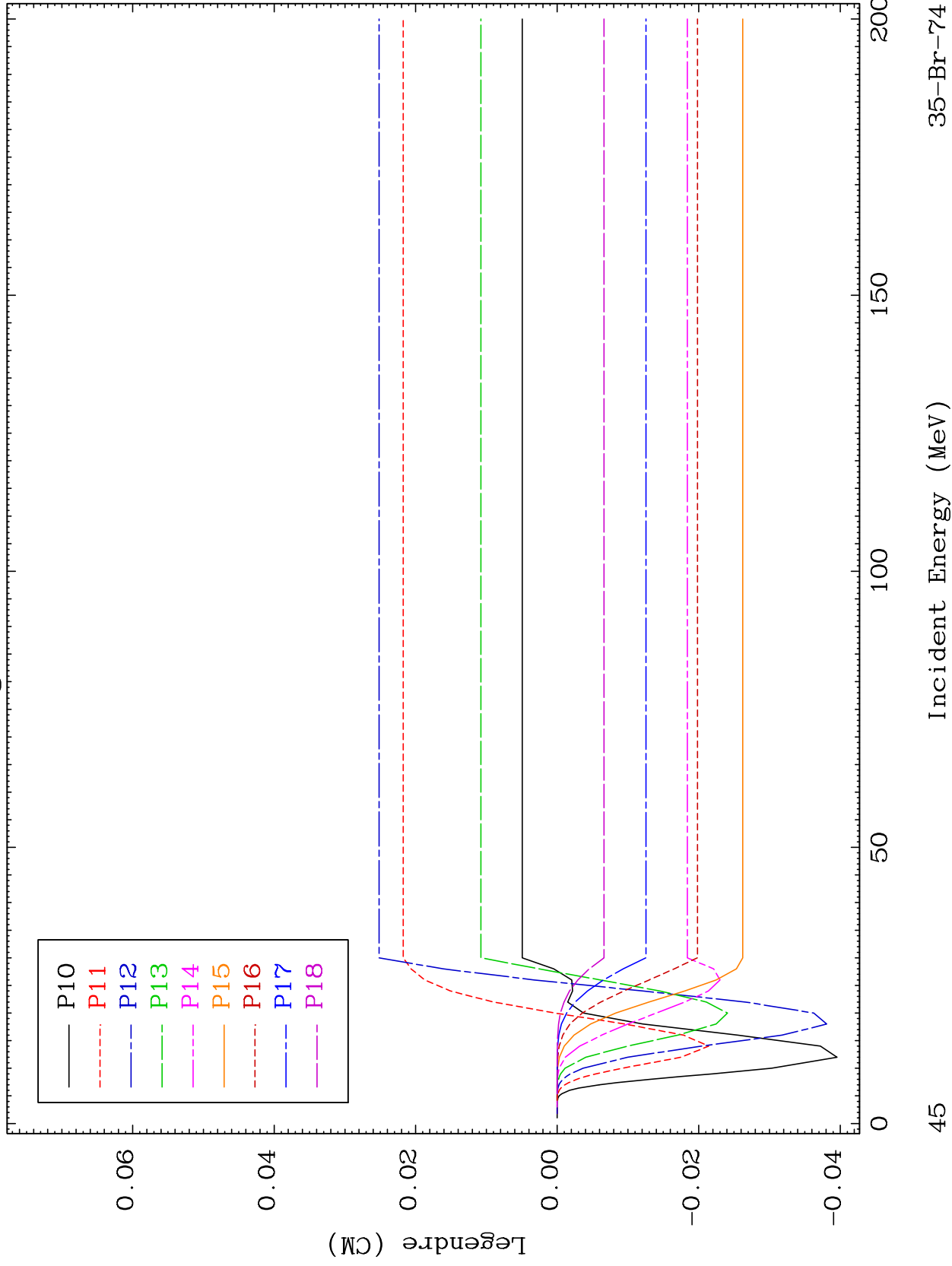


44

MAT 3510

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

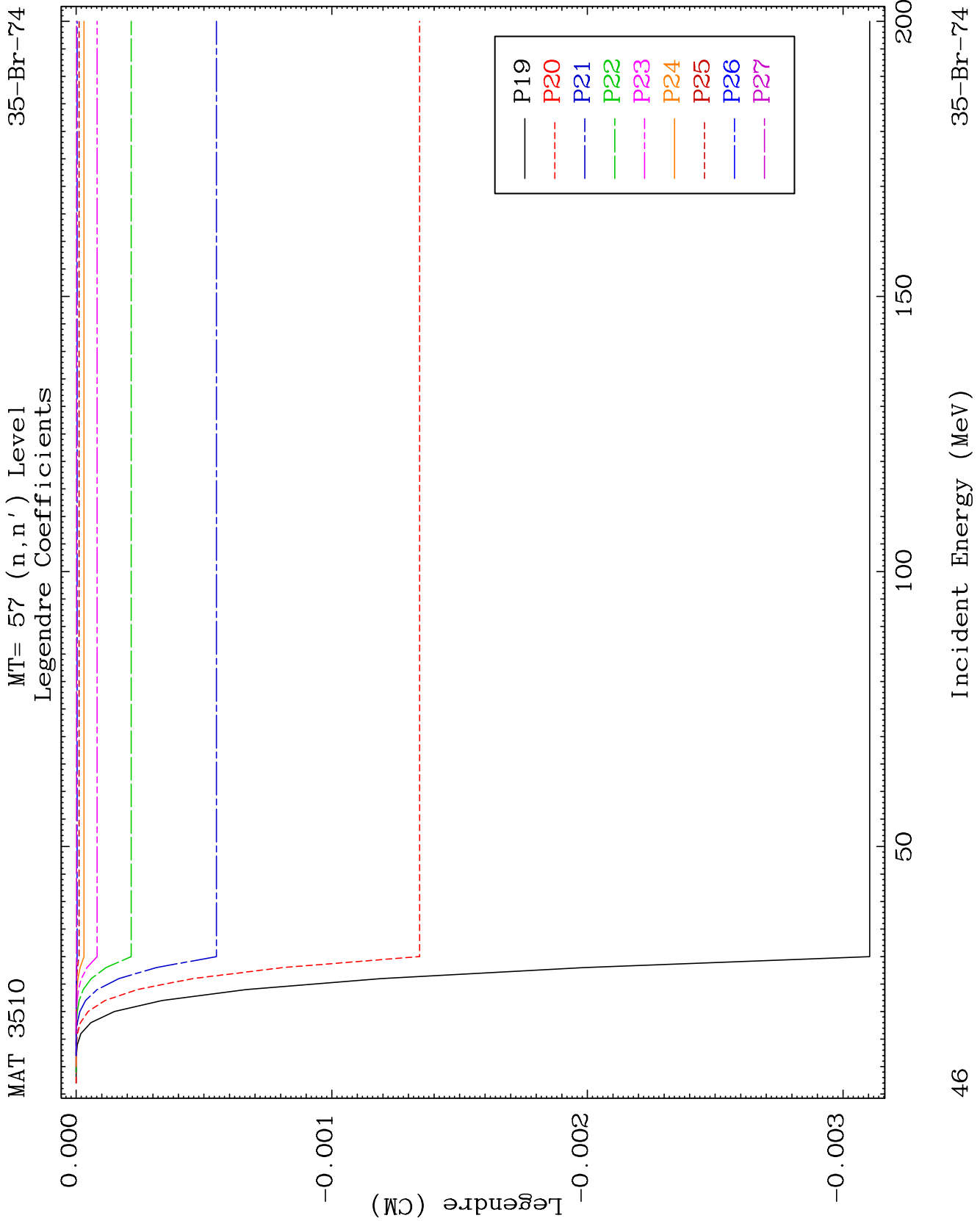
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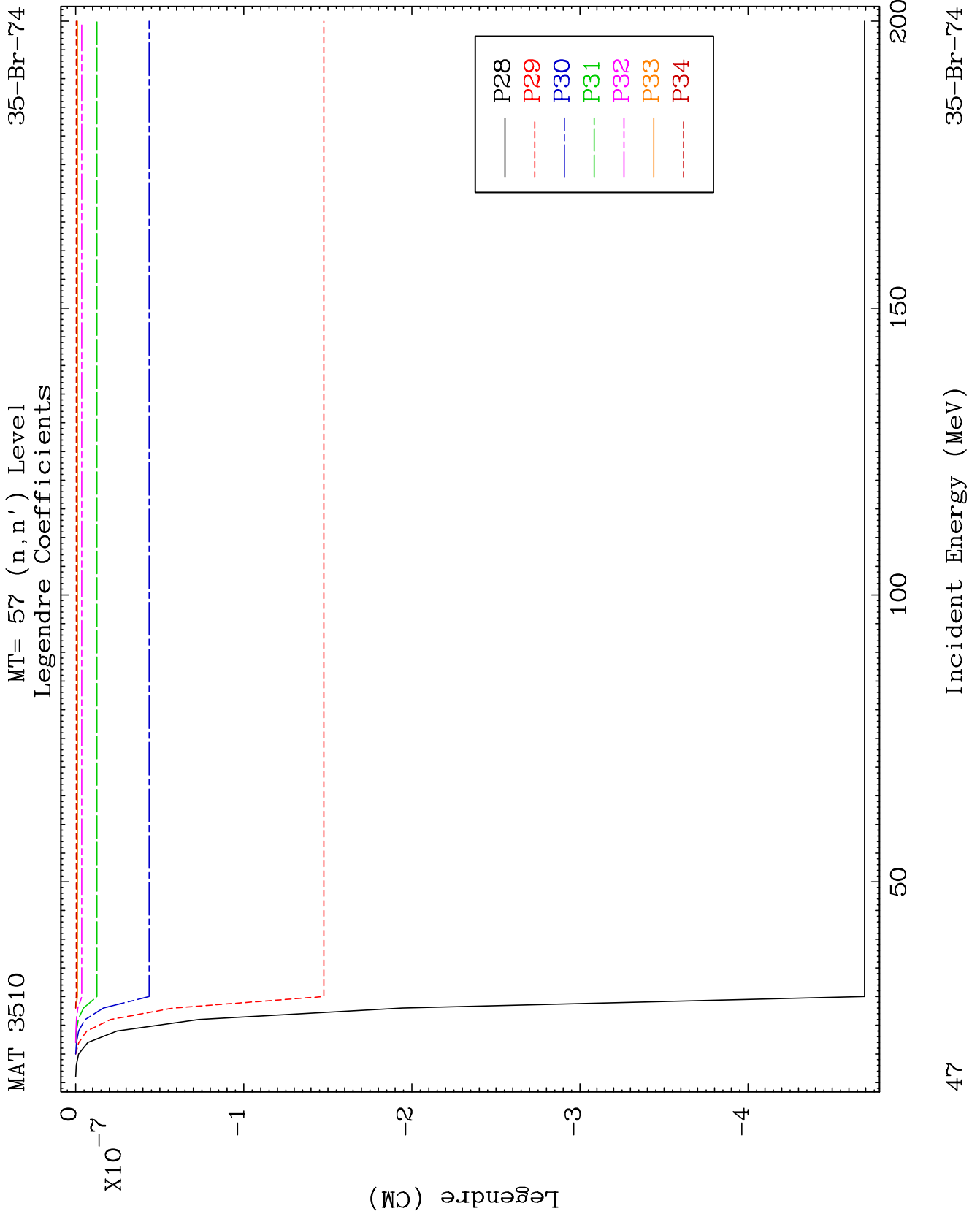


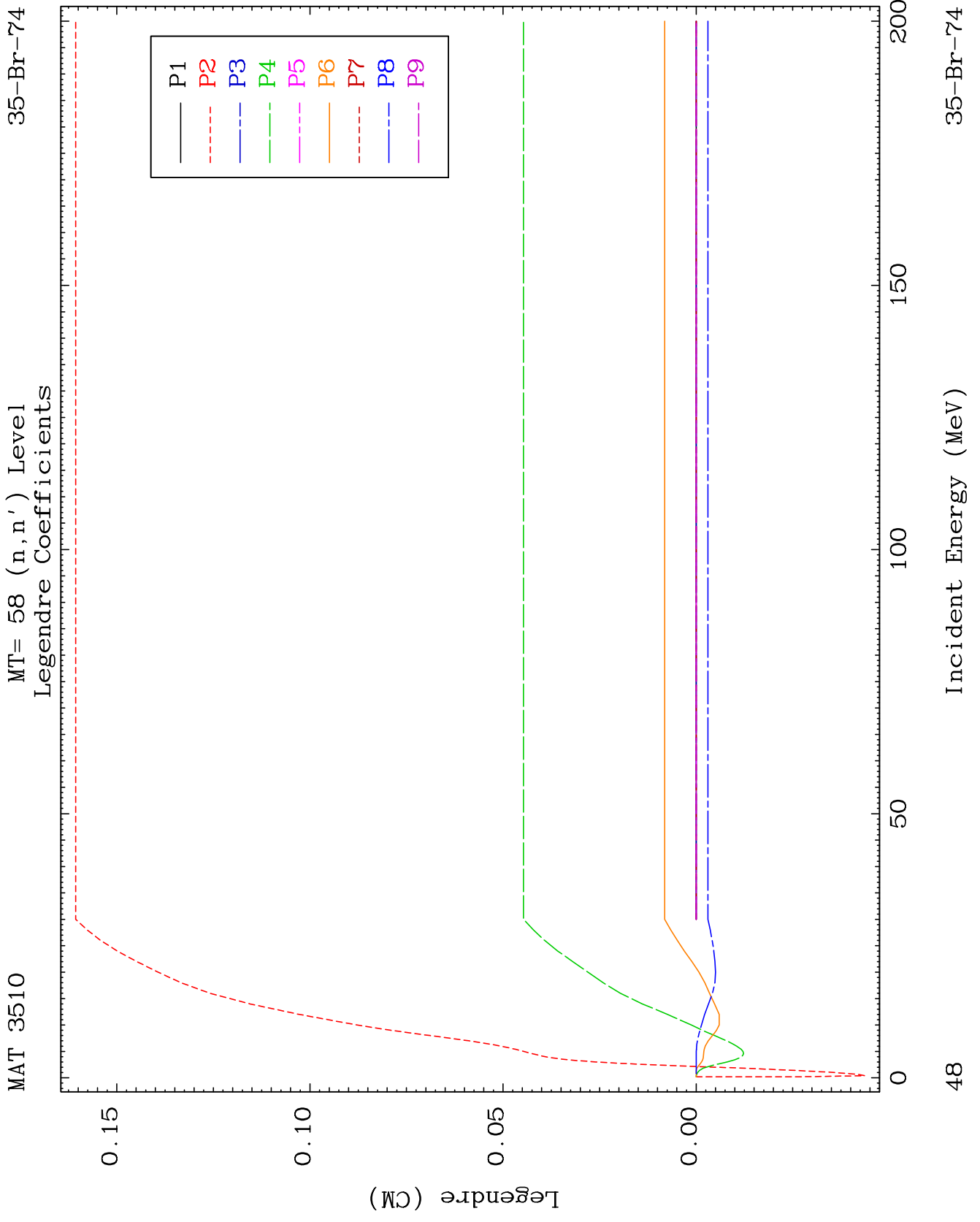
35-Br-74

Incident Energy (MeV)

45



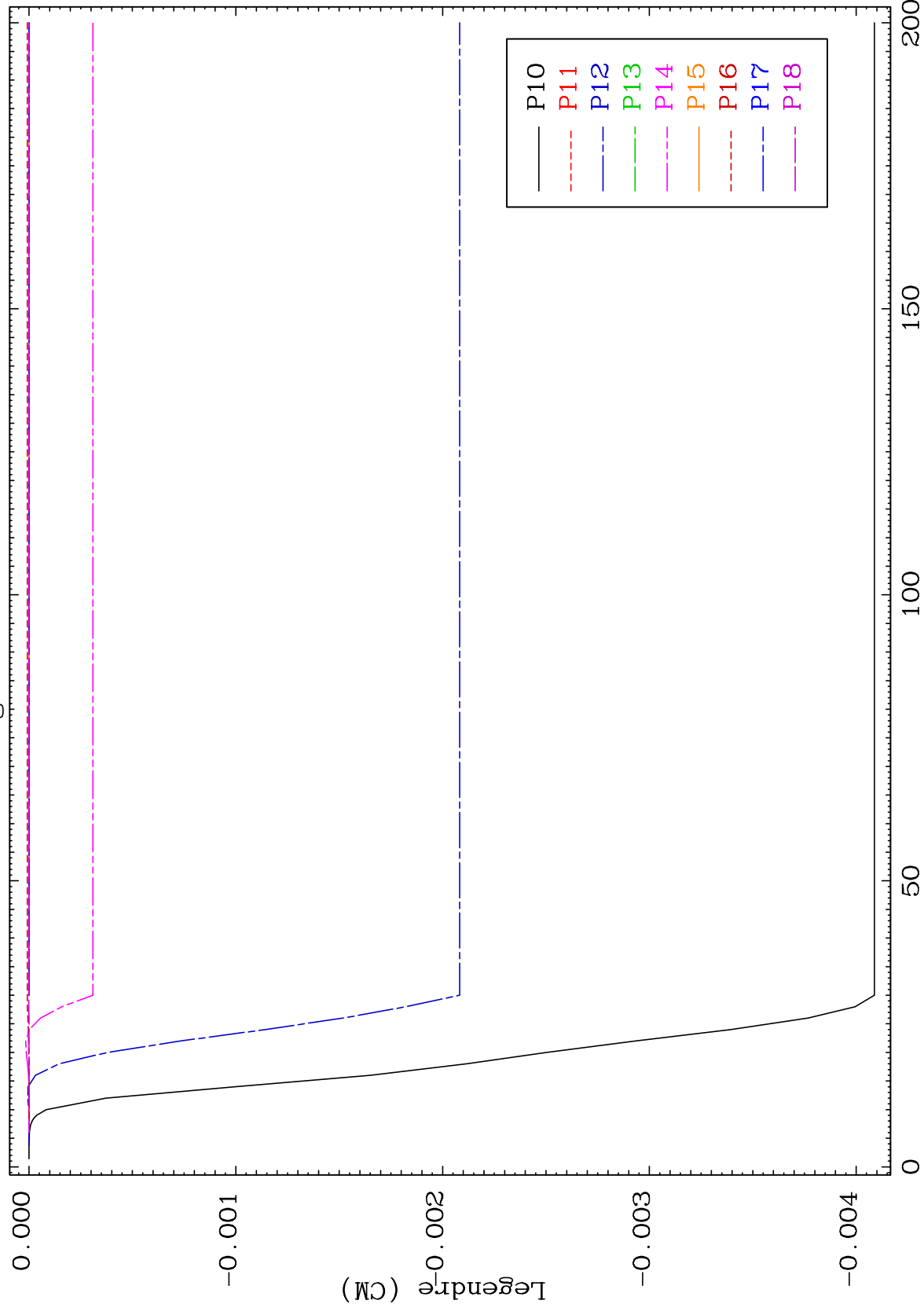




MAT 3510

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

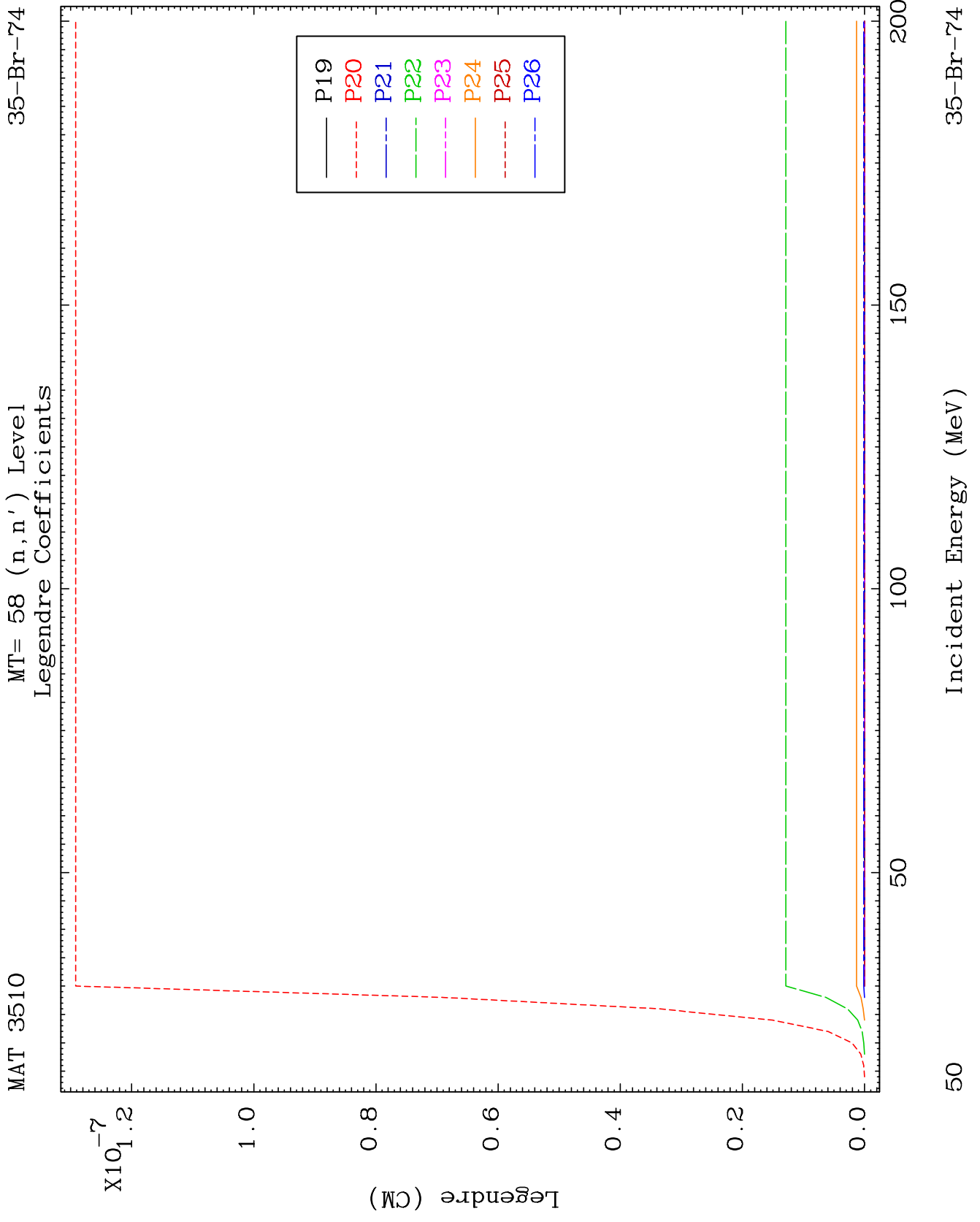
35-Br-74



49

Incident Energy (MeV)

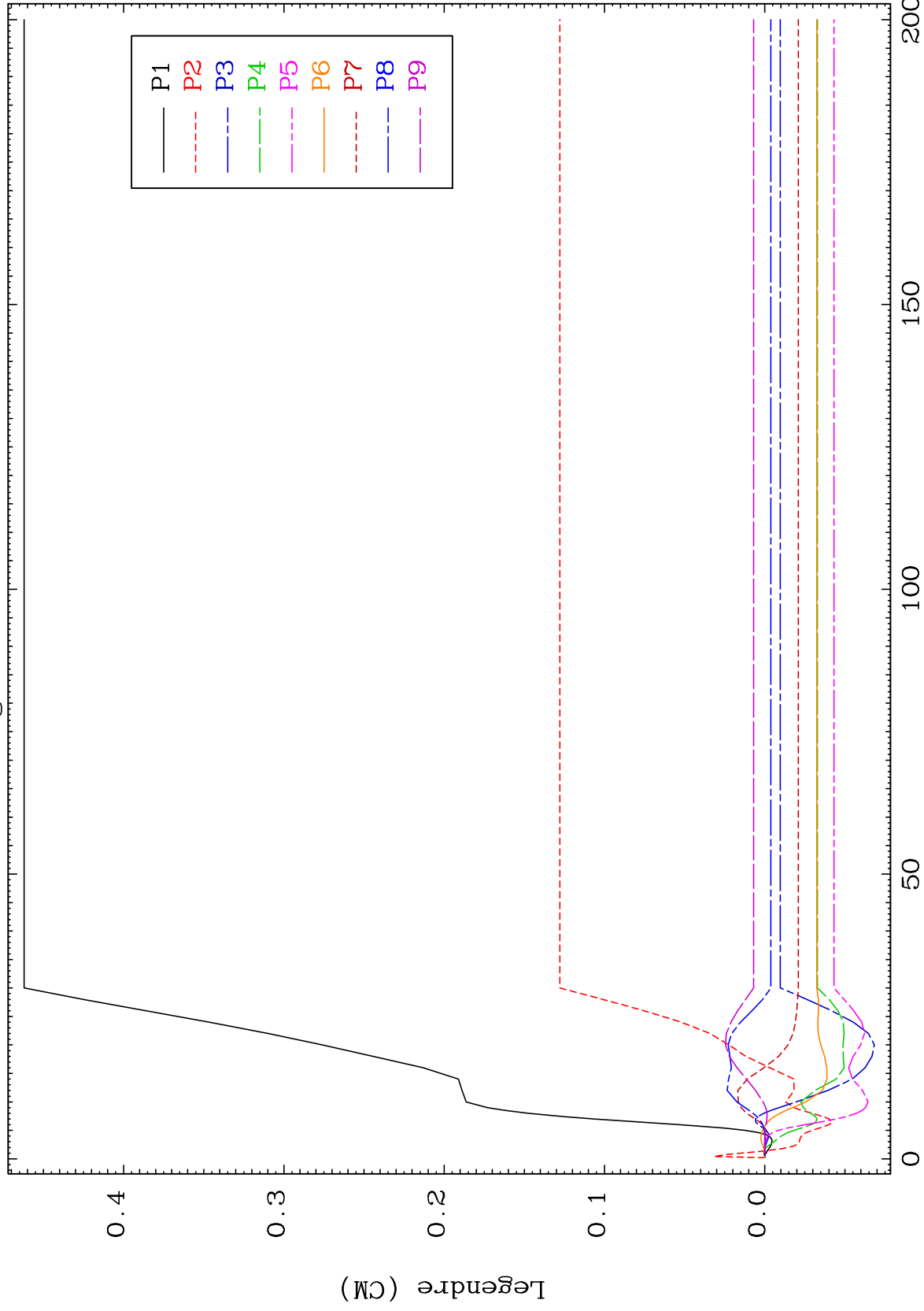
35-Br-74



MAT 3510

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

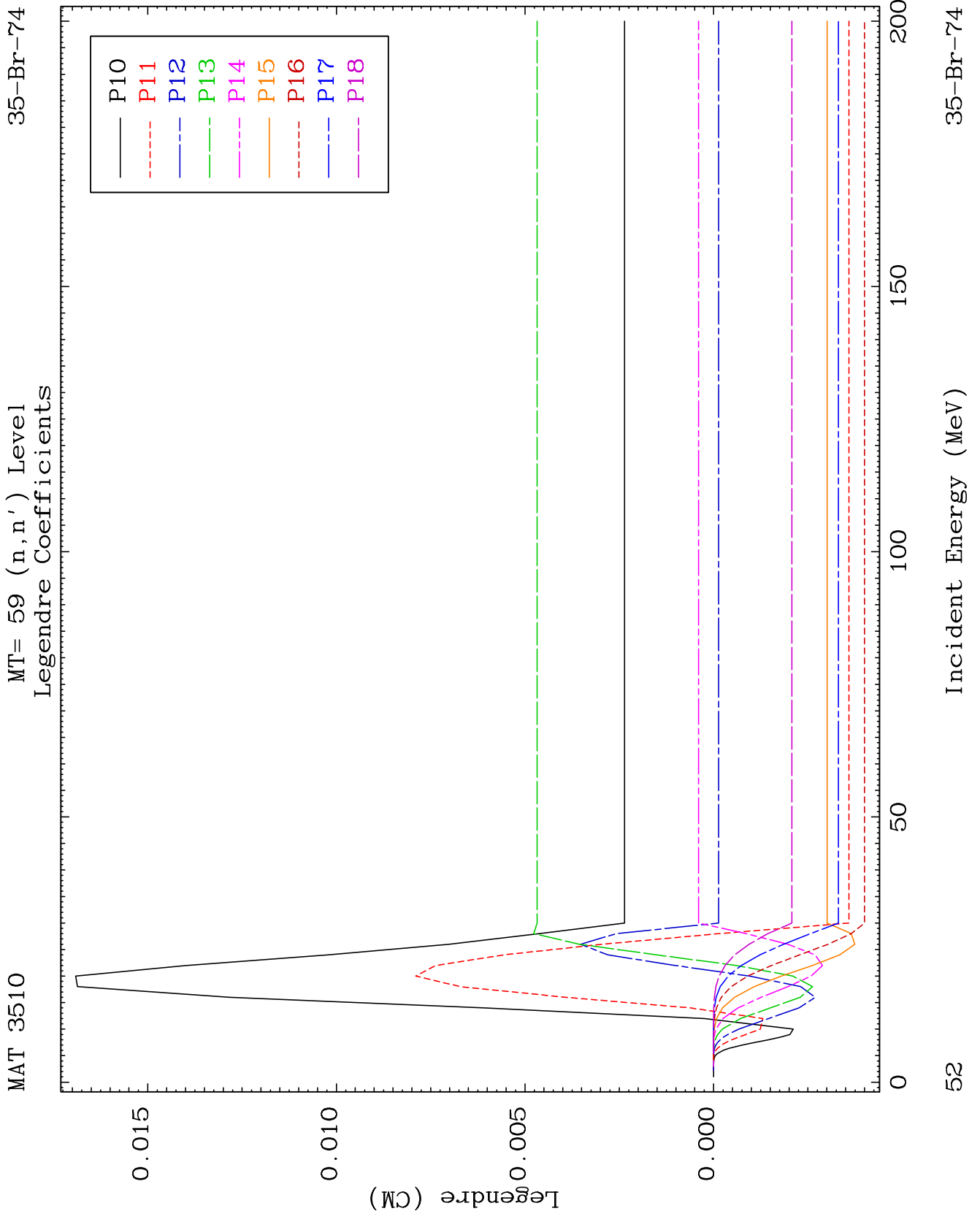
35-Br-74

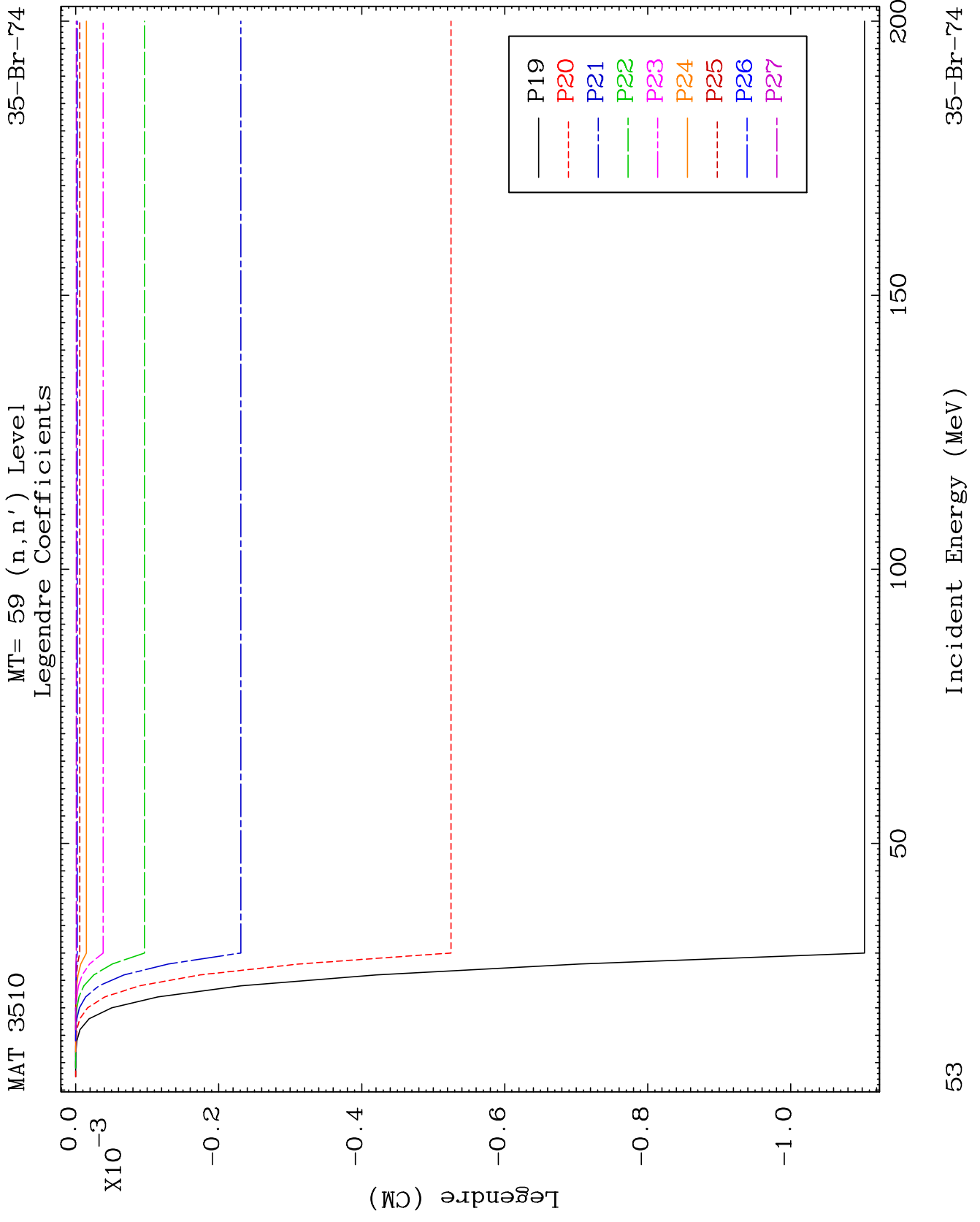


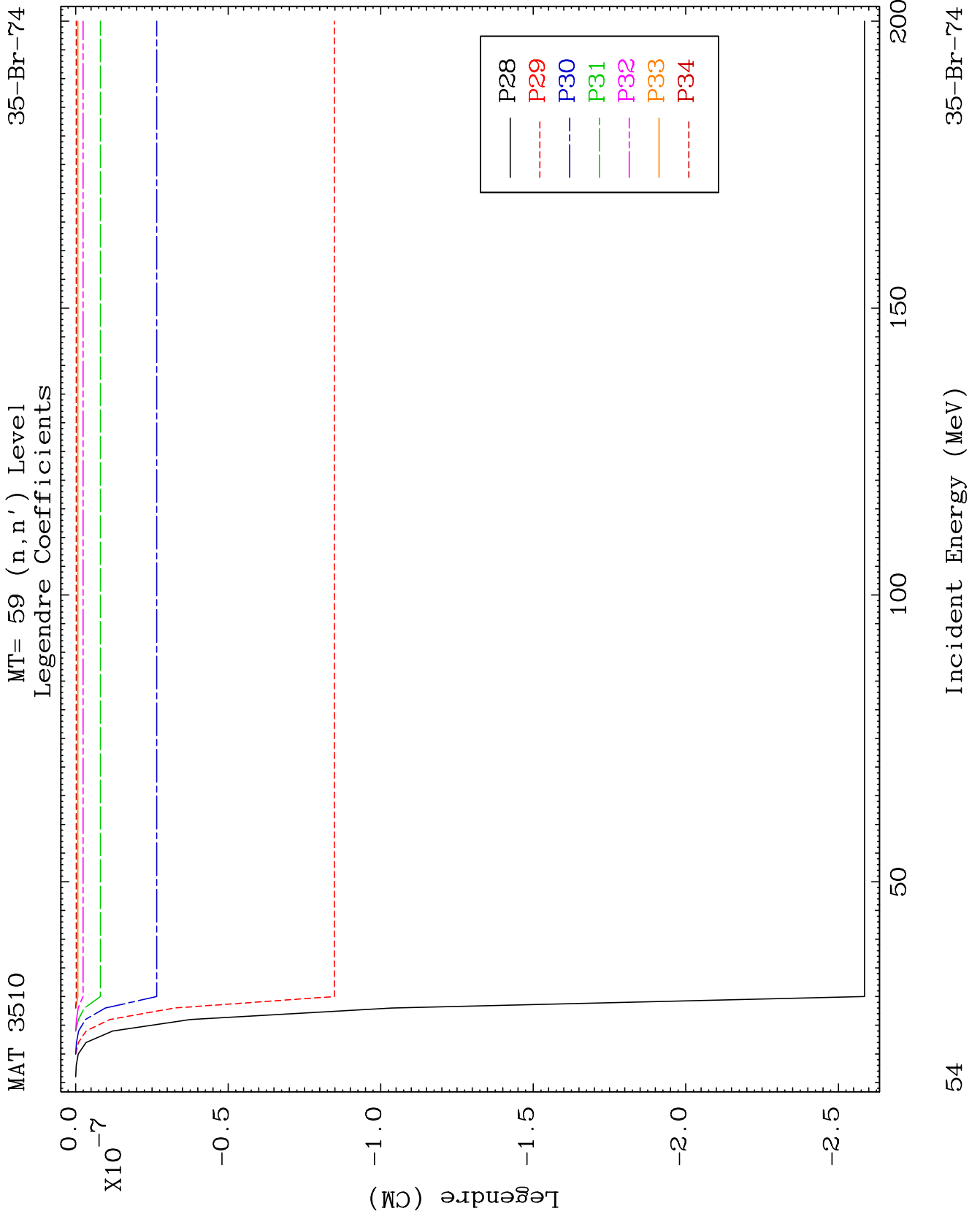
51

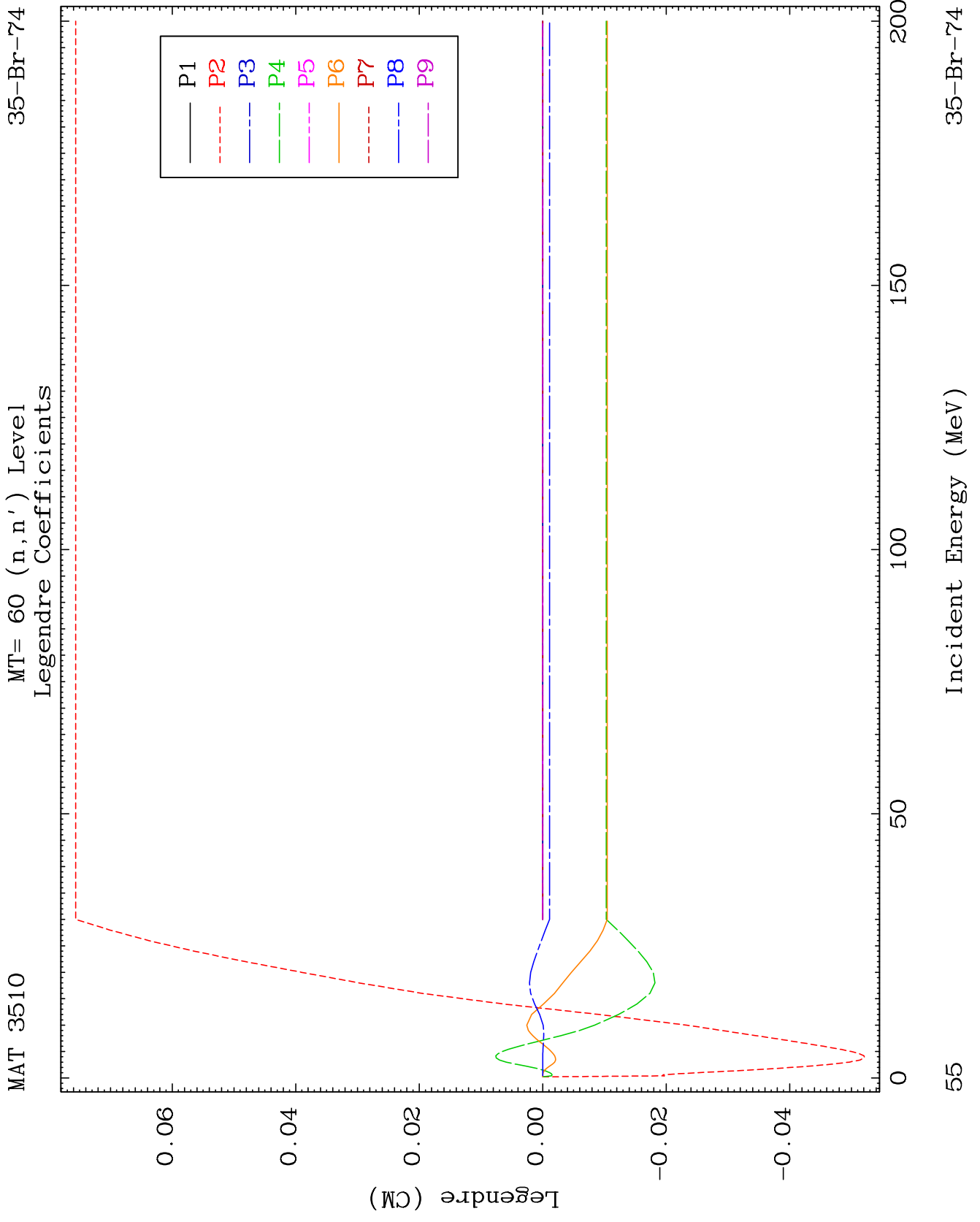
Incident Energy (MeV)

35-Br-74





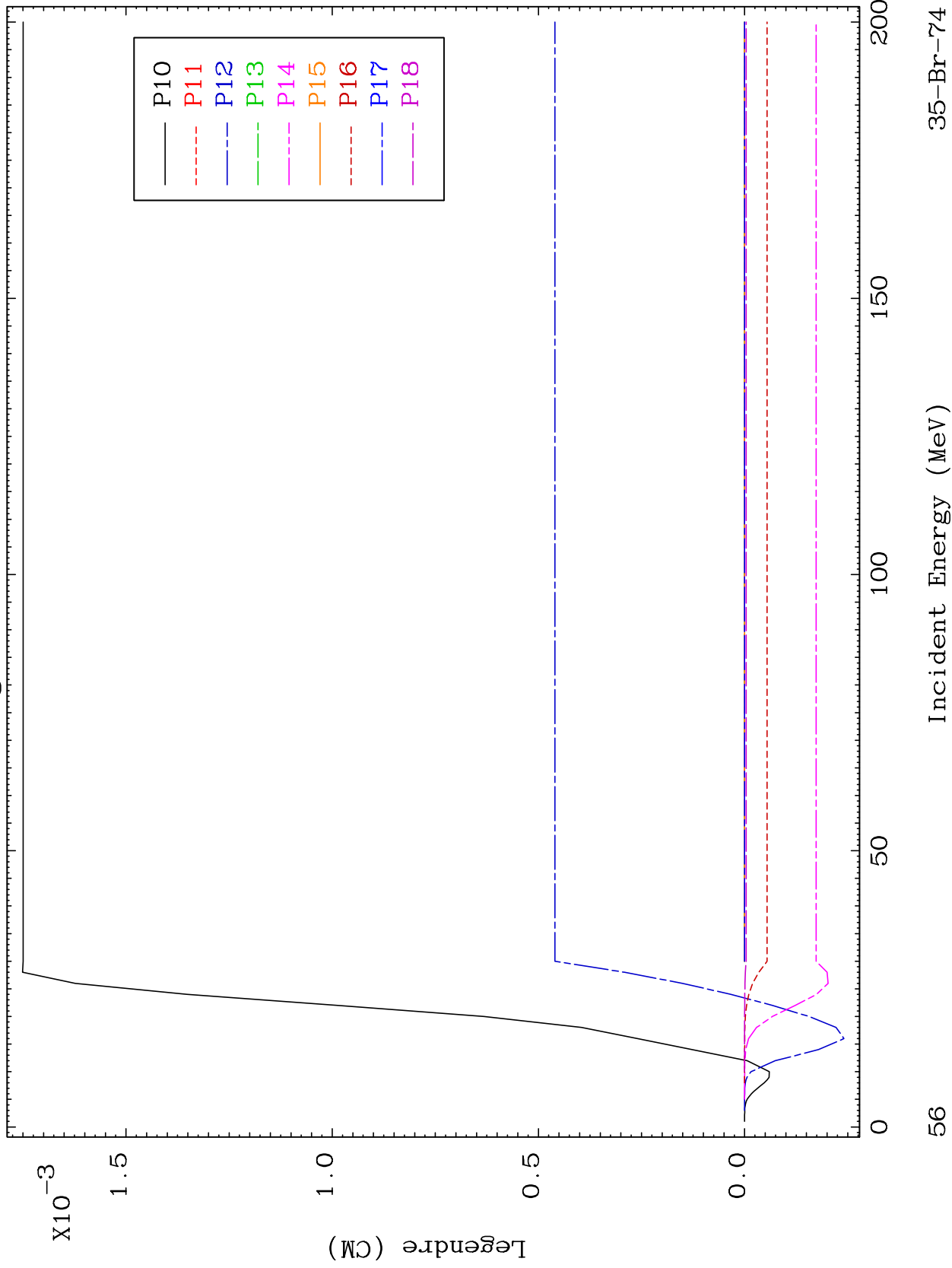




MAT 3510

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

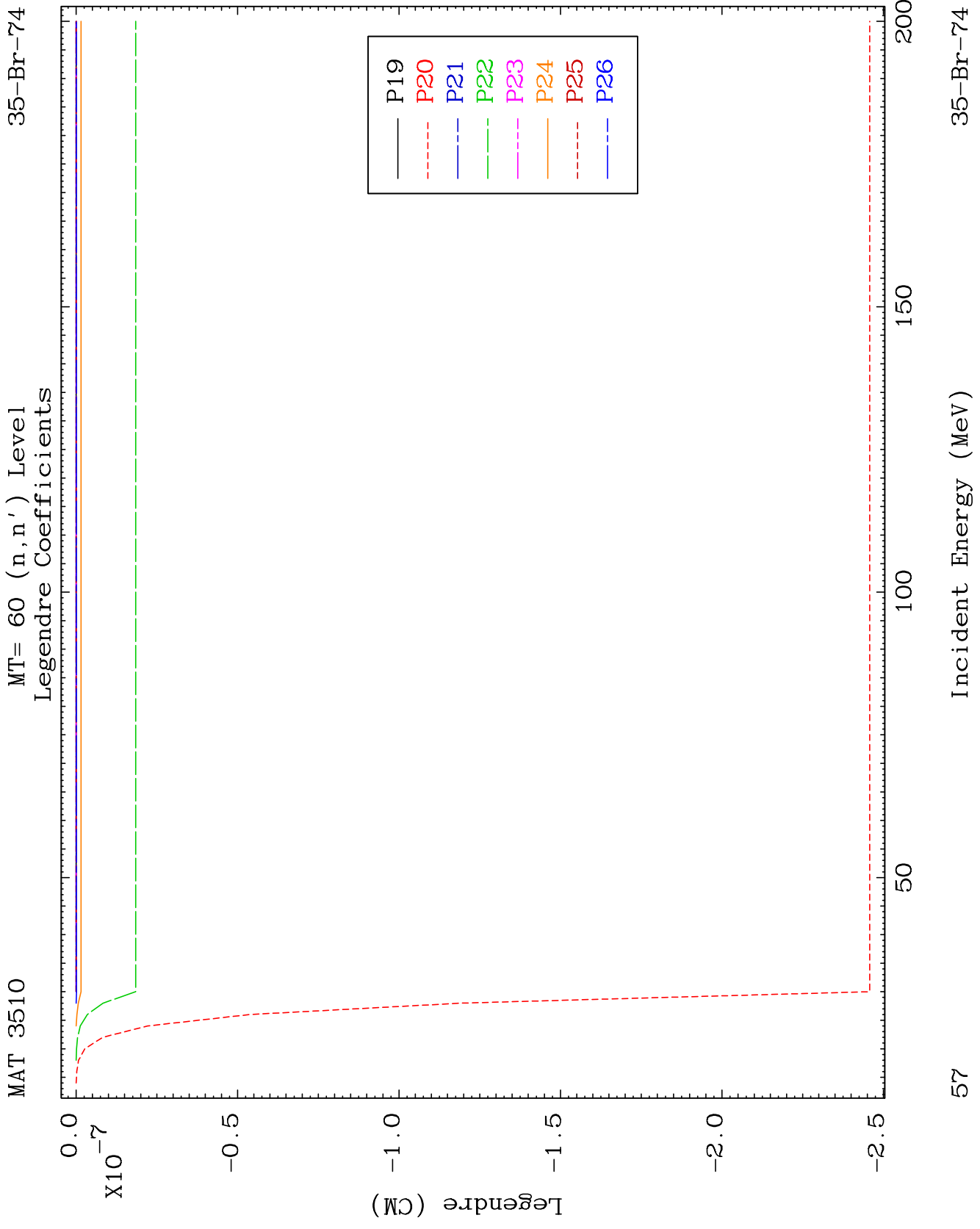
35-Br-74



56

Incident Energy (MeV)

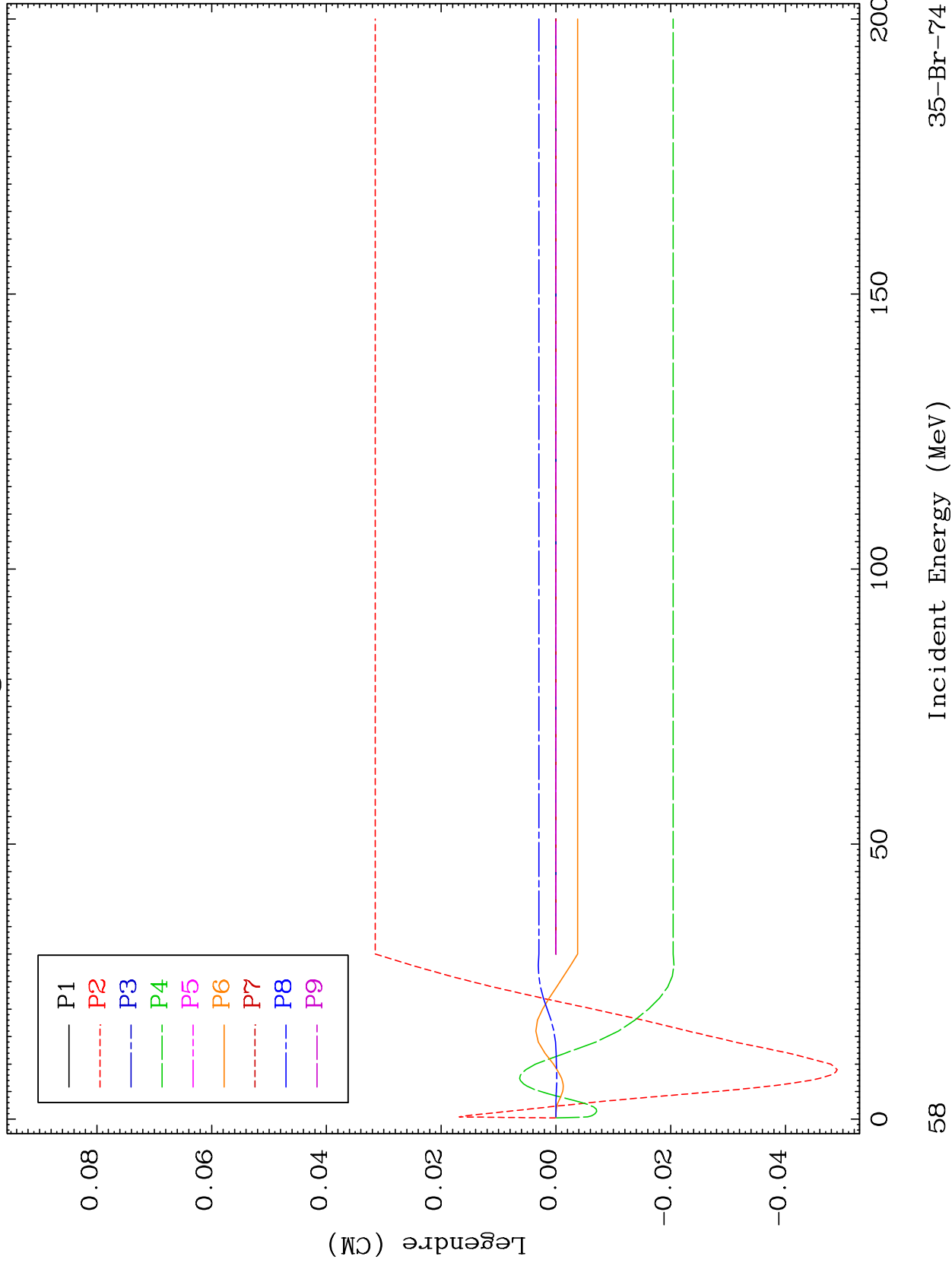
35-Br-74



MAT 3510

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

35-Br-74



58

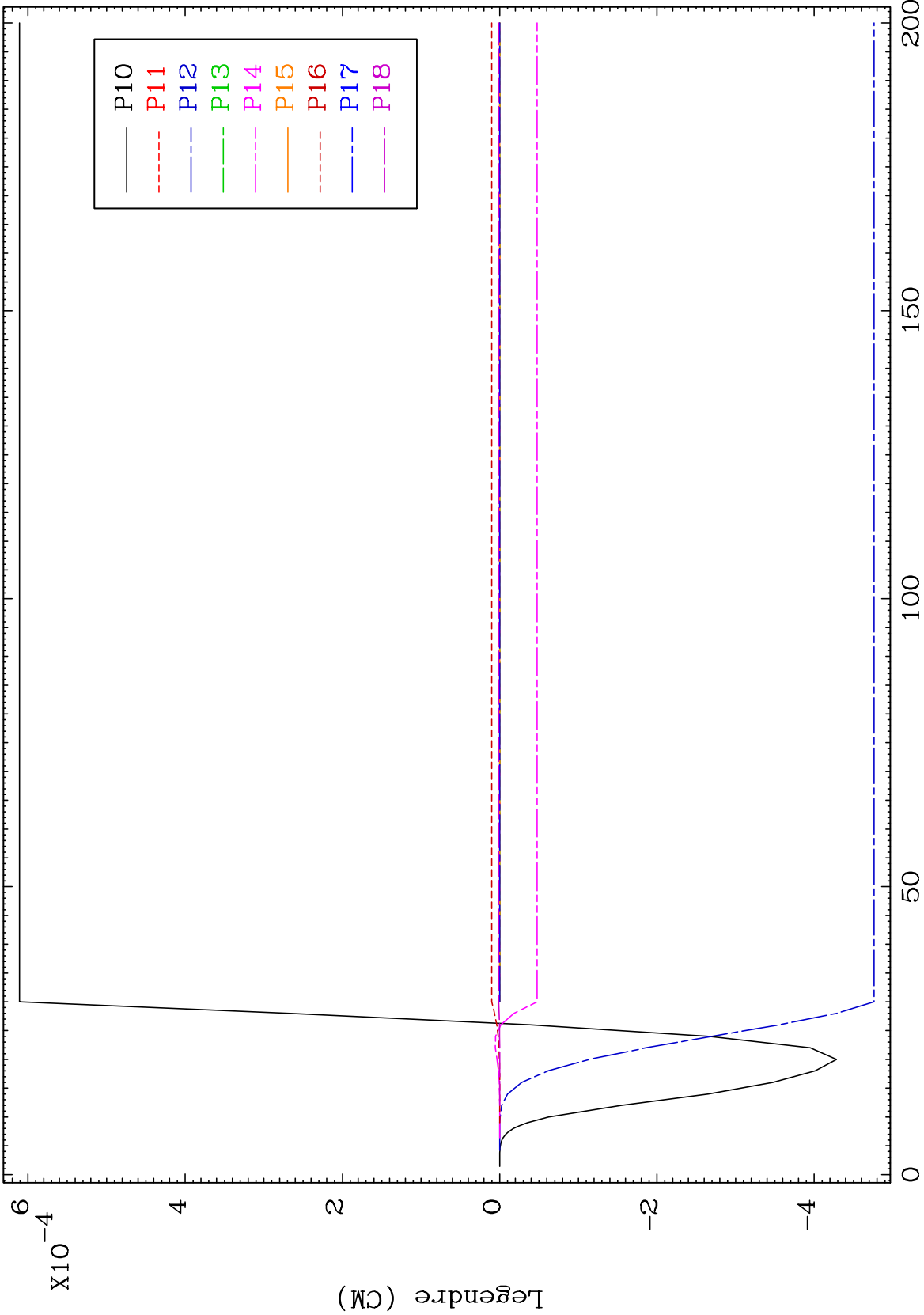
Incident Energy (MeV)

35-Br-74

MAT 3510

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

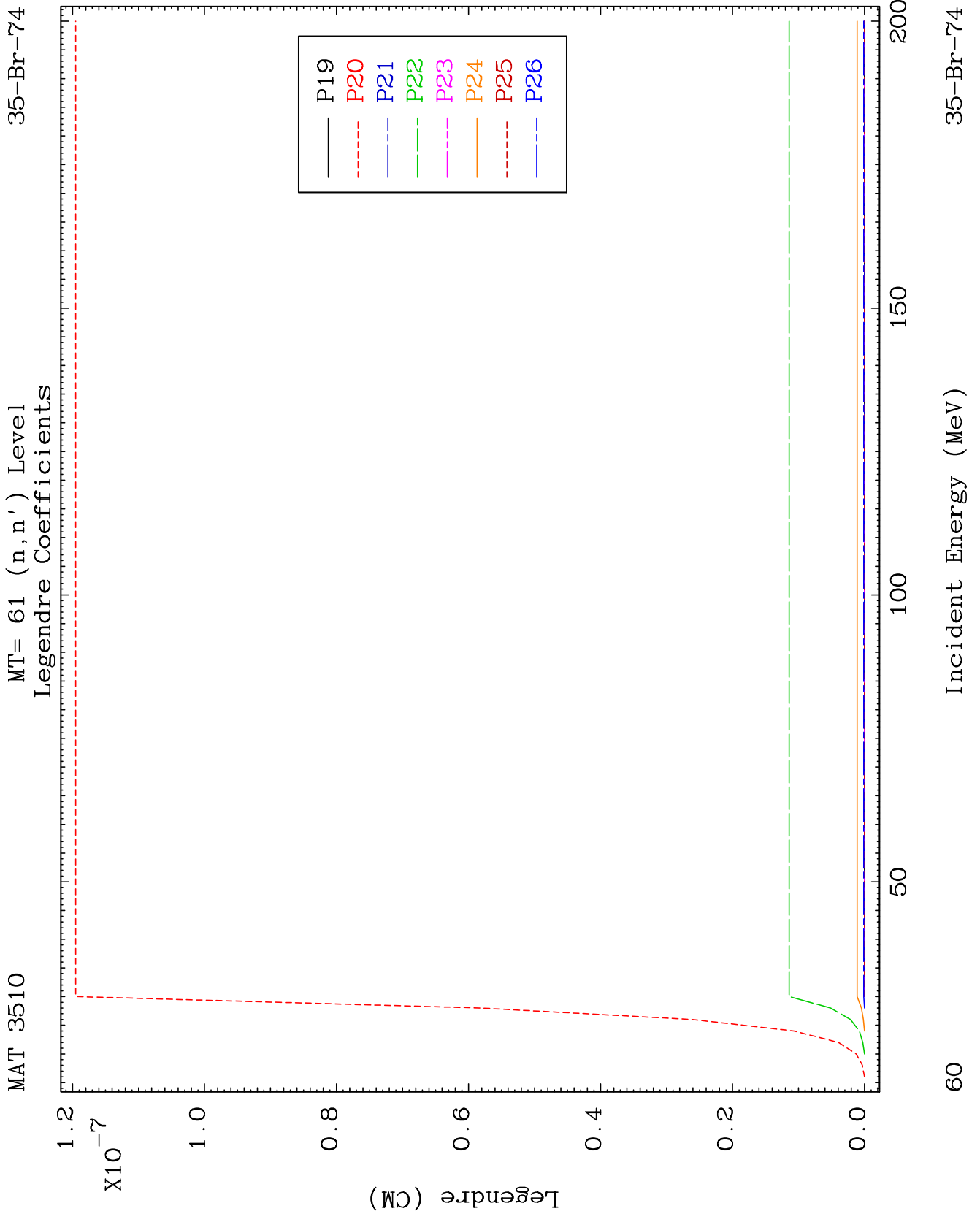
35-Br-74

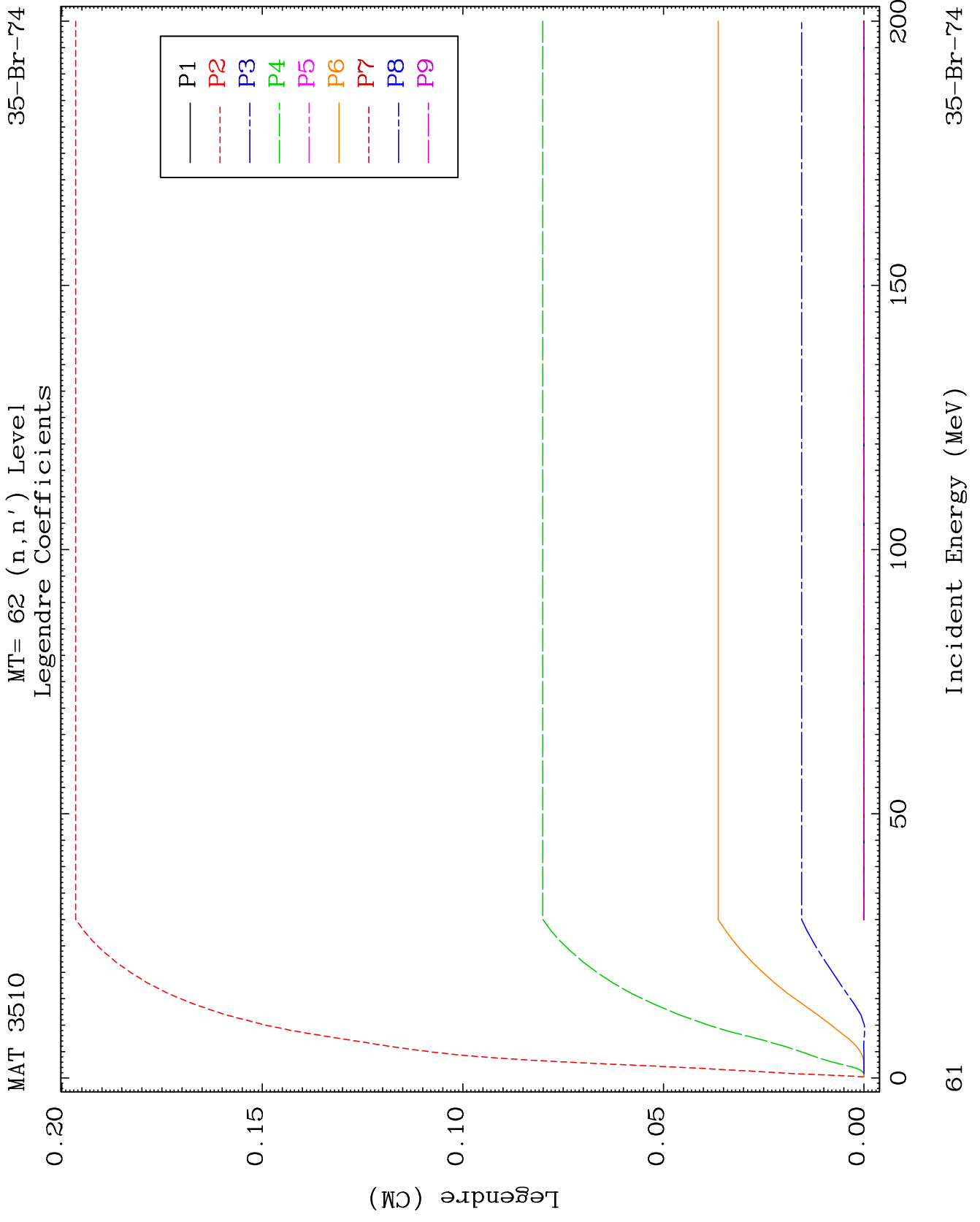


59

Incident Energy (MeV)

35-Br-74

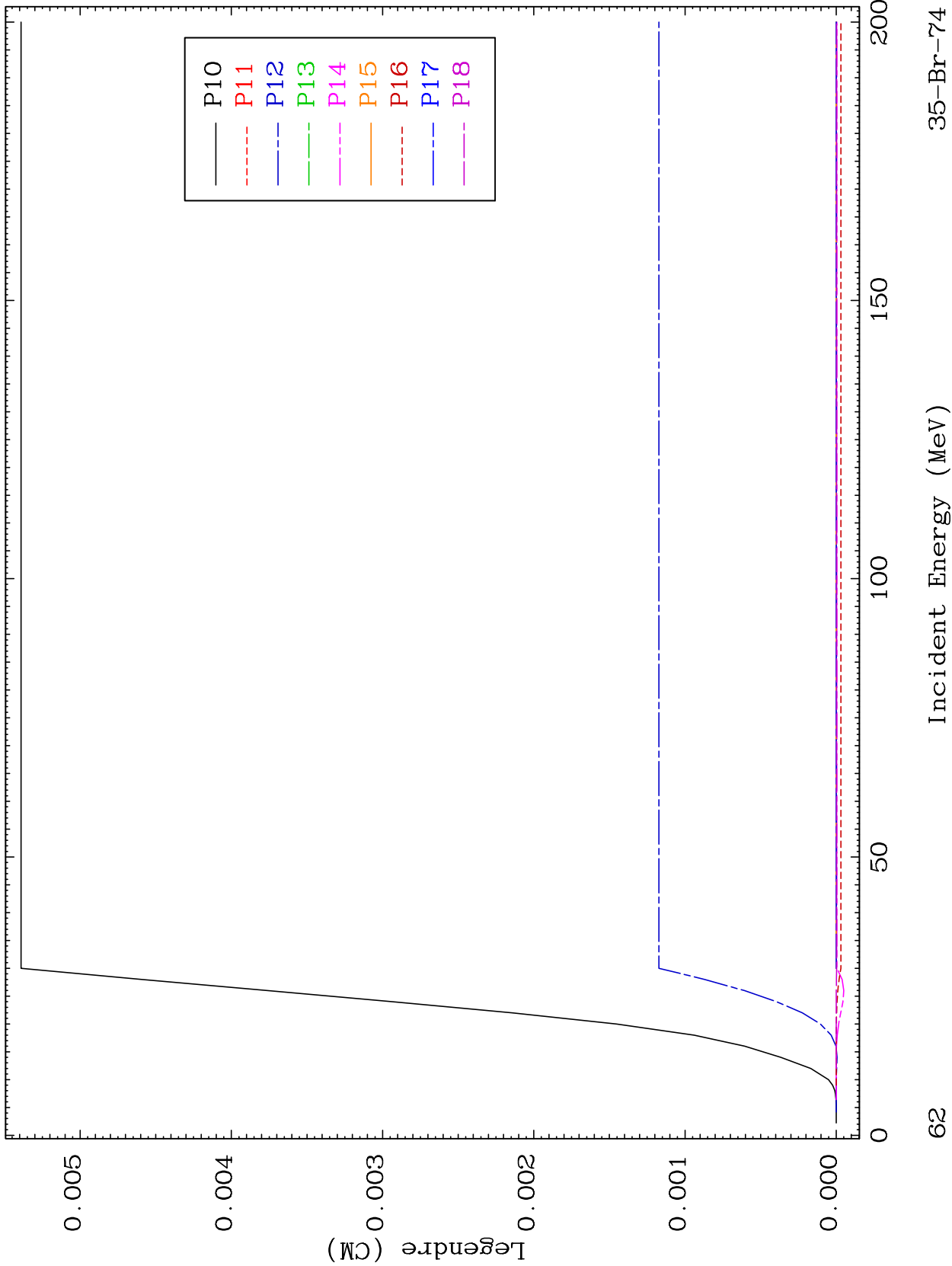




MAT 3510

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

35-Br-74



62

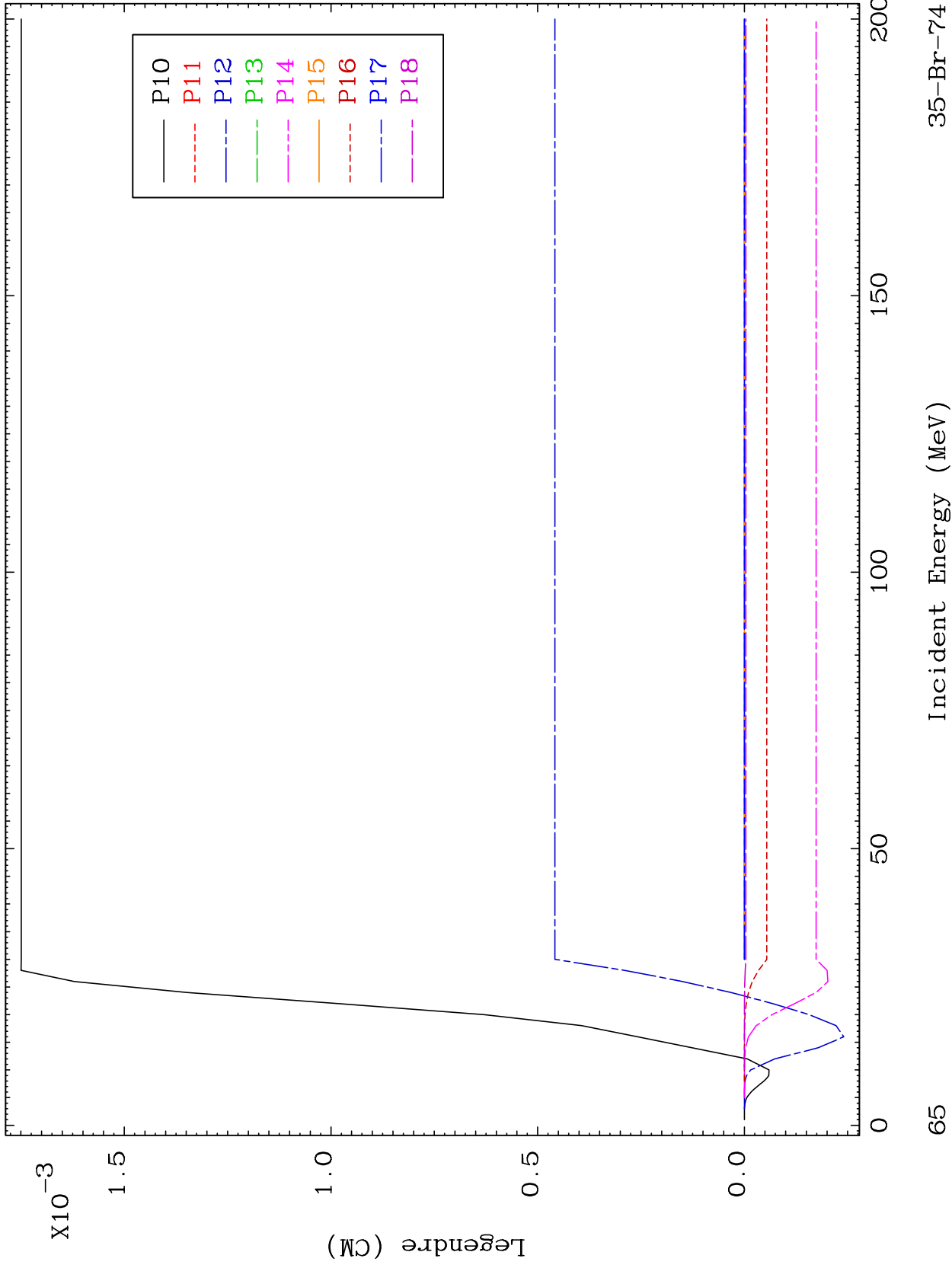
Incident Energy (MeV)

35-Br-74

MAT 3510

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

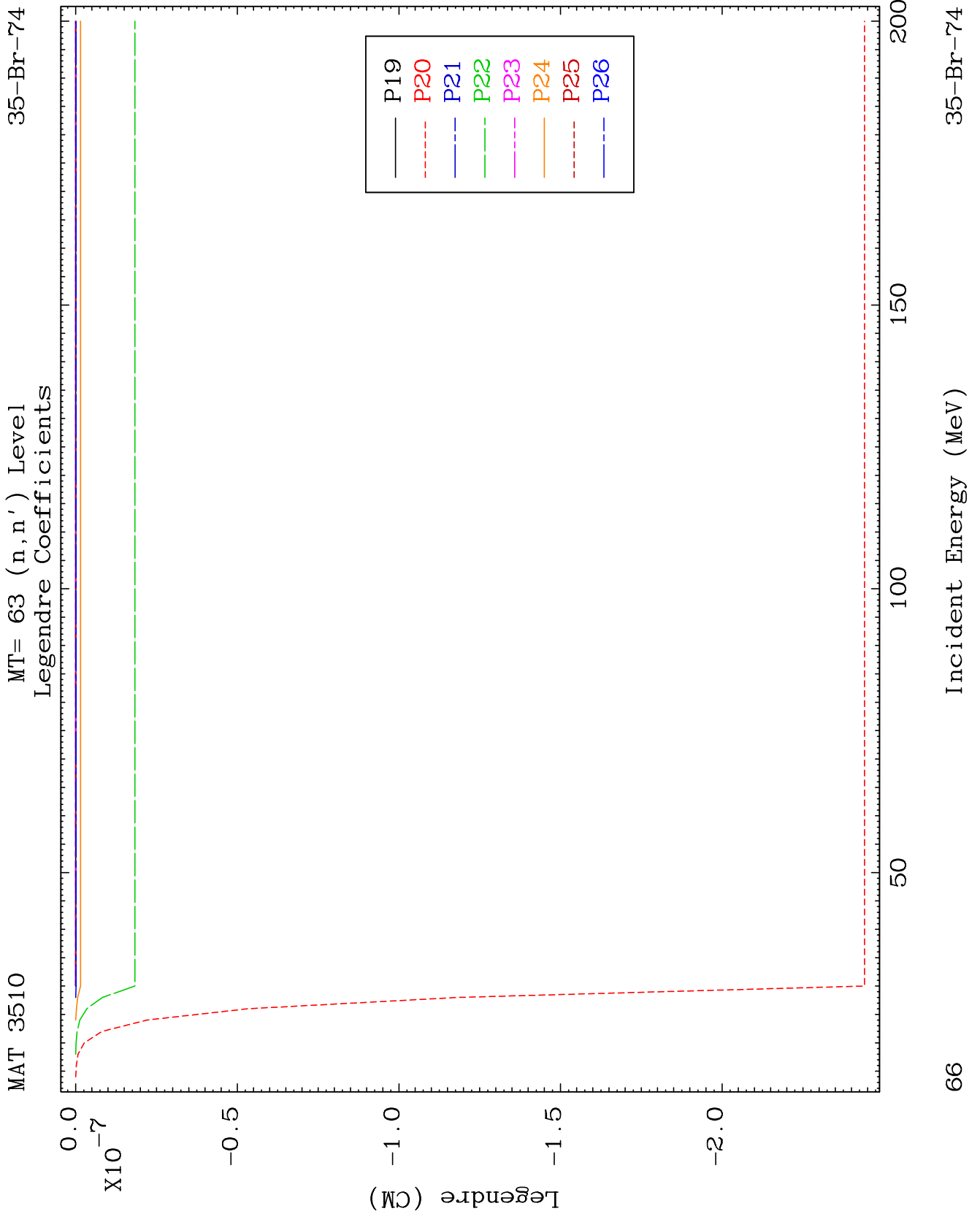
35-Br-74

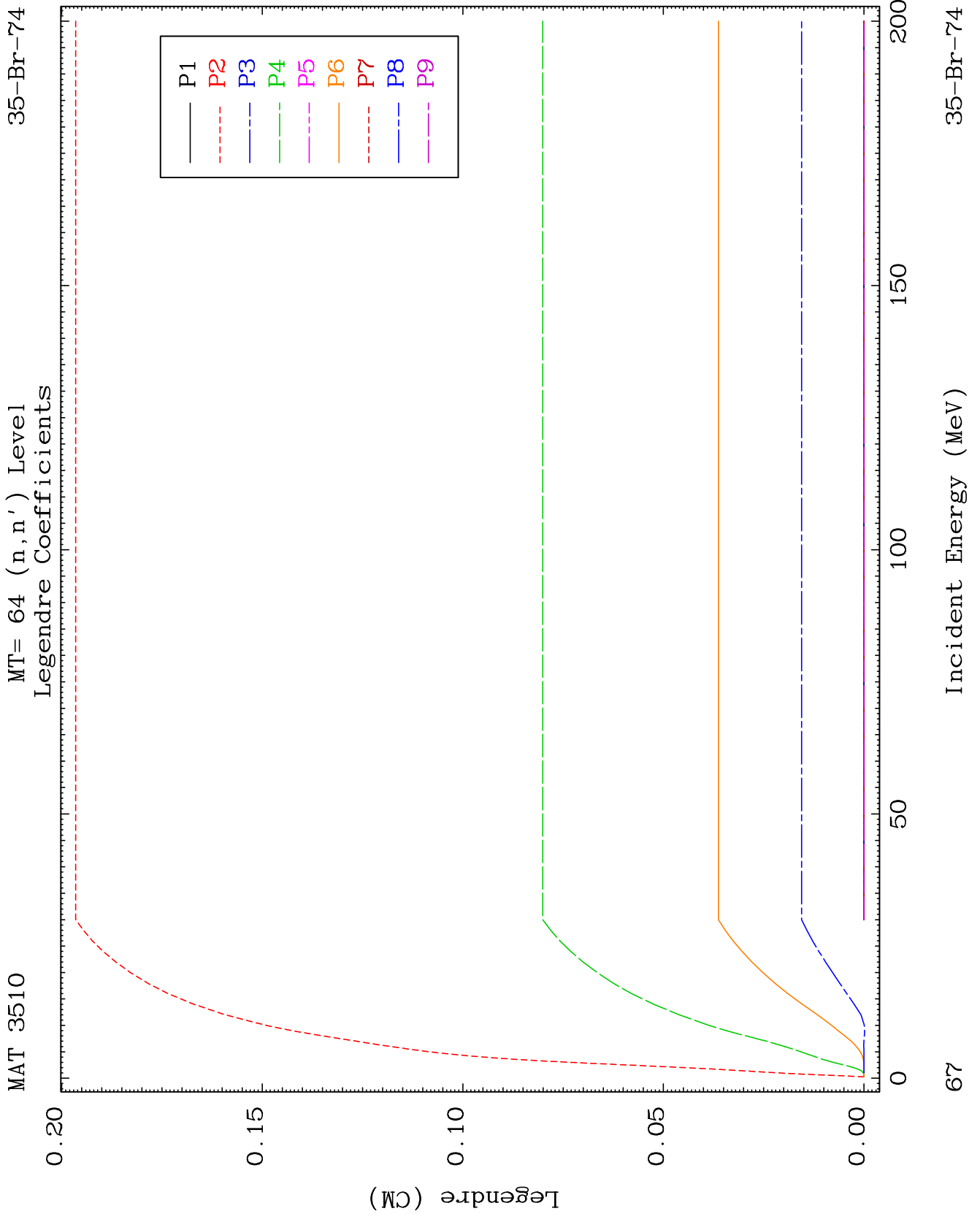


65

Incident Energy (MeV)

35-Br-74

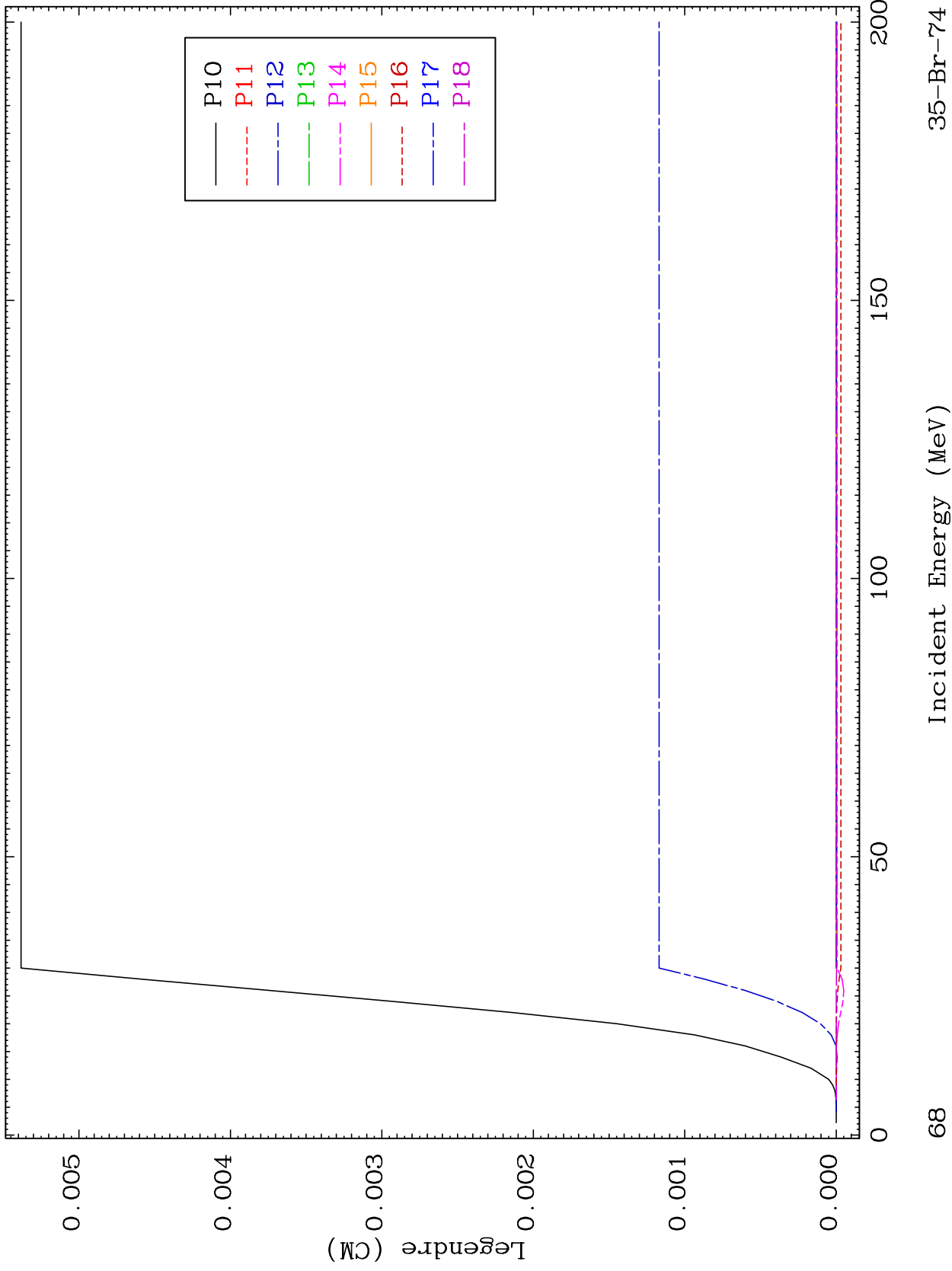




MAT 3510

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

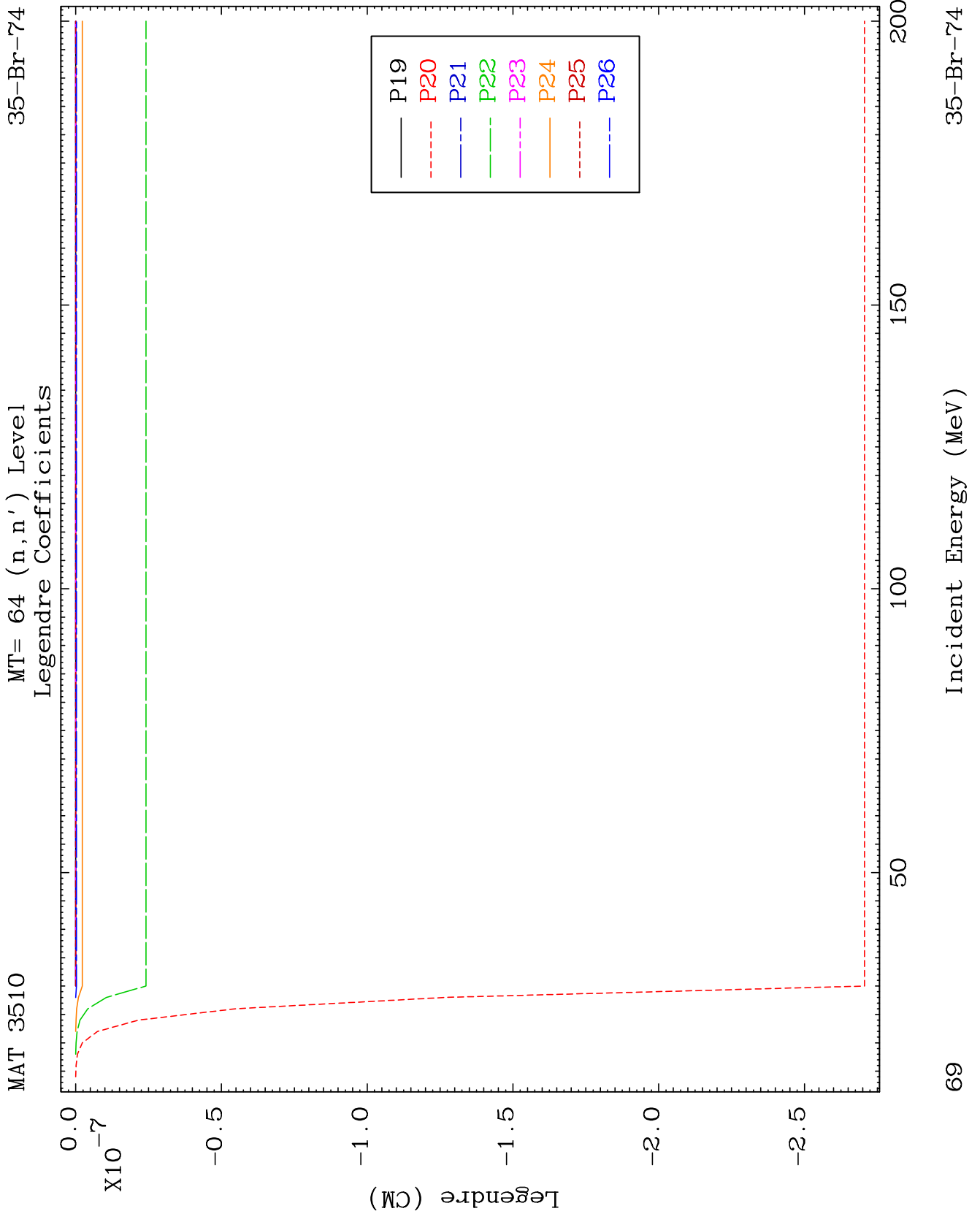
35-Br-74

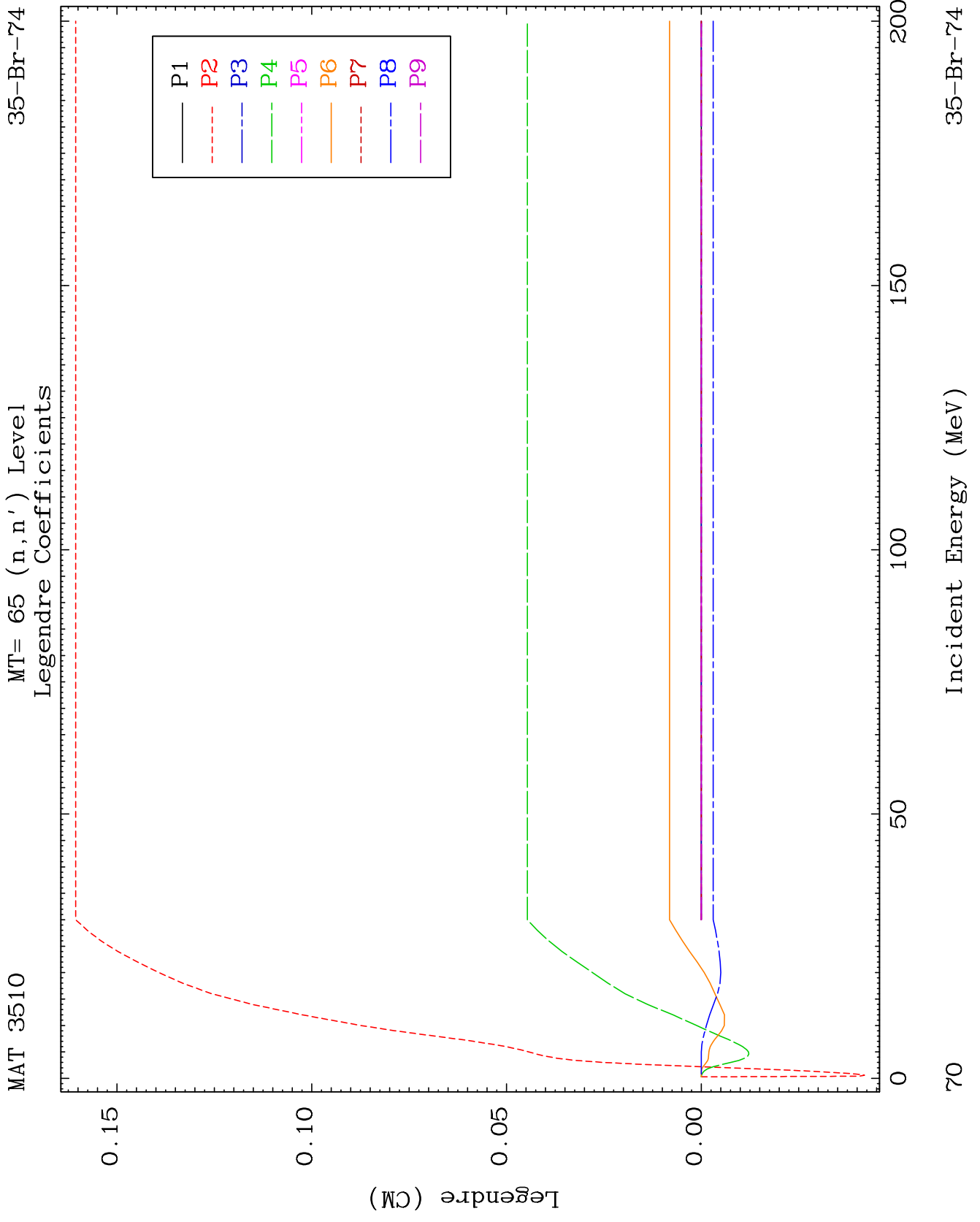


68

Incident Energy (MeV)

35-Br-74

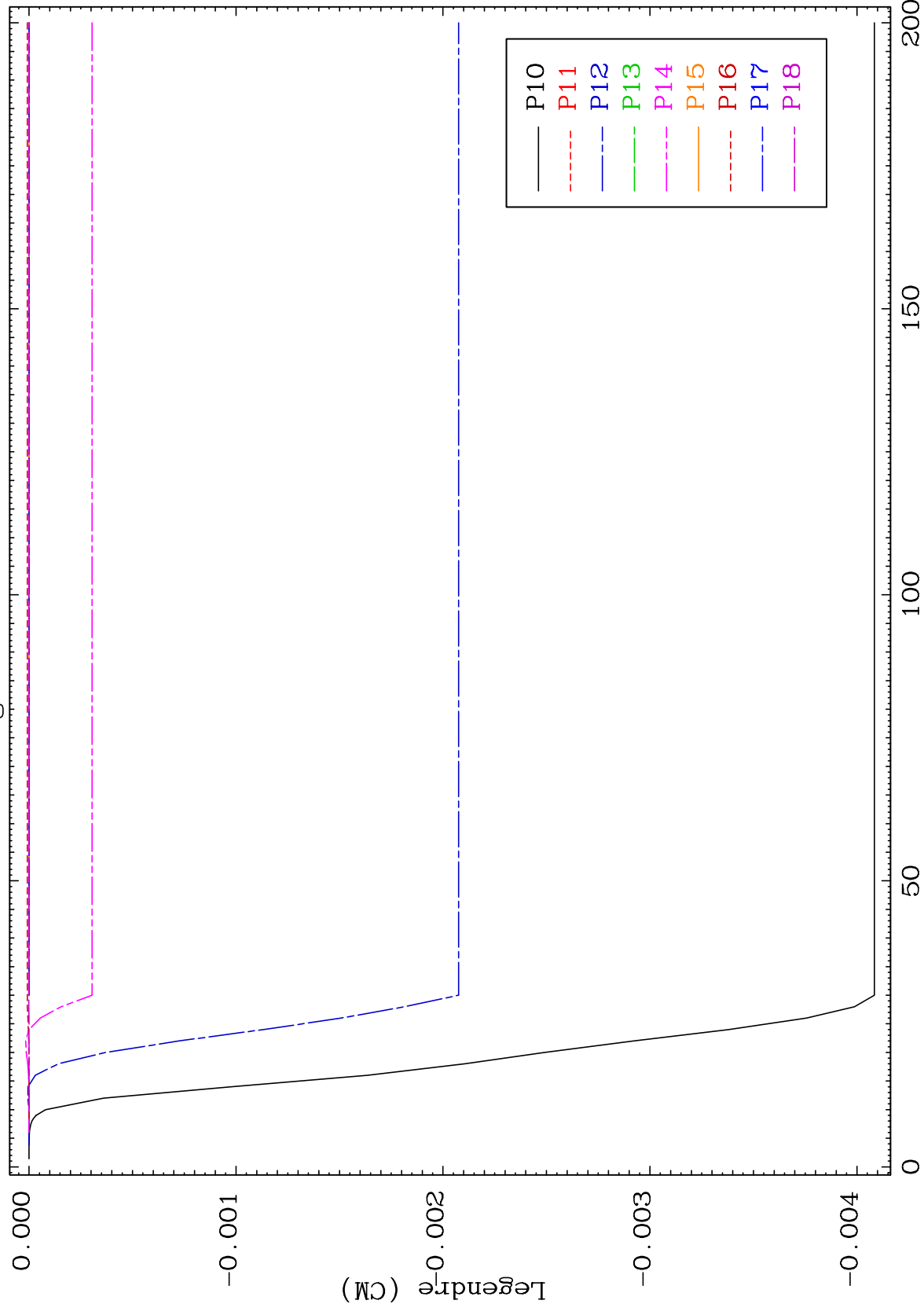




MAT 3510

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

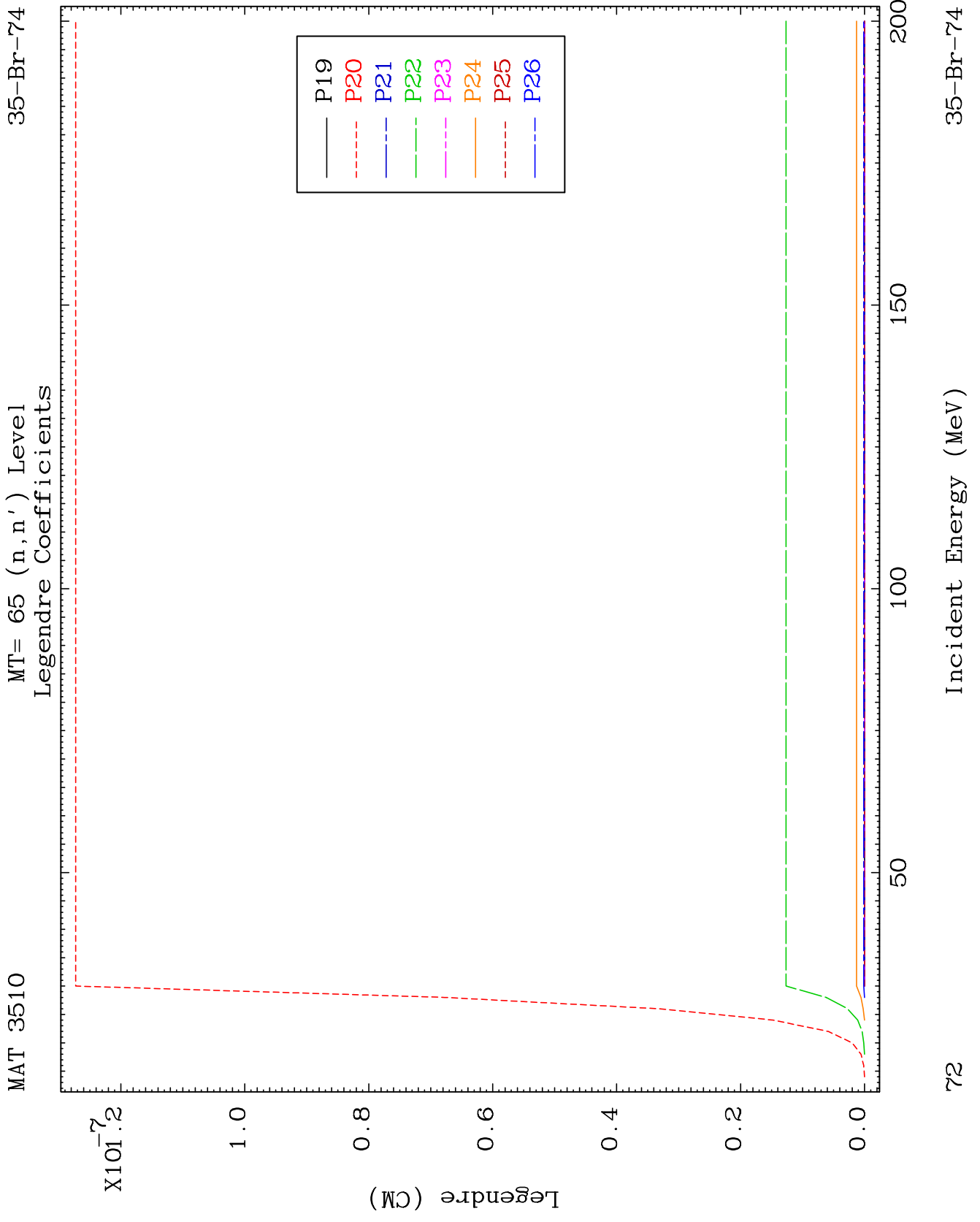
35-Br-74

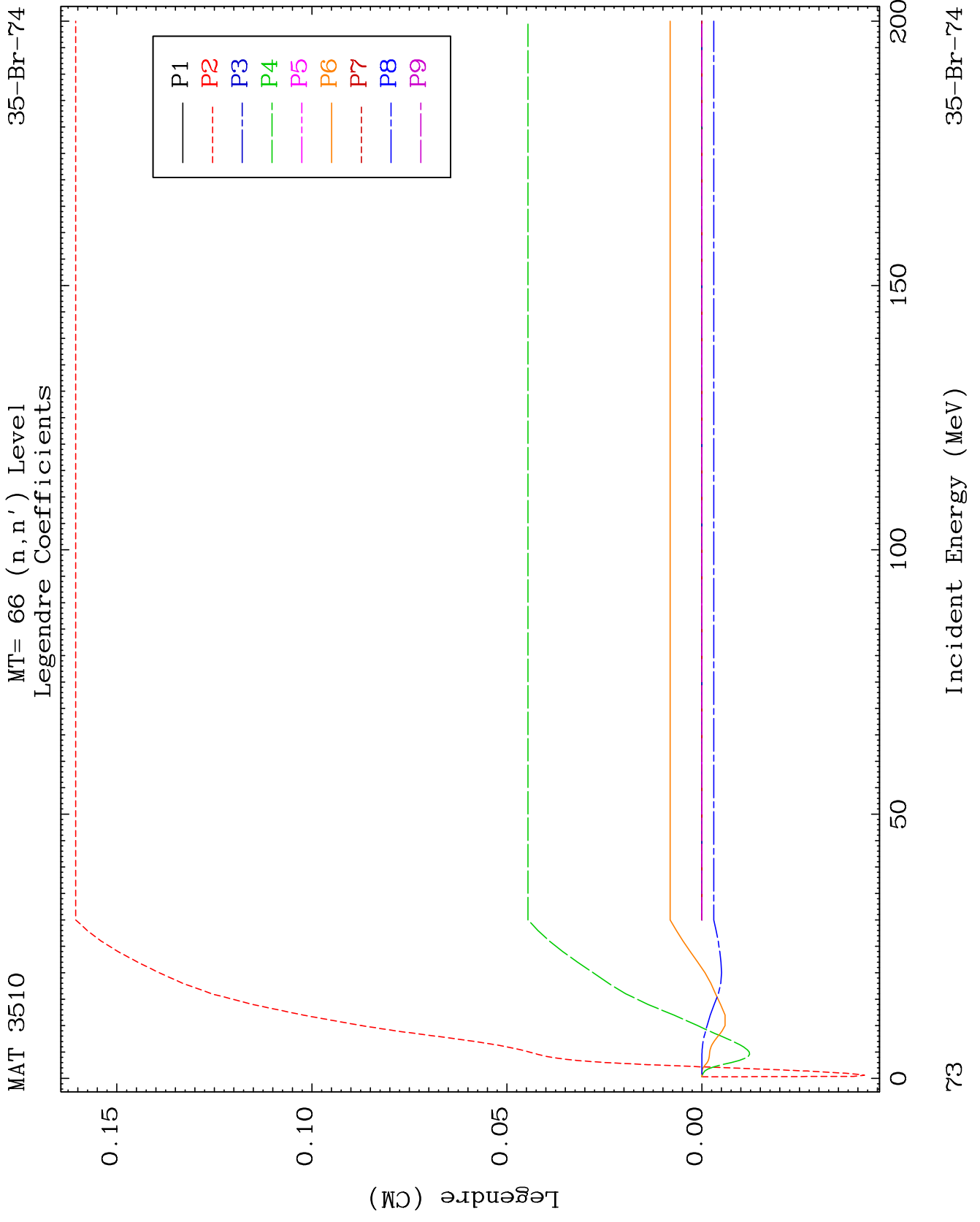


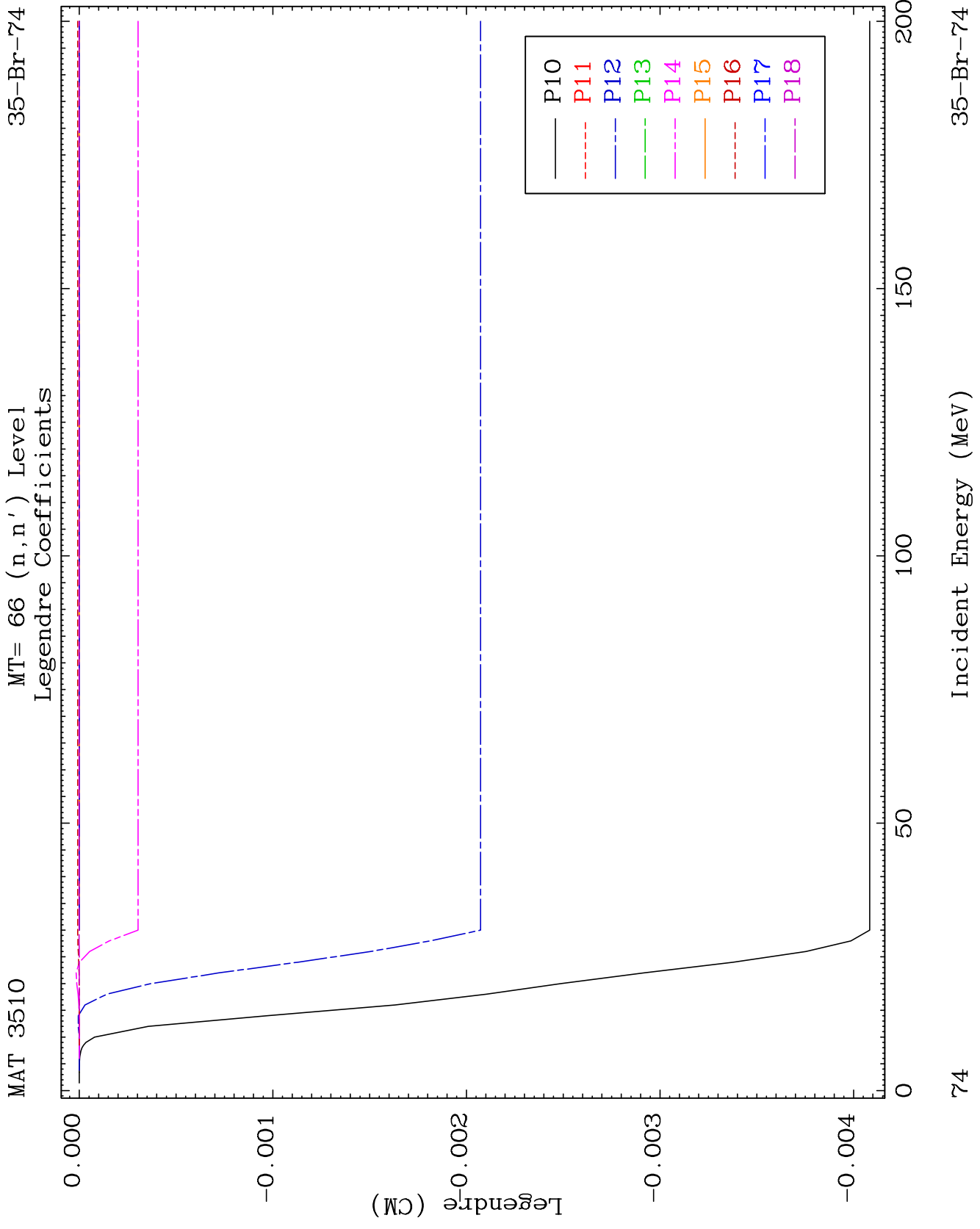
71

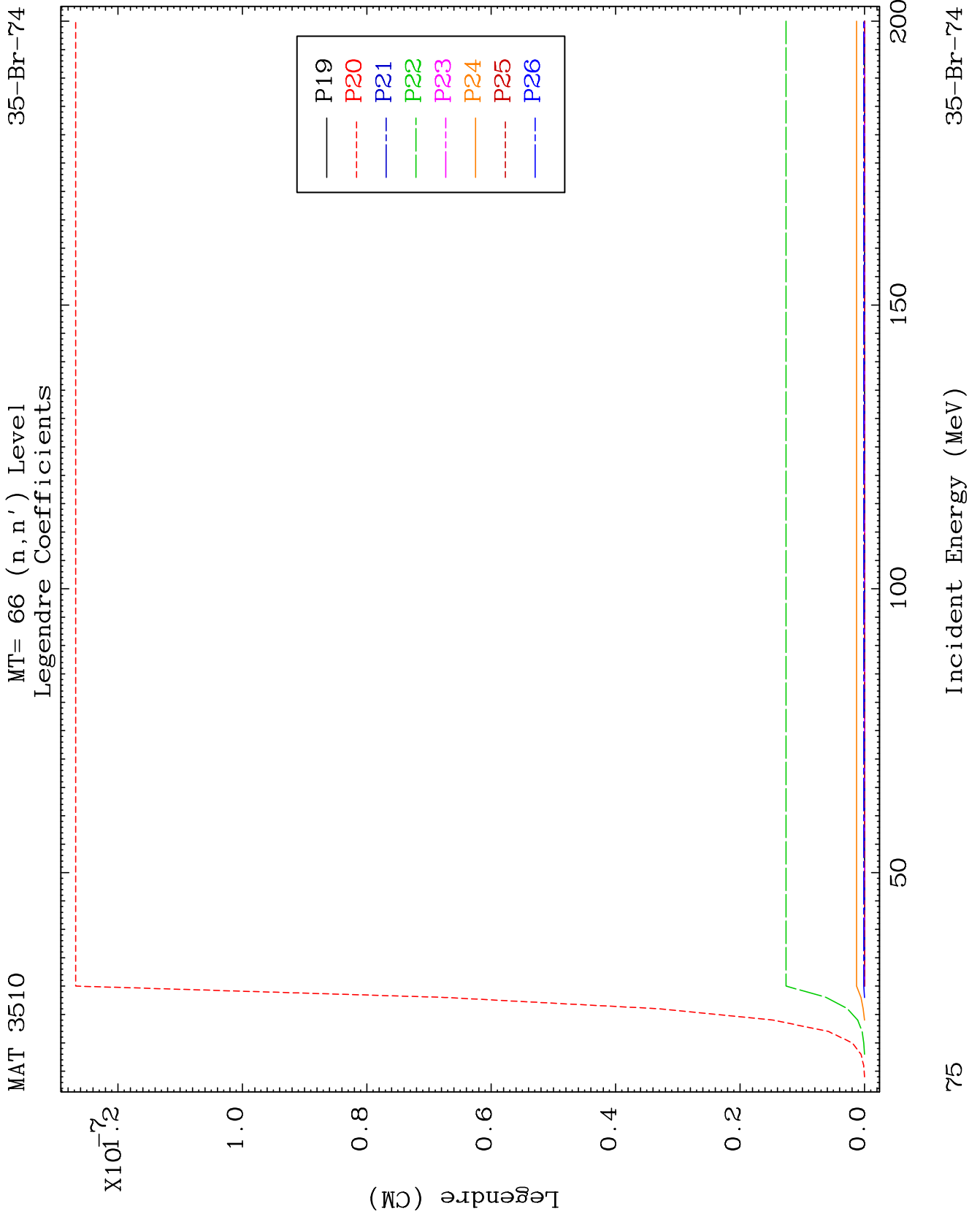
Incident Energy (MeV)

35-Br-74





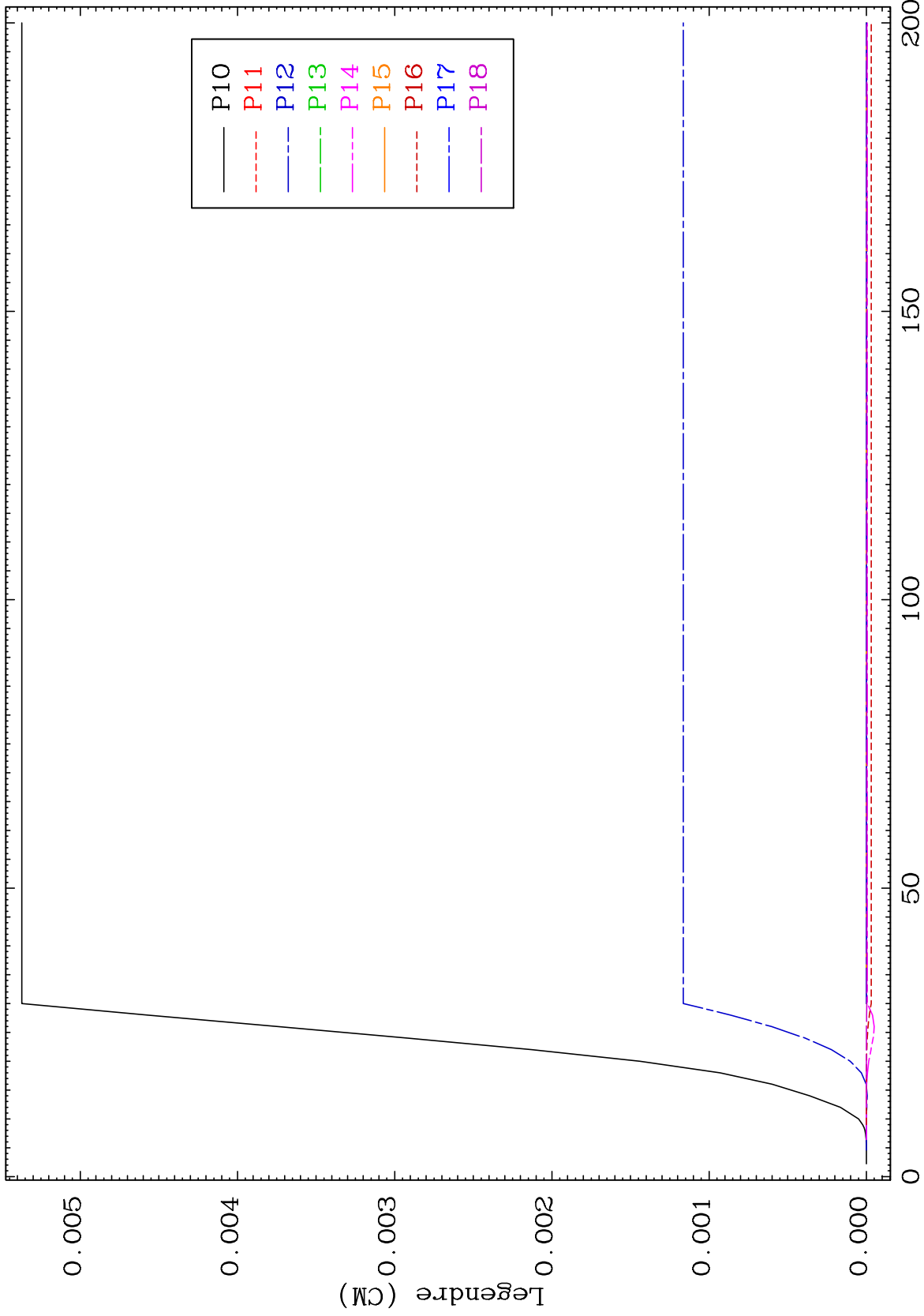




MAT 3510

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

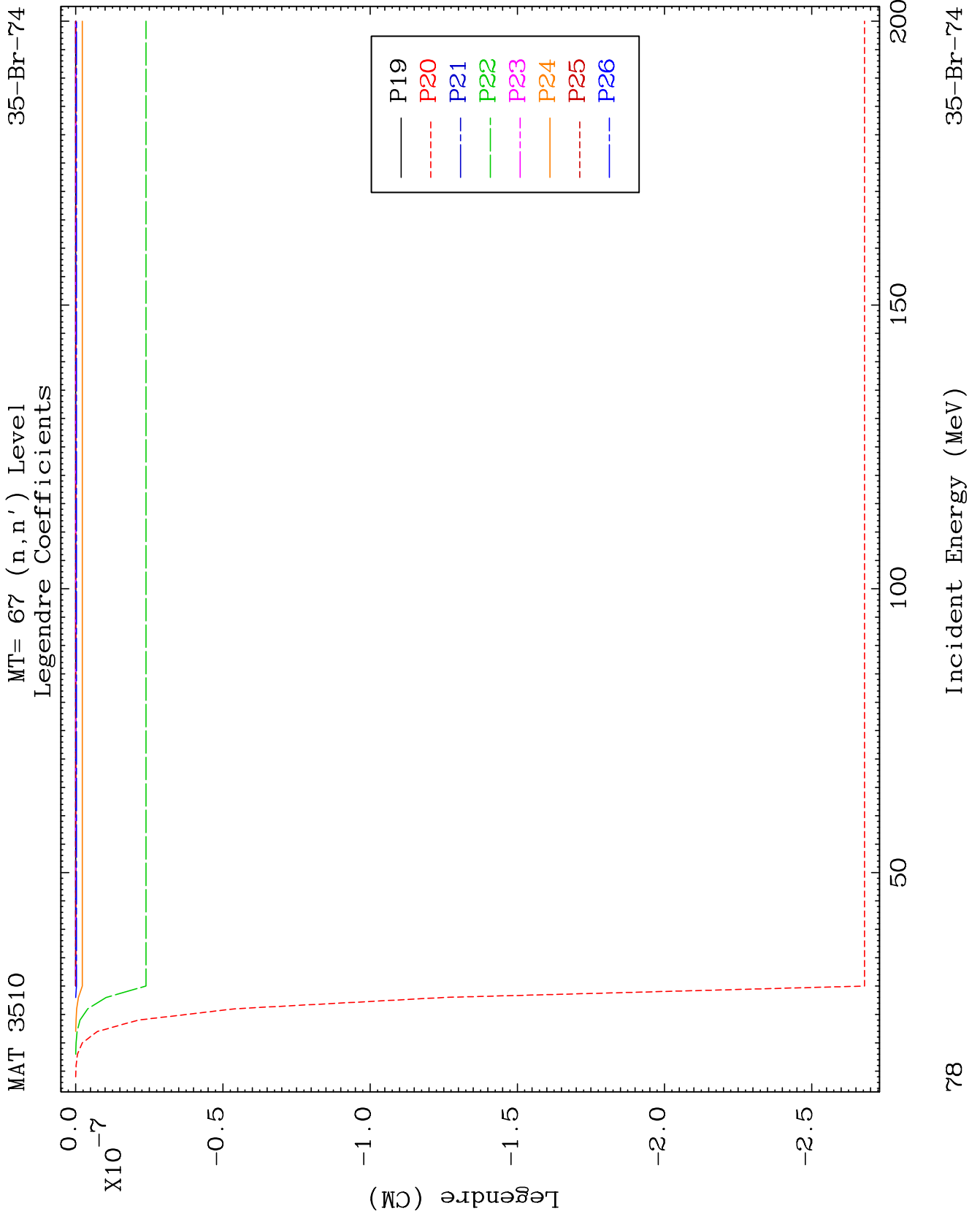
35-Br-74

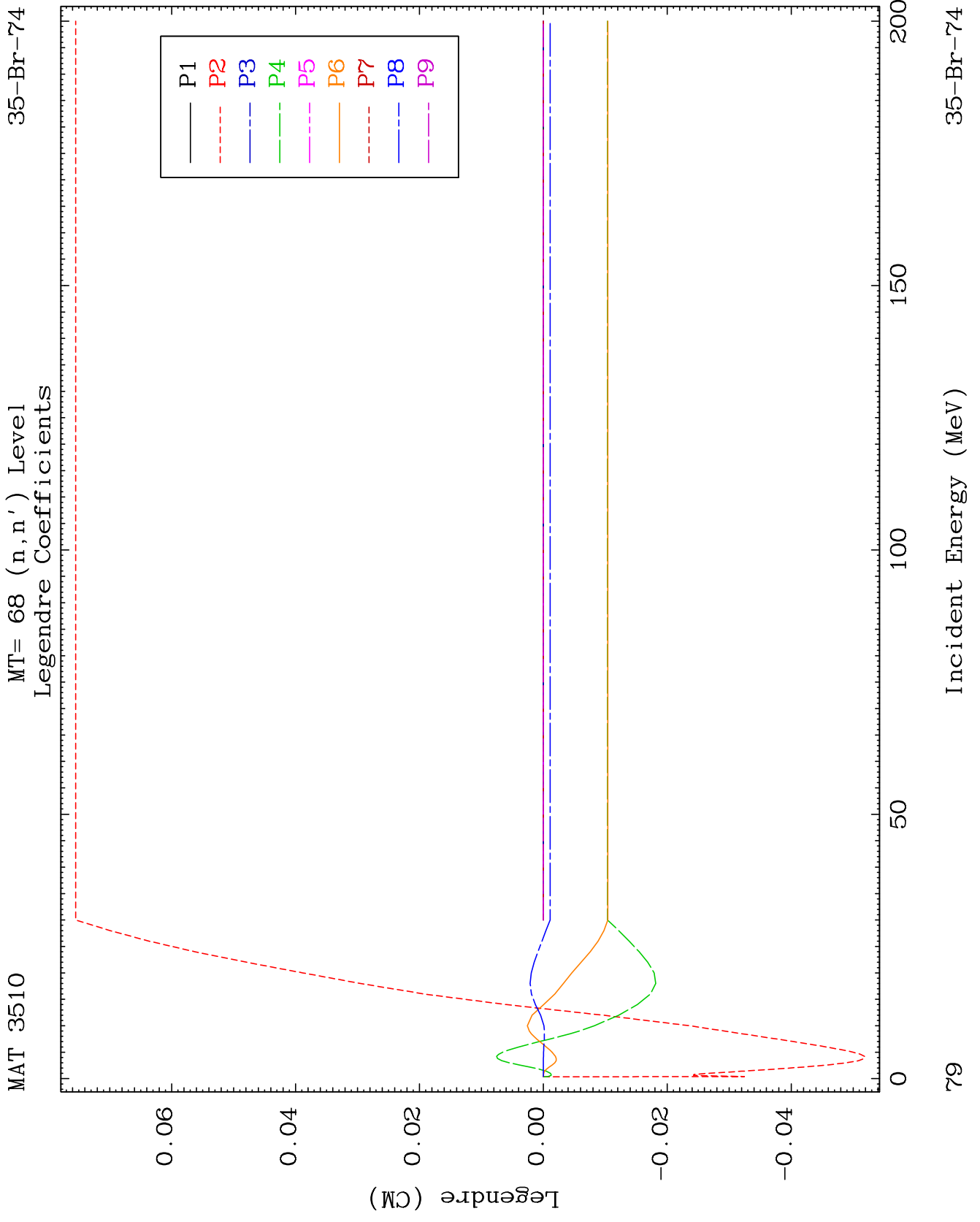


77

Incident Energy (MeV)

35-Br-74

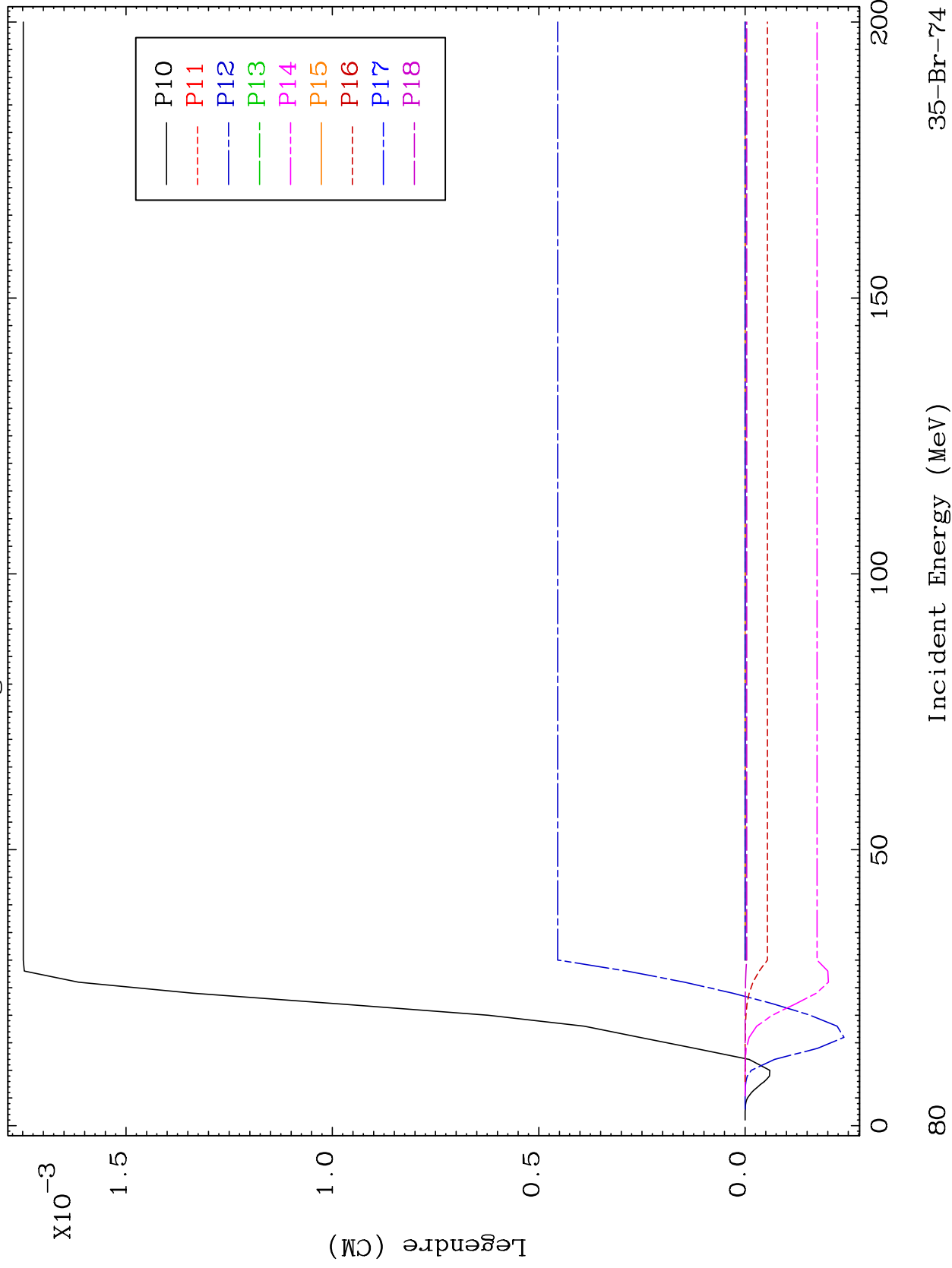




MAT 3510

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

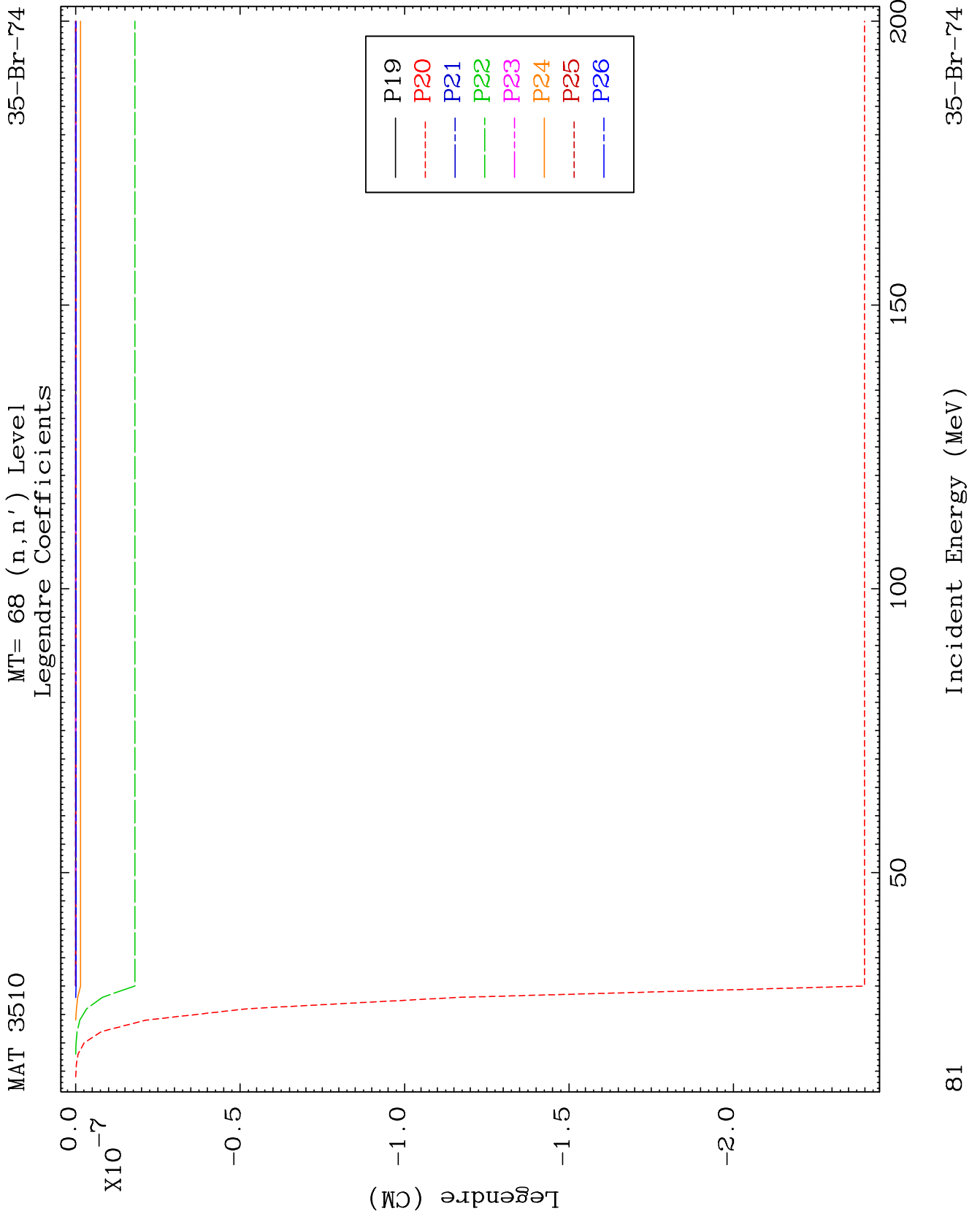
35-Br-74



35-Br-74

Incident Energy (MeV)

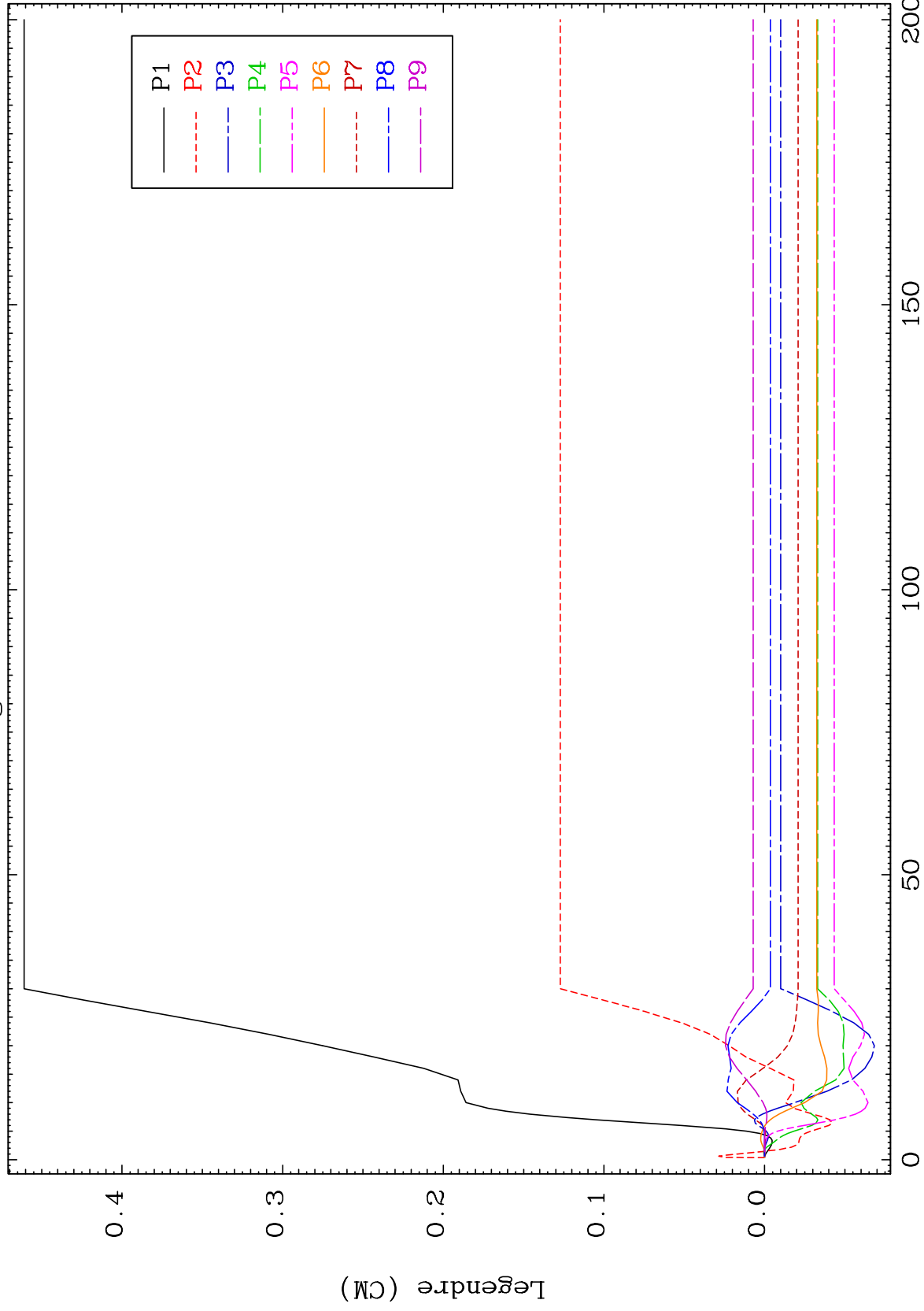
80



MAT 3510

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

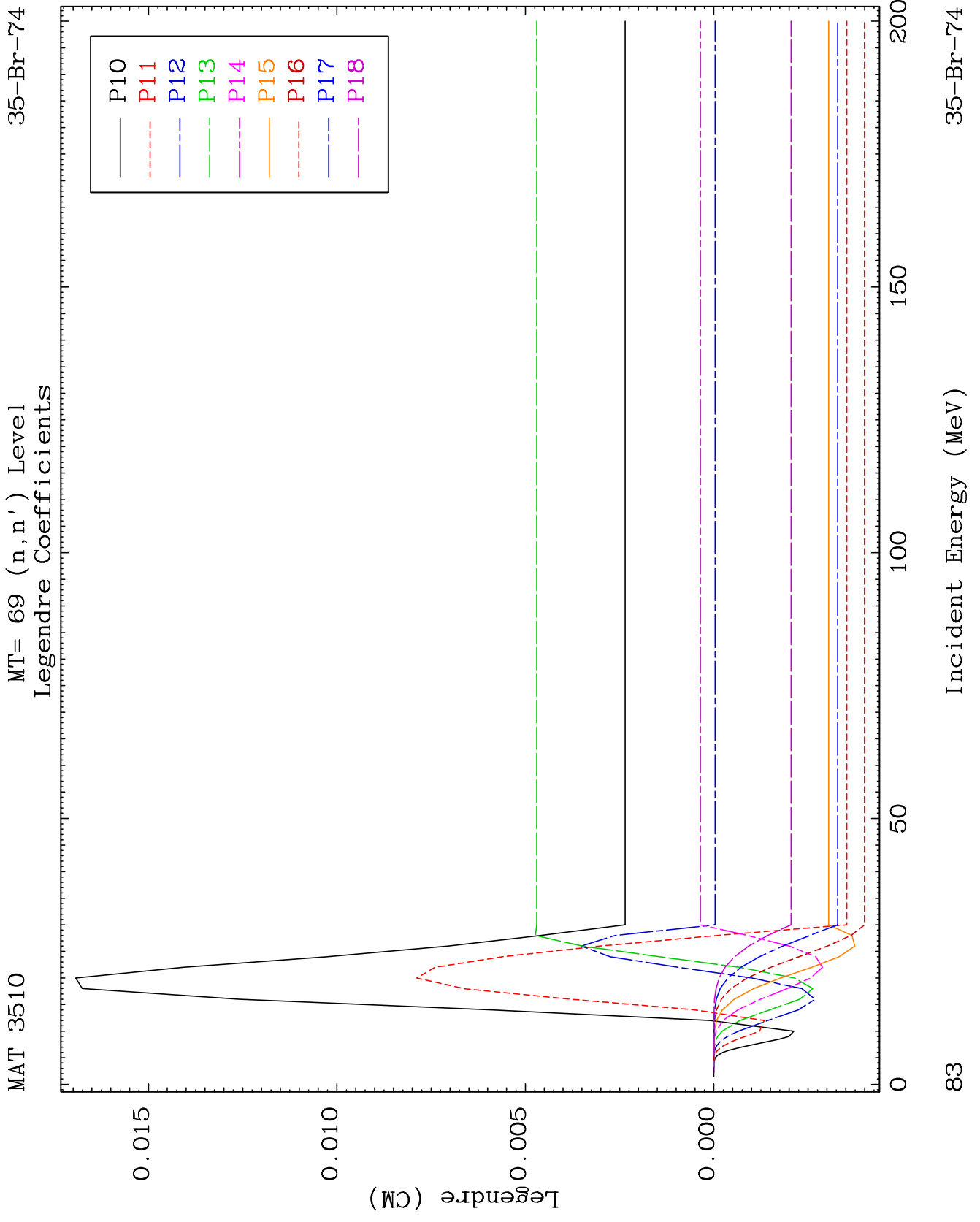
35-Br-74

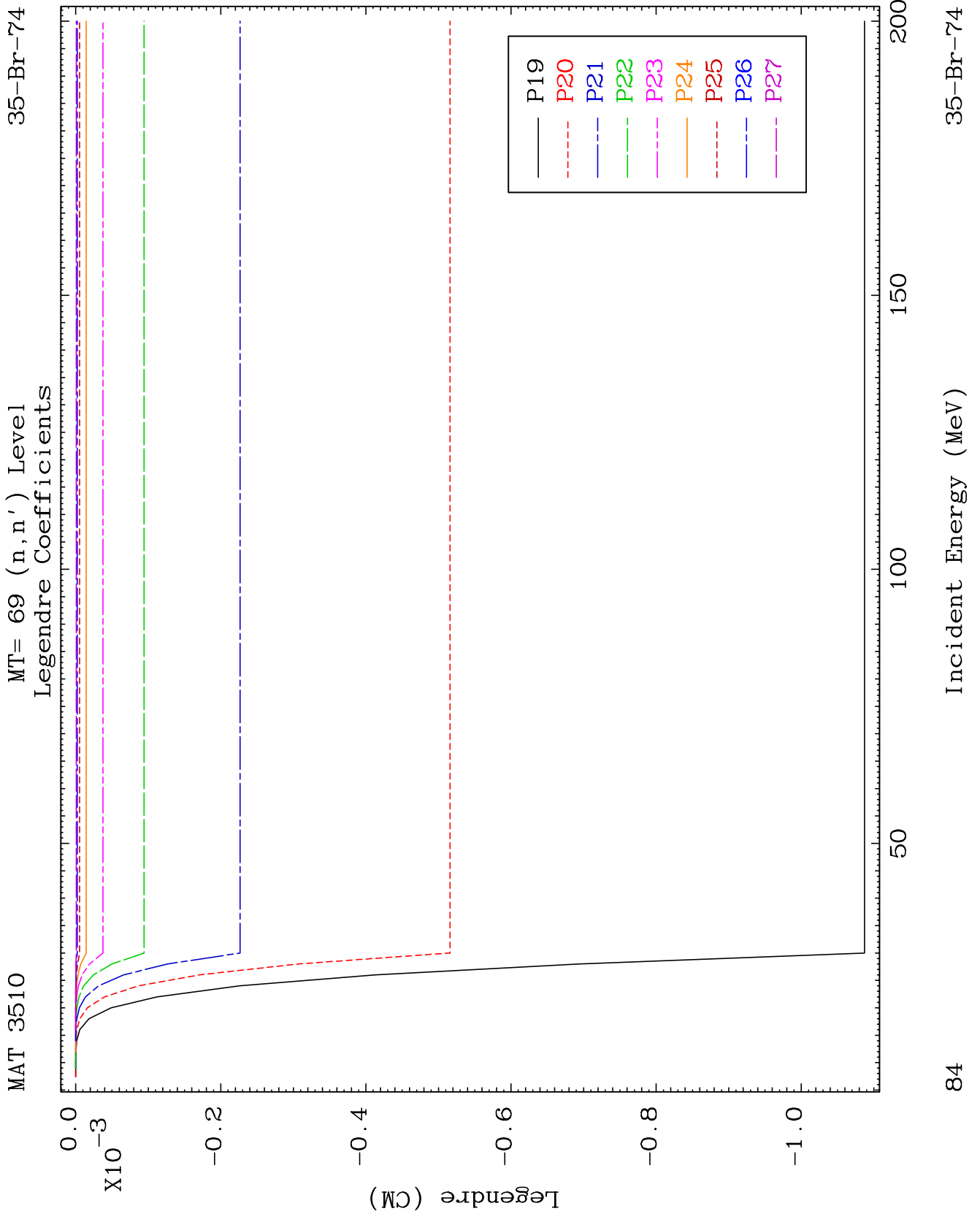


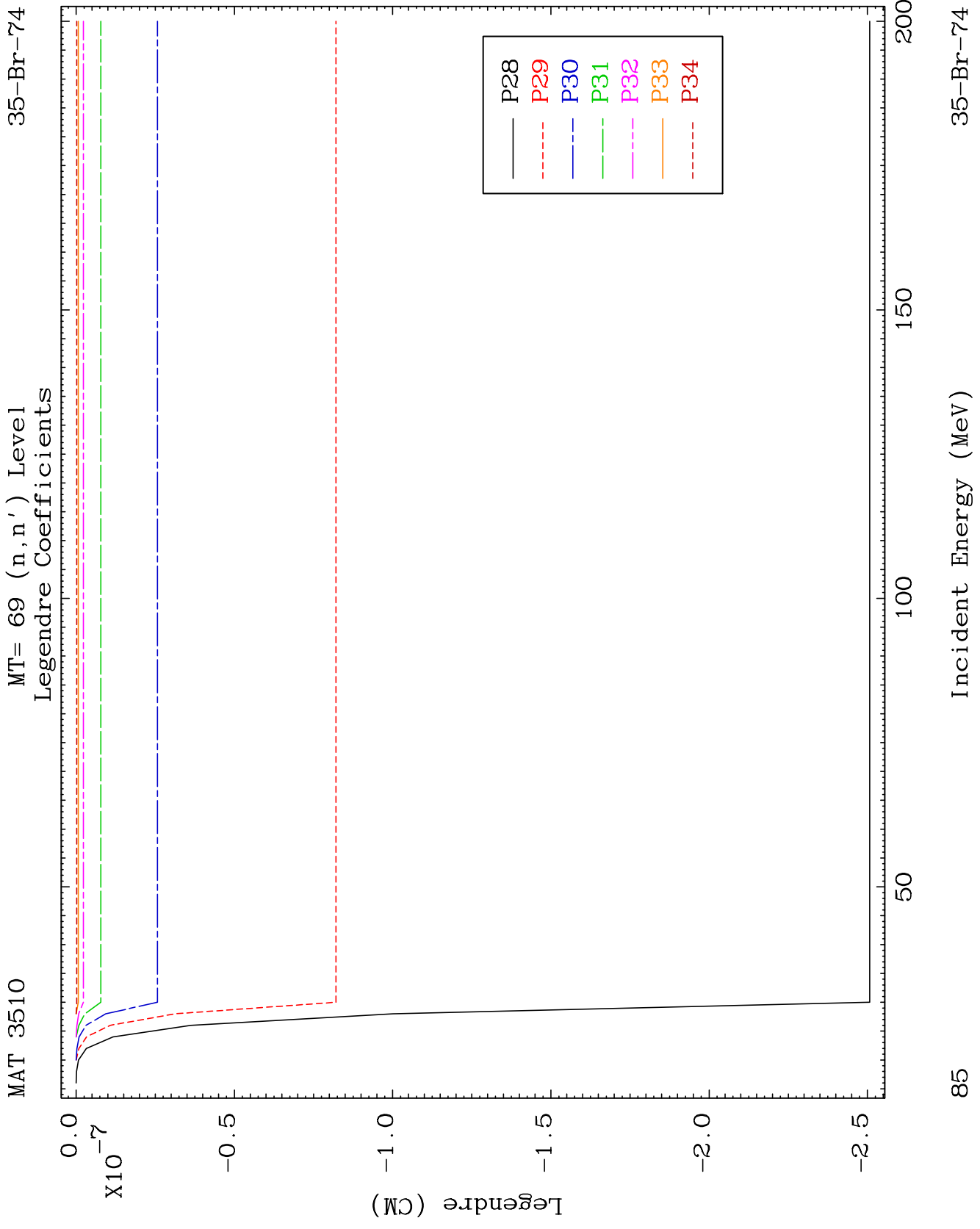
82

Incident Energy (MeV)

35-Br-74



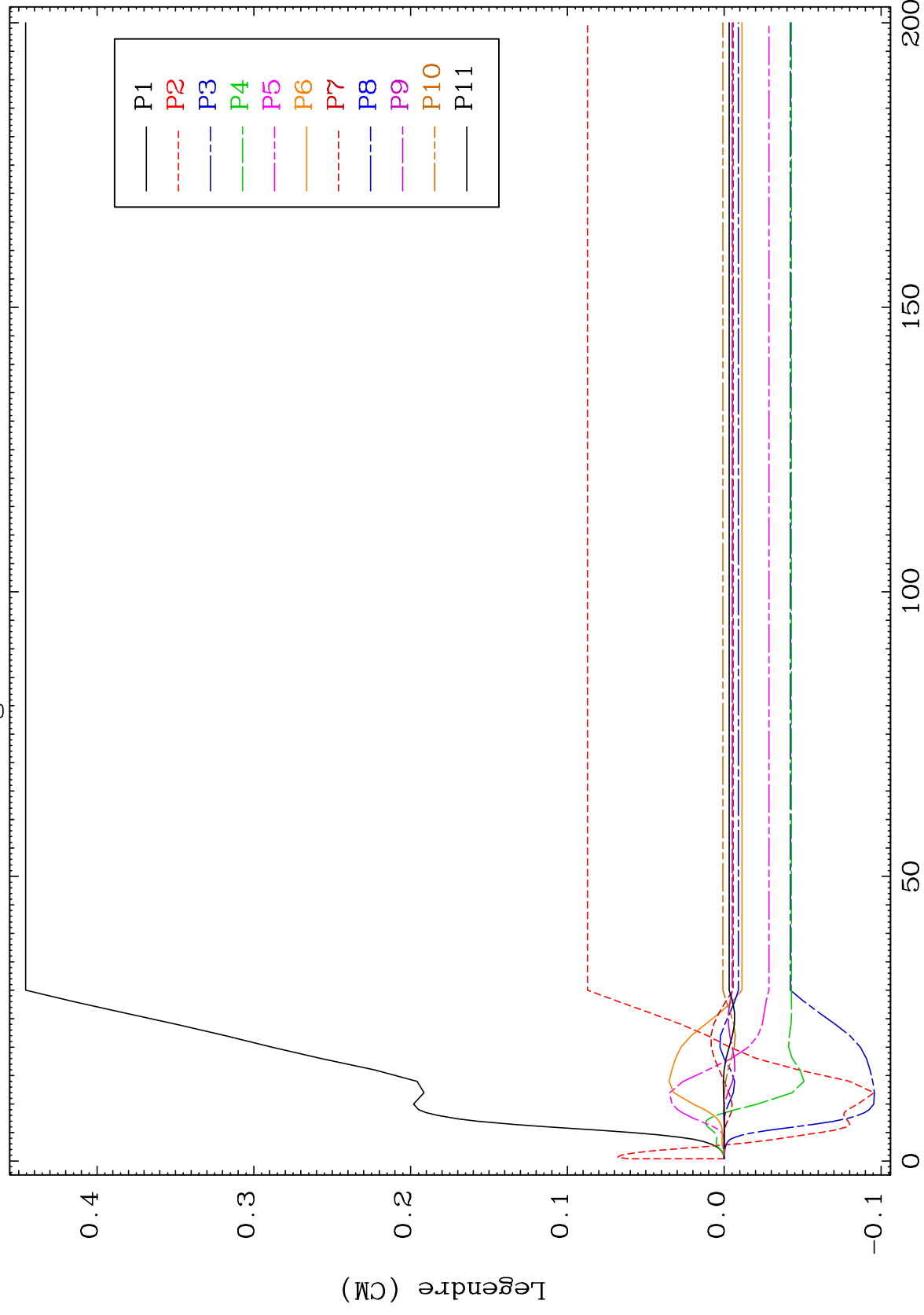




MAT 3510

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

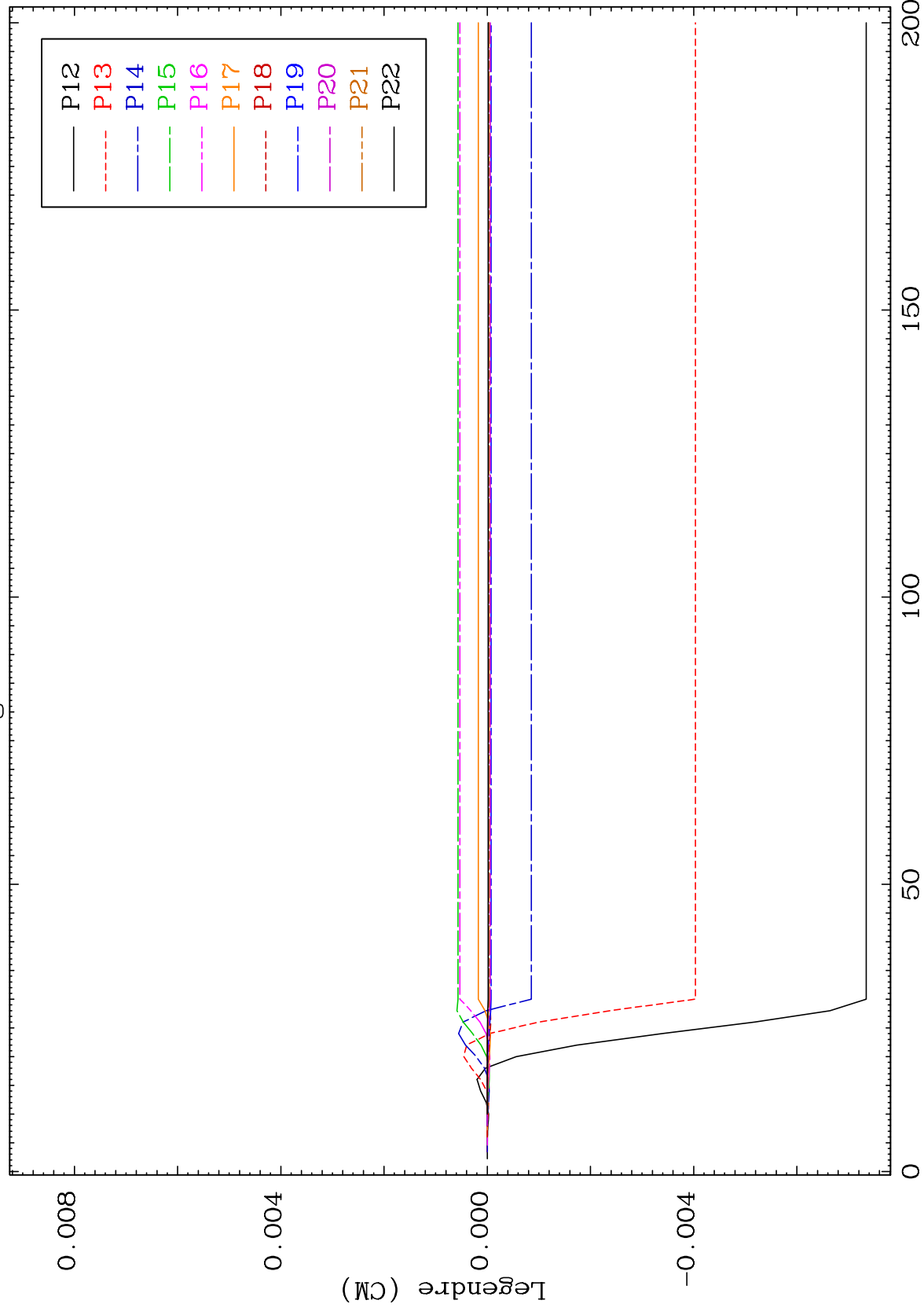
35-Br-74



MAT 3510

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

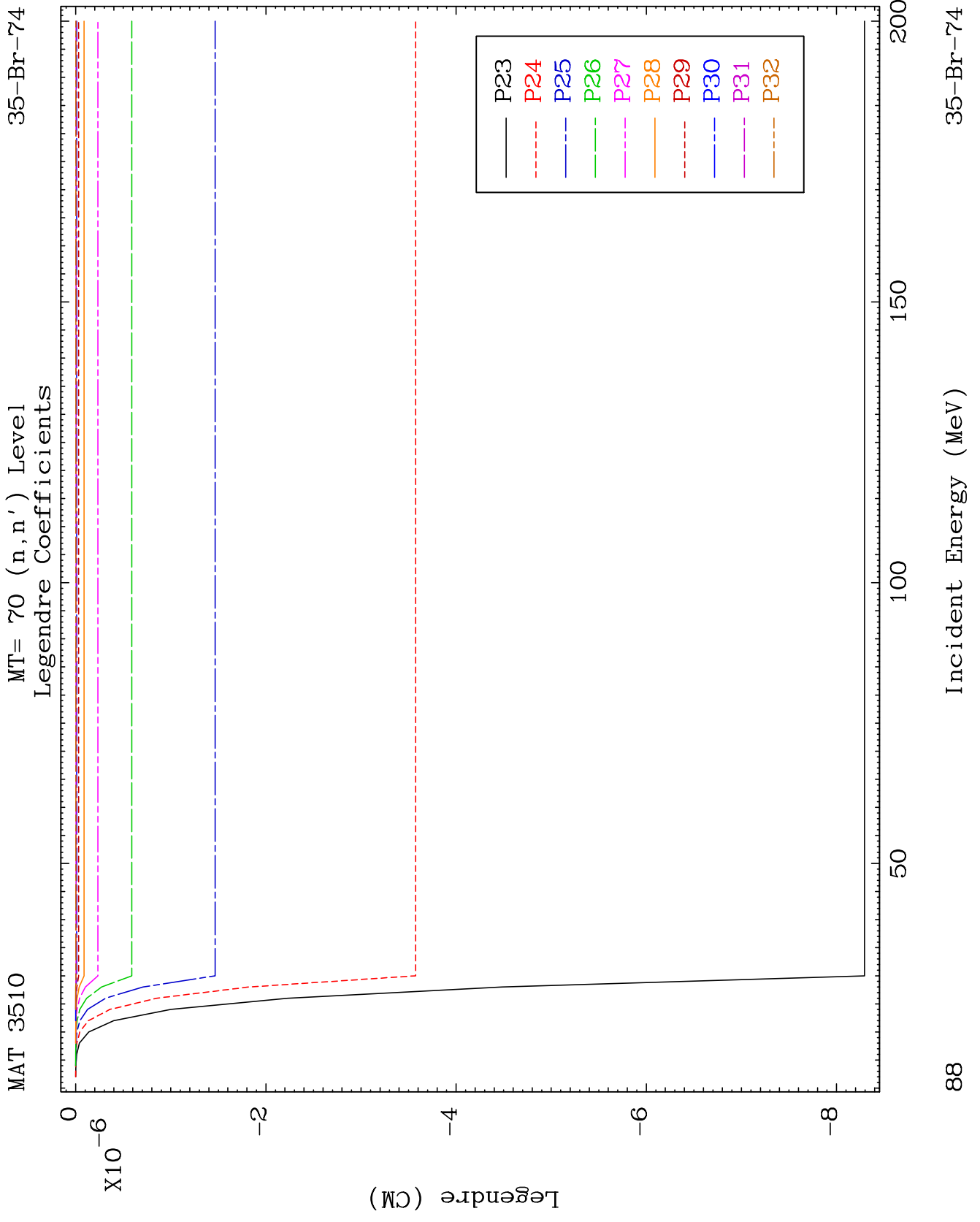
35-Br-74



87

Incident Energy (MeV)

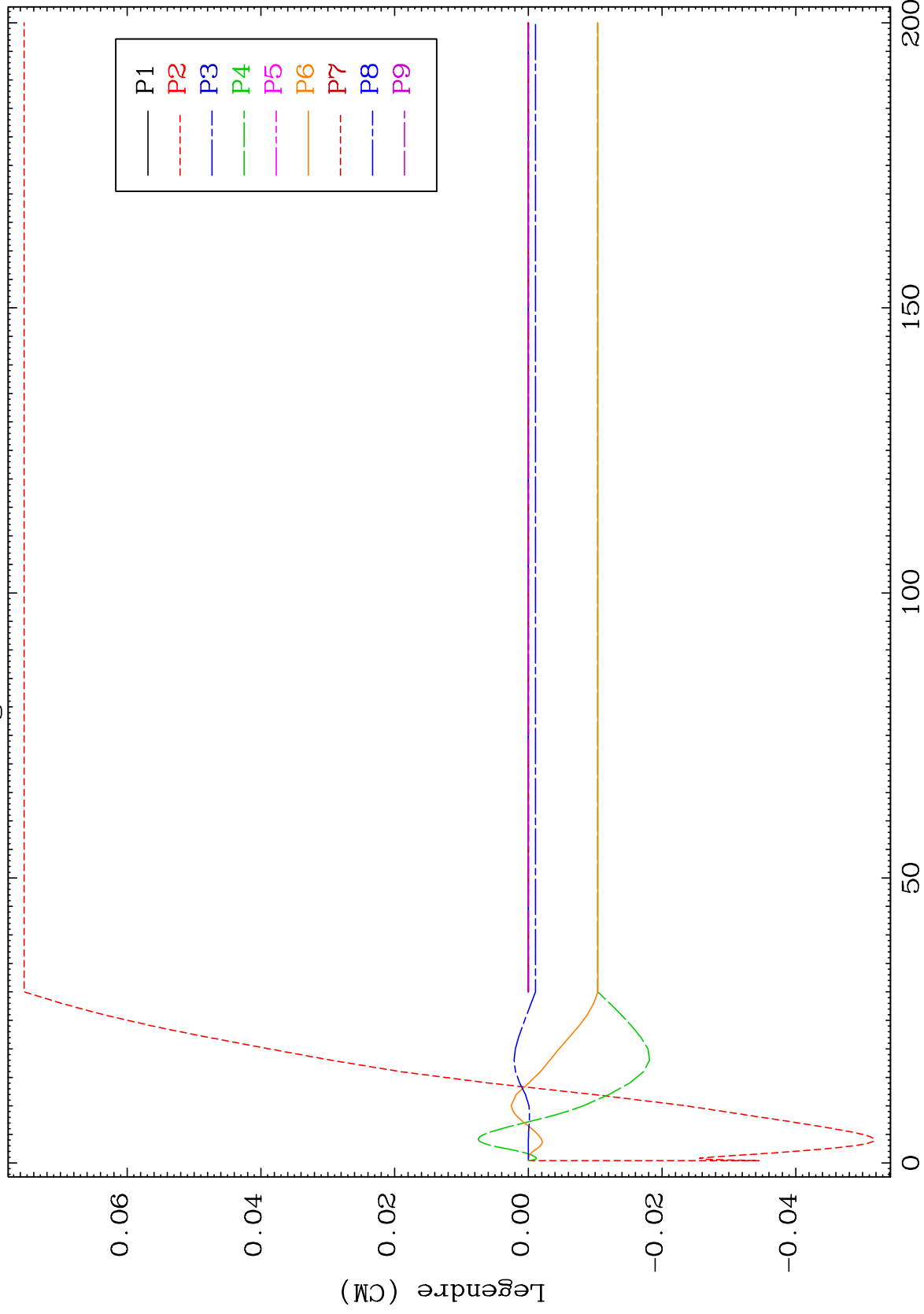
35-Br-74



MAT 3510

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

35-Br-74



89

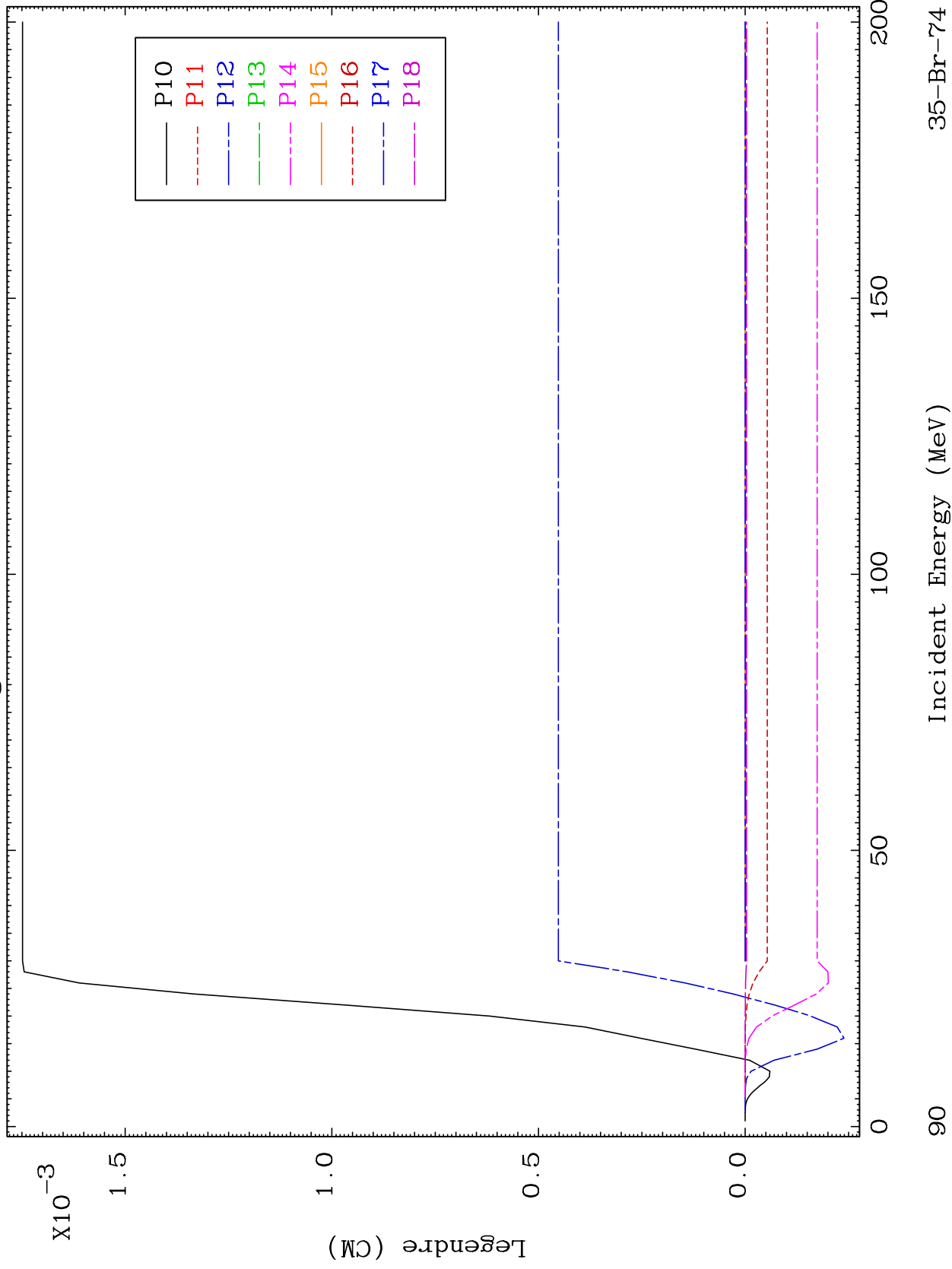
Incident Energy (MeV)

35-Br-74

MAT 3510

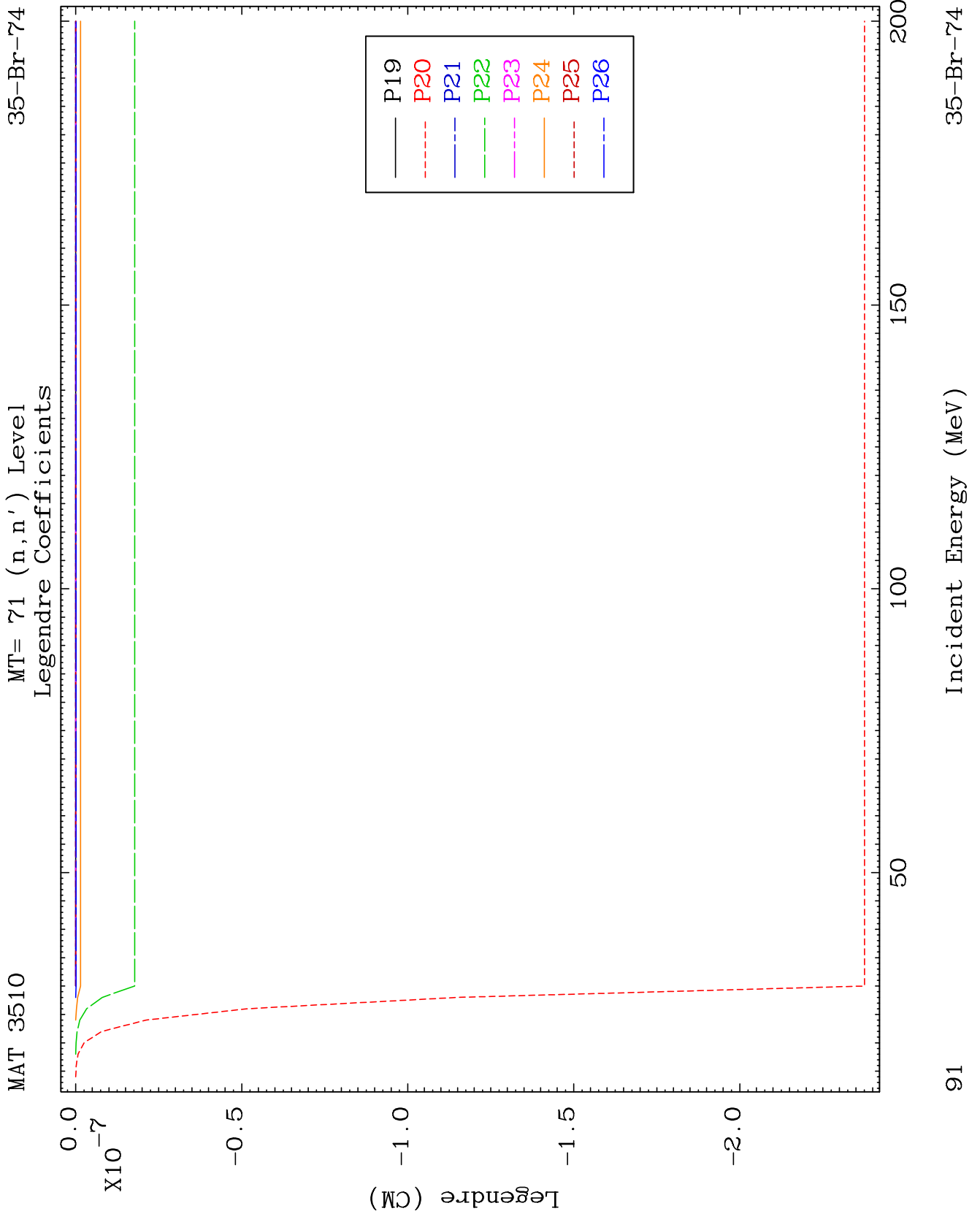
MT= 71 (n,n') Level
Legendre Coefficients

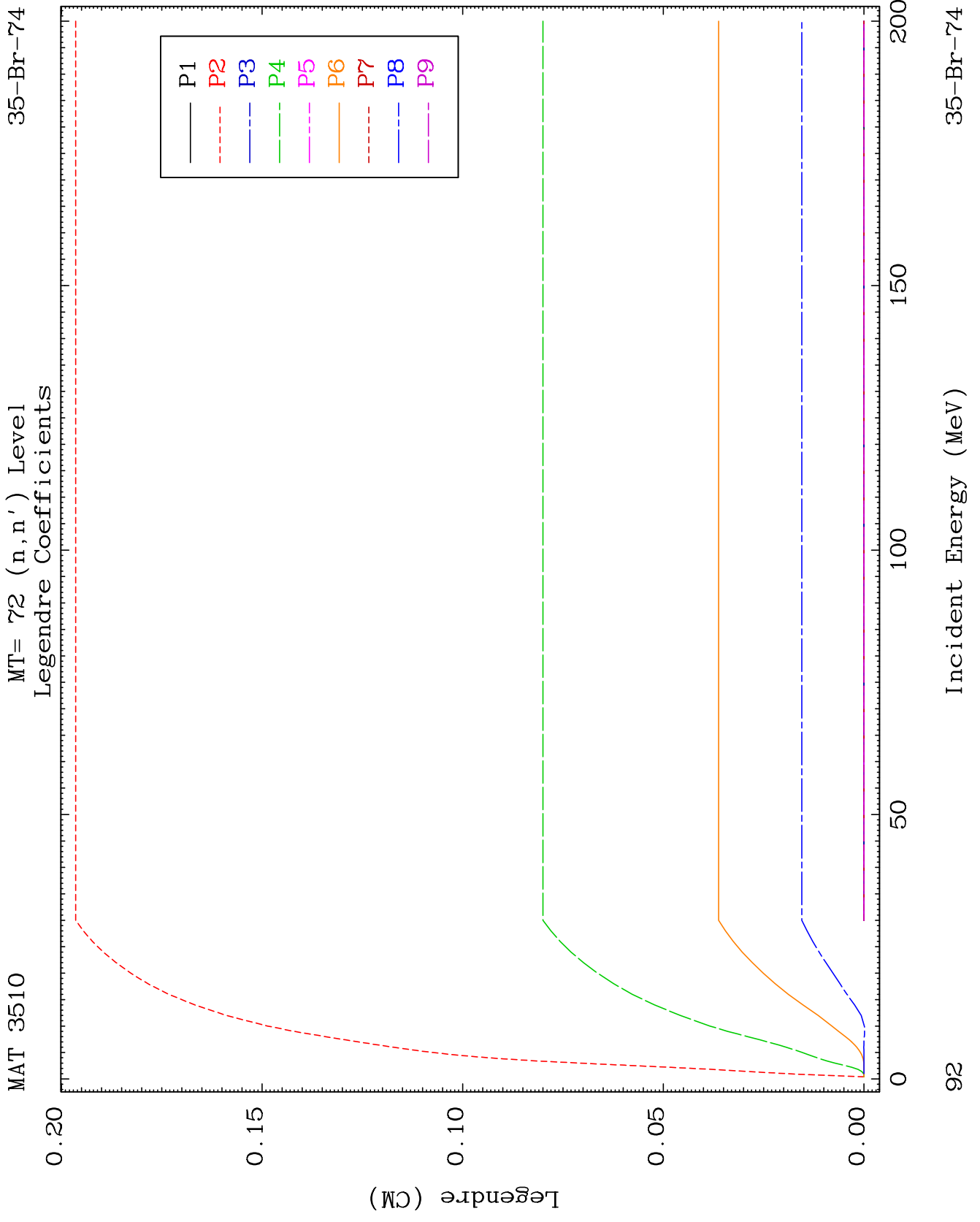
35-Br-74



35-Br-74

Incident Energy (MeV)

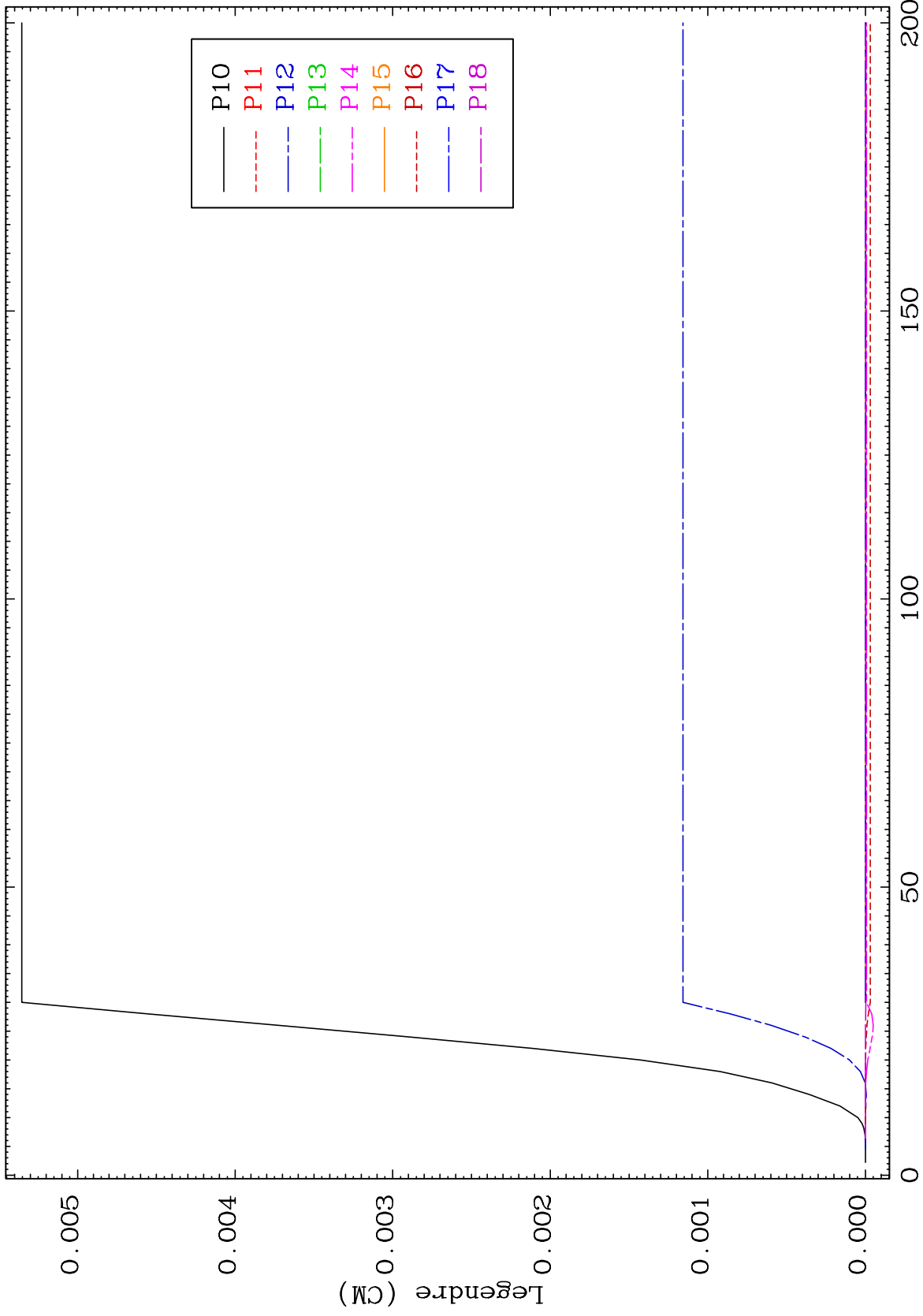




MAT 3510

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

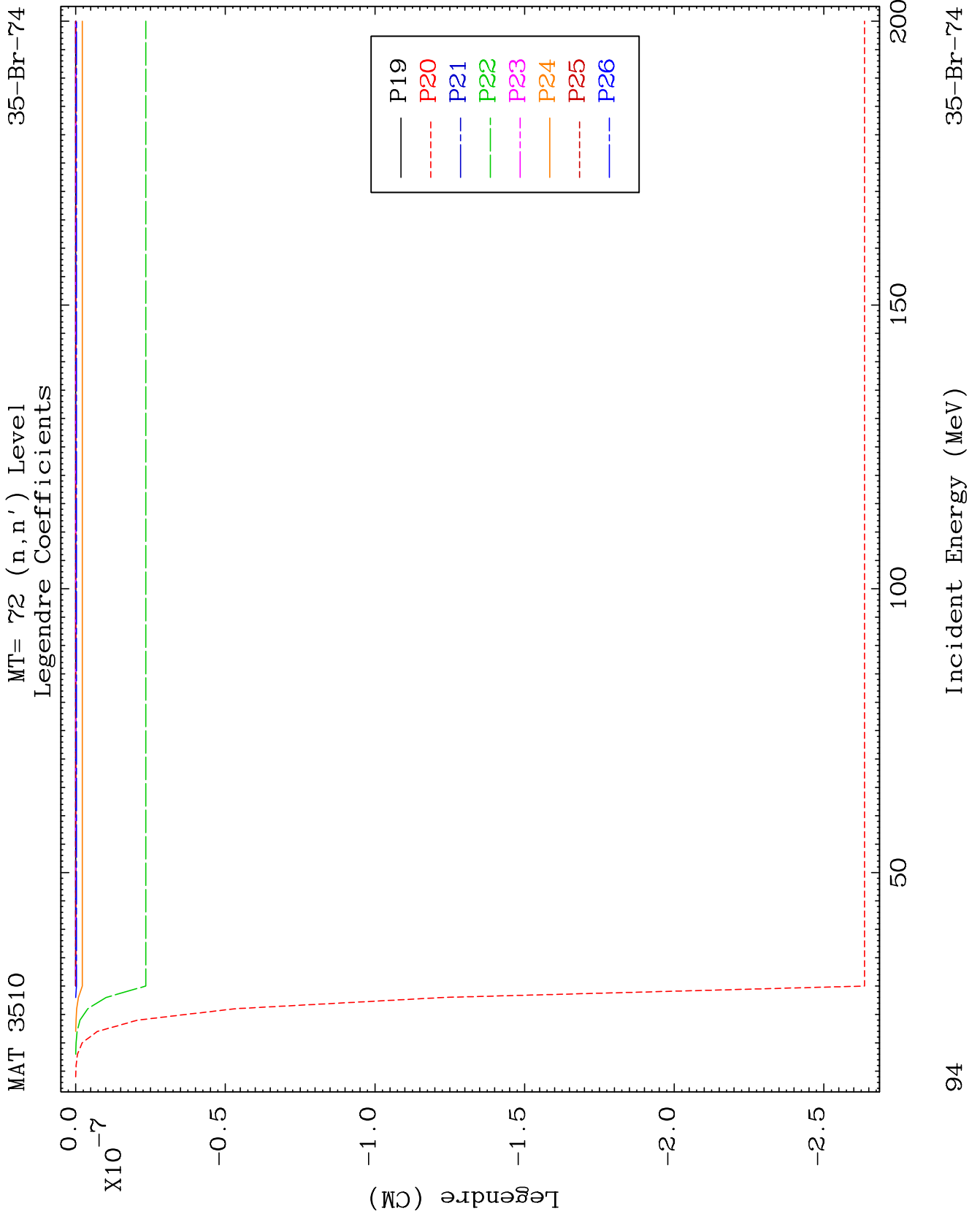
35-Br-74



93

Incident Energy (MeV)

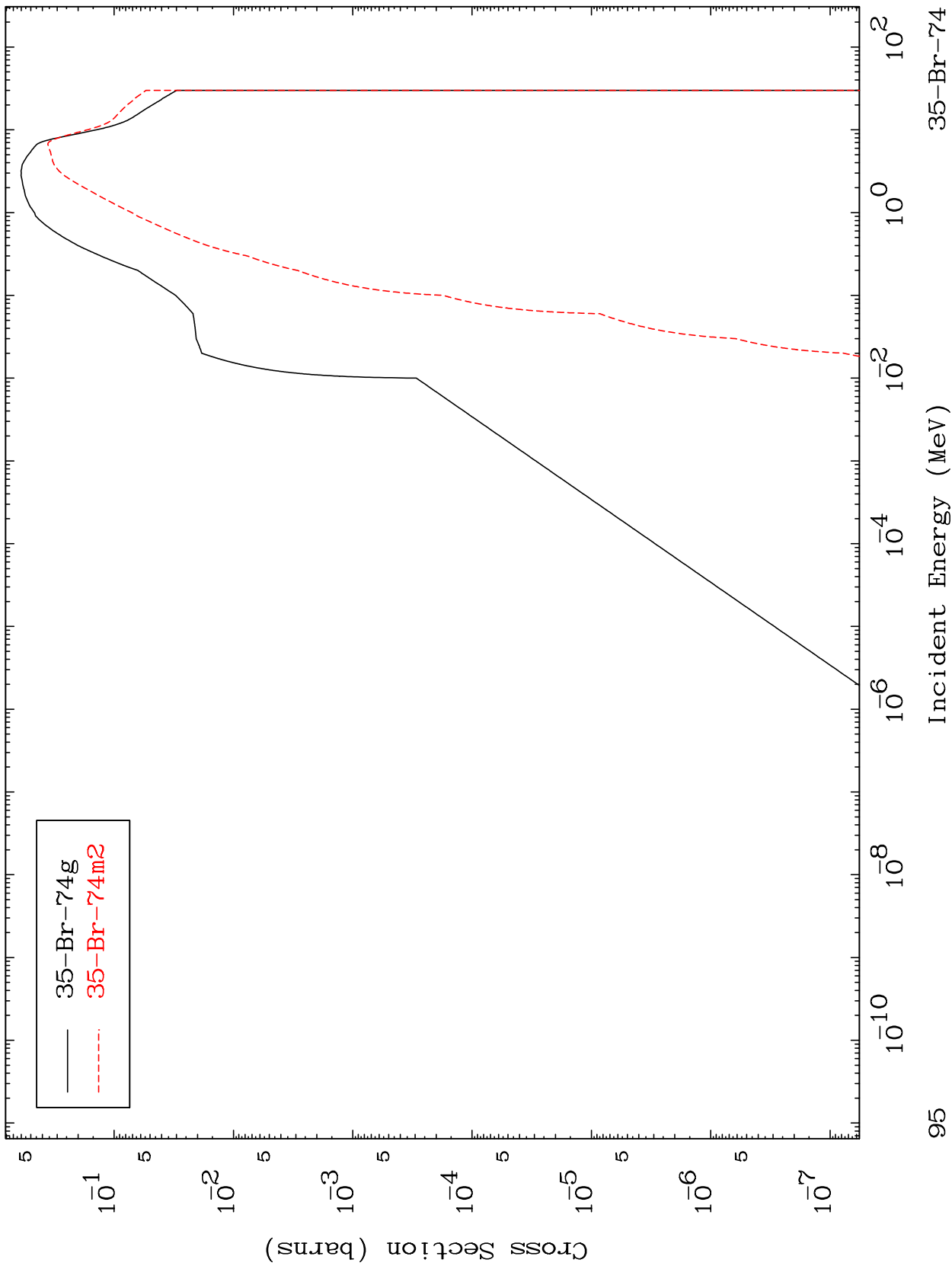
35-Br-74



MAT 3510

³⁵Br-⁷⁴

Inelastic
Radionuclide Production Cross Section



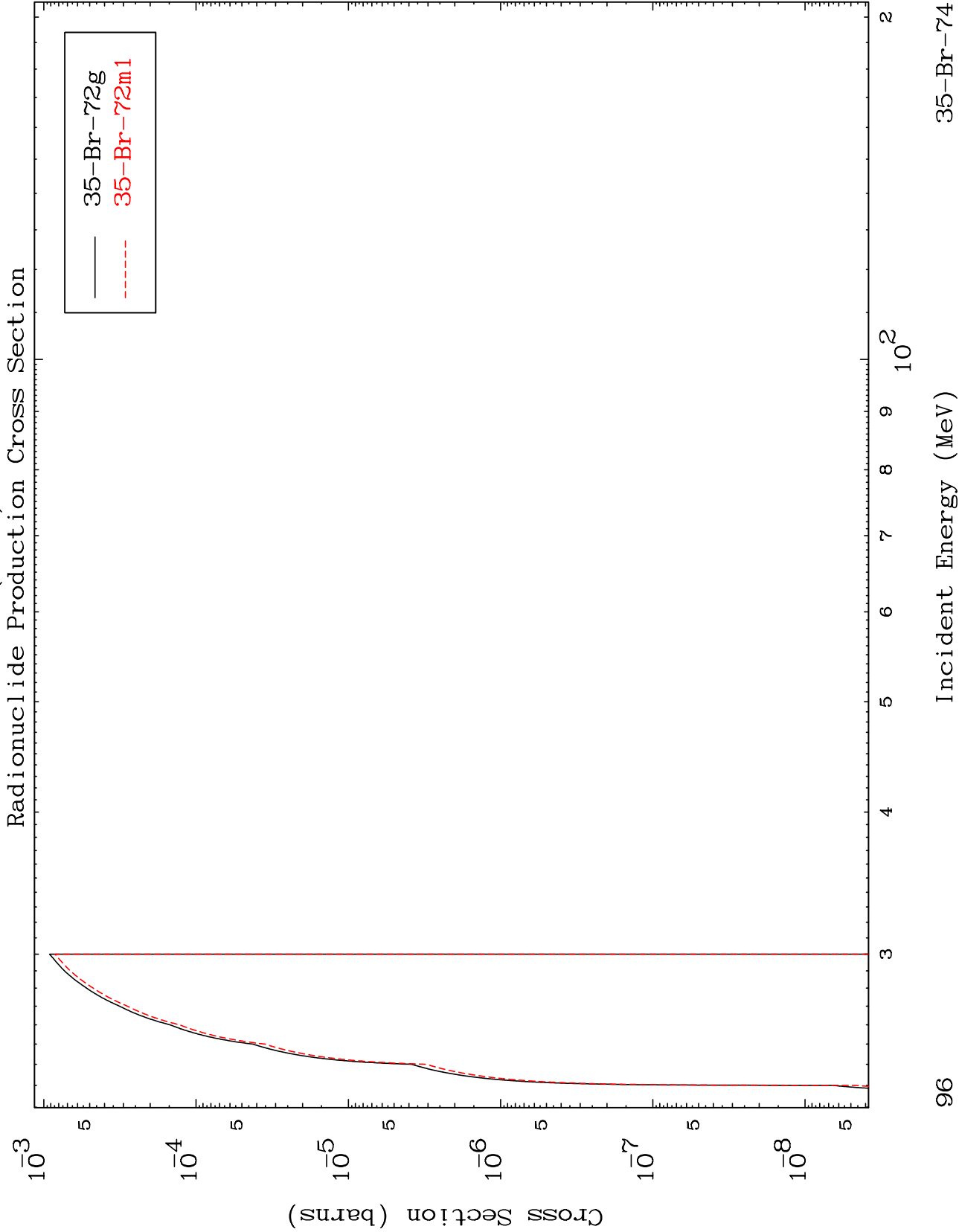
95

³⁵Br-⁷⁴

MAT 3510

(n,3n)

³⁵Br-74



96

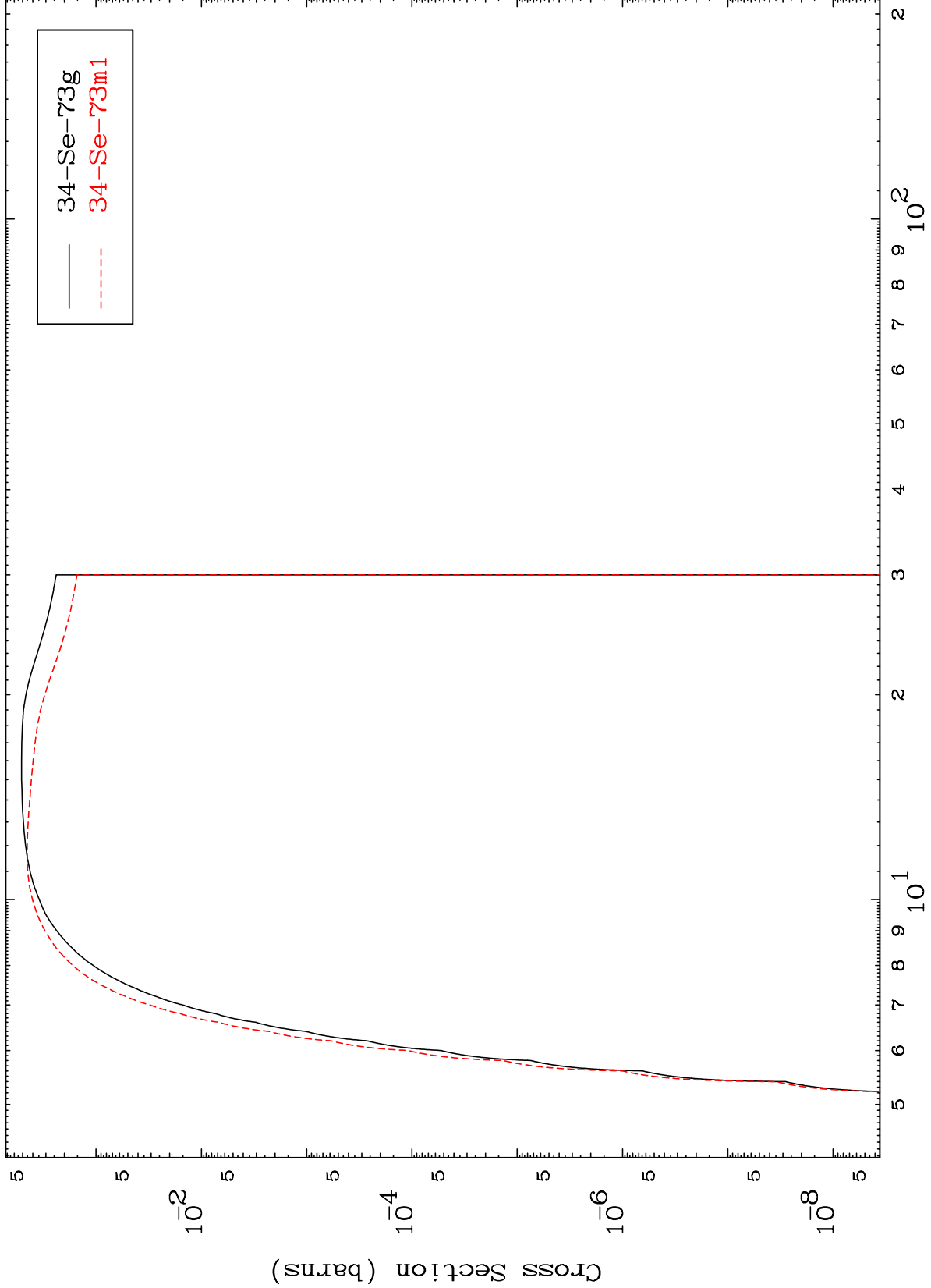
³⁵Br-74

MAT 3510

(n, n') p

$^{35}\text{Br-74}$

Radionuclide Production Cross Section



97

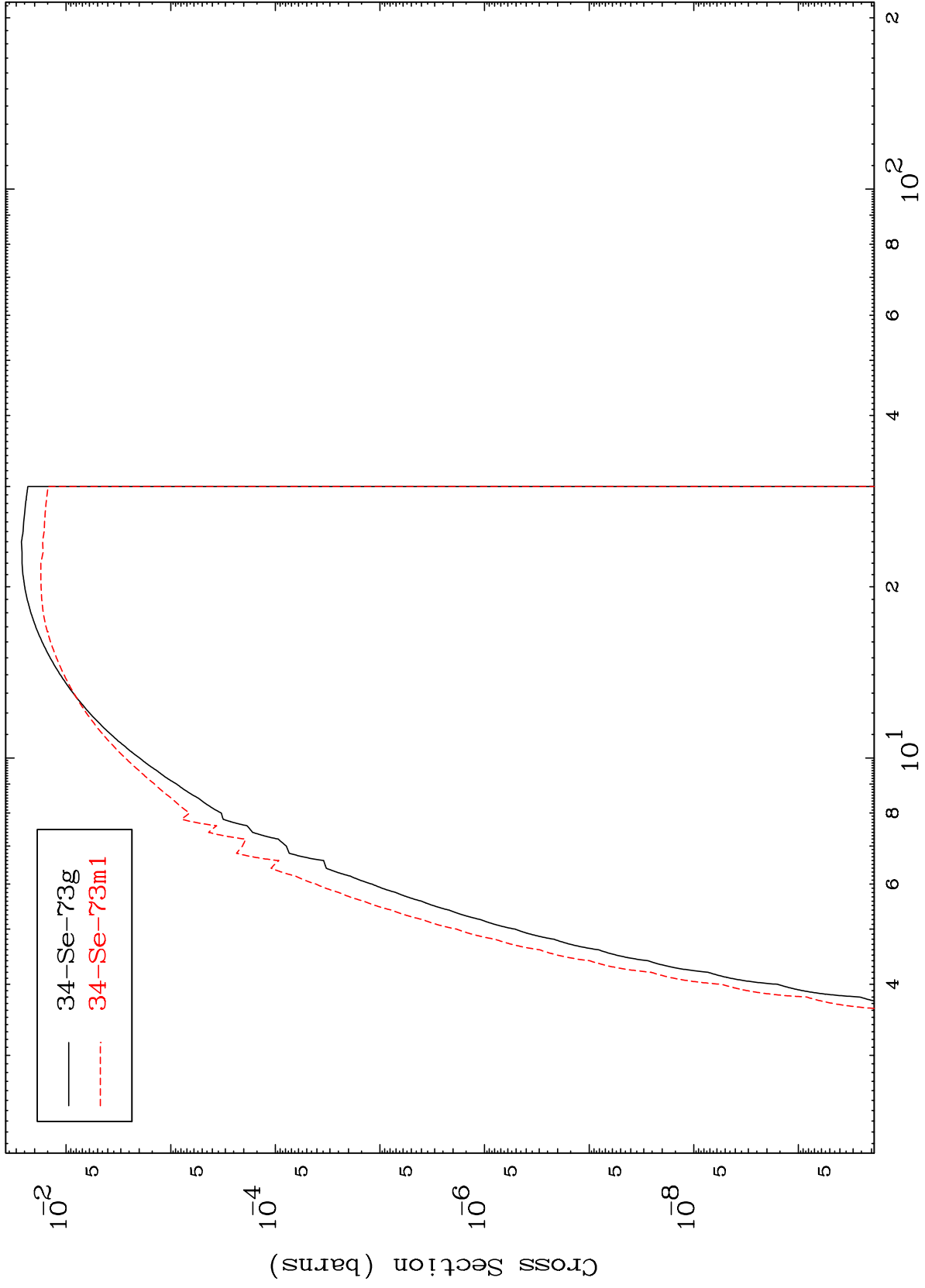
Incident Energy (MeV)

$^{35}\text{Br-74}$

MAT 3510

³⁵Br-74

(n,d)
Radionuclide Production Cross Section



98

³⁵Br-74