

Program EVALPLOT
(Version 2021-1)

by

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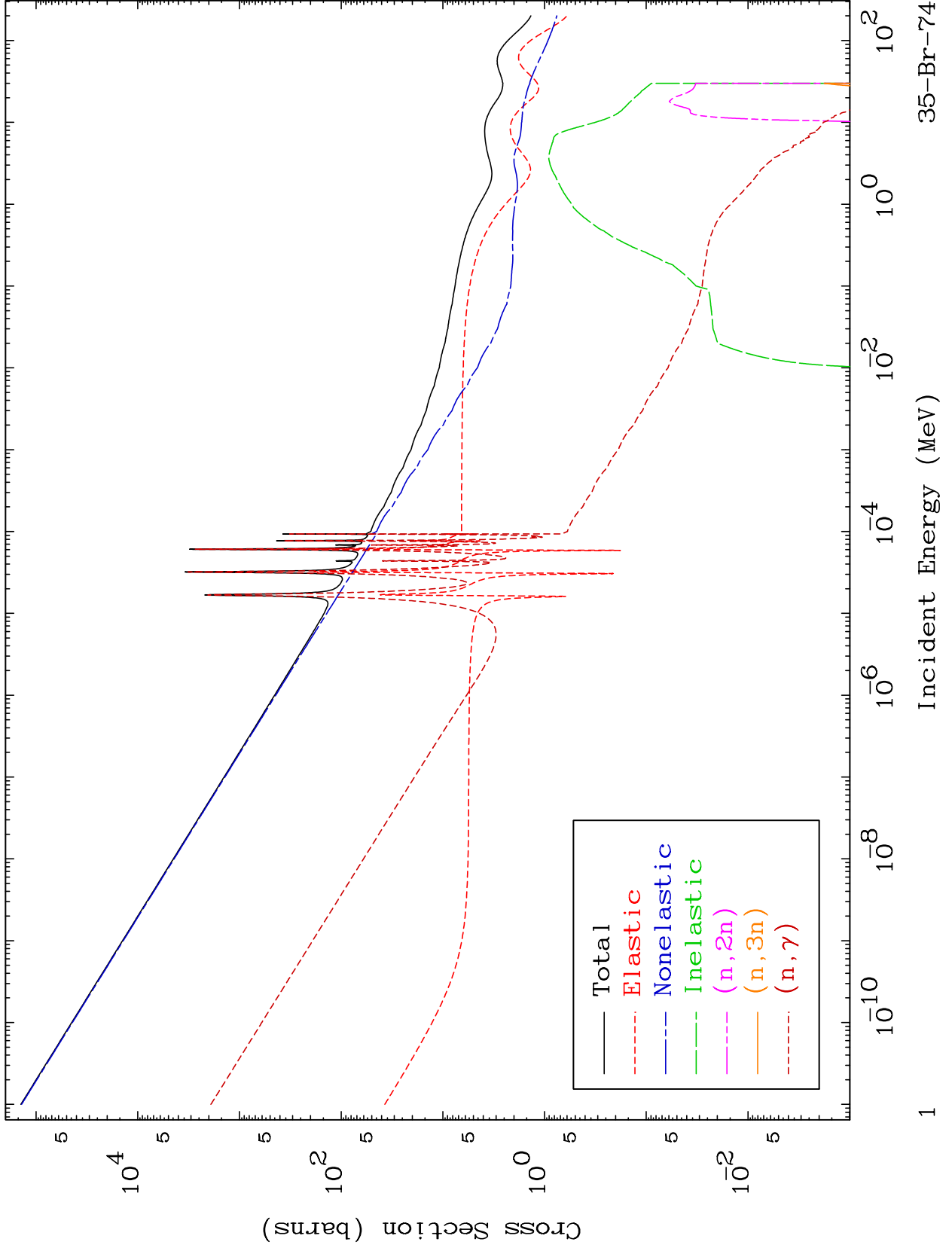
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3510

Neutron Major
293 Kelvin Cross Sections

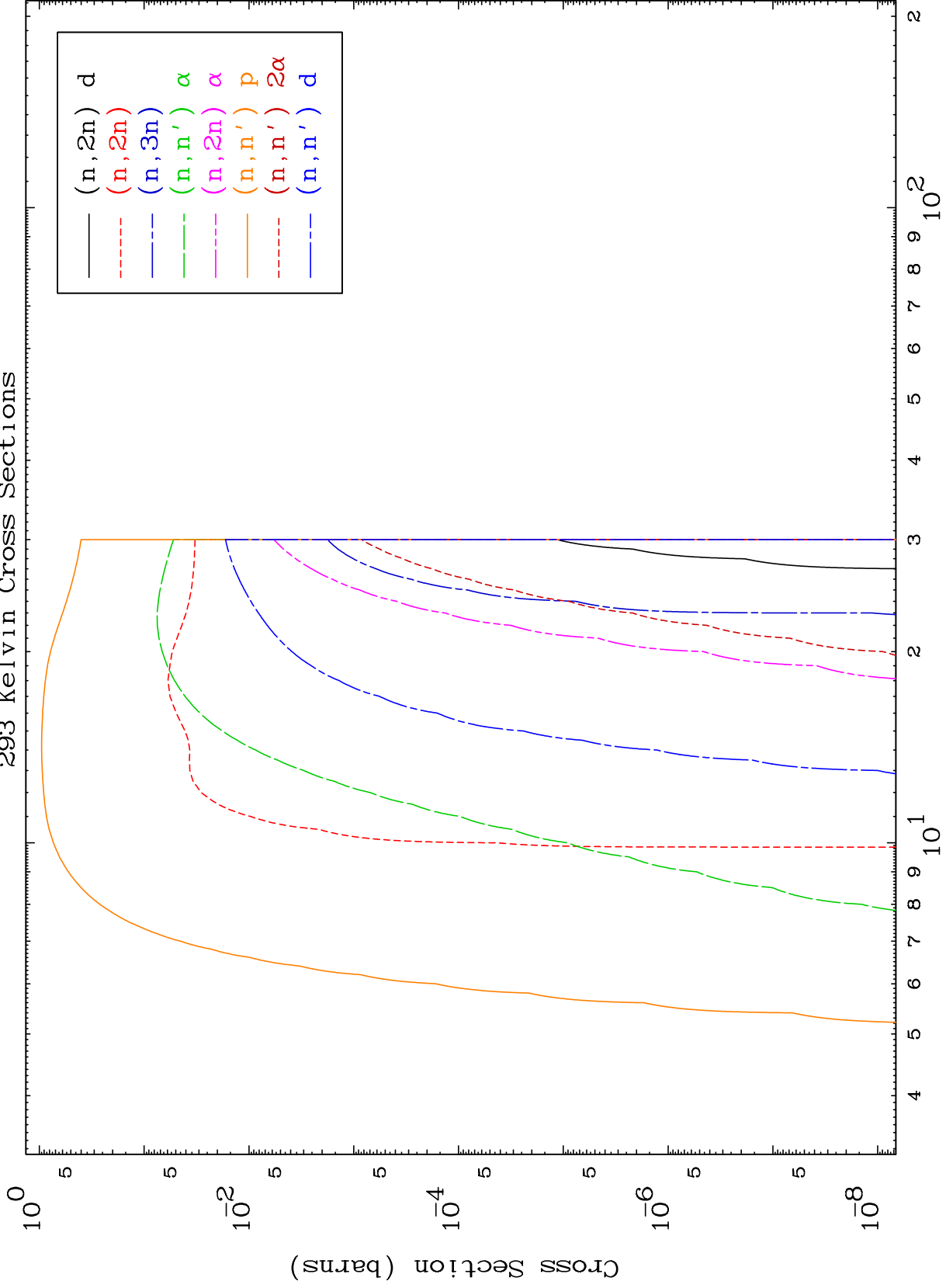
35-Br-74



MAT 3510

Neutron Absorption
293 Kelvin Cross Sections

35-Br-74



2

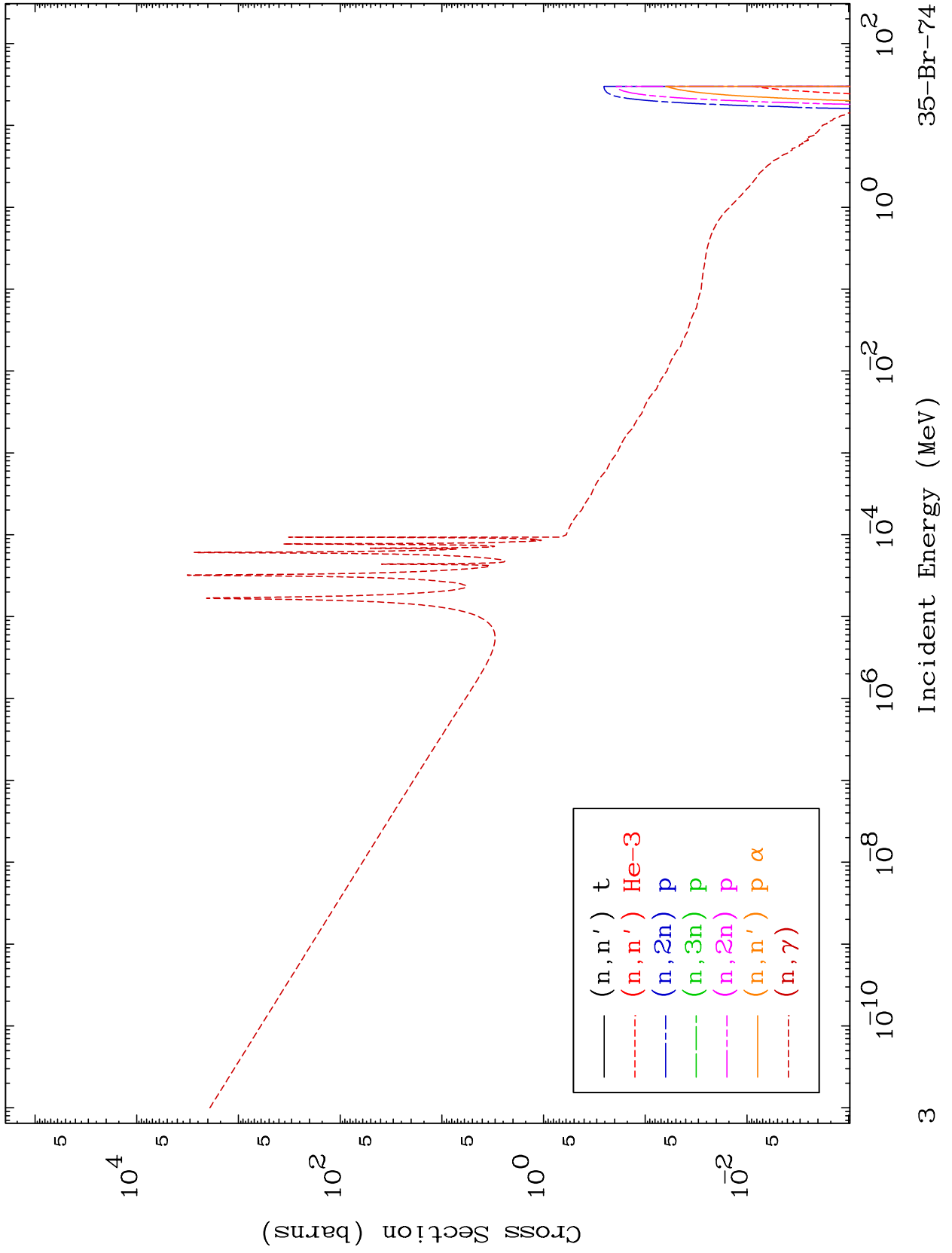
Incident Energy (MeV)

35-Br-74

MAT 3510

Neutron Absorption
293 Kelvin Cross Sections

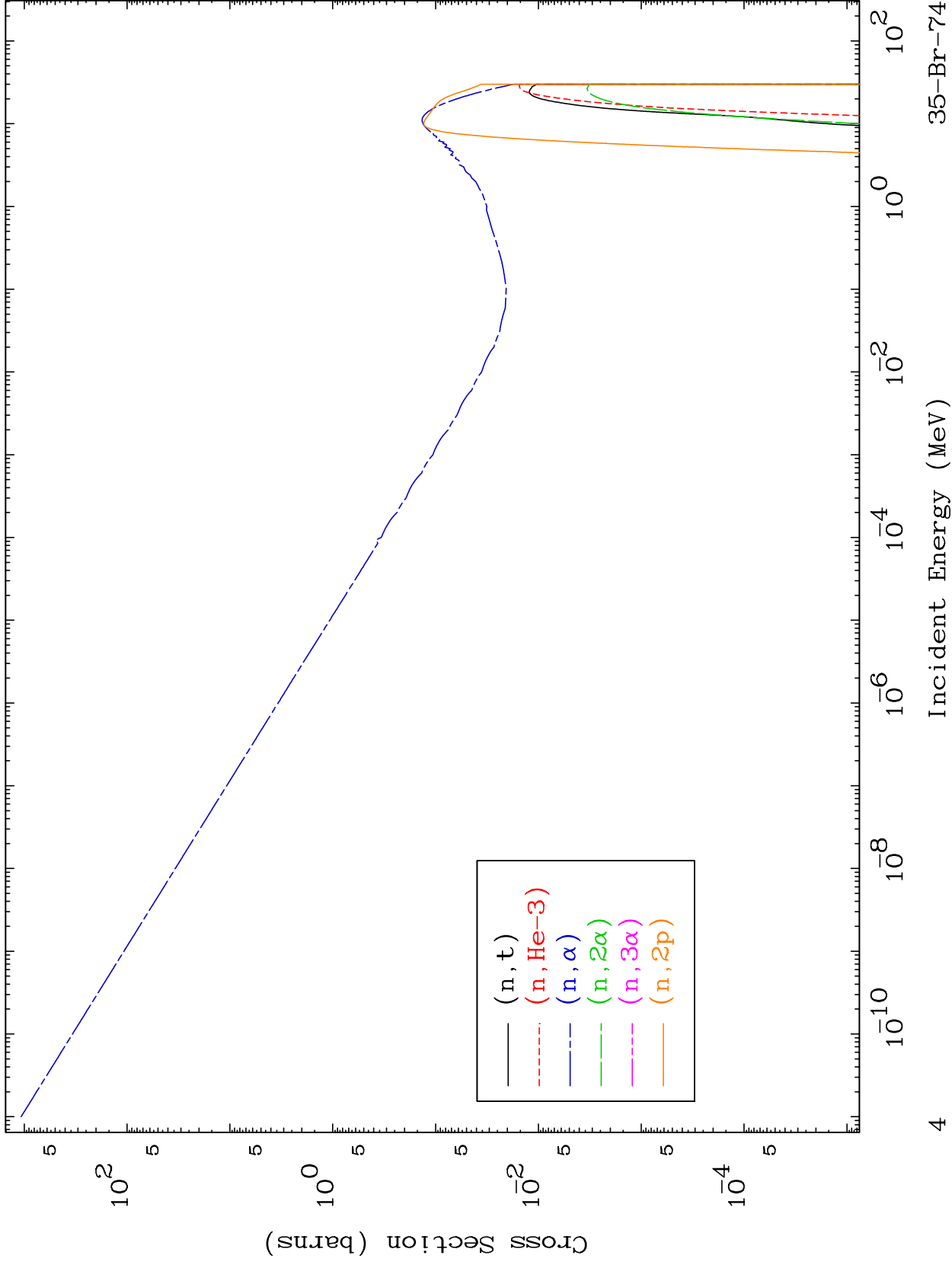
35-Br-74



MAT 3510

Neutron Absorption
293 Kelvin Cross Sections

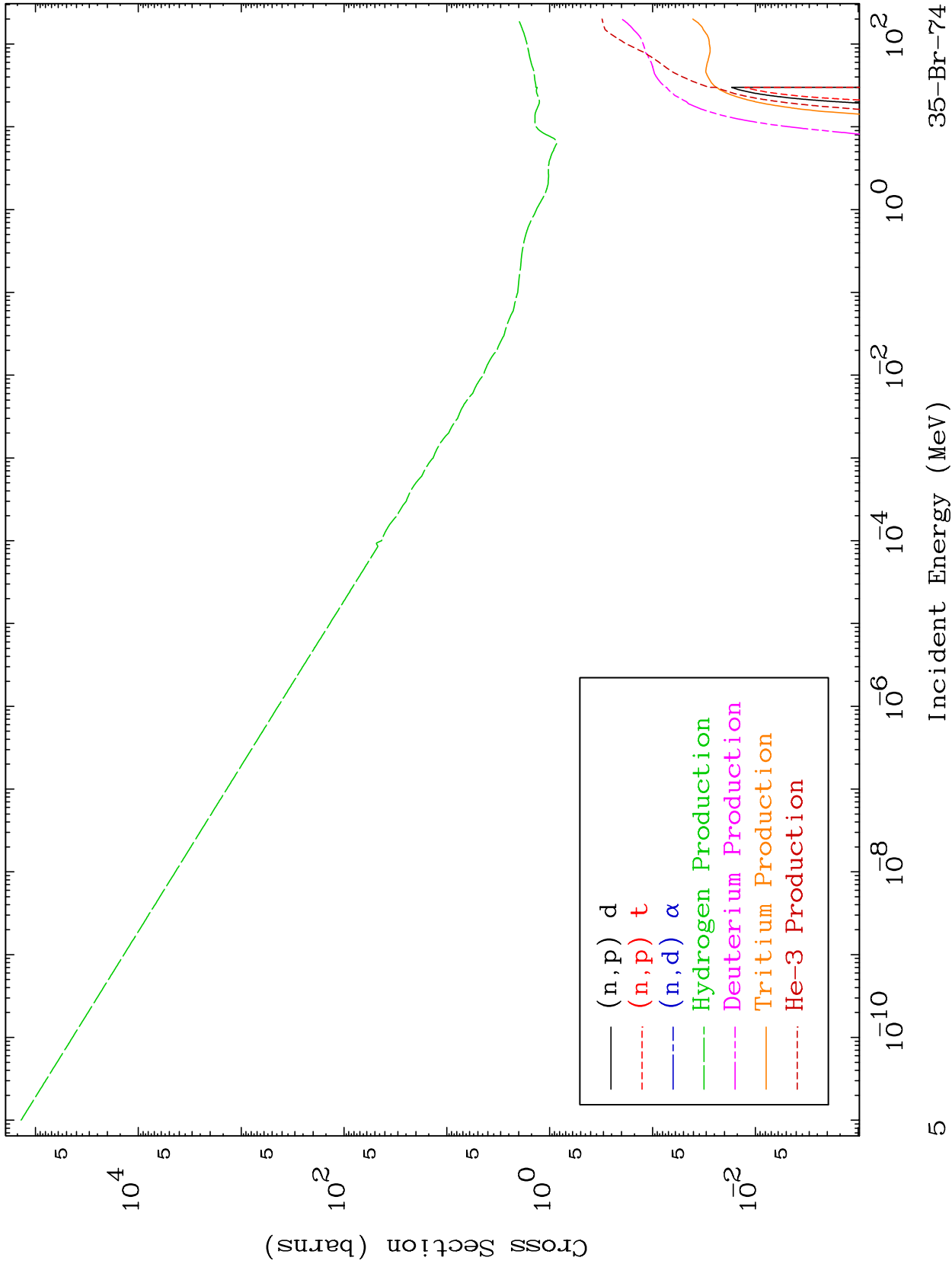
35-Br-74



MAT 3510

Neutron Absorption
293 Kelvin Cross Sections

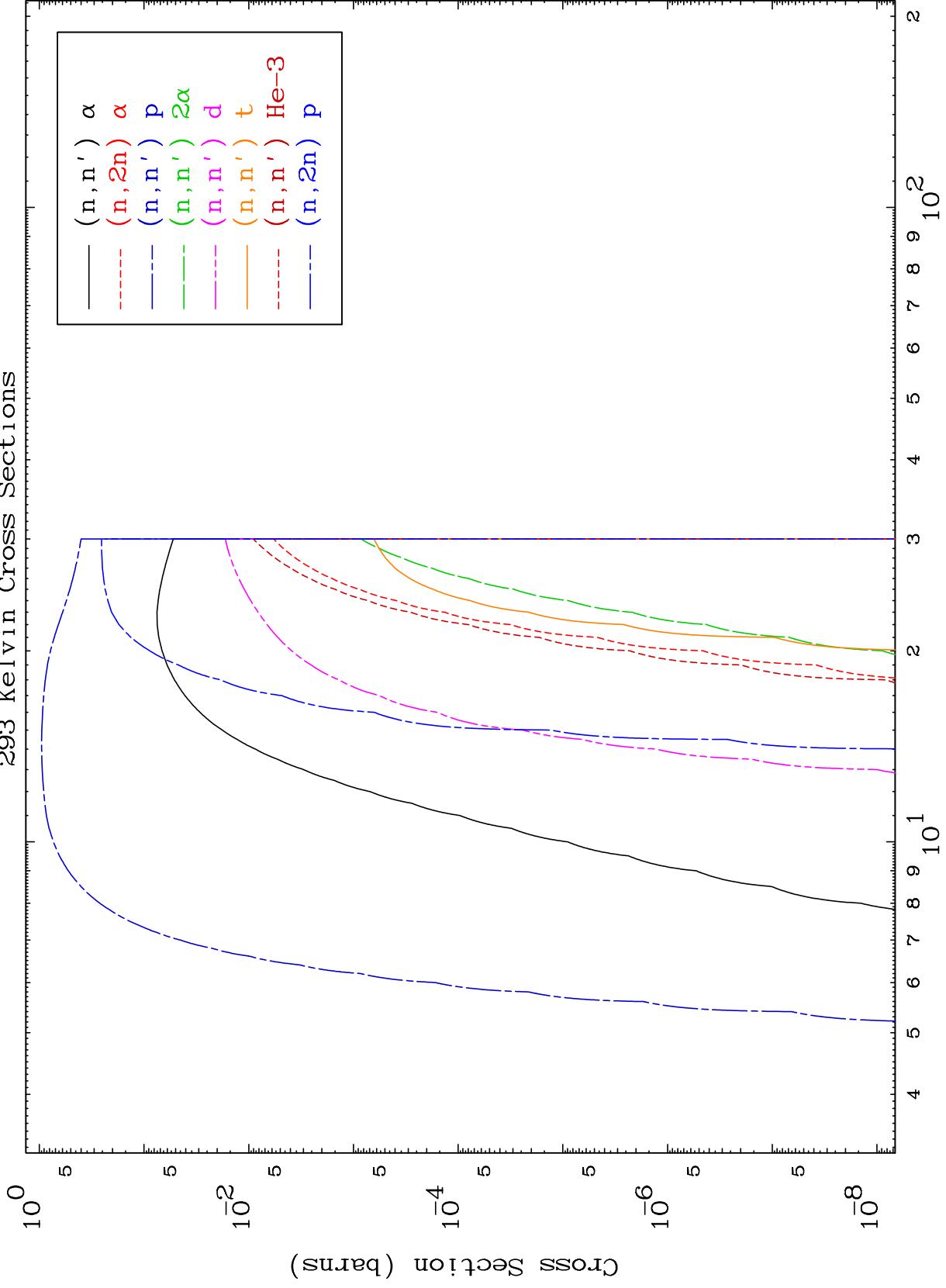
35-Br-74



MAT 3510

Charged Particle
293 Kelvin Cross Sections

35-Br-74



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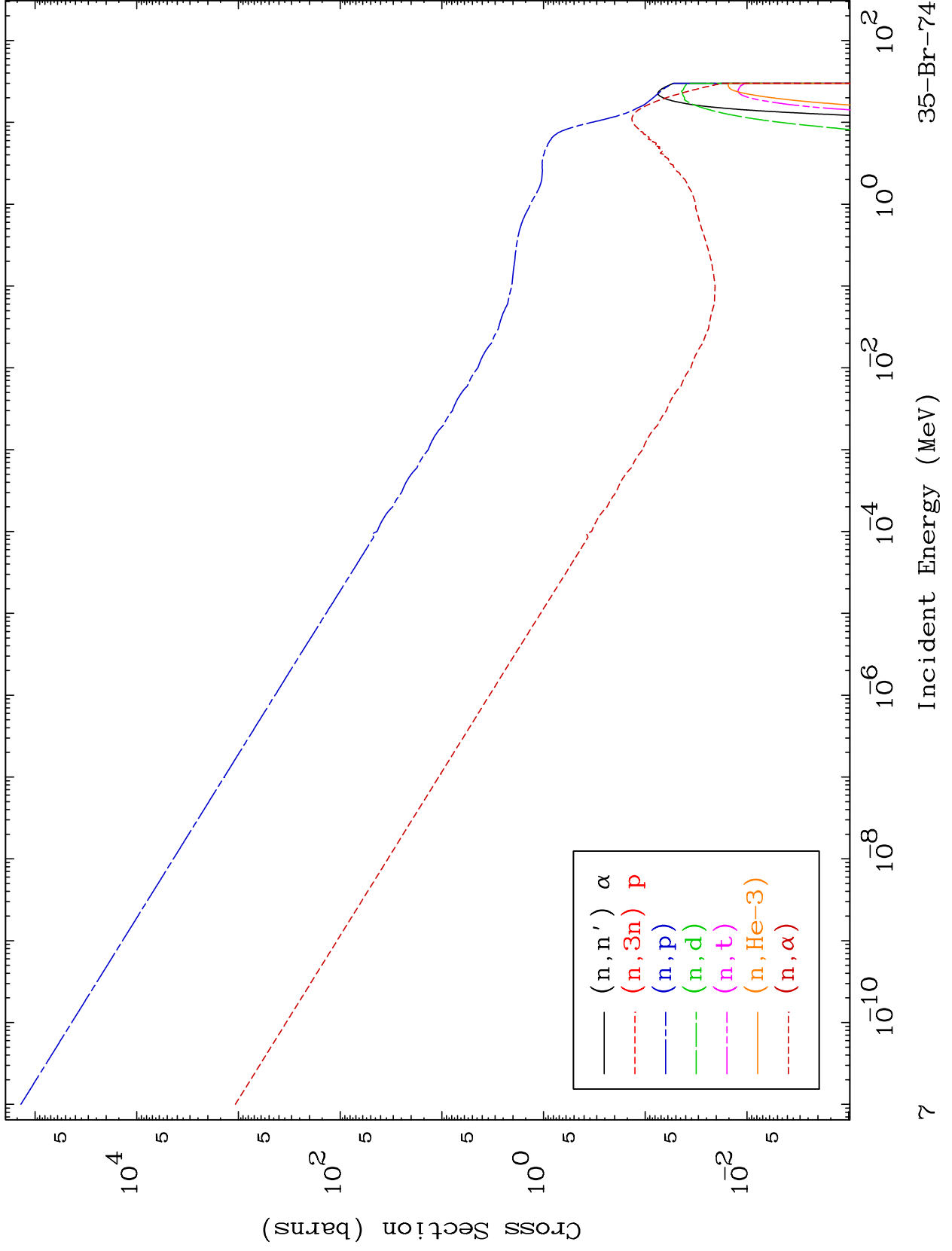
Incident Energy (MeV)

35-Br-74

MAT 3510

Charged Particle
293 Kelvin Cross Sections

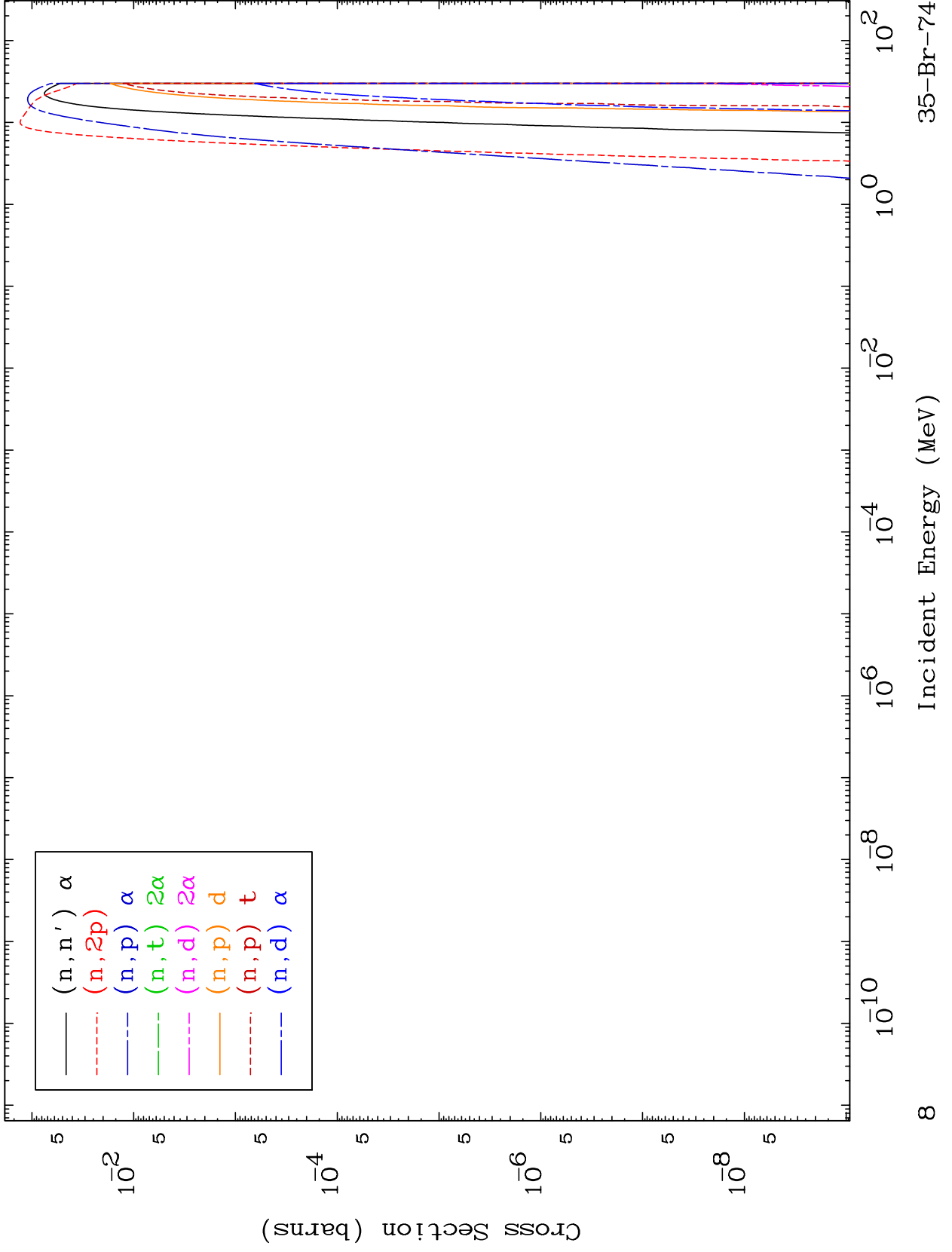
35-Br-74



MAT 3510

Charged Particle
293 Kelvin Cross Sections

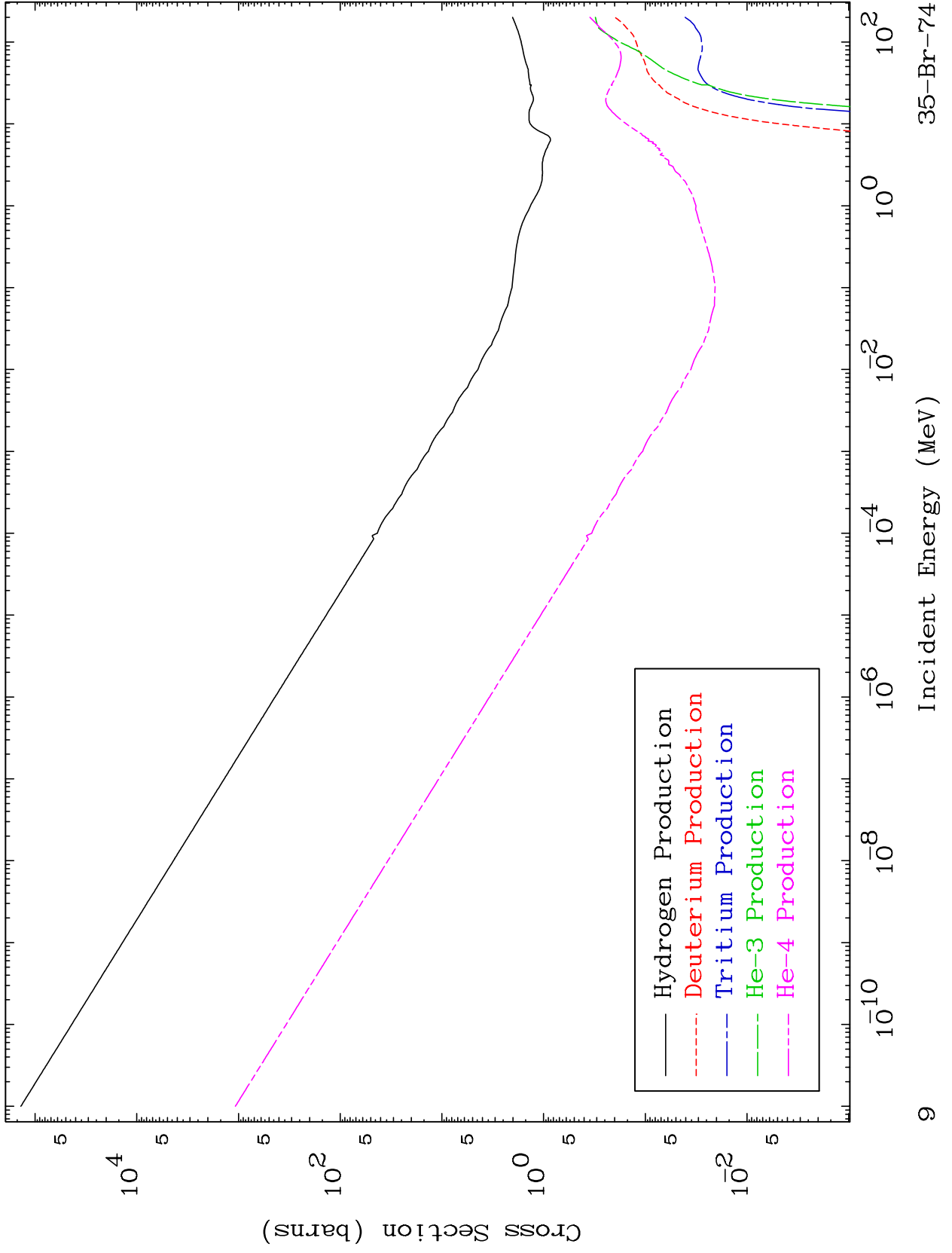
35-Br-74



MAT 3510

Particle Production
293 Kelvin Cross Sections

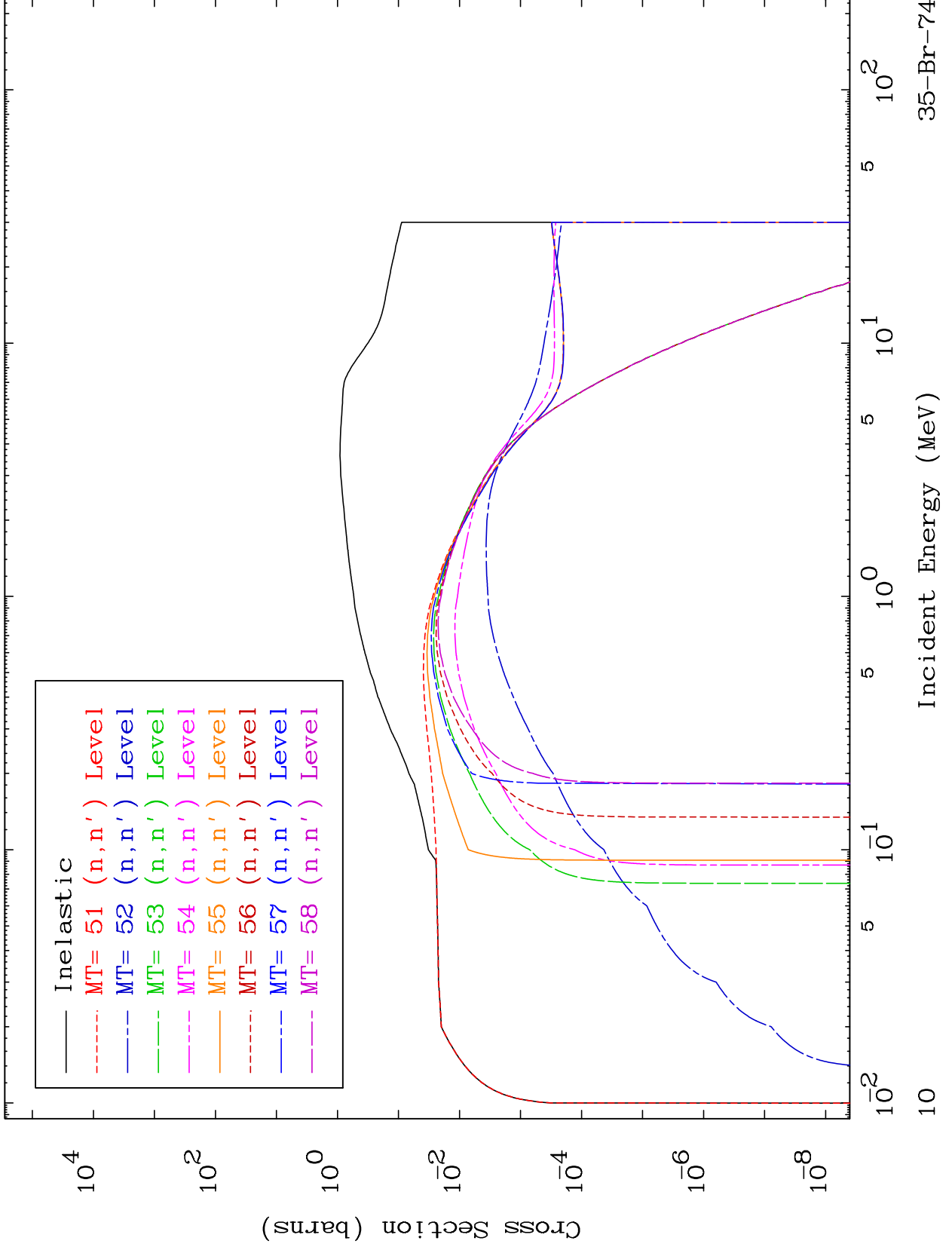
35-Br-74



MAT 3510

(n,n') Levels
293 Kelvin Cross Sections

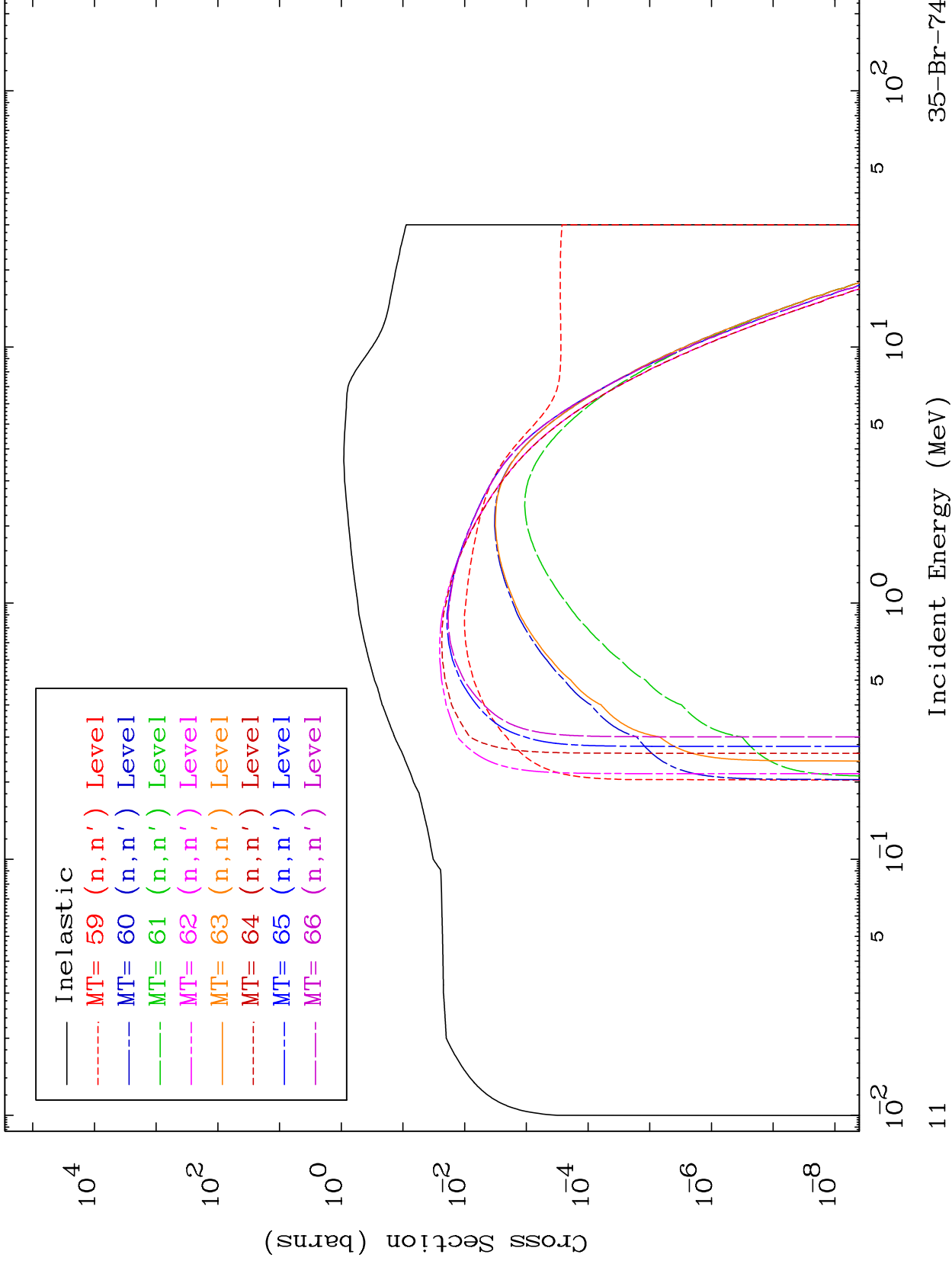
35-Br-74



MAT 3510

(n,n') Levels
293 Kelvin Cross Sections

35-Br-74



35-Br-74

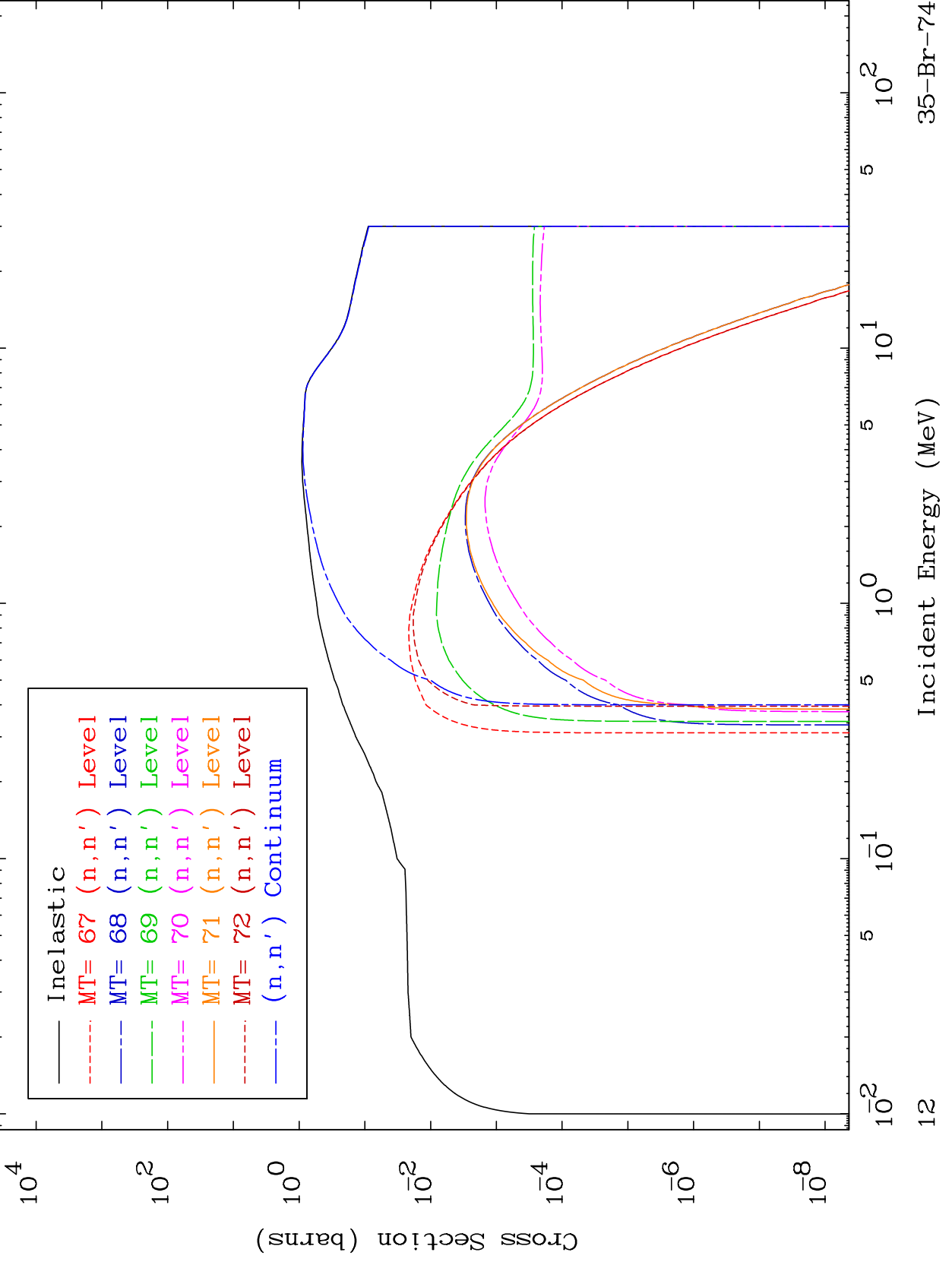
Incident Energy (MeV)

11

MAT 3510

(n,n') Levels
293 Kelvin Cross Sections

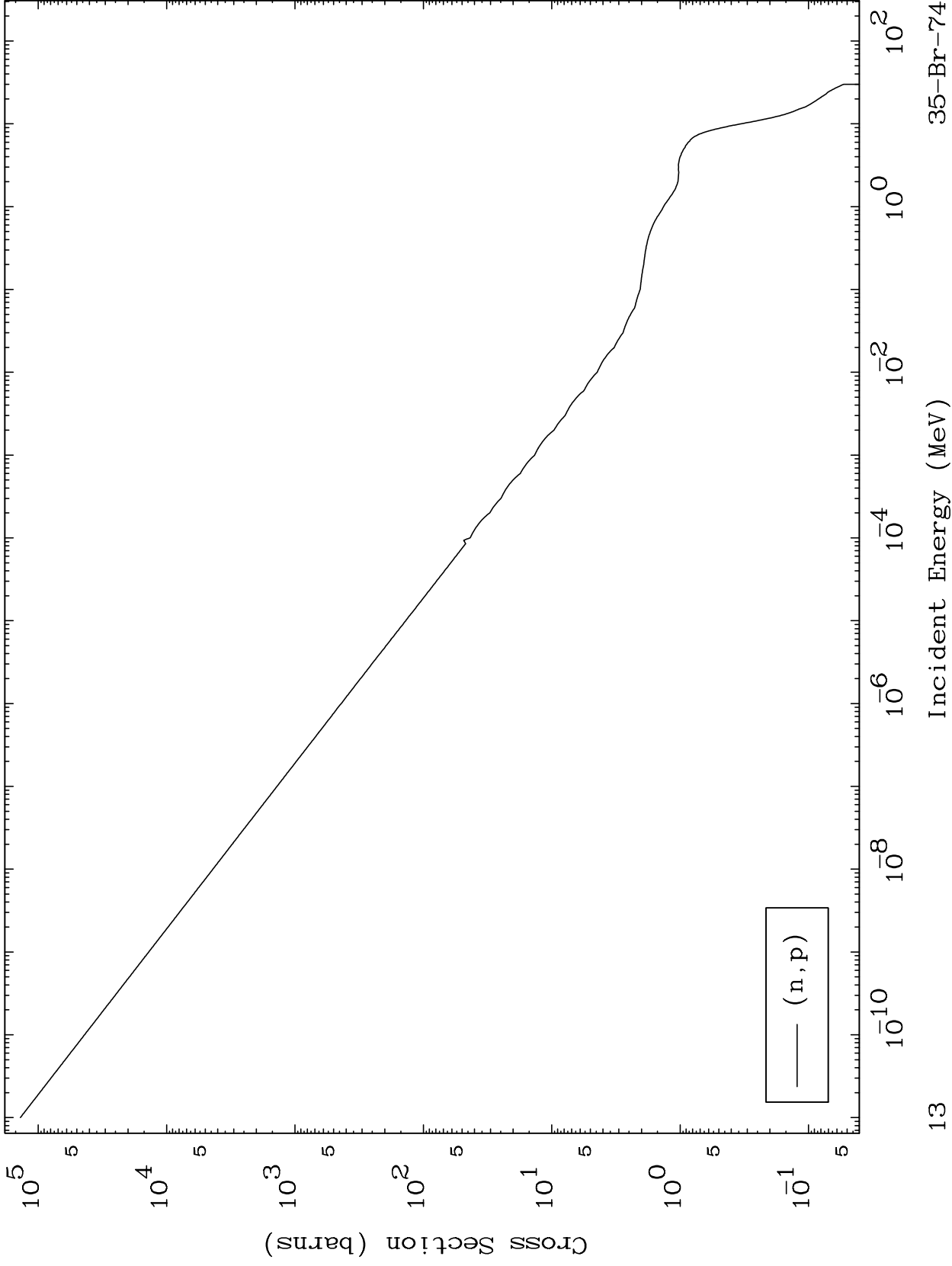
35-Br-74



MAT 3510

(n,p) Levels
293 Kelvin Cross Sections

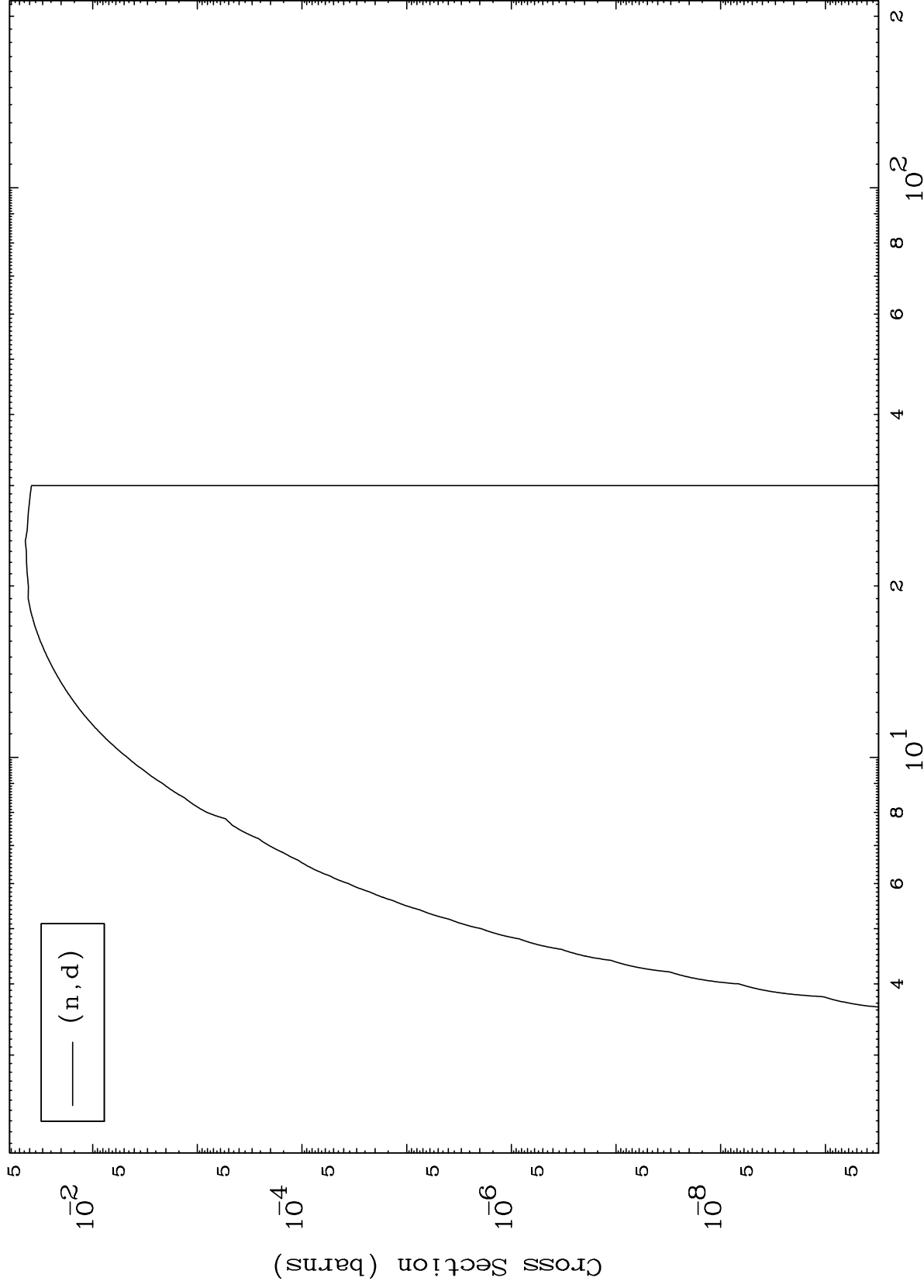
35-Br-74



MAT 3510

(n,d) Levels
293 Kelvin Cross Sections

35-Br-74



(n,d)

14

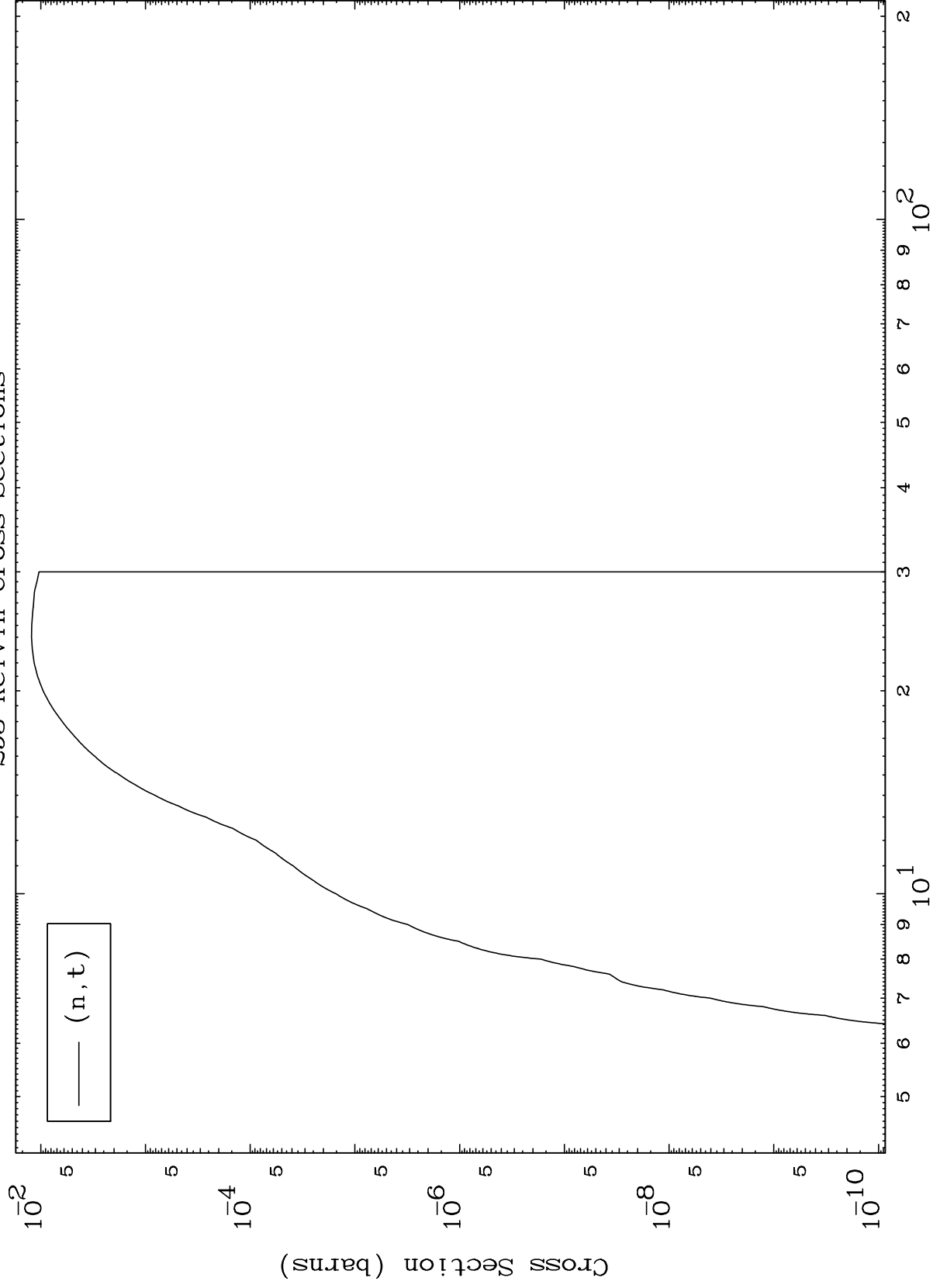
Incident Energy (MeV)

35-Br-74

MAT 3510

(n,t) Levels
293 Kelvin Cross Sections

35-Br-74



15

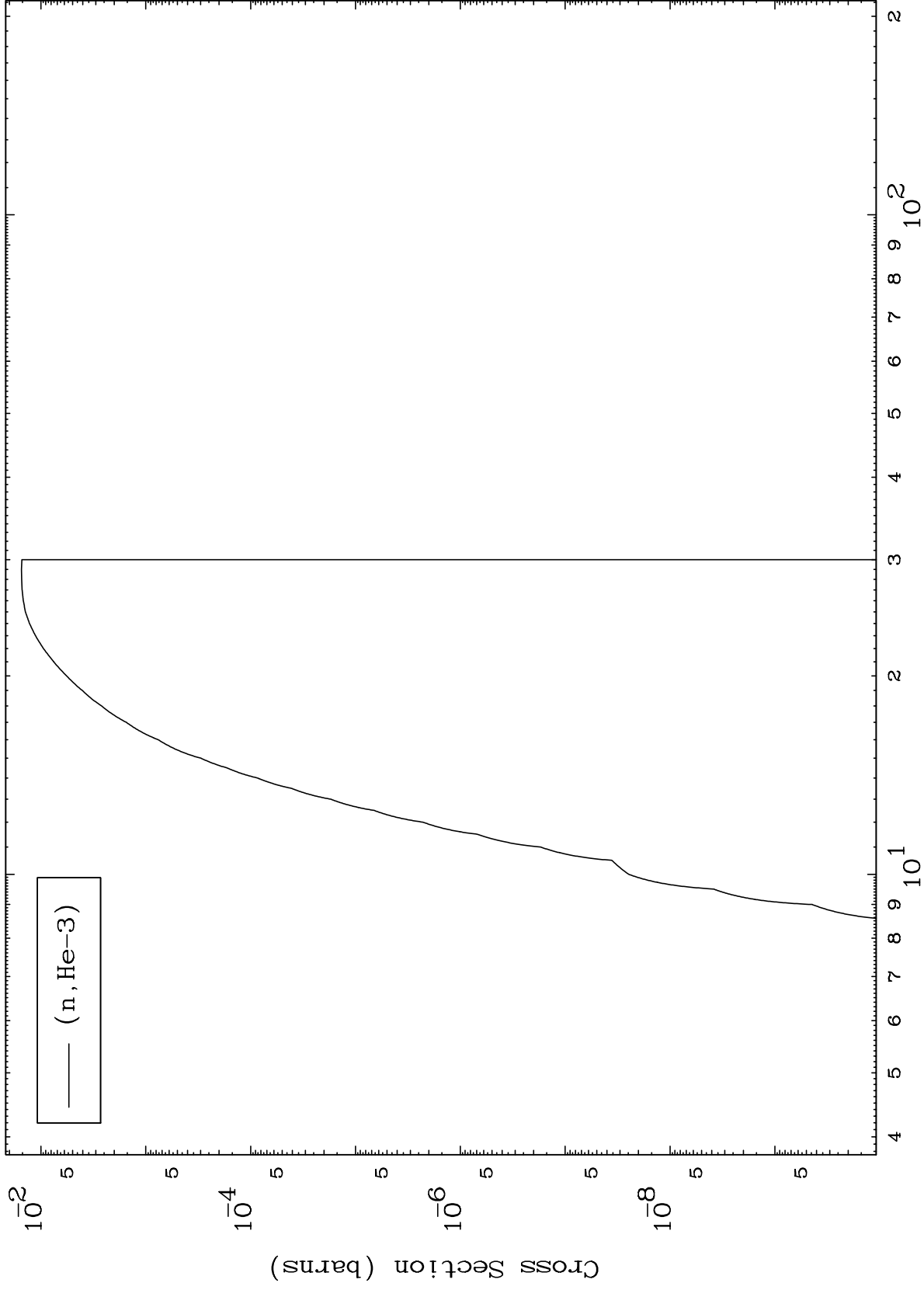
Incident Energy (MeV)

35-Br-74

MAT 3510

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-74



16

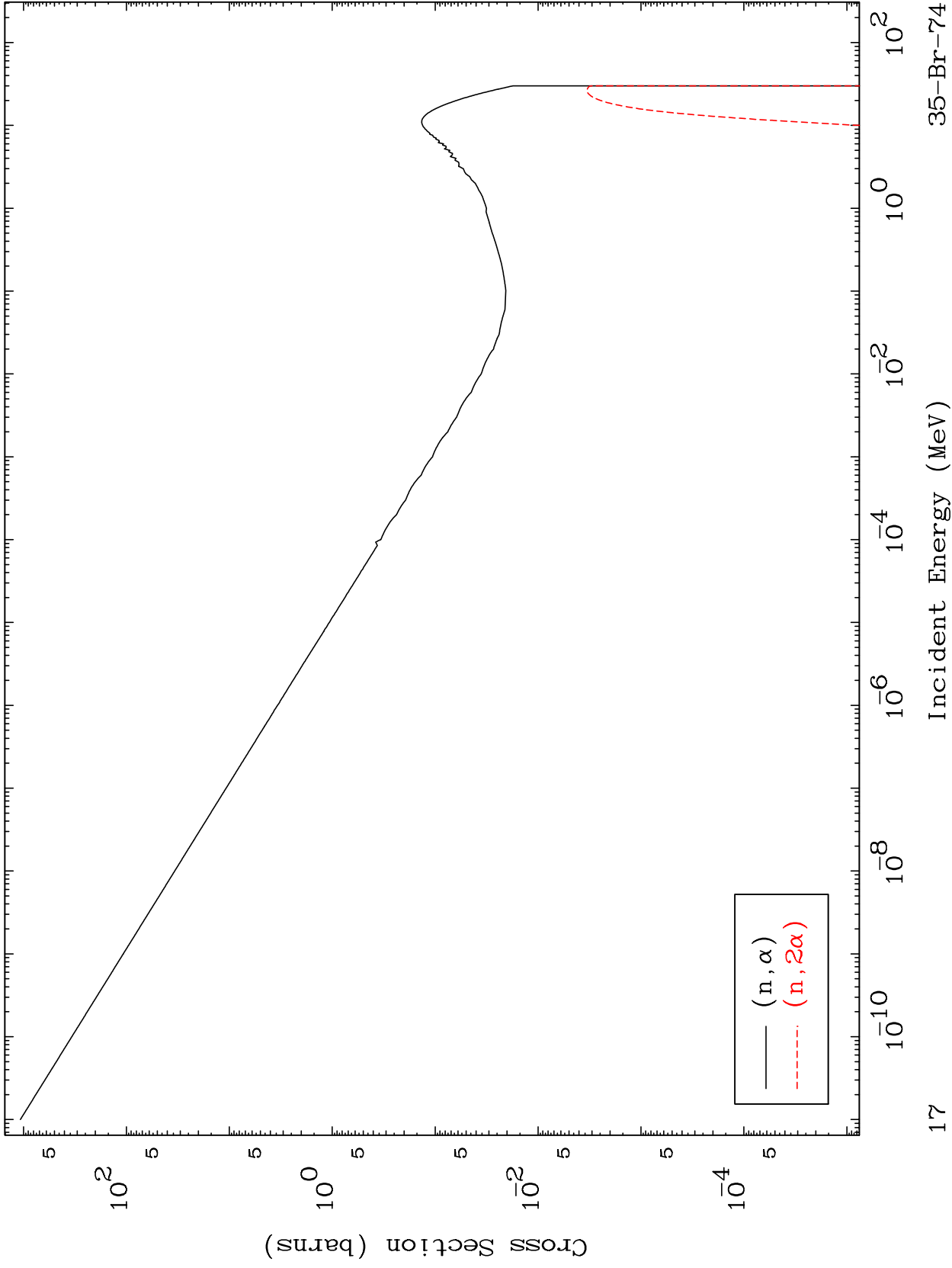
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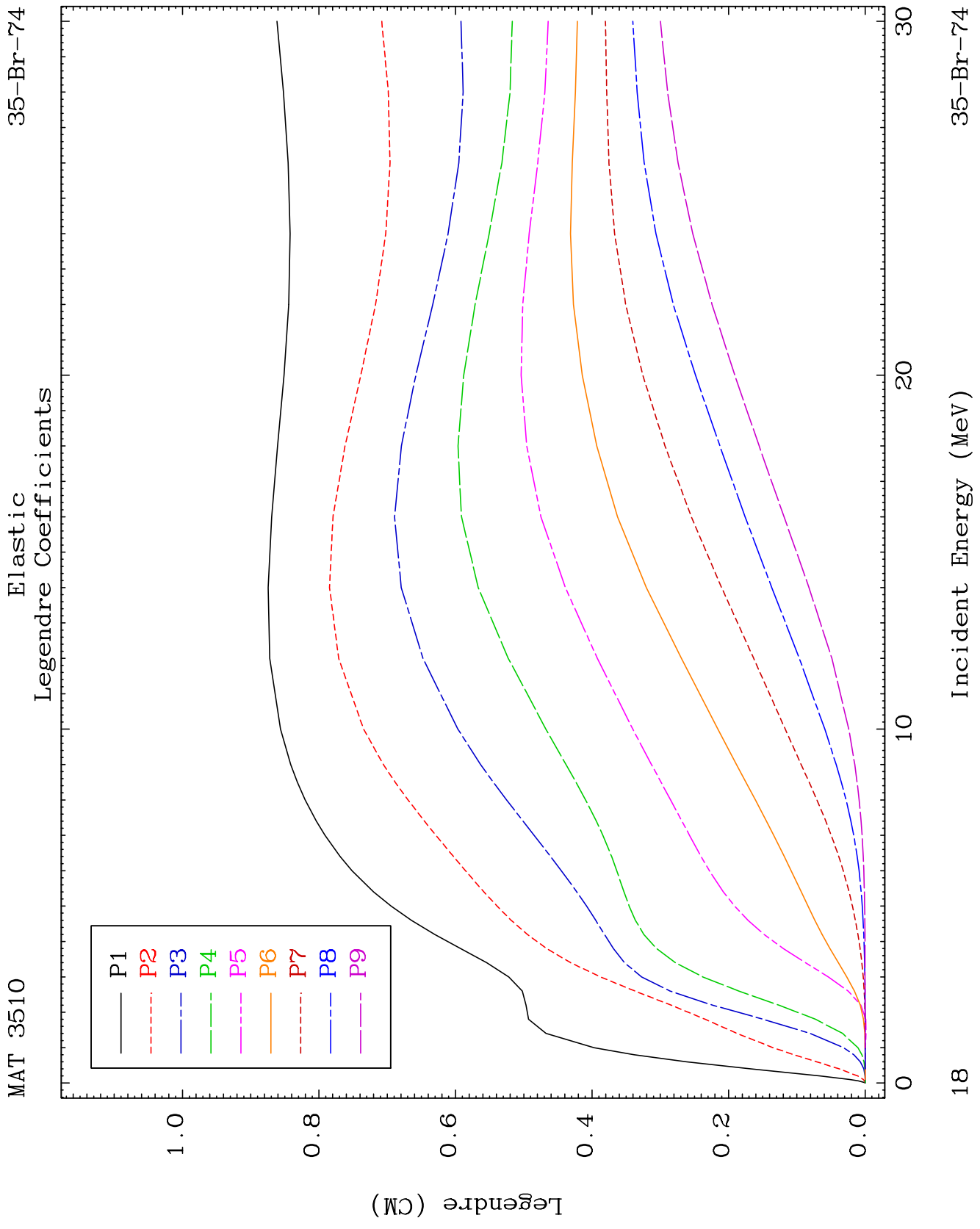
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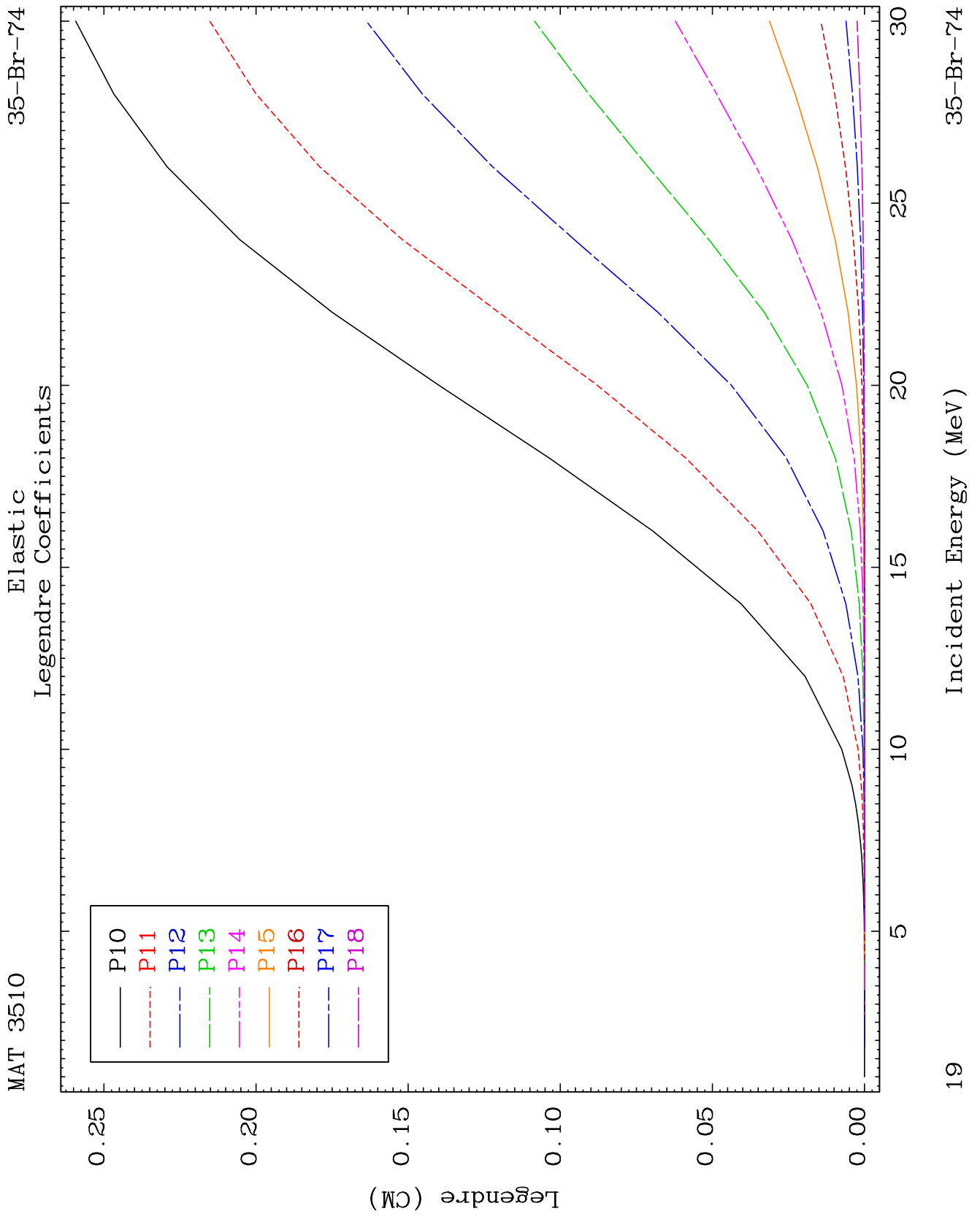
MAT 3510

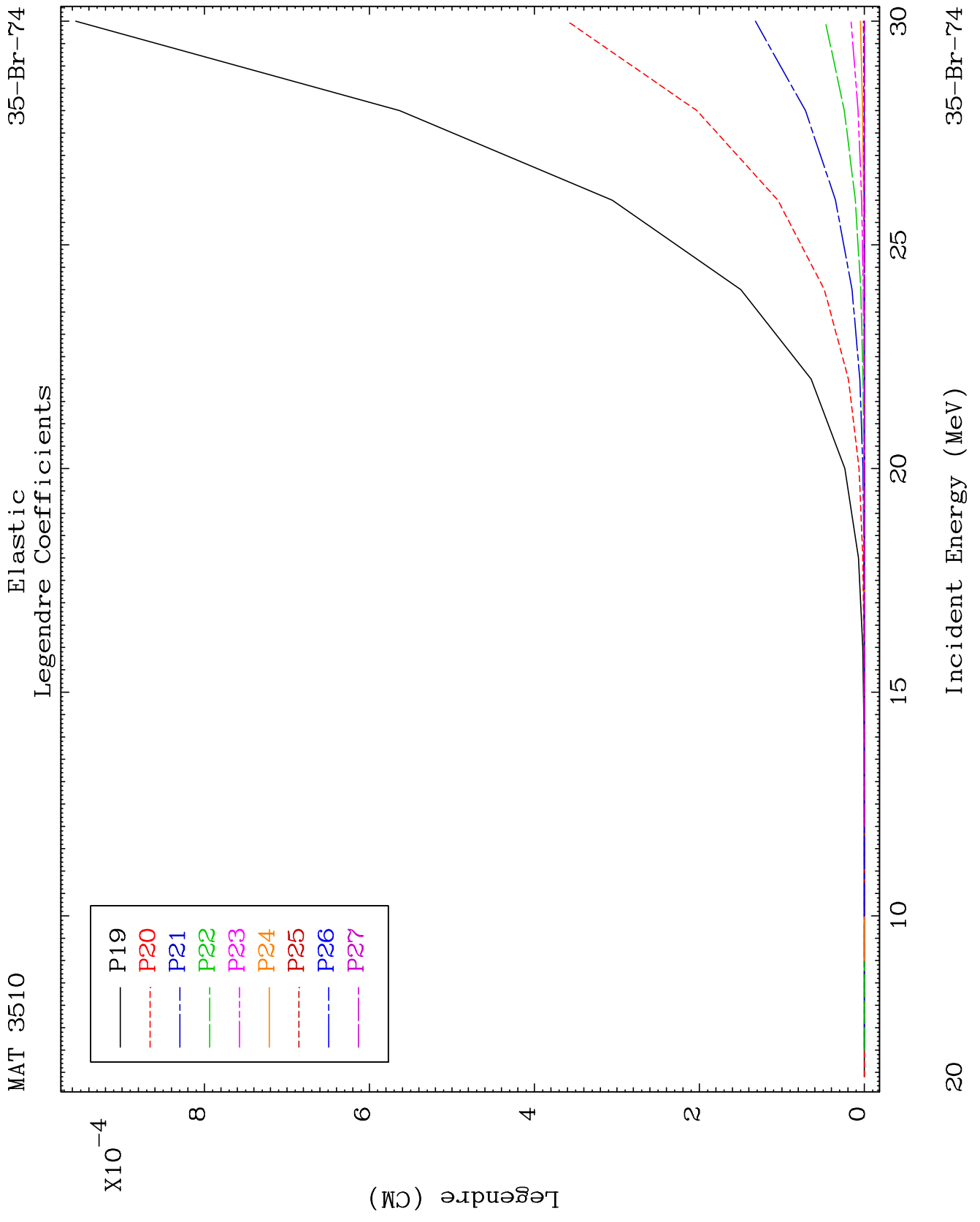
(n,α) Levels
293 Kelvin Cross Sections

35-Br-74





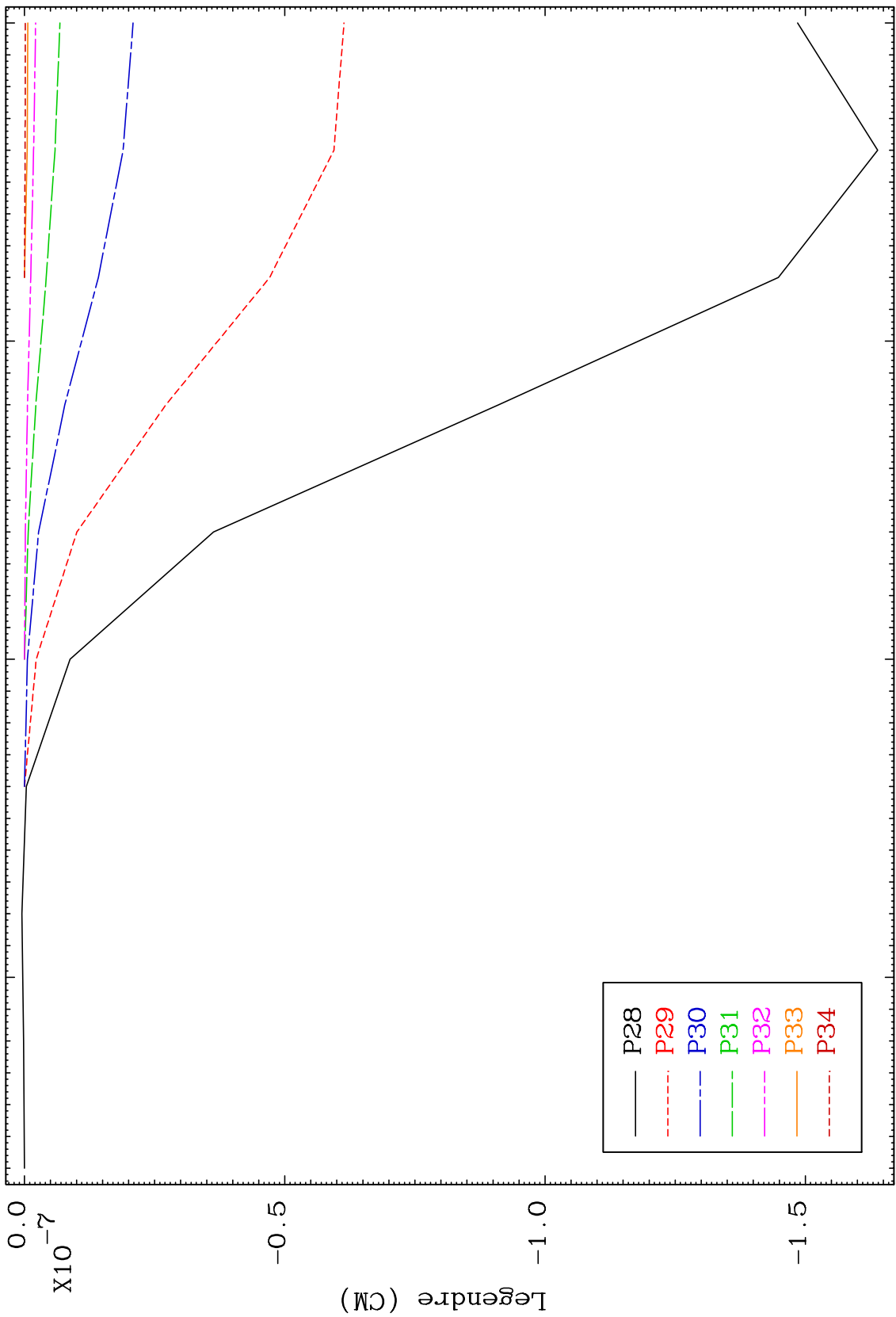




MAT 3510

35-Br-74

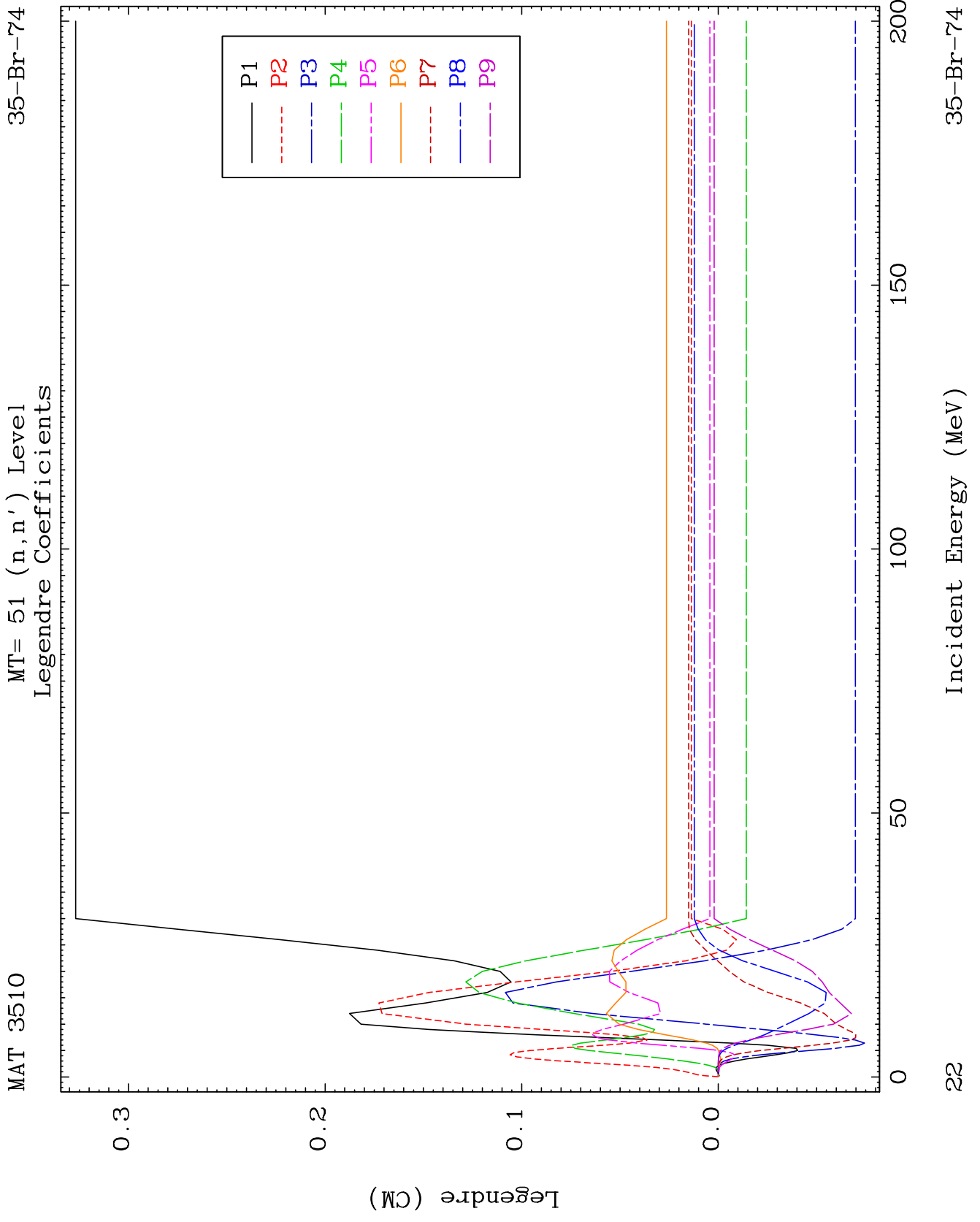
Elastic Legendre Coefficients



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Incident Energy (MeV)

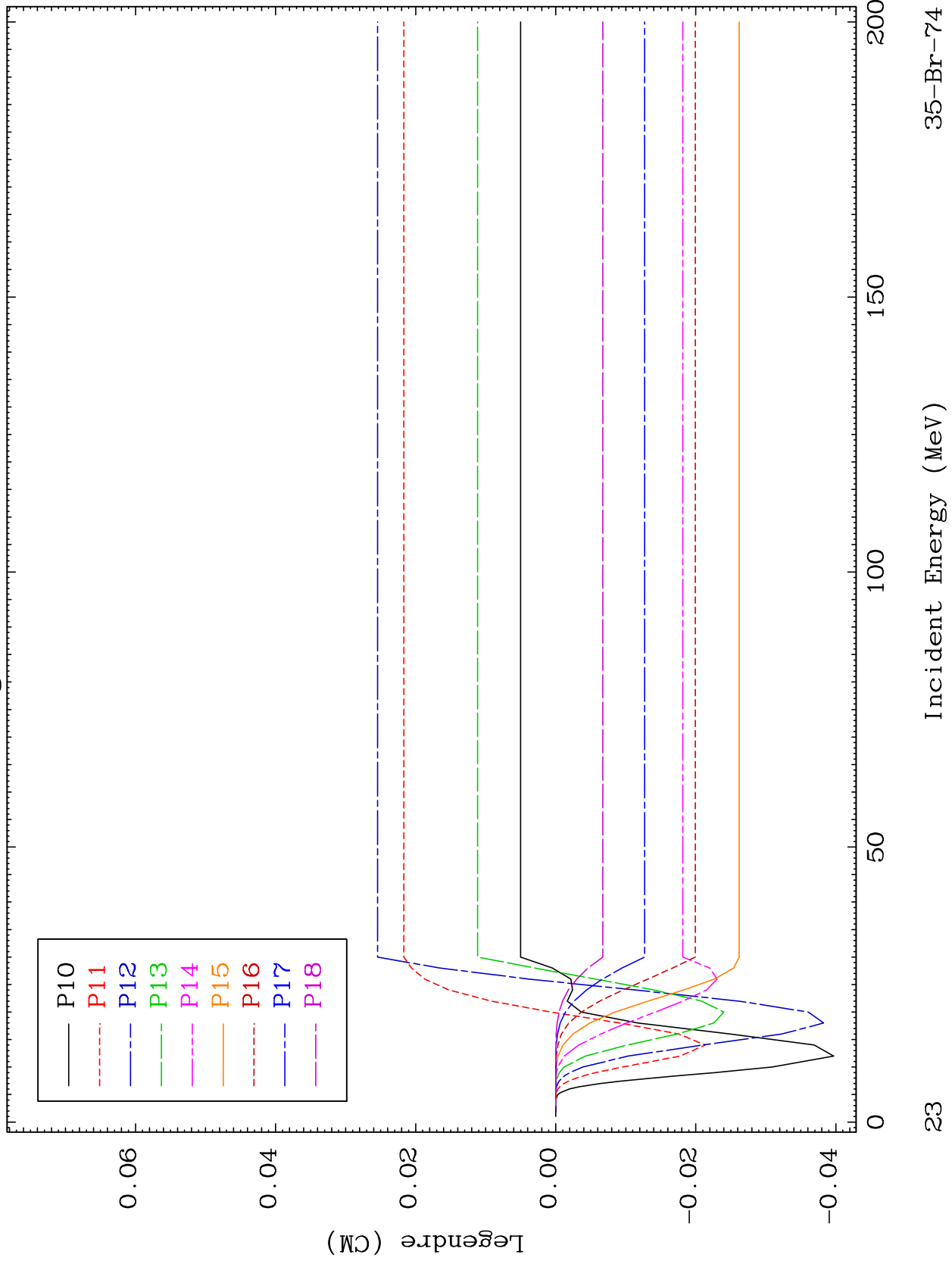
35-Br-74



MAT 3510

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

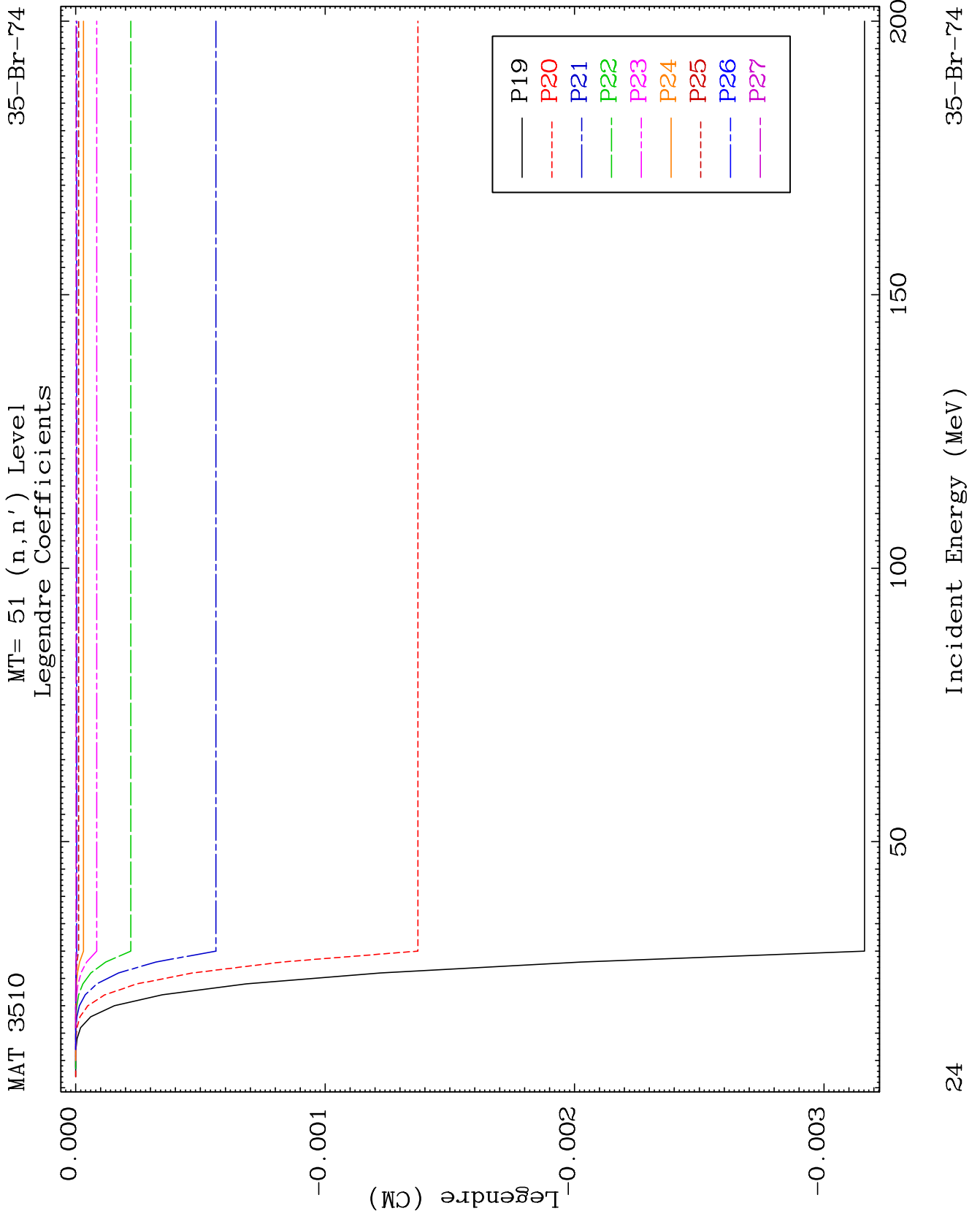
35-Br-74



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Incident Energy (MeV)

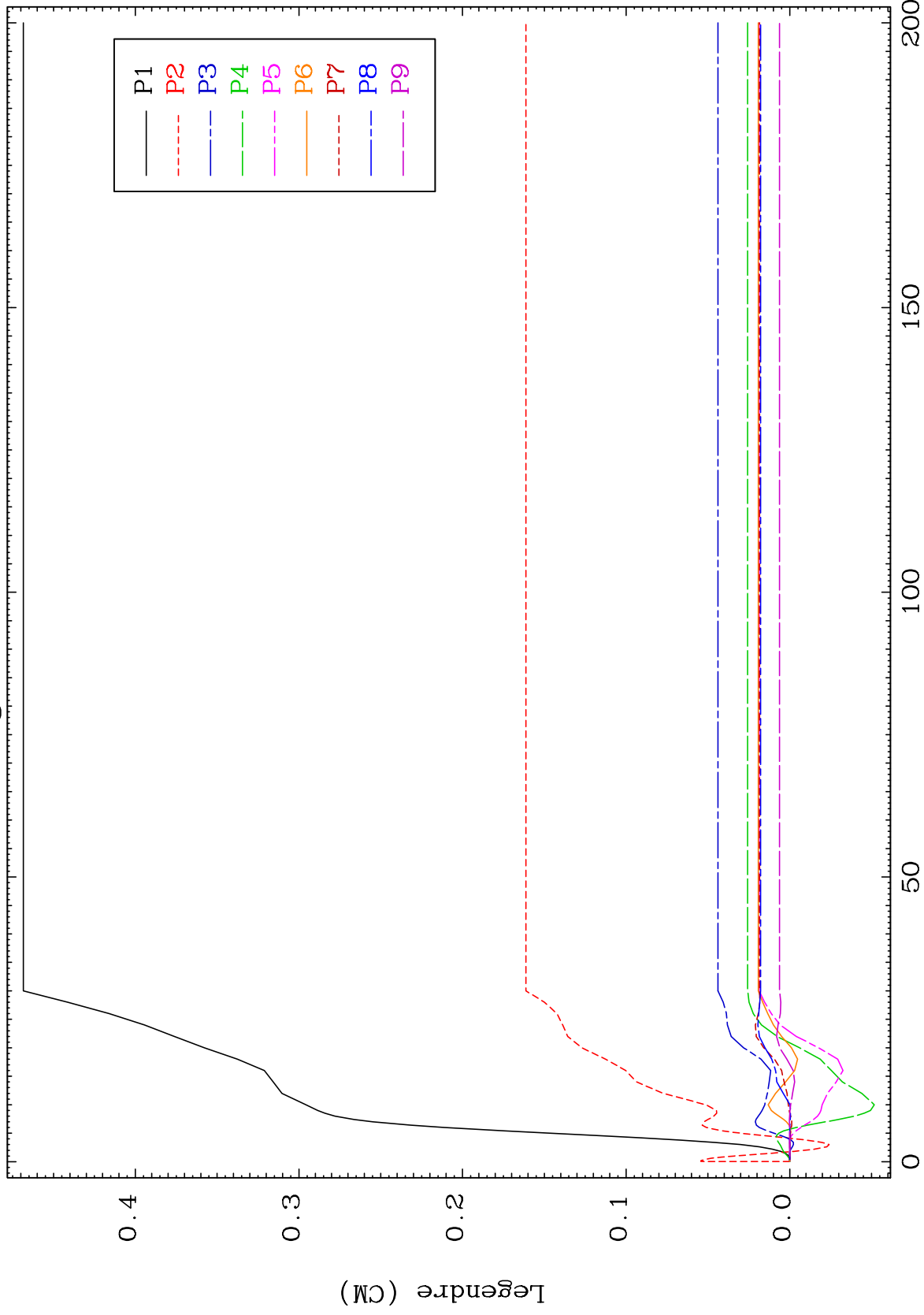
35-Br-74



MAT 3510

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

35-Br-74



26

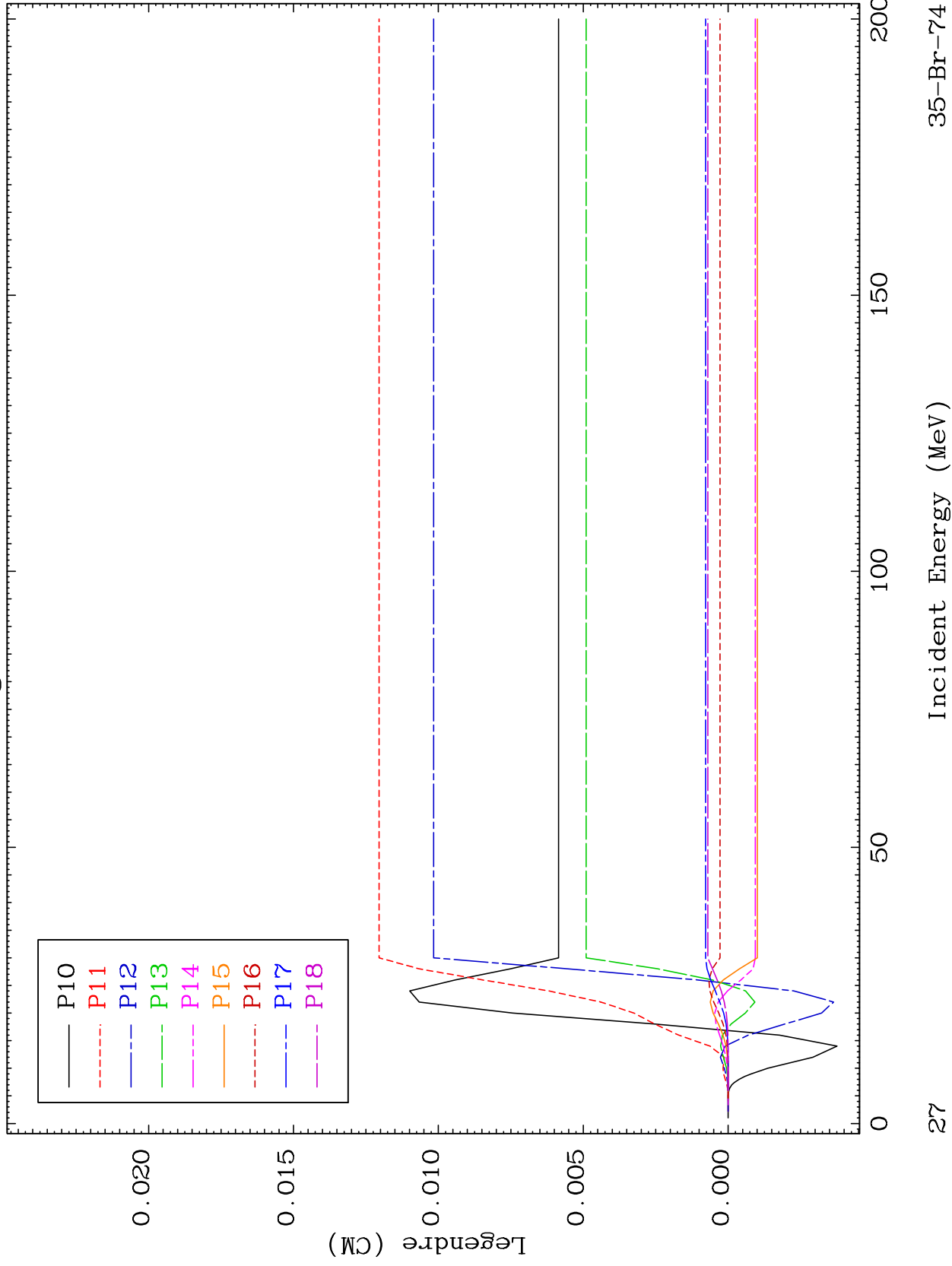
Incident Energy (MeV)

35-Br-74

MAT 3510

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

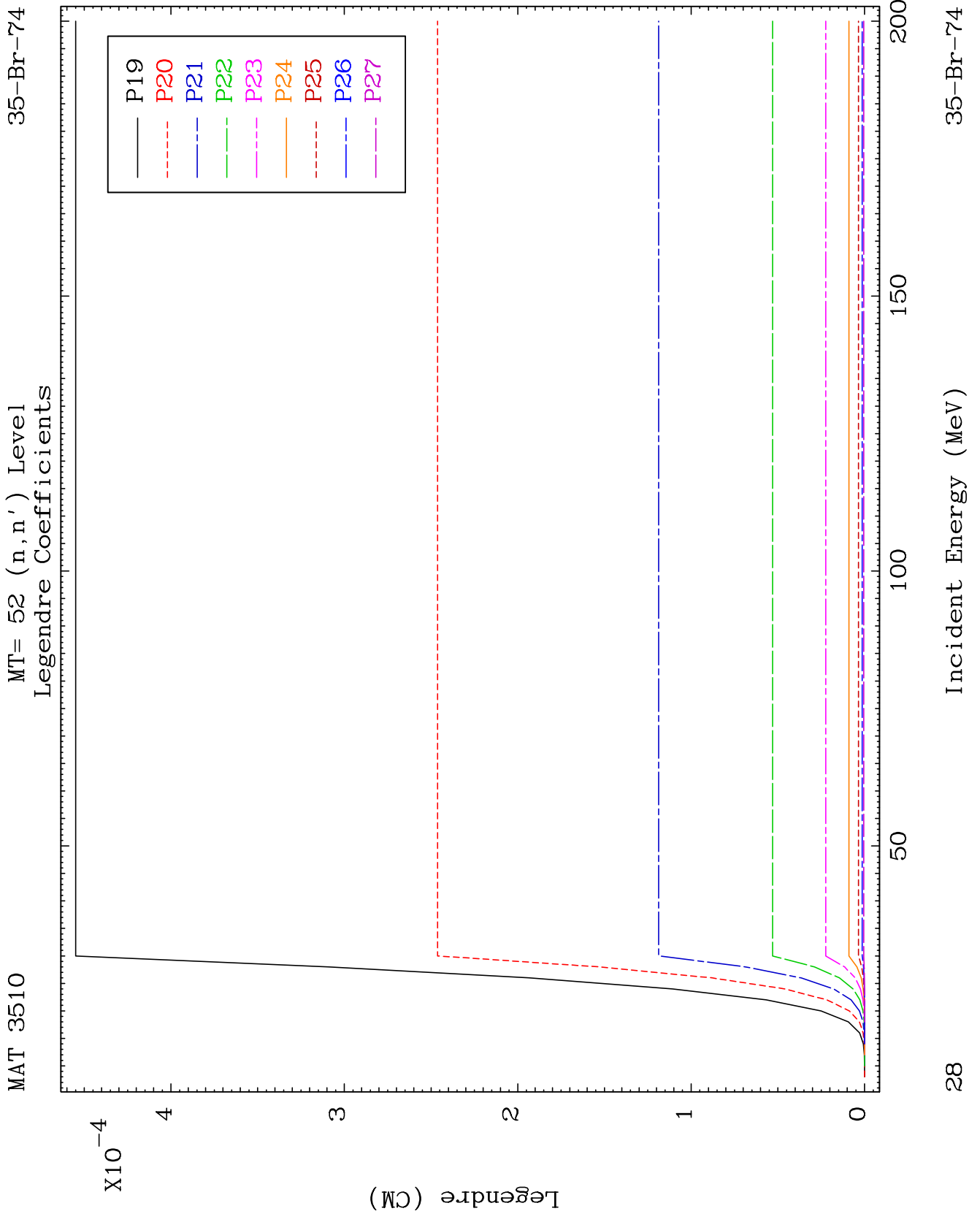
35-Br-74



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Incident Energy (MeV)

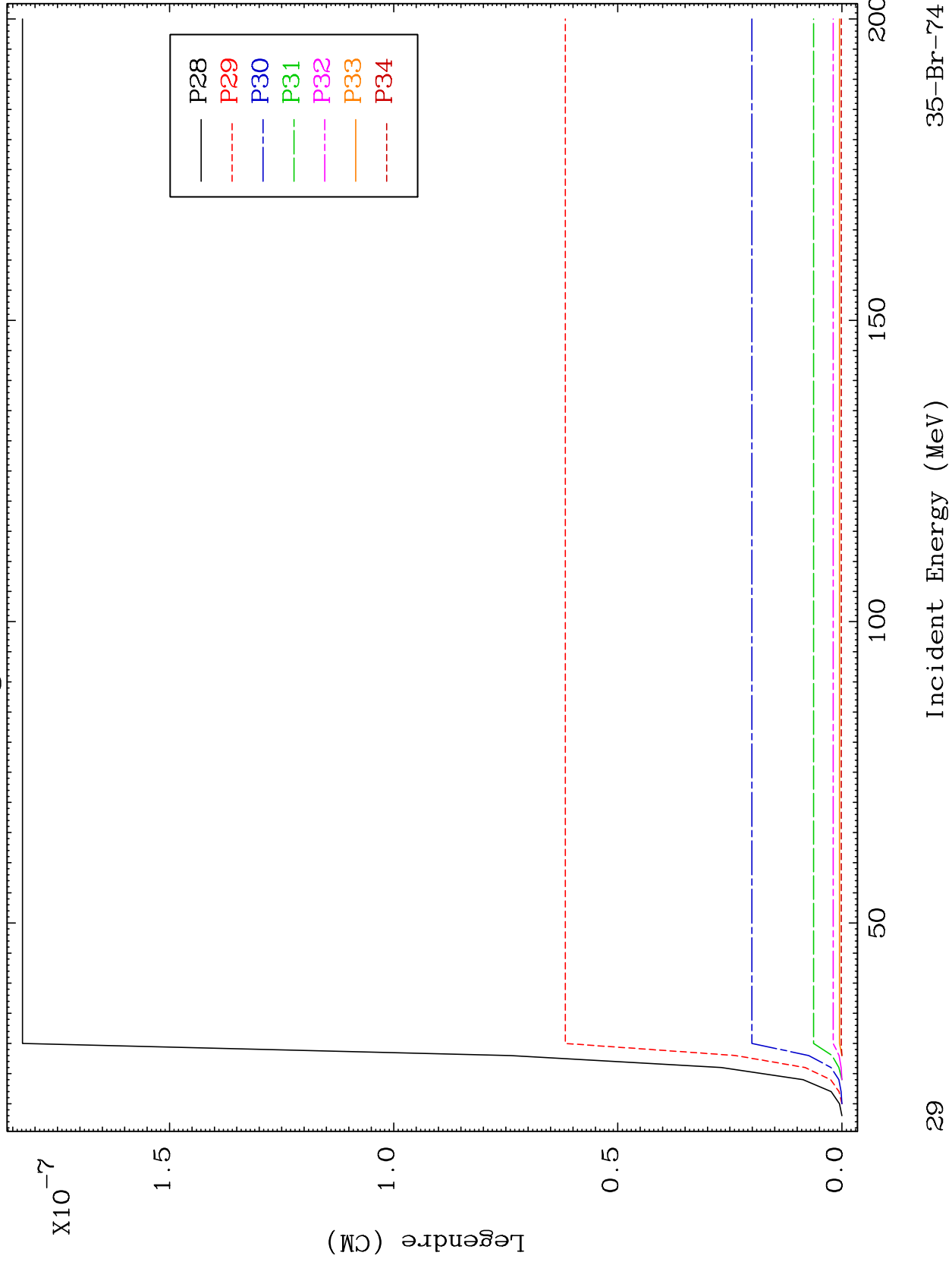
35-Br-74



MAT 3510

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

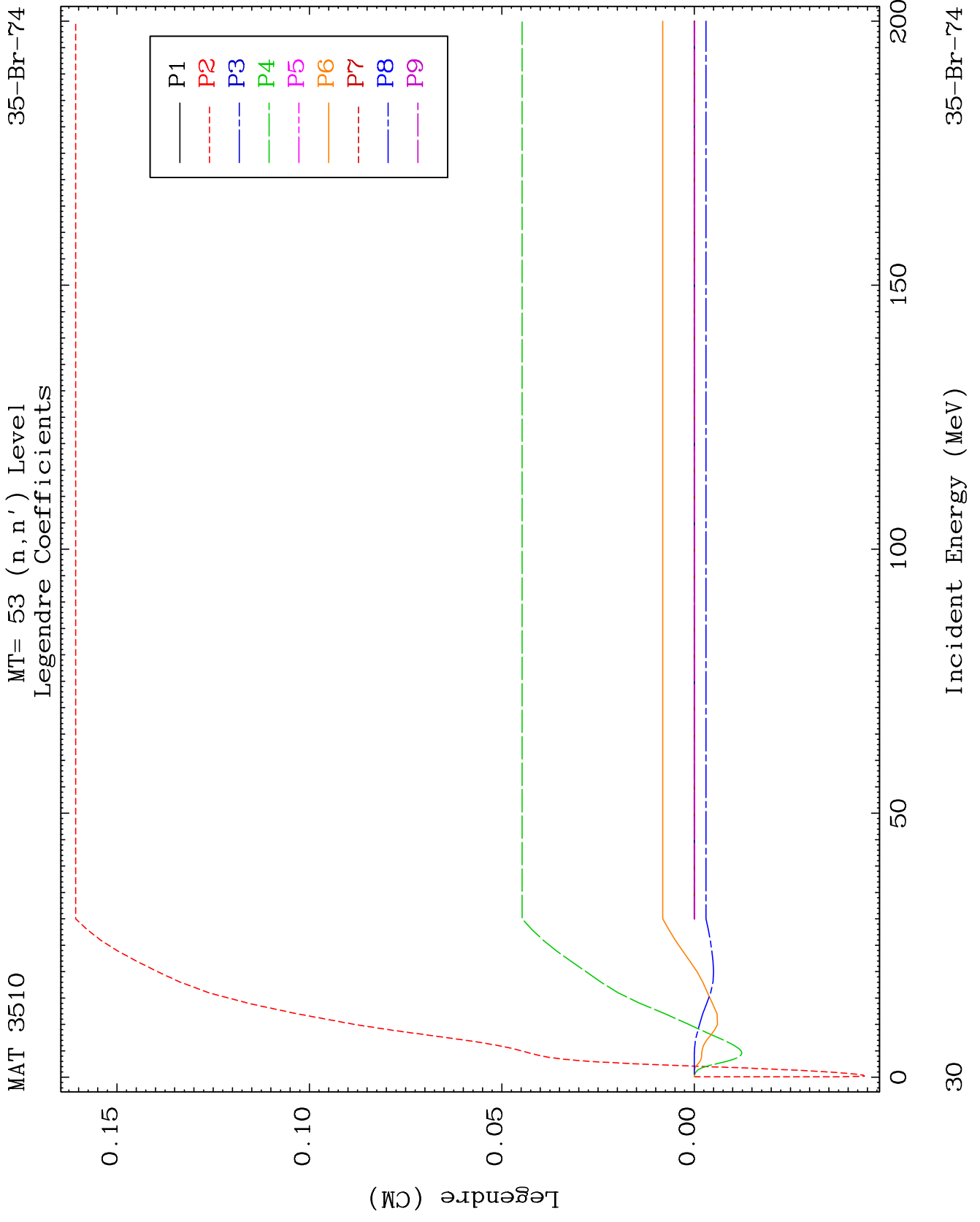
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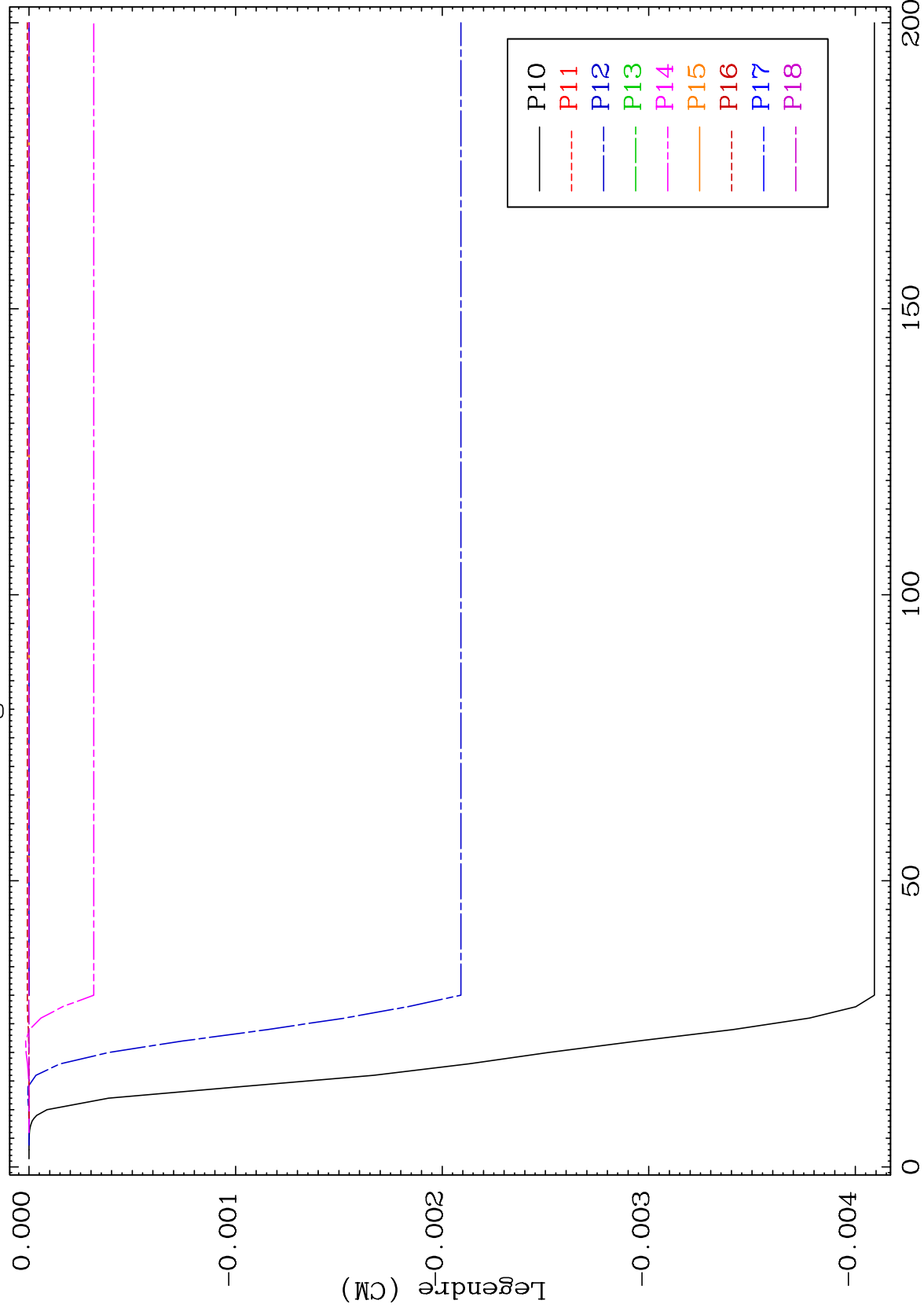


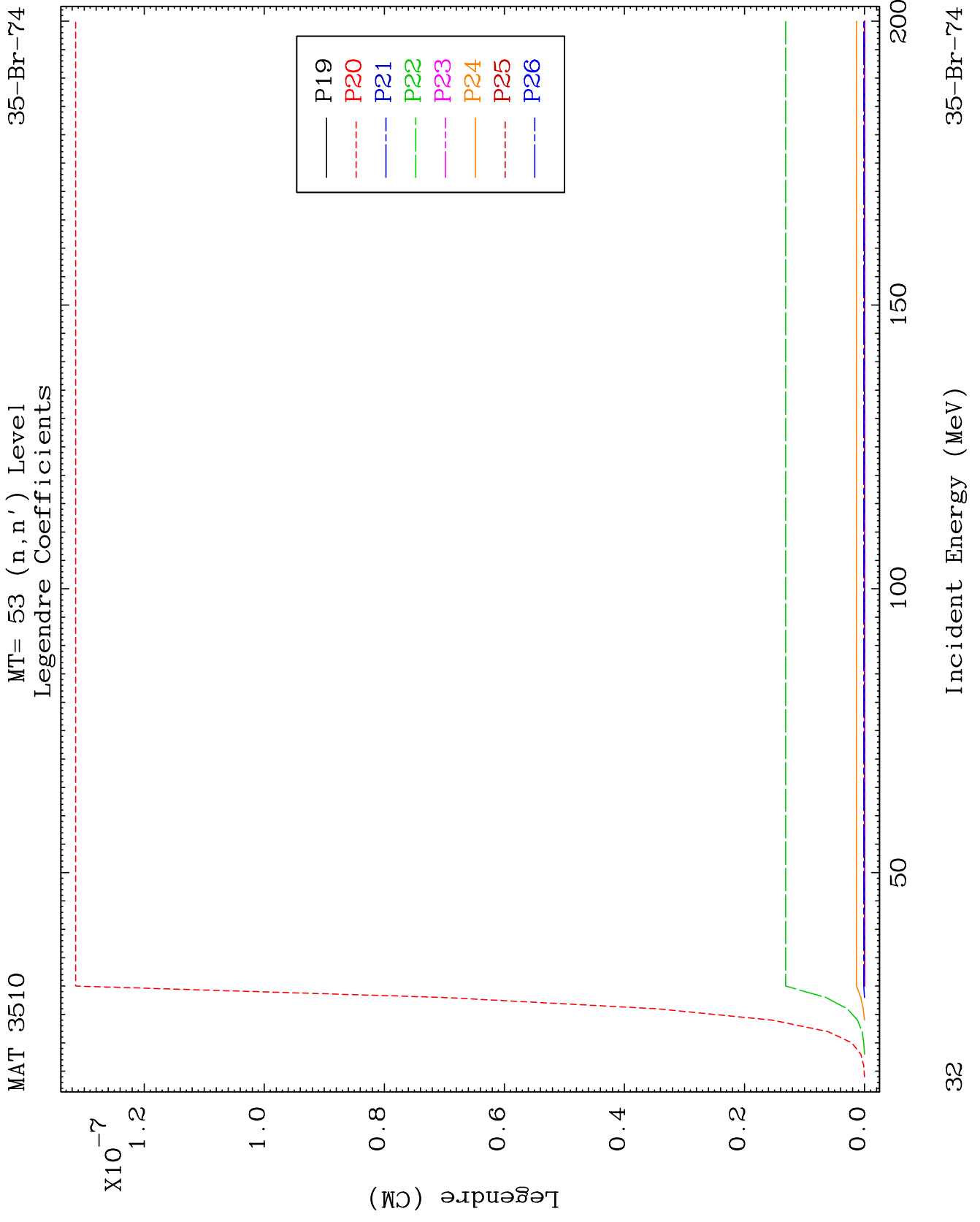
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Incident Energy (MeV)

35-Br-74



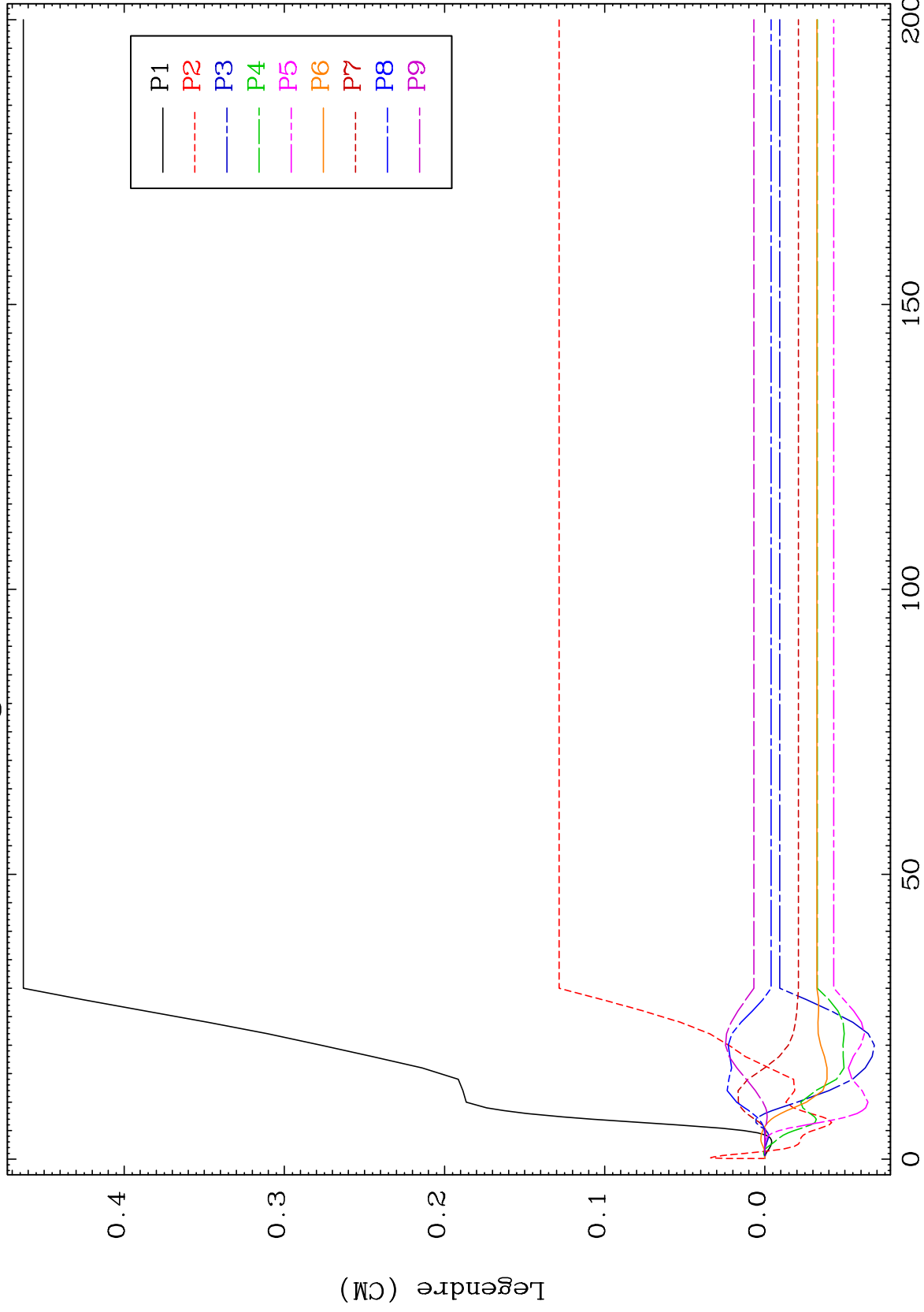




MAT 3510

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

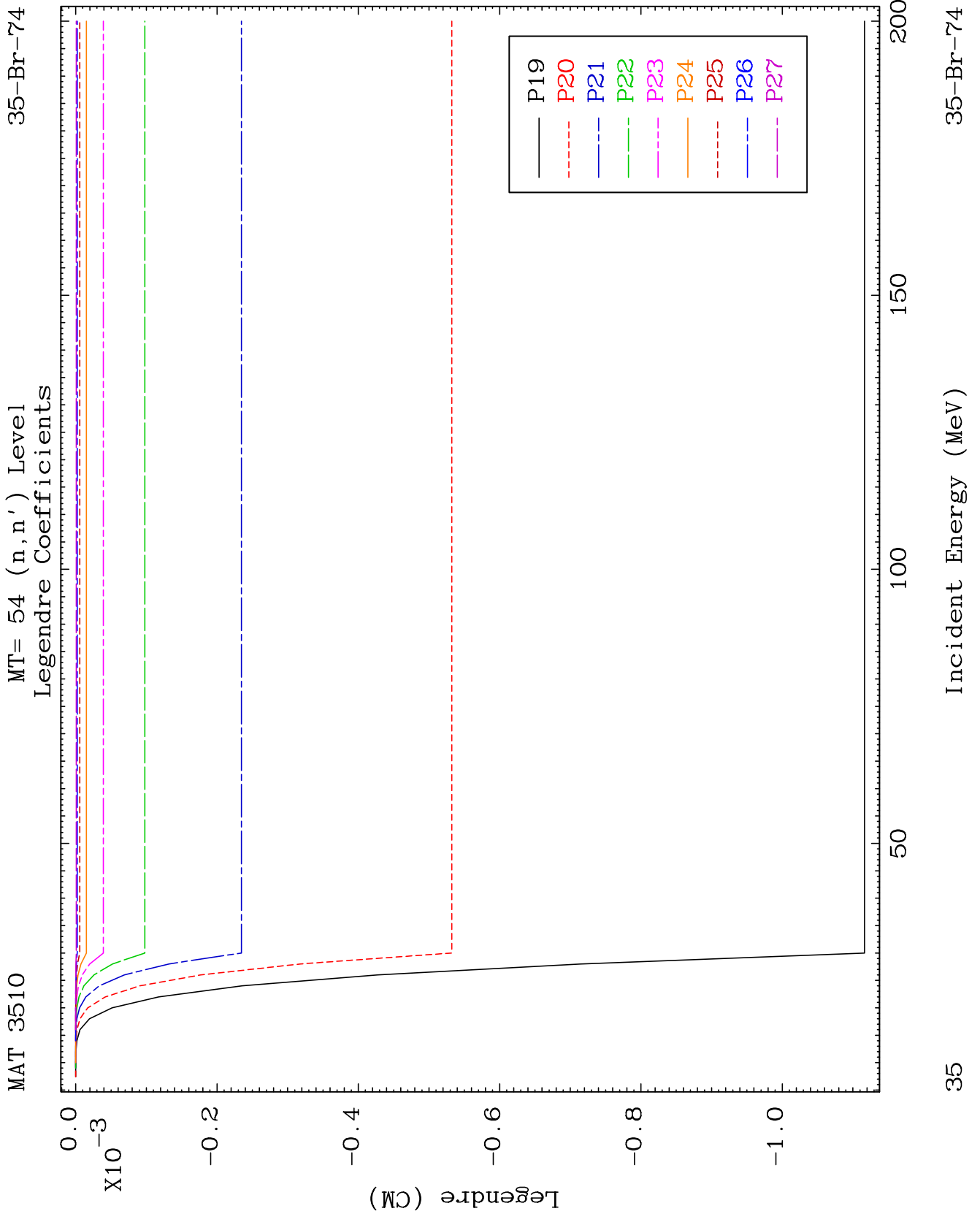
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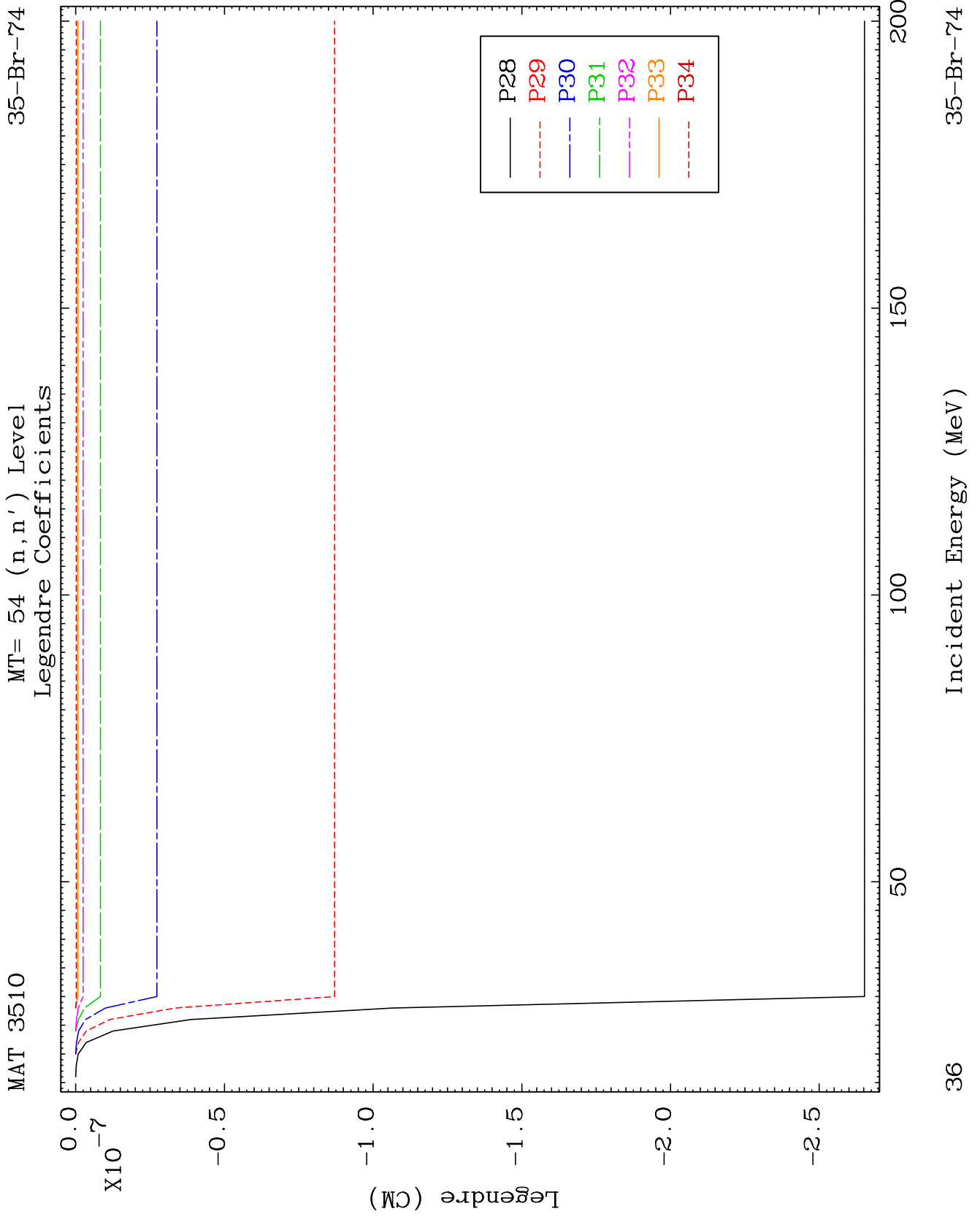


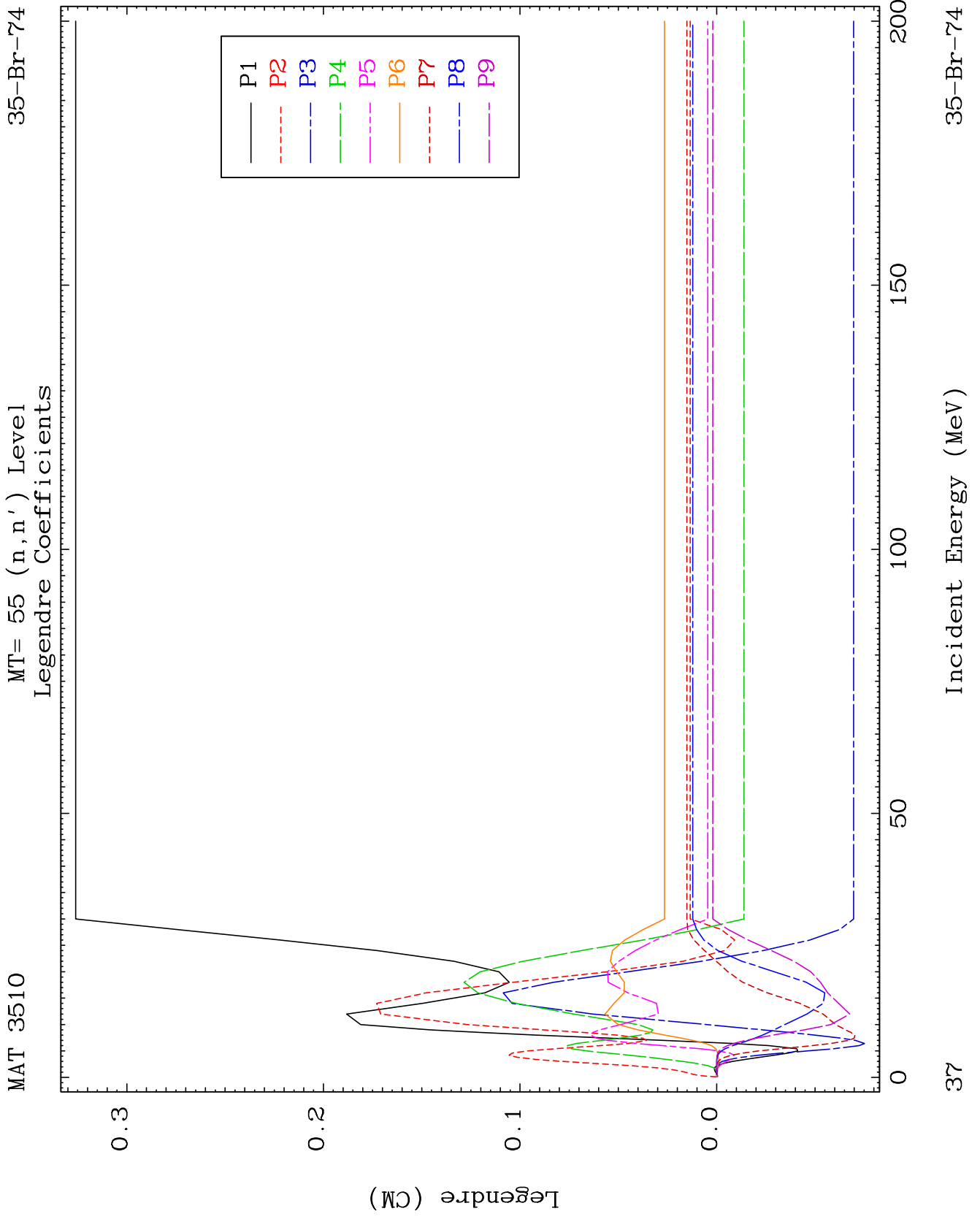
33

Incident Energy (MeV)

35-Br-74



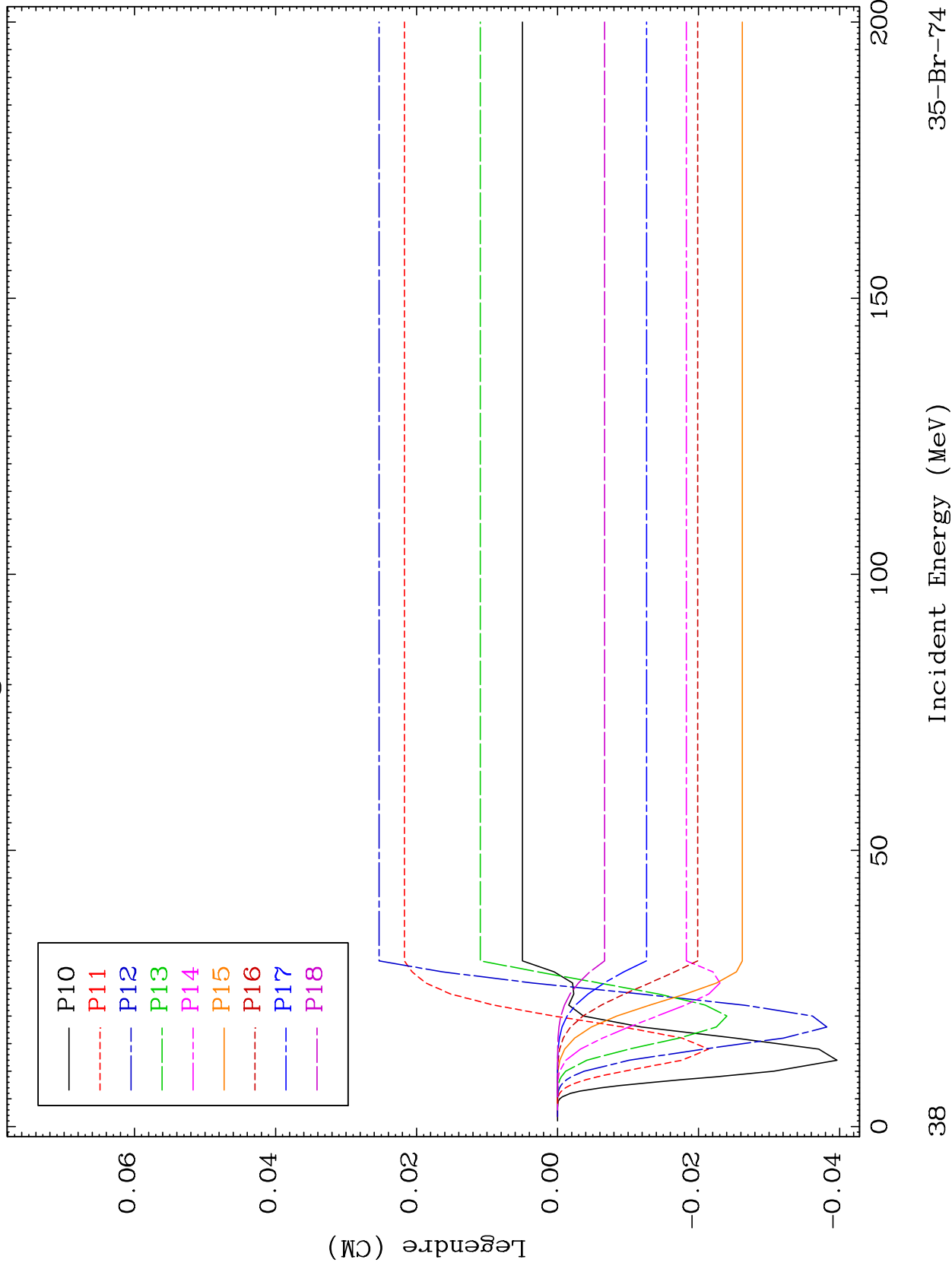




MAT 3510

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

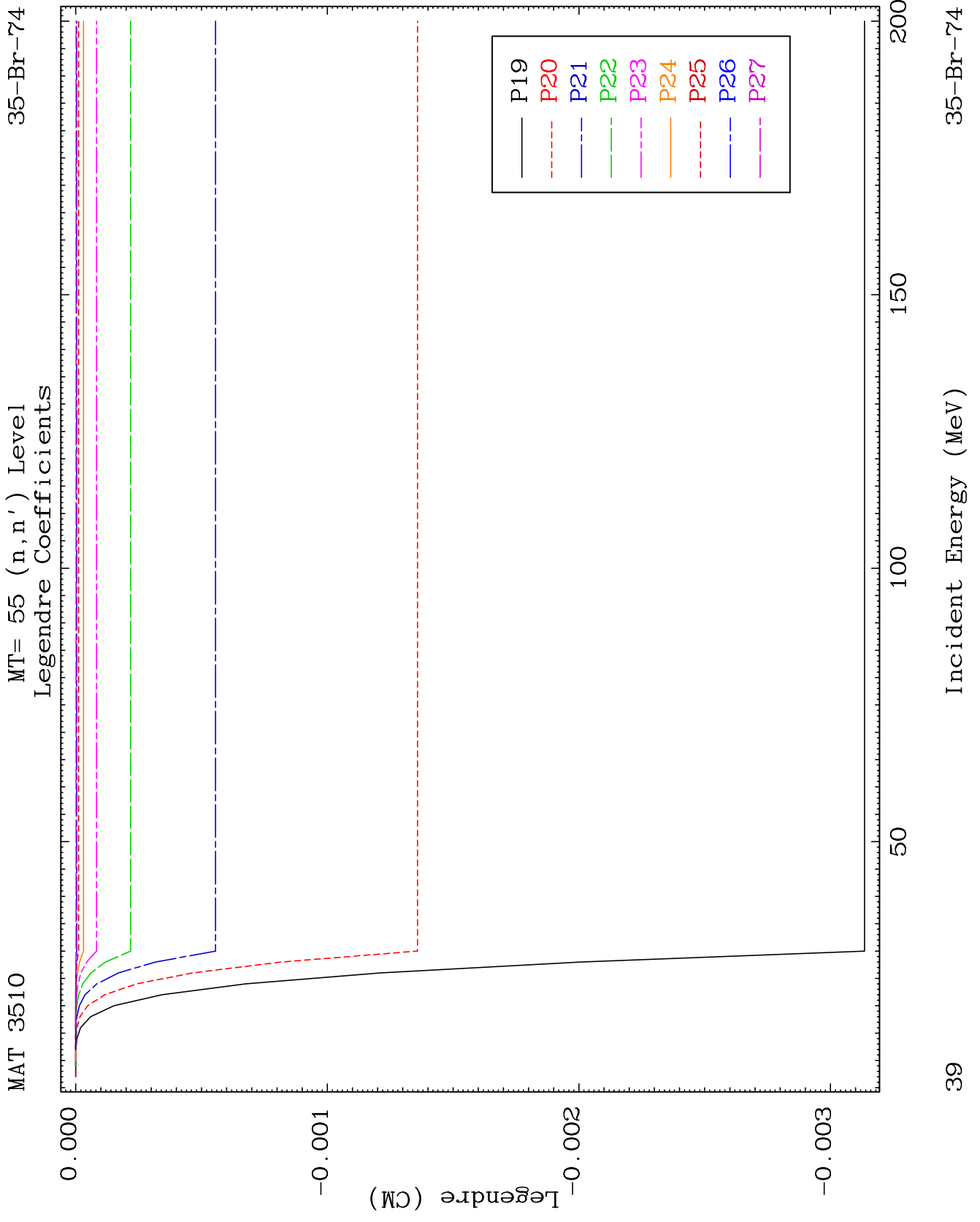
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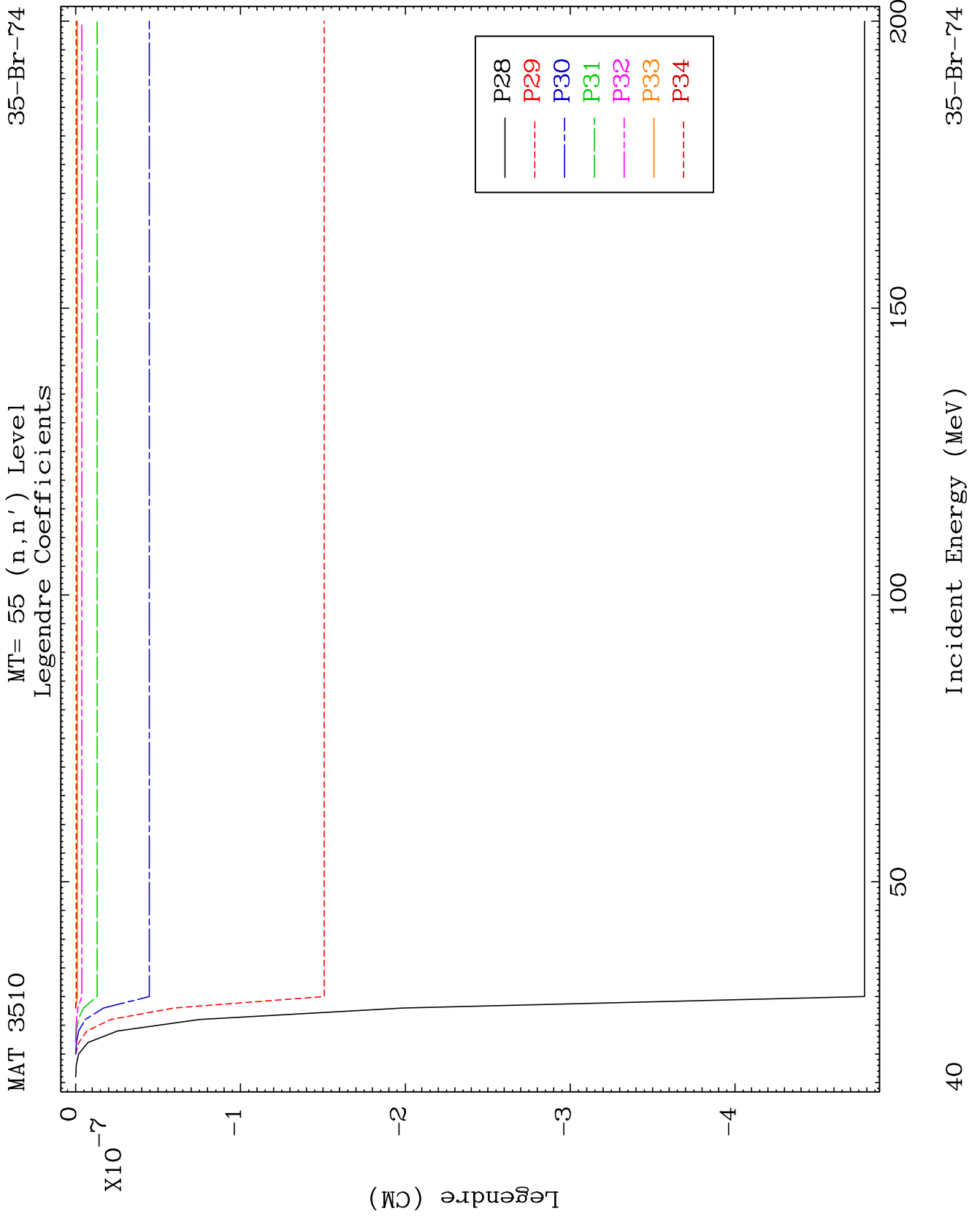


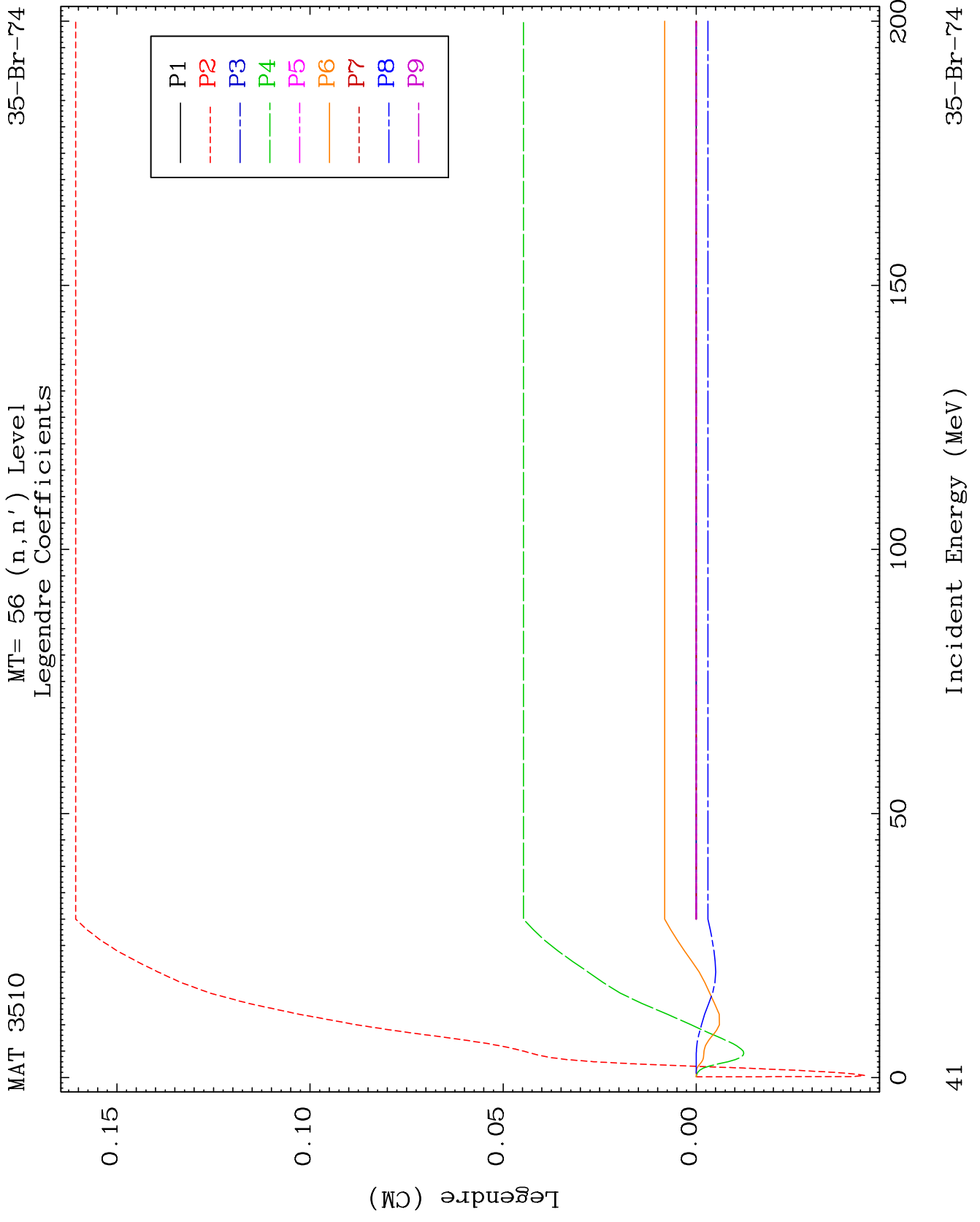
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Incident Energy (MeV)

35-Br-74



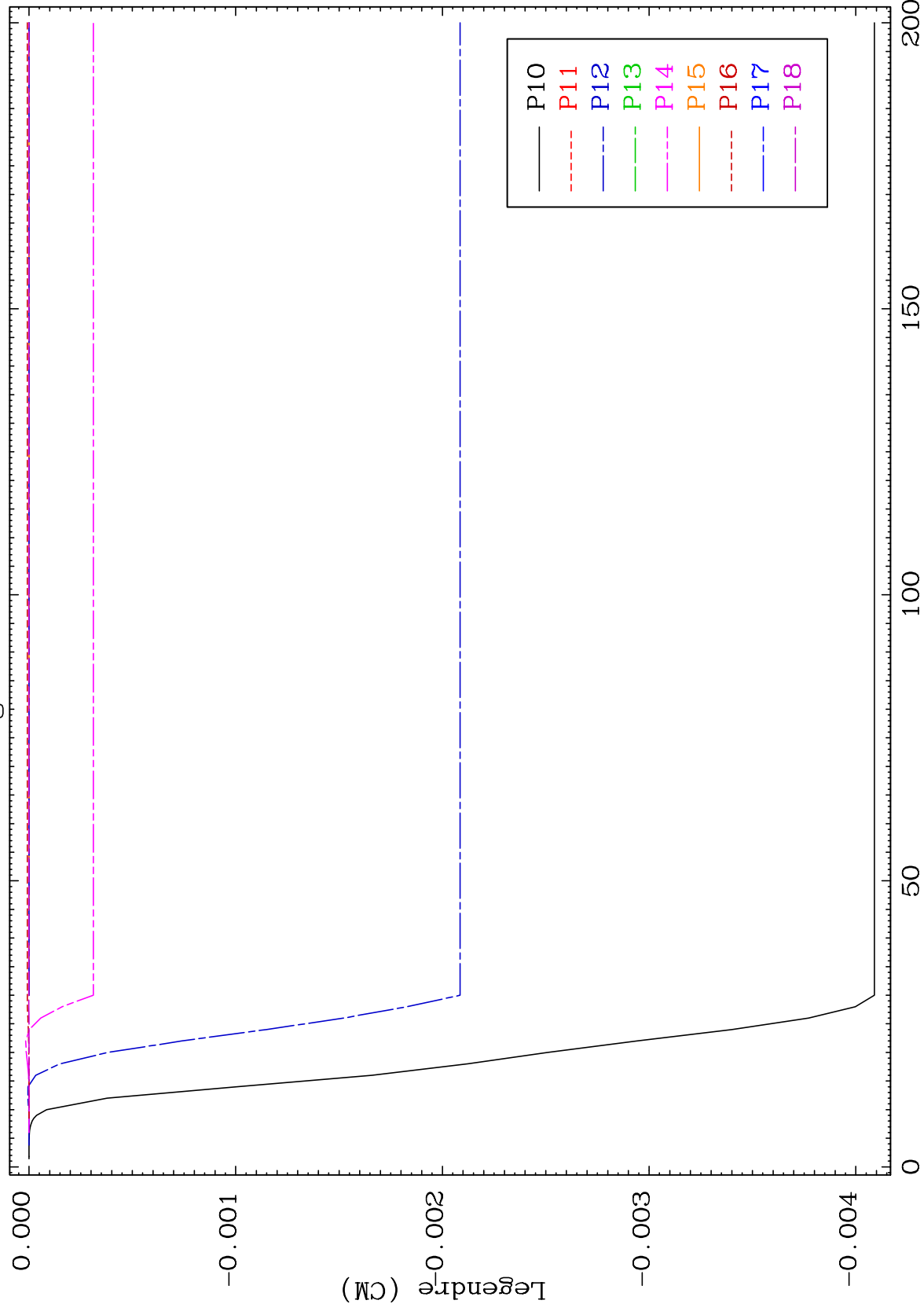




MAT 3510

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

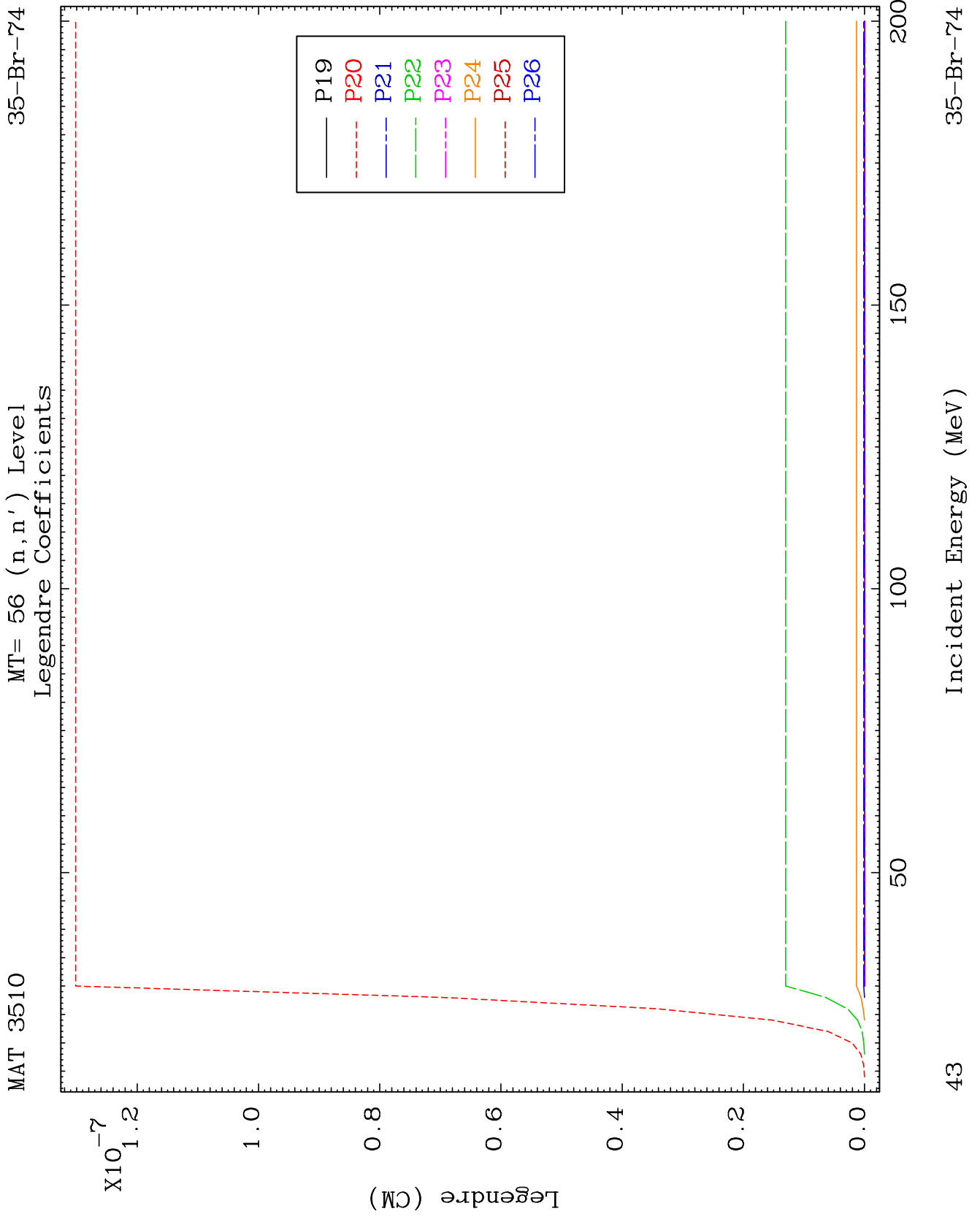
35-Br-74



42

Incident Energy (MeV)

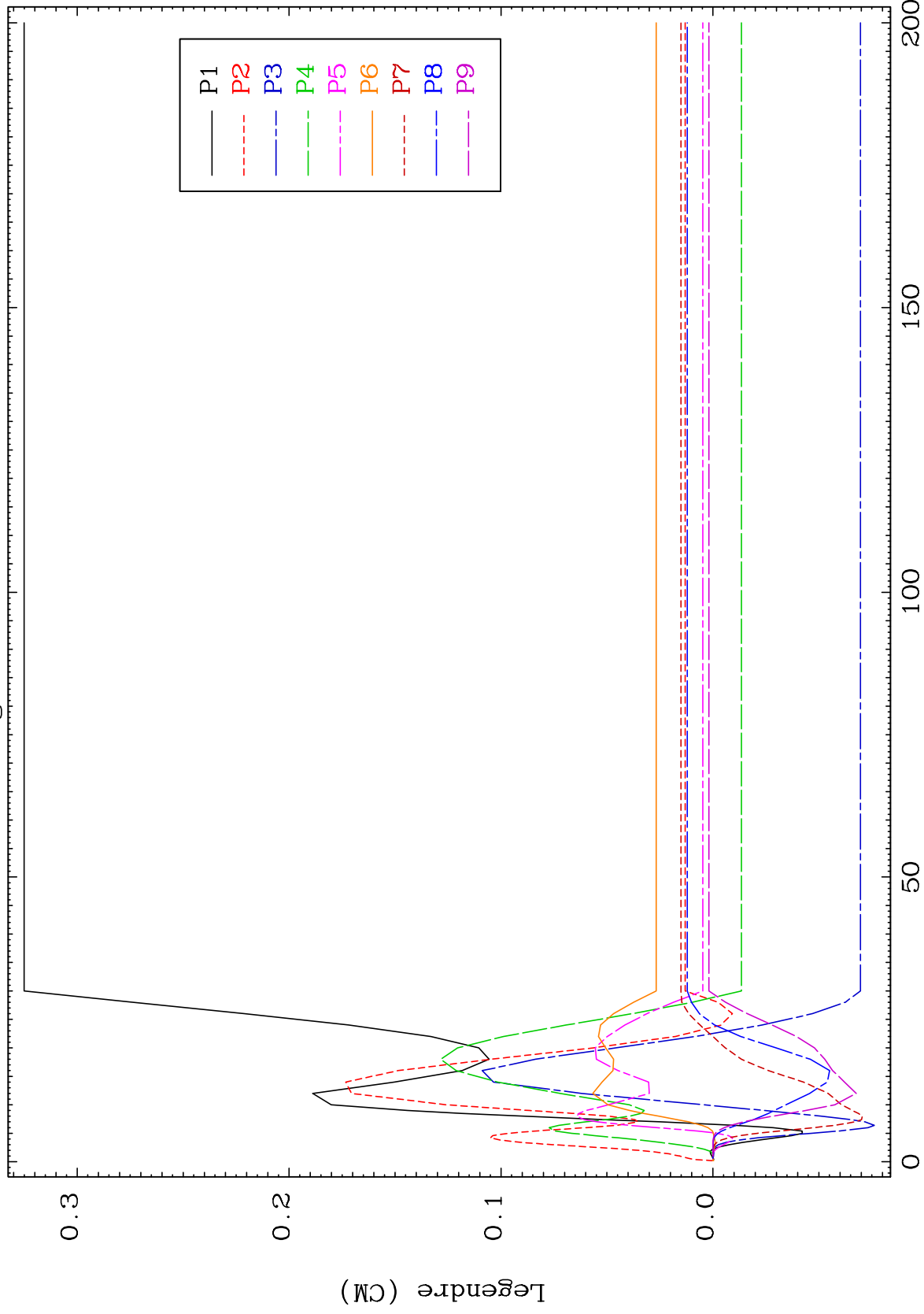
35-Br-74



MAT 3510

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

35-Br-74



44

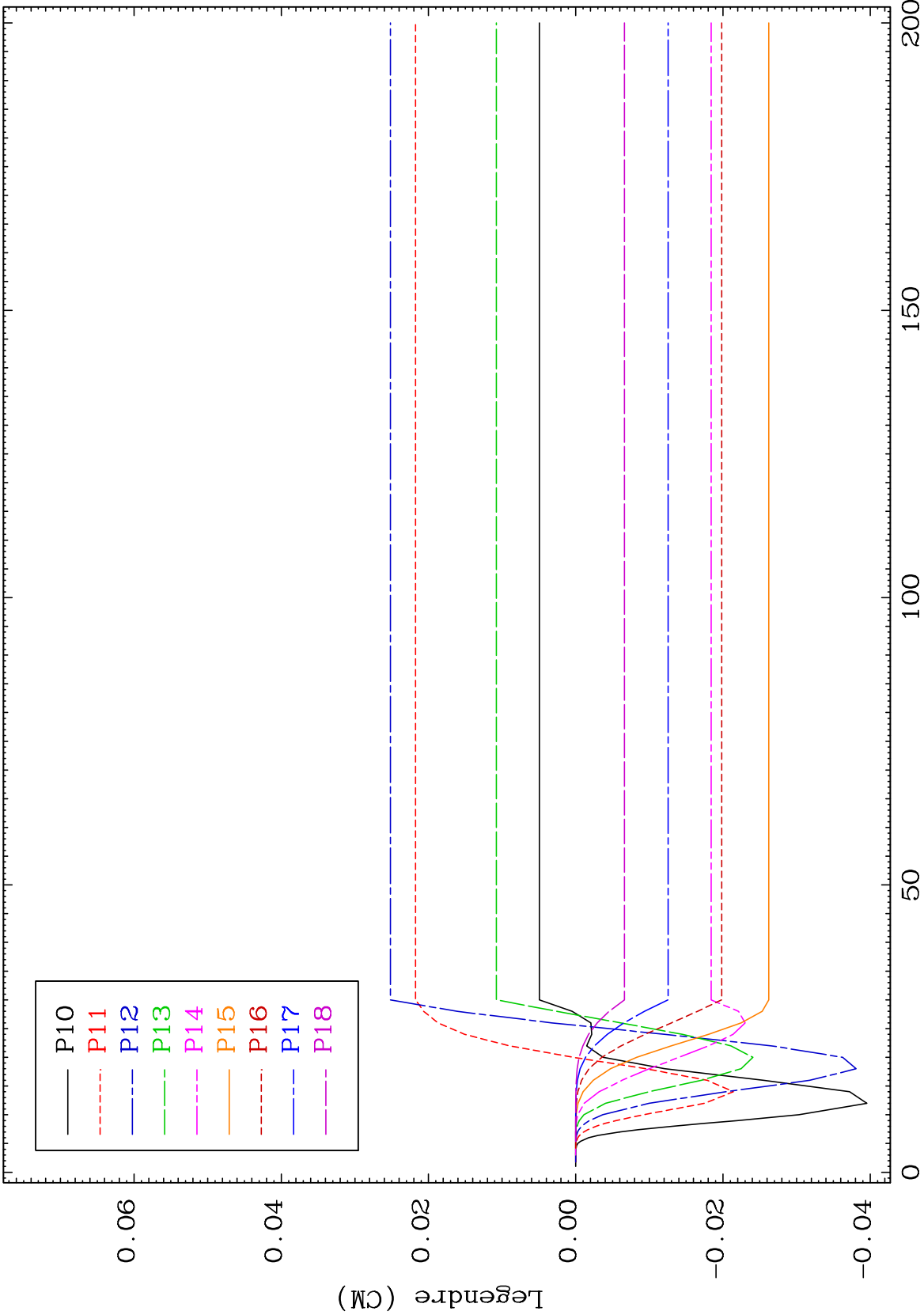
Incident Energy (MeV)

35-Br-74

MAT 3510

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

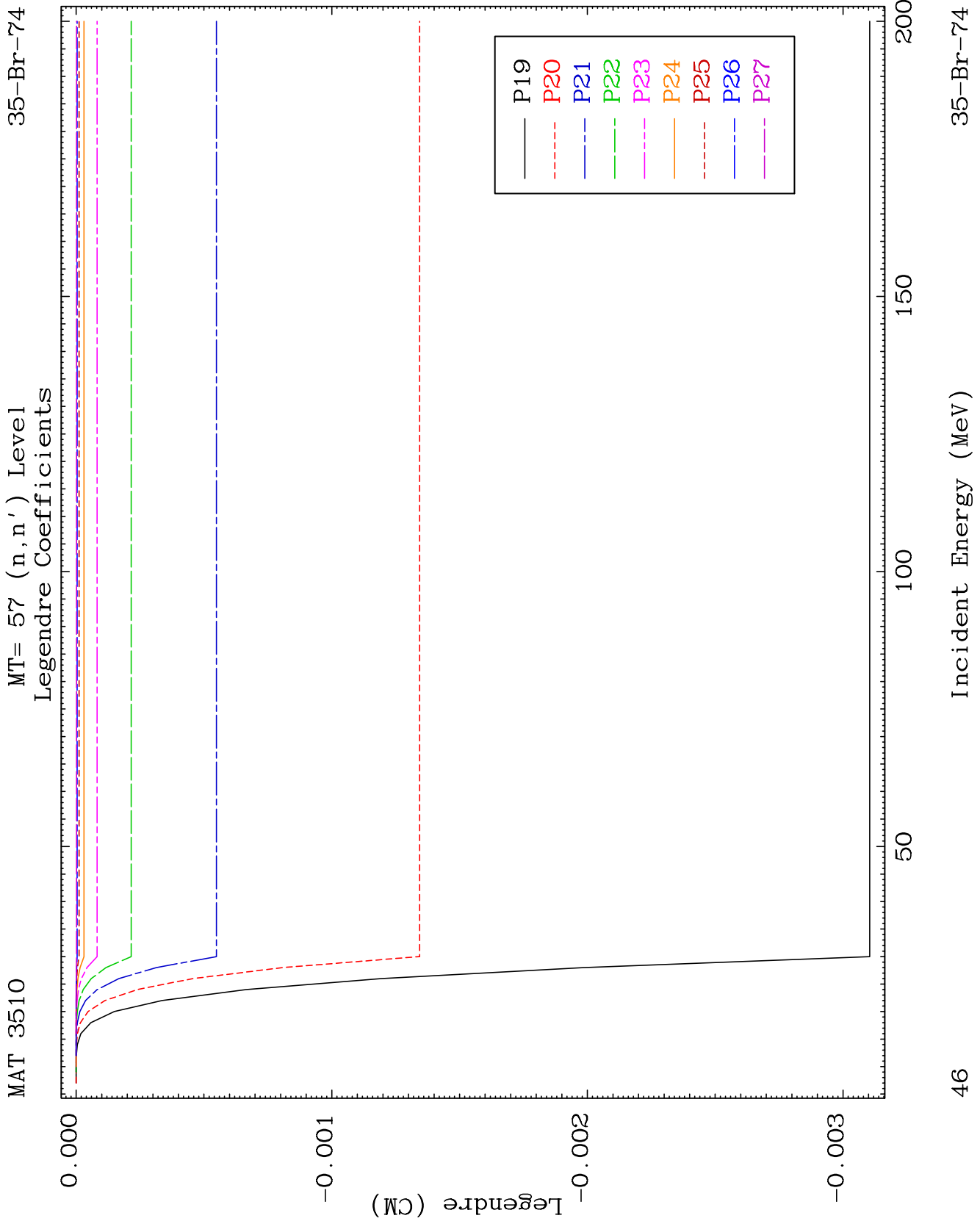
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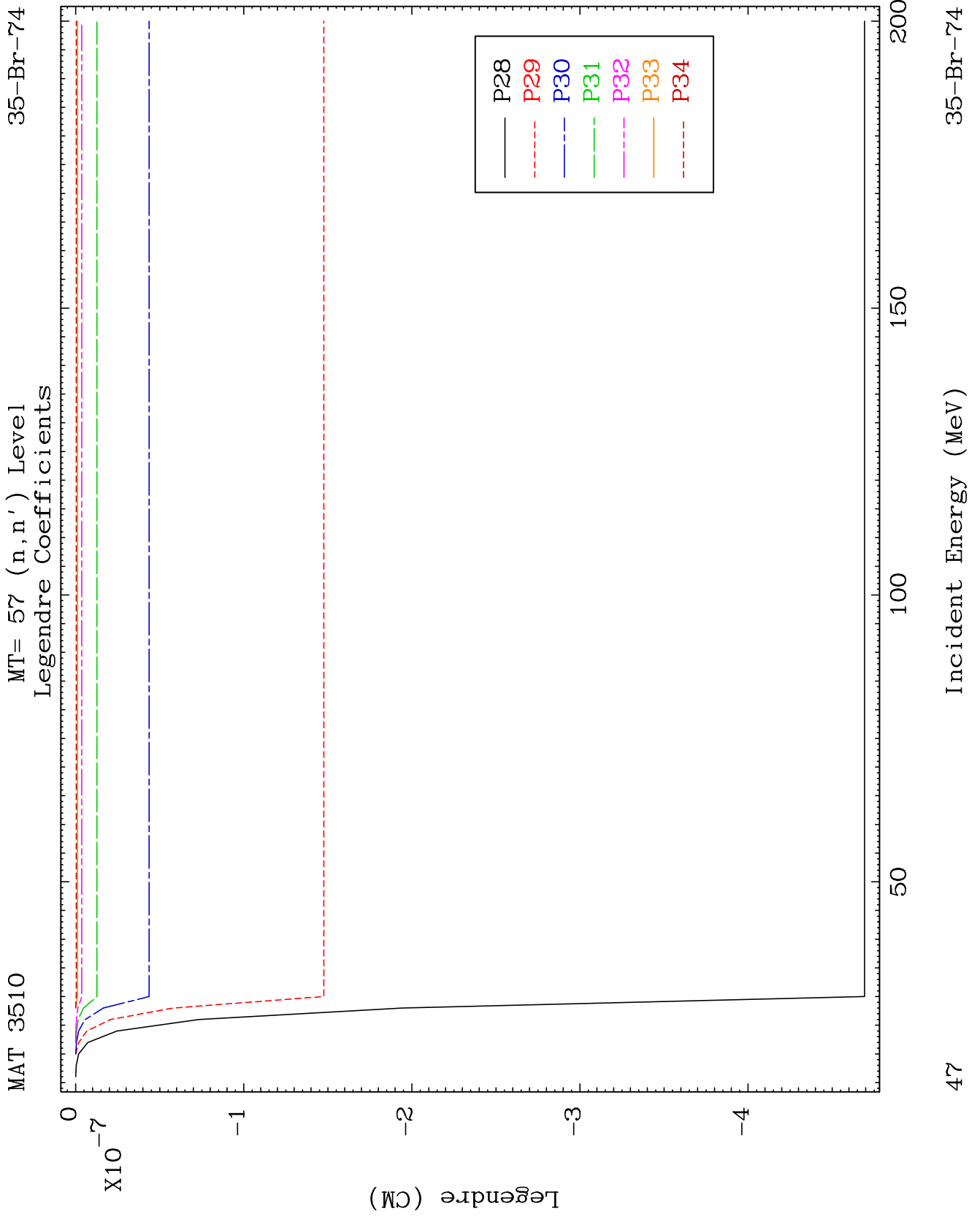


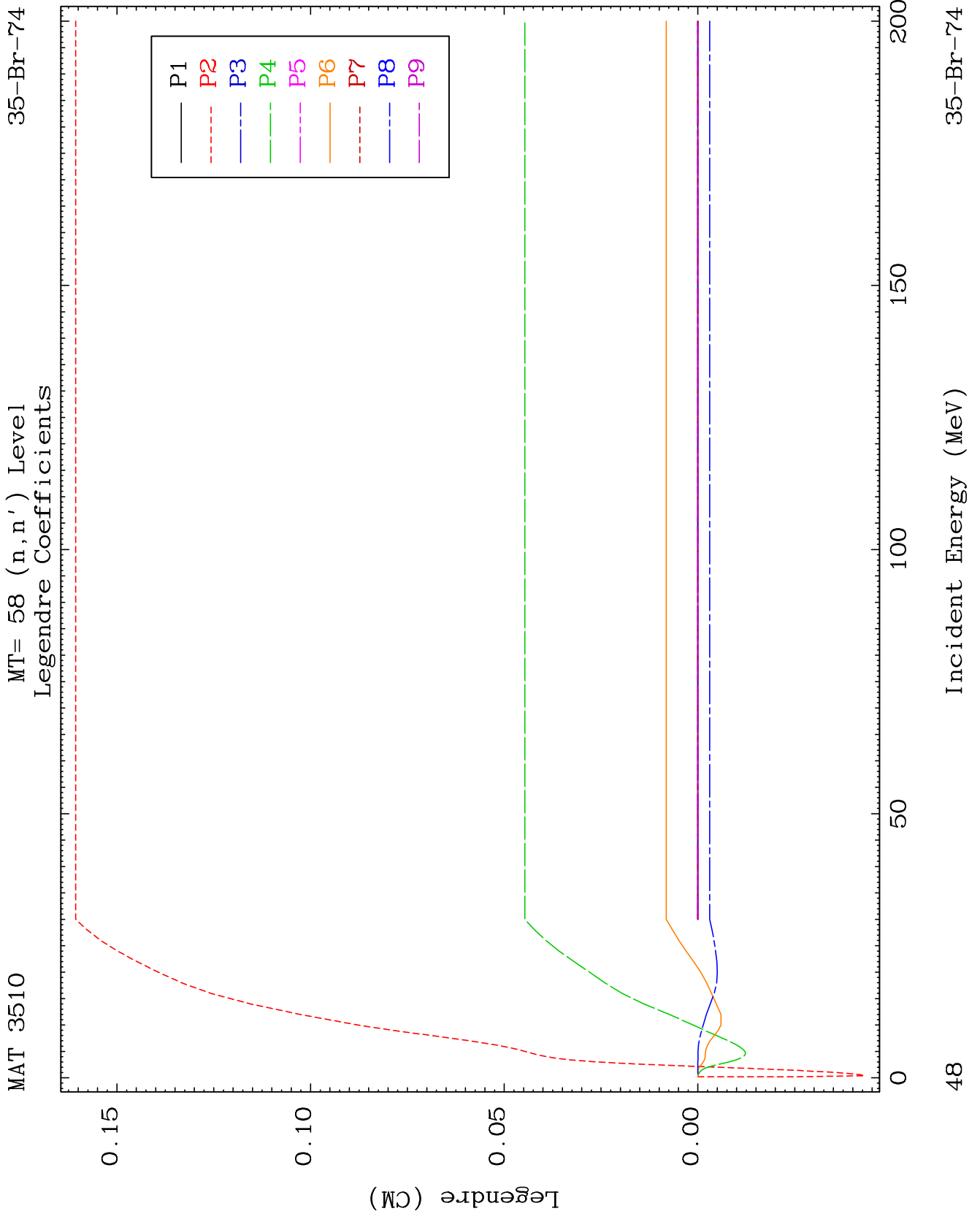
Incident Energy (MeV)

35-Br-74

45



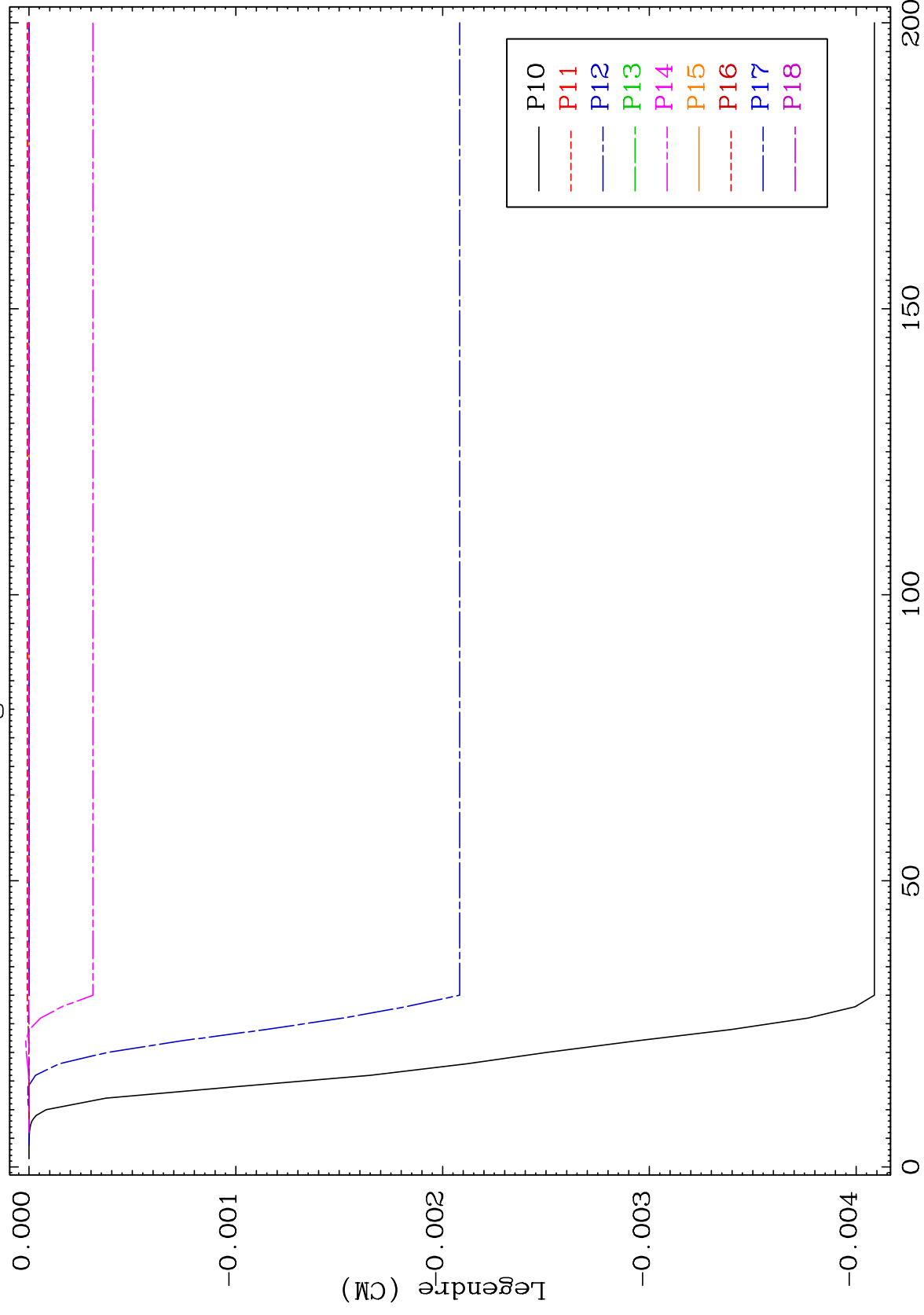




MAT 3510

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

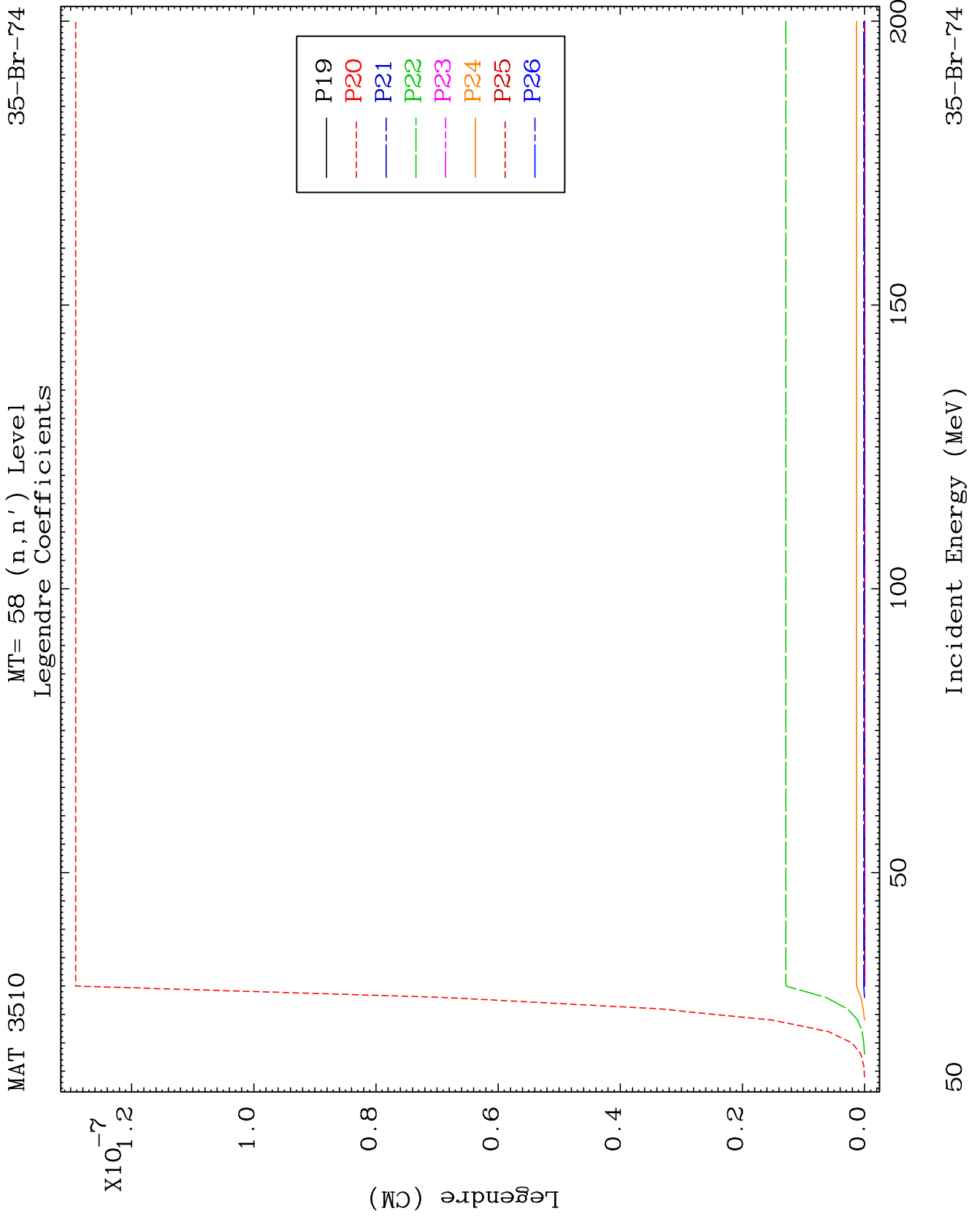
35-Br-74



49

Incident Energy (MeV)

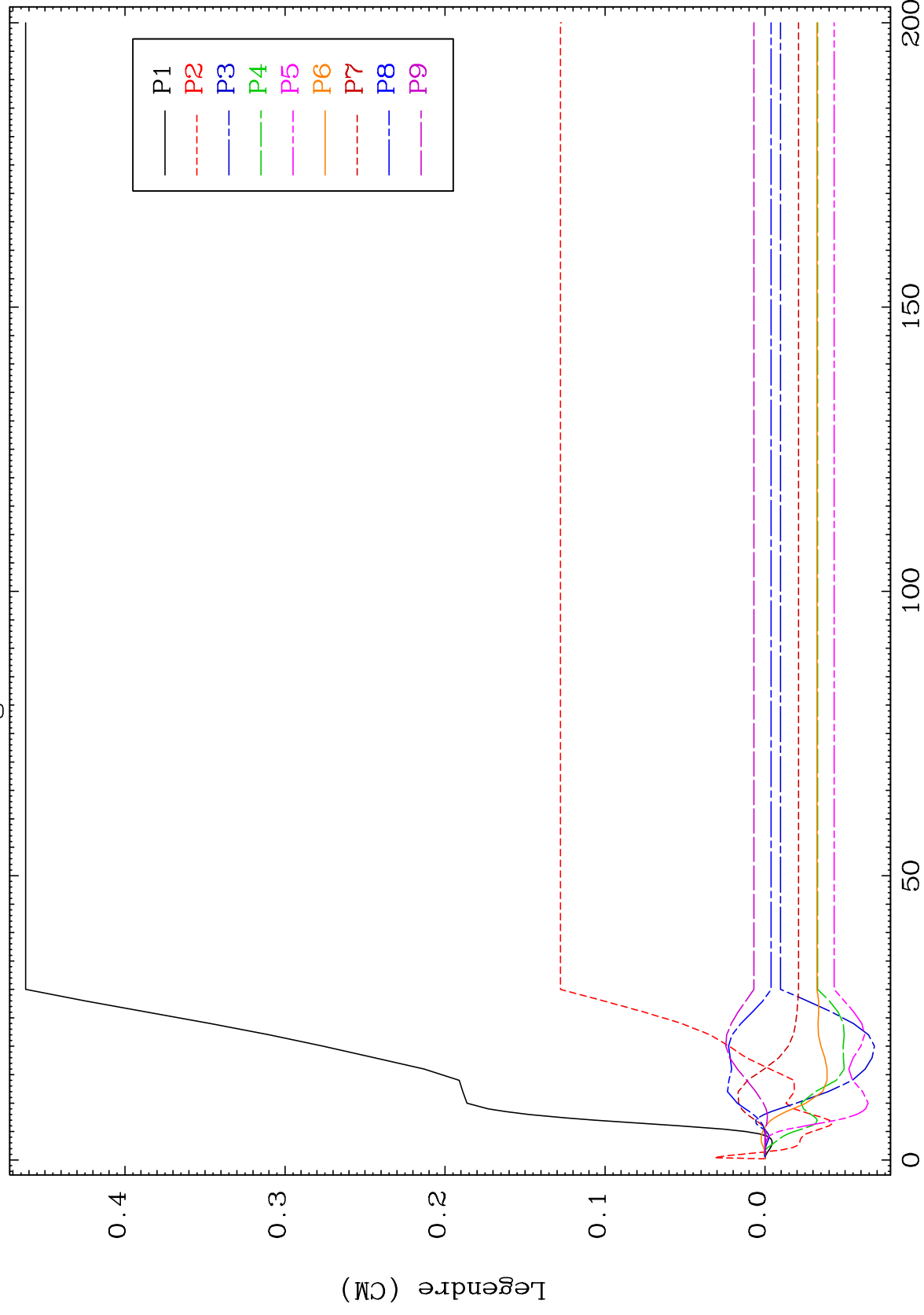
35-Br-74



MAT 3510

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

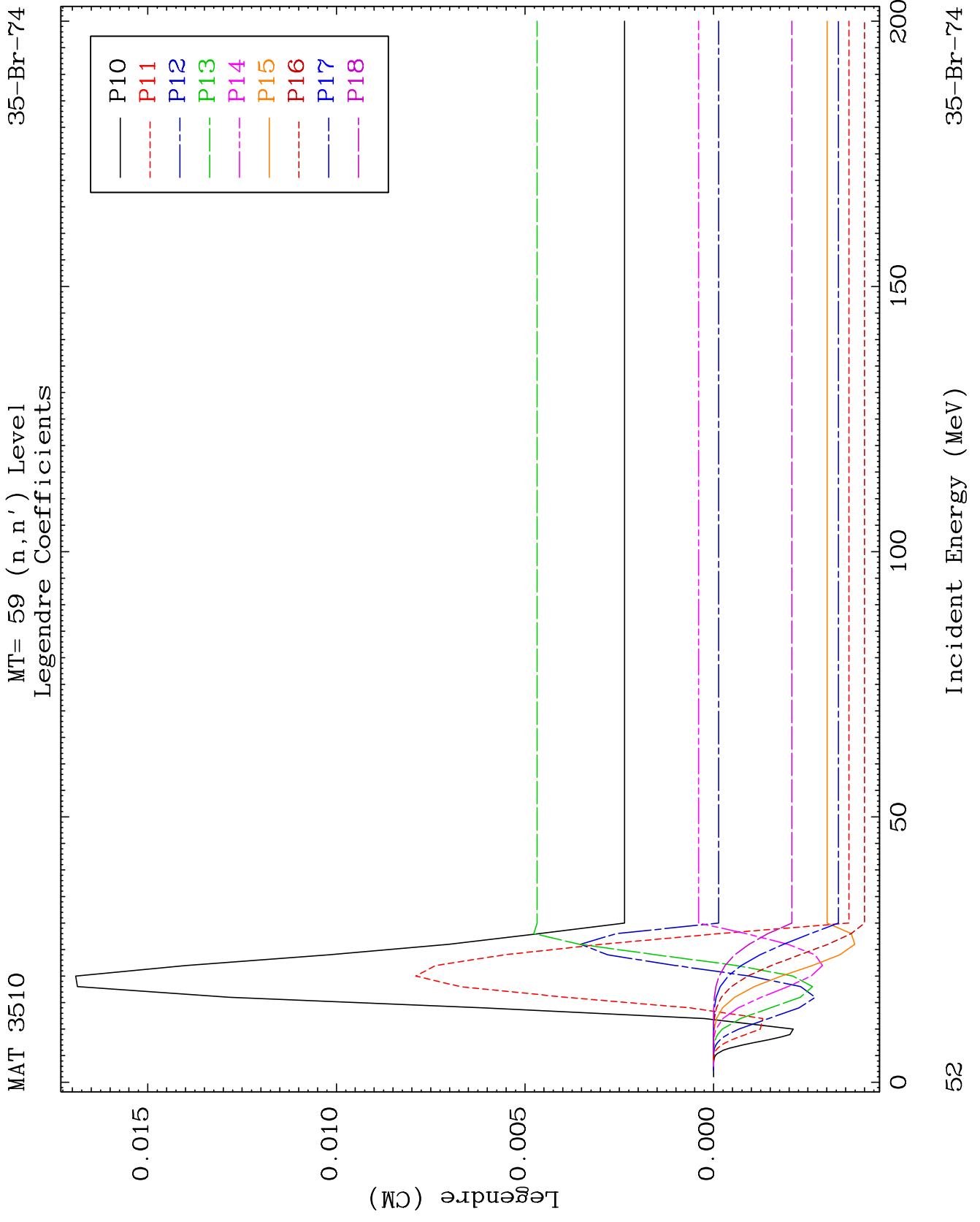
35-Br-74

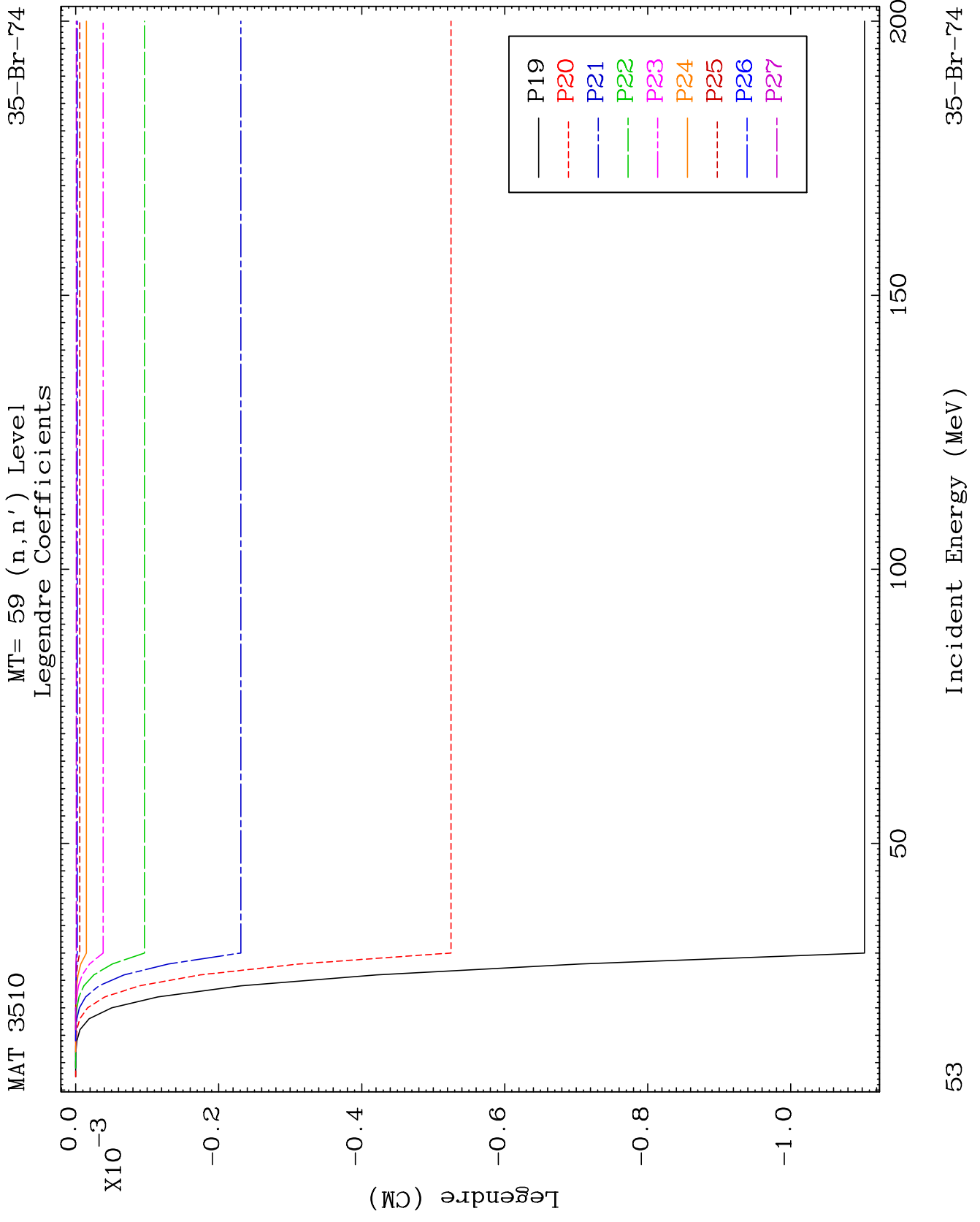


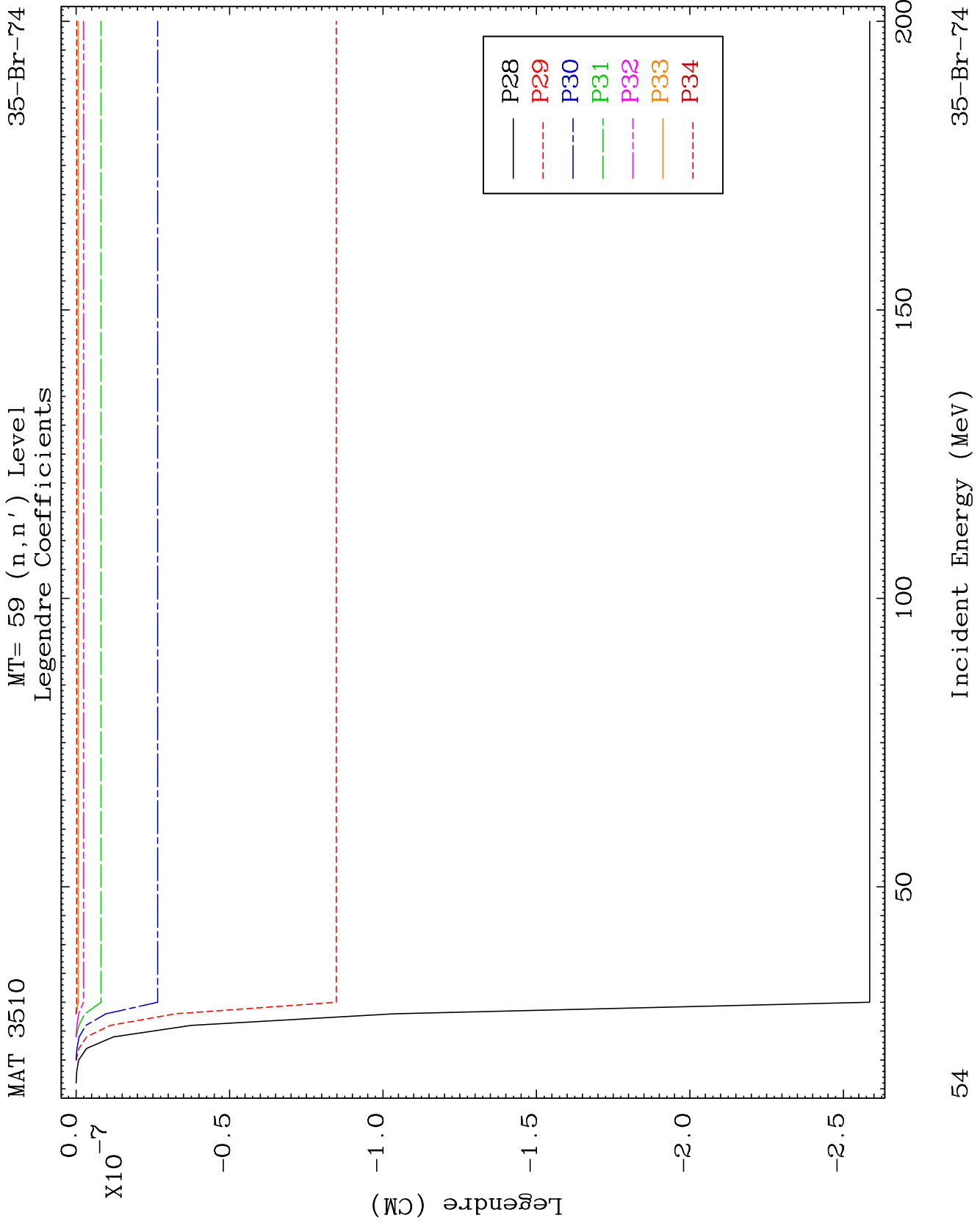
35-Br-74

Incident Energy (MeV)

51



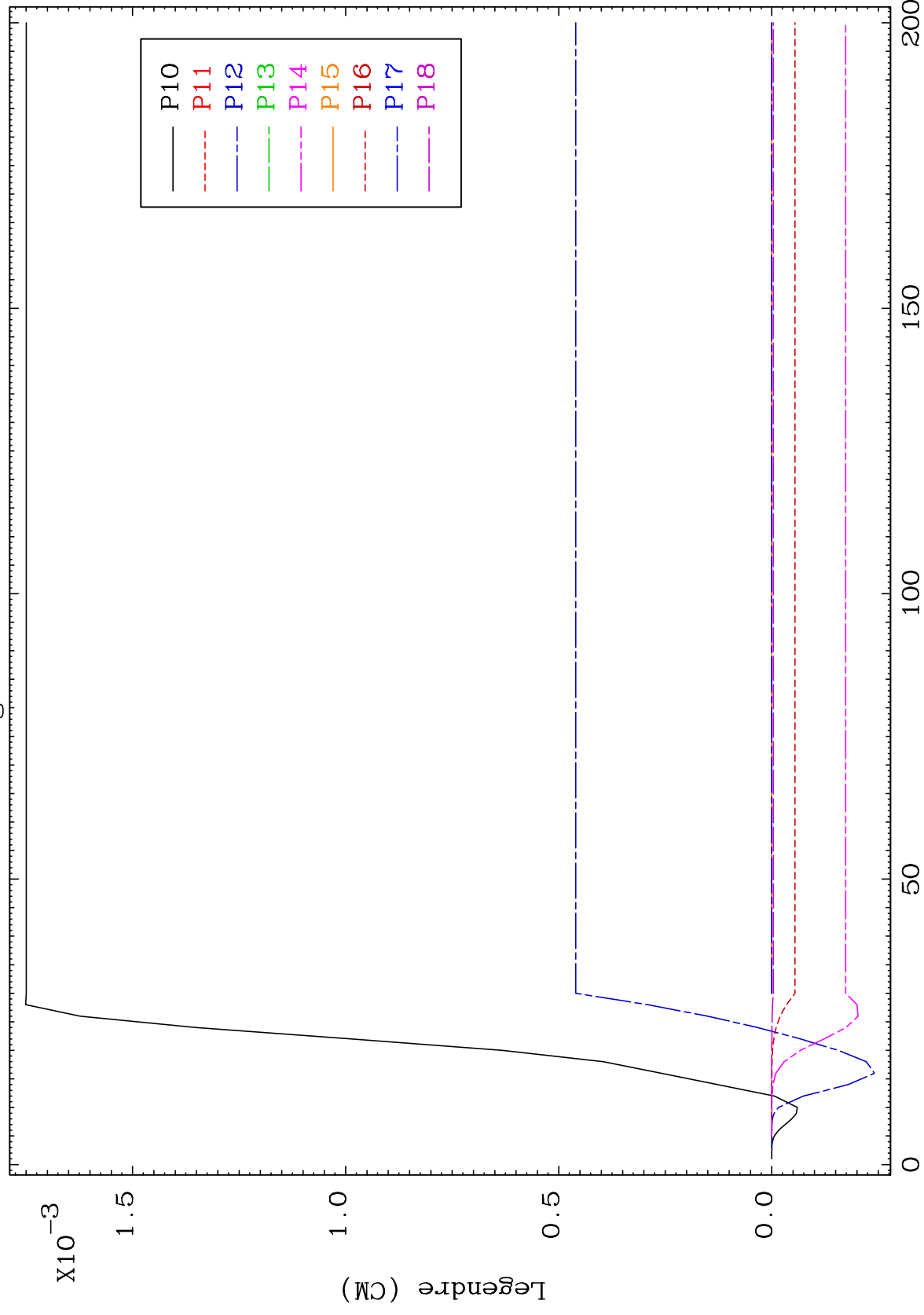




MAT 3510

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

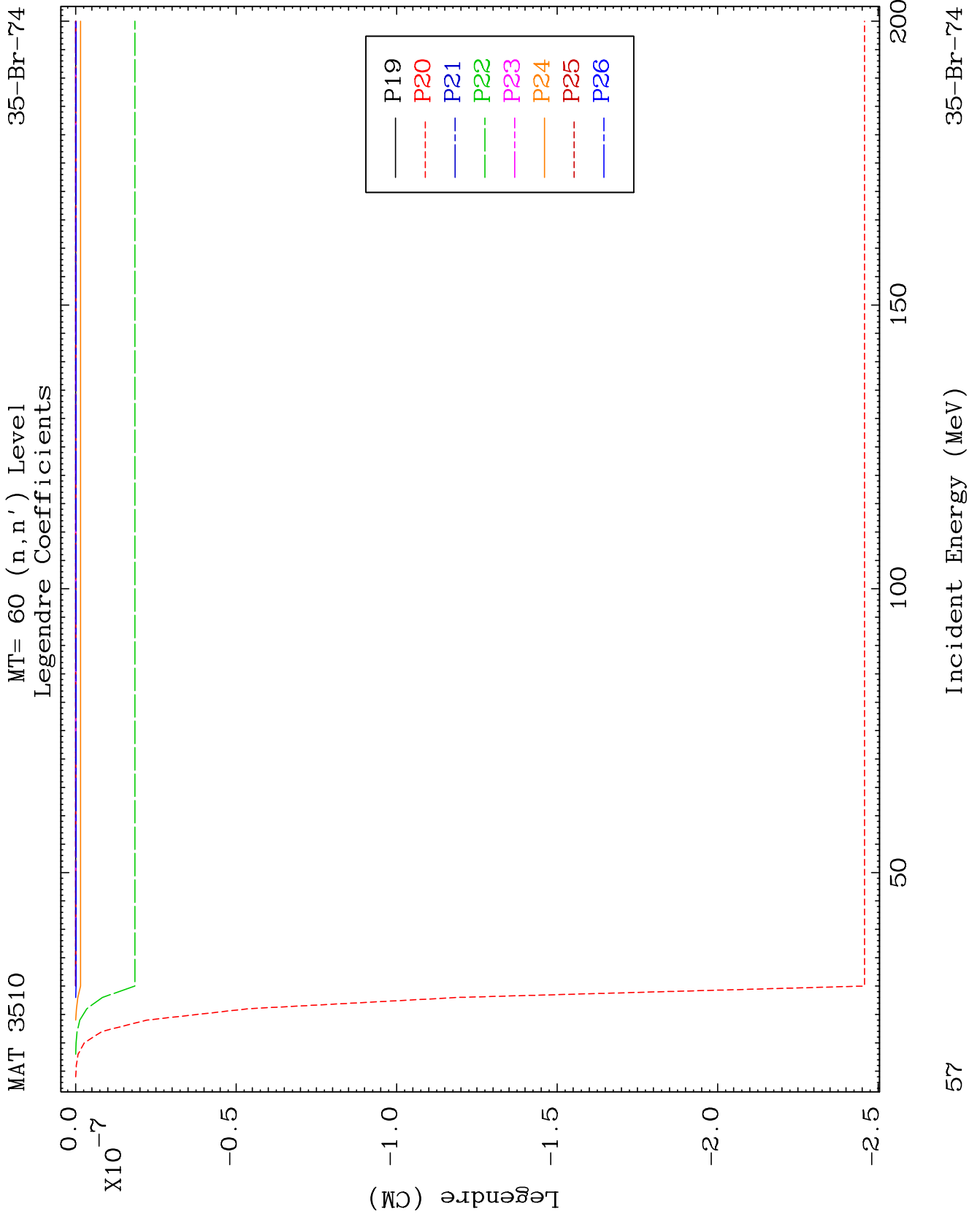
35-Br-74



56

Incident Energy (MeV)

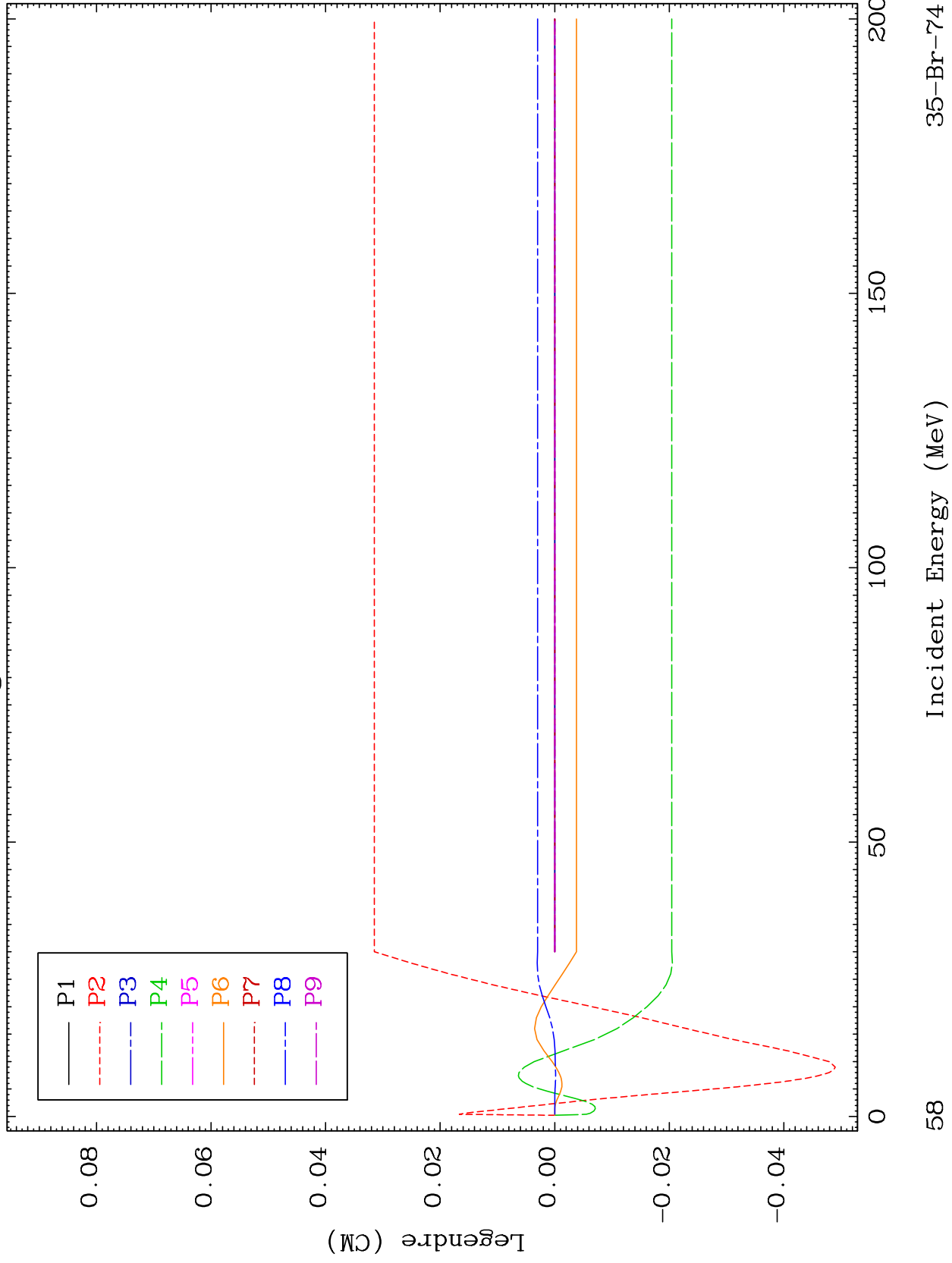
35-Br-74



MAT 3510

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

35-Br-74



58

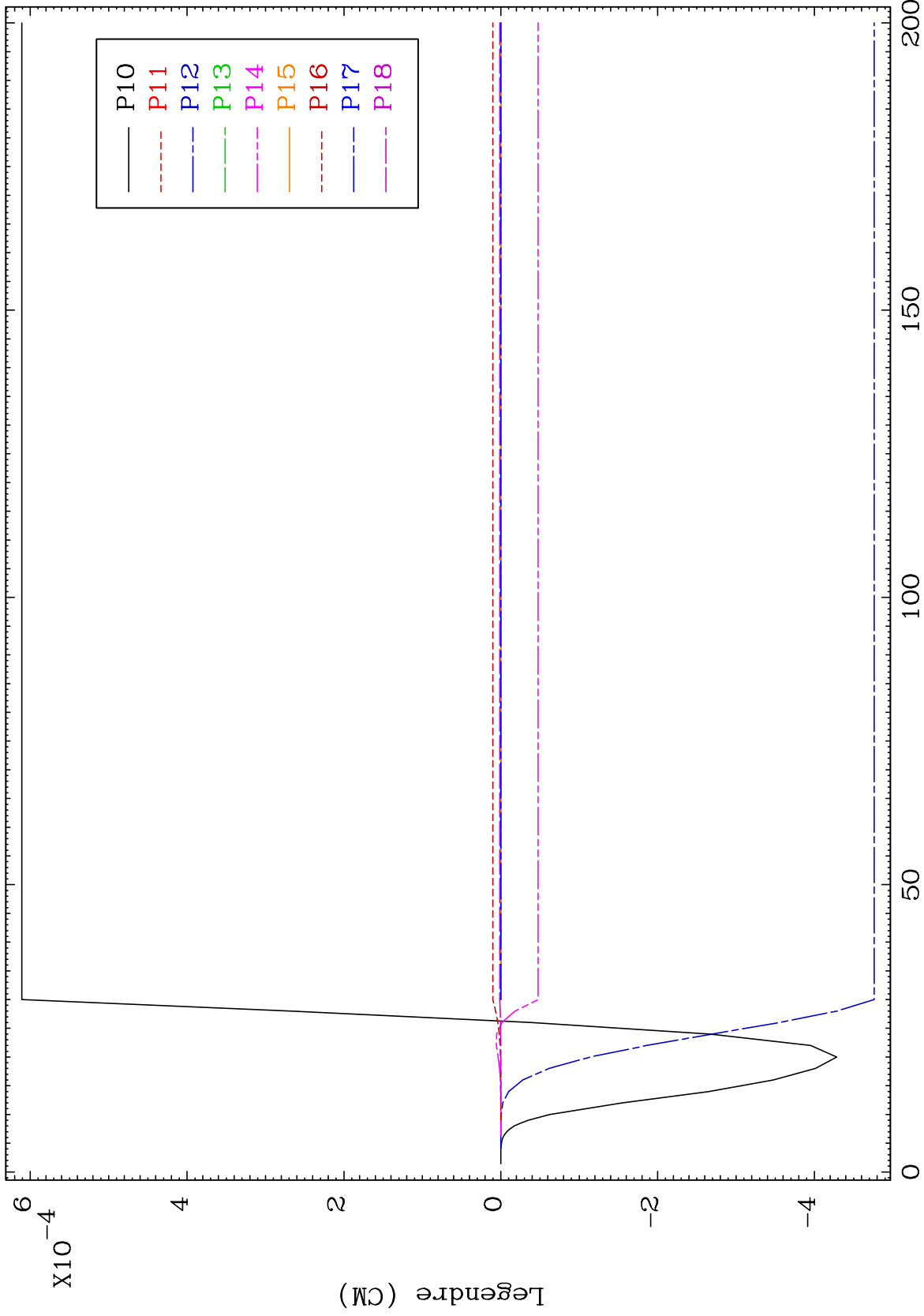
Incident Energy (MeV)

35-Br-74

MAT 3510

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

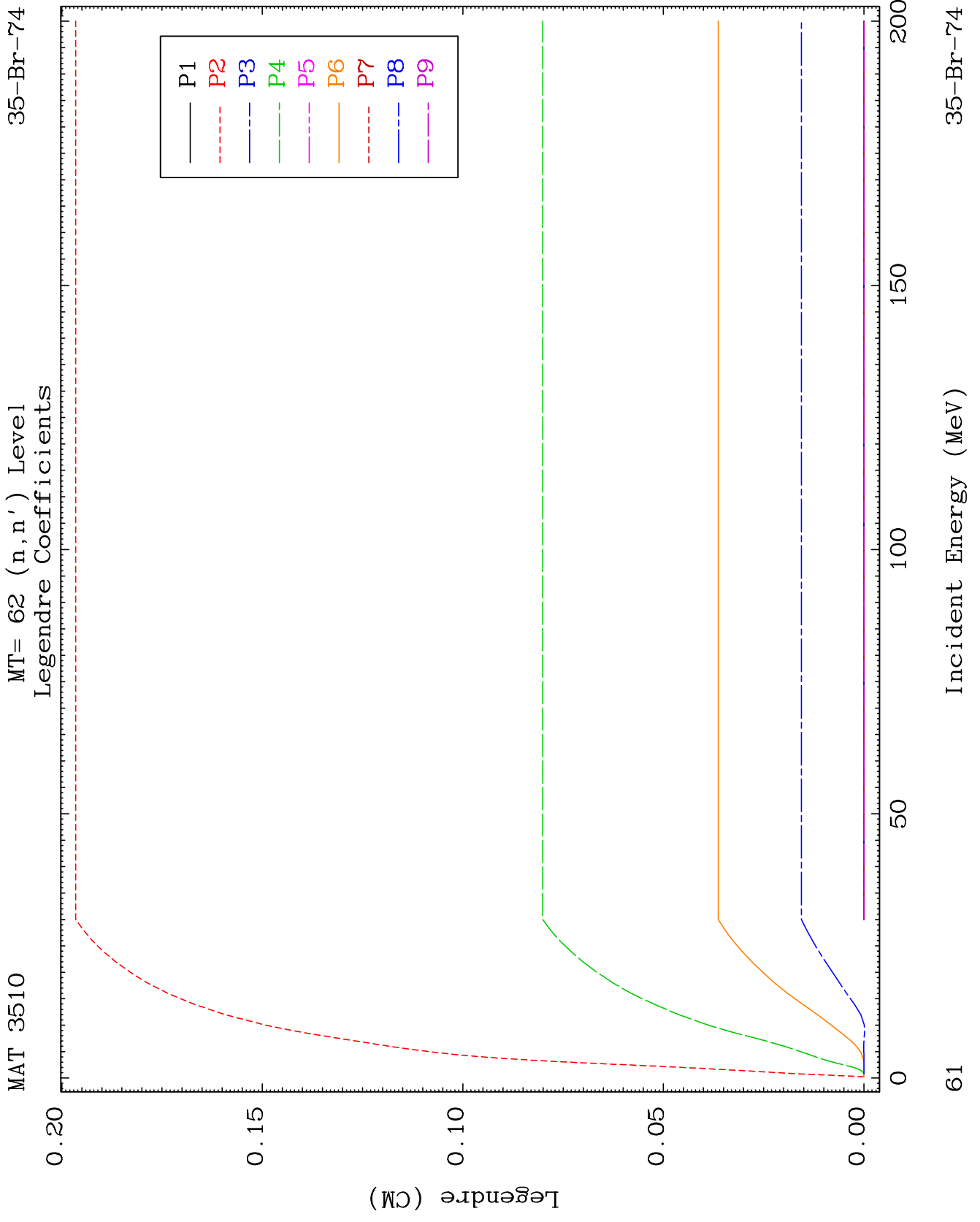
35-Br-74



59

Incident Energy (MeV)

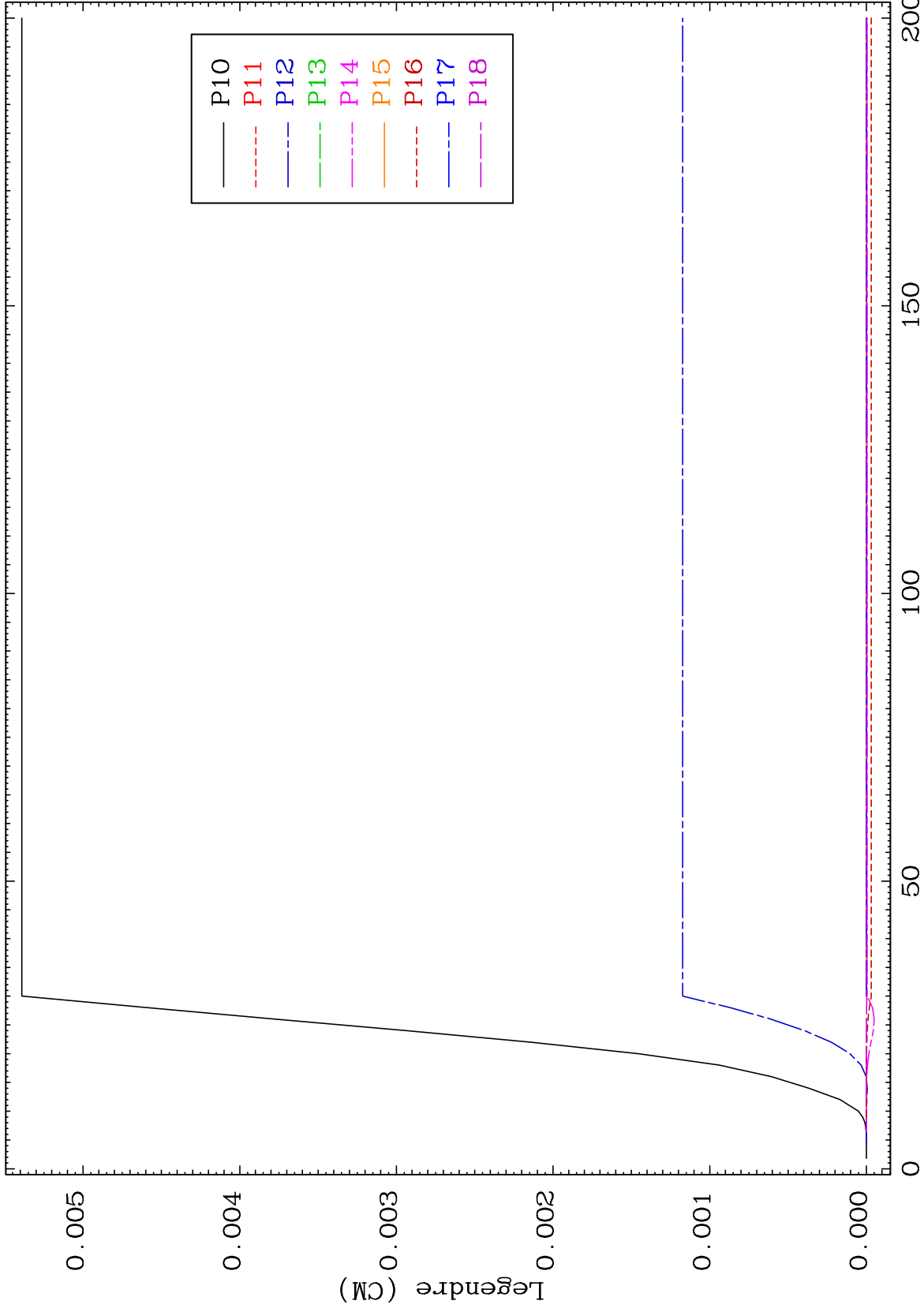
35-Br-74



MAT 3510

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

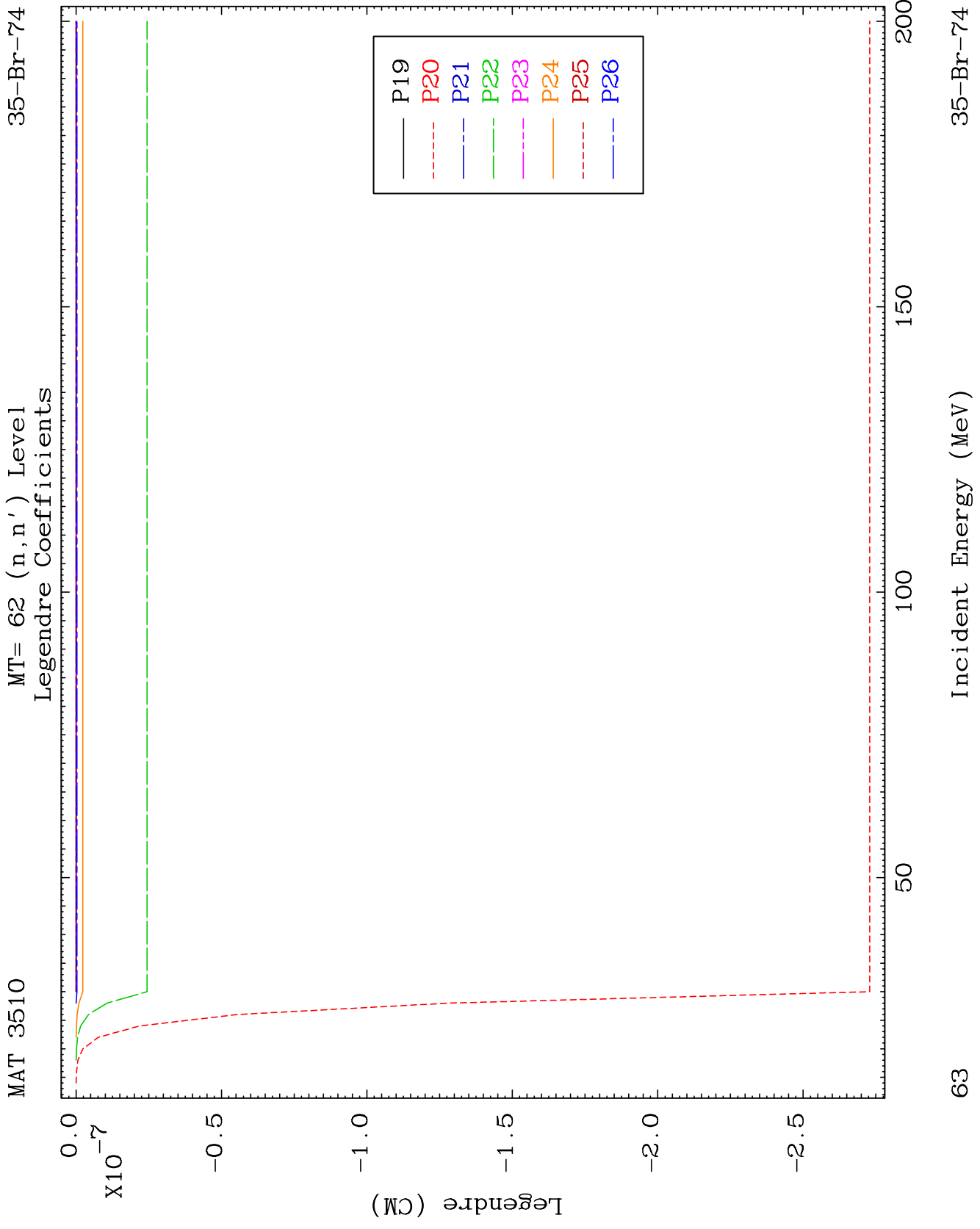
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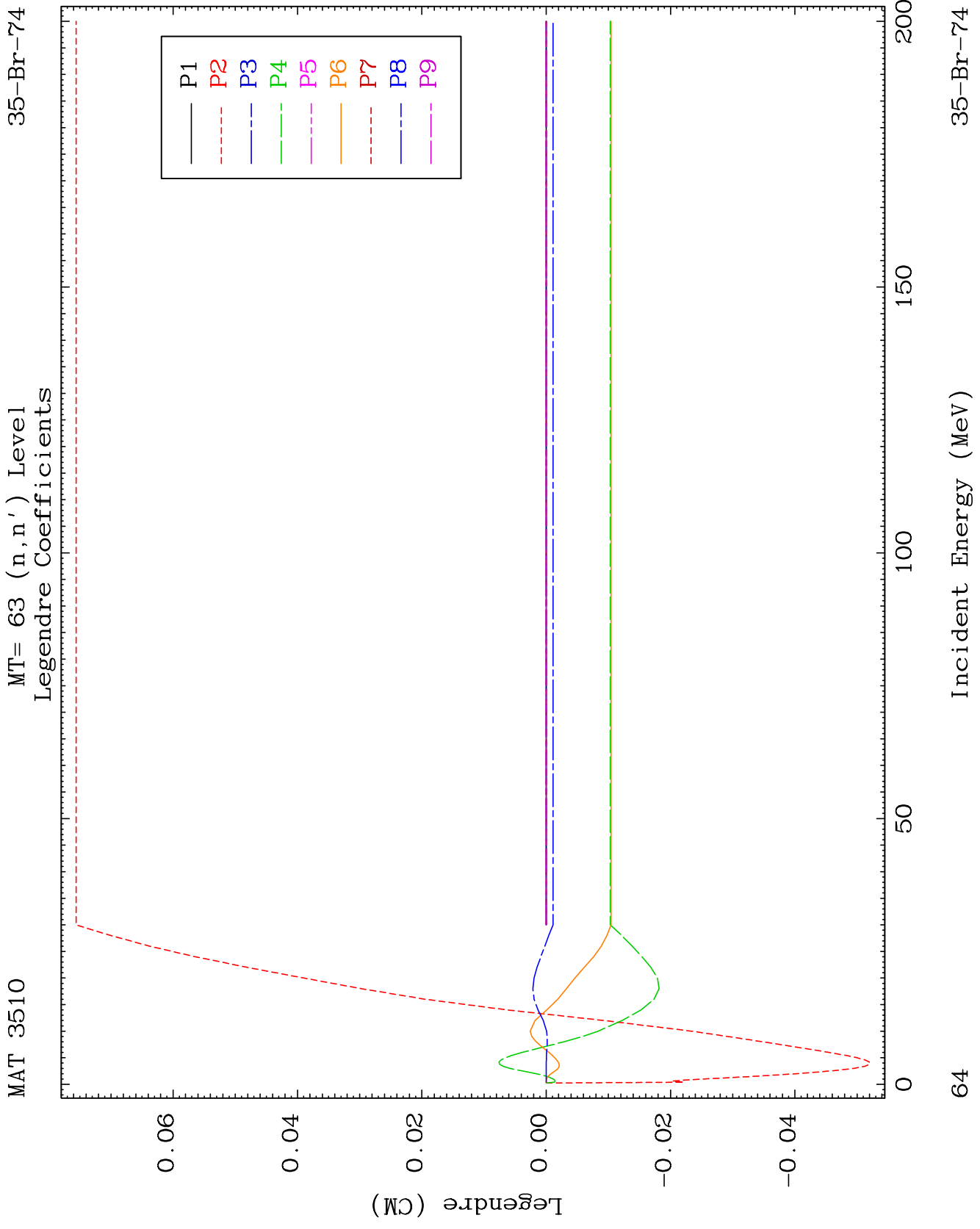


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Incident Energy (MeV)

35-Br-74

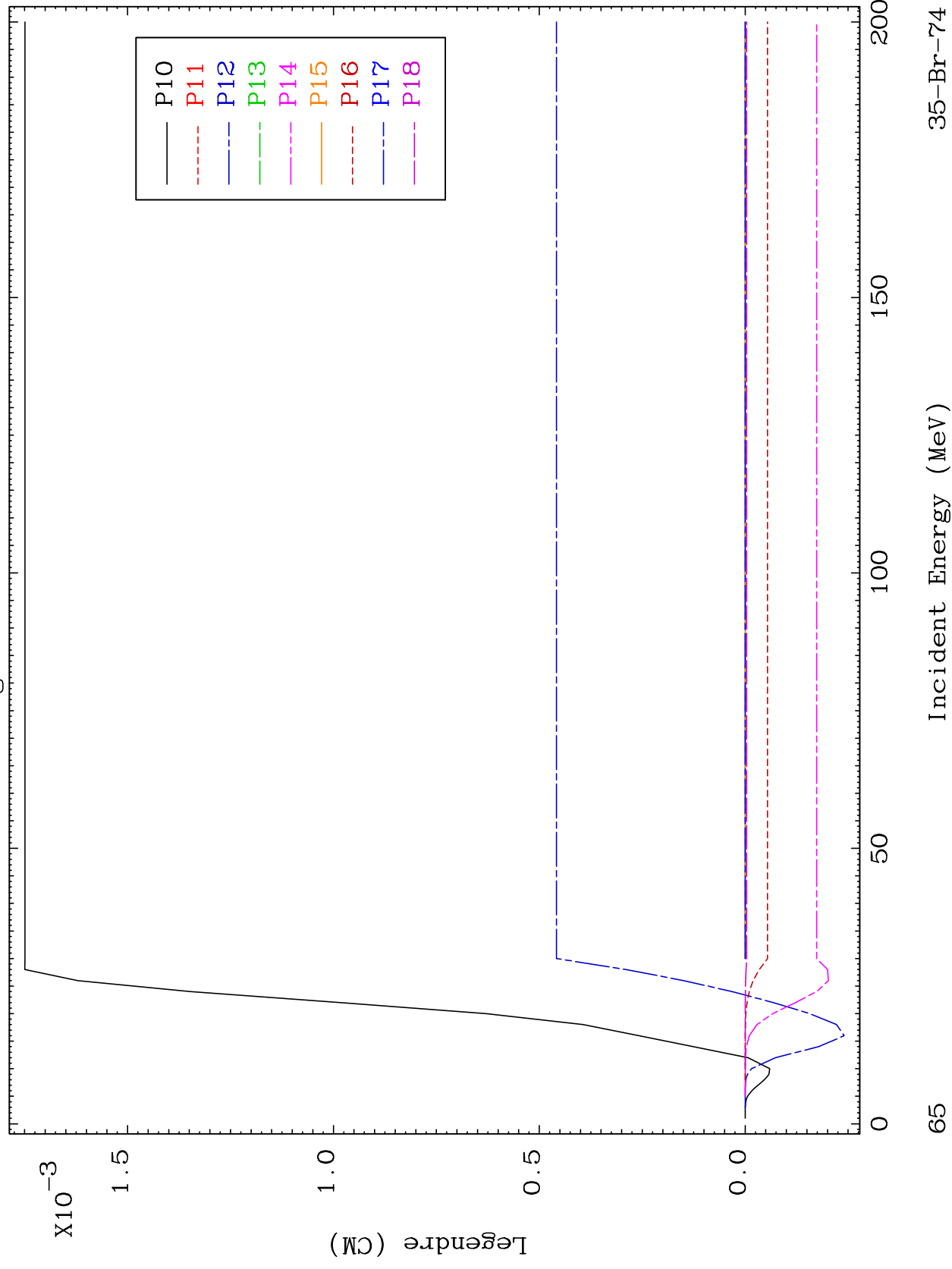




MAT 3510

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

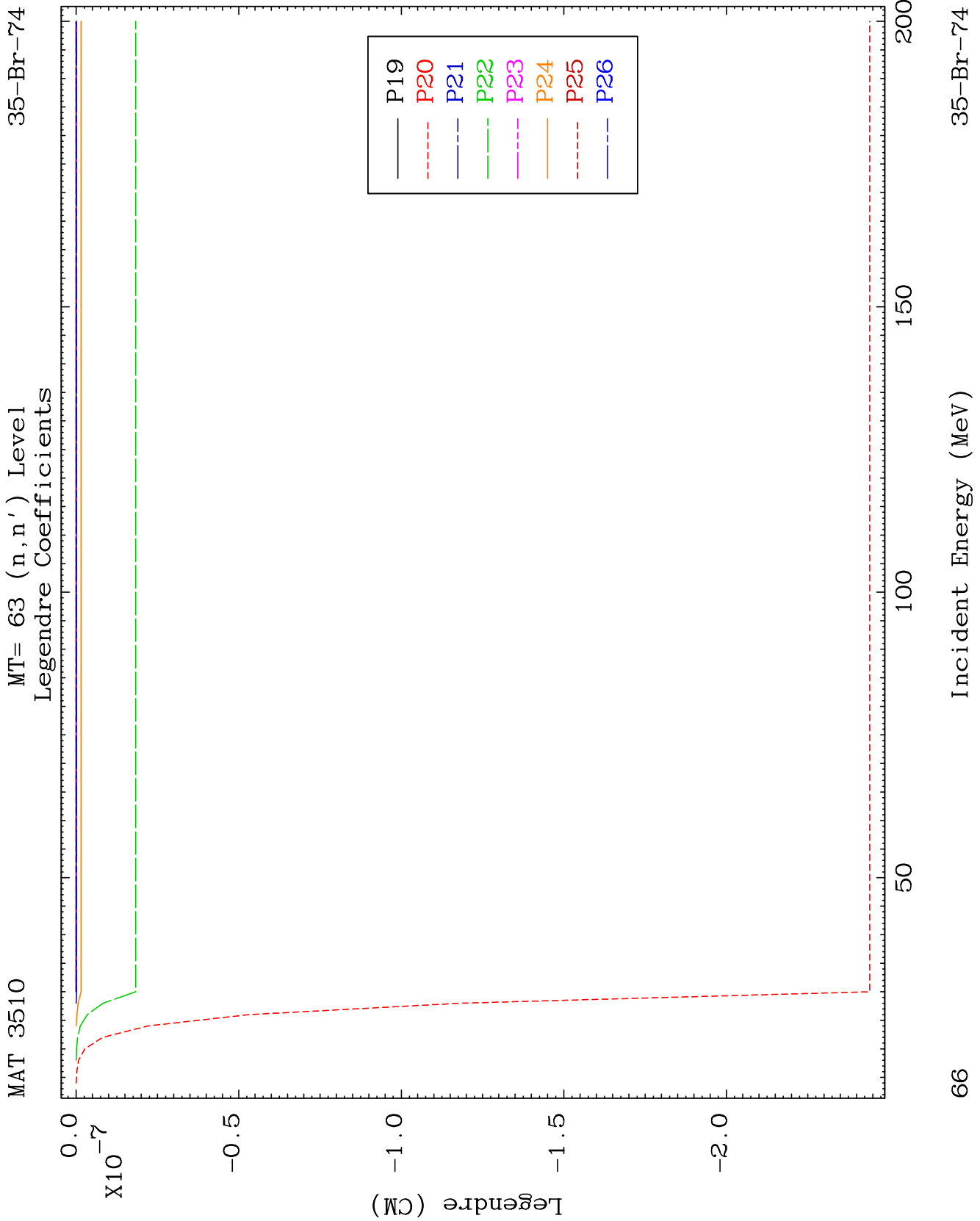
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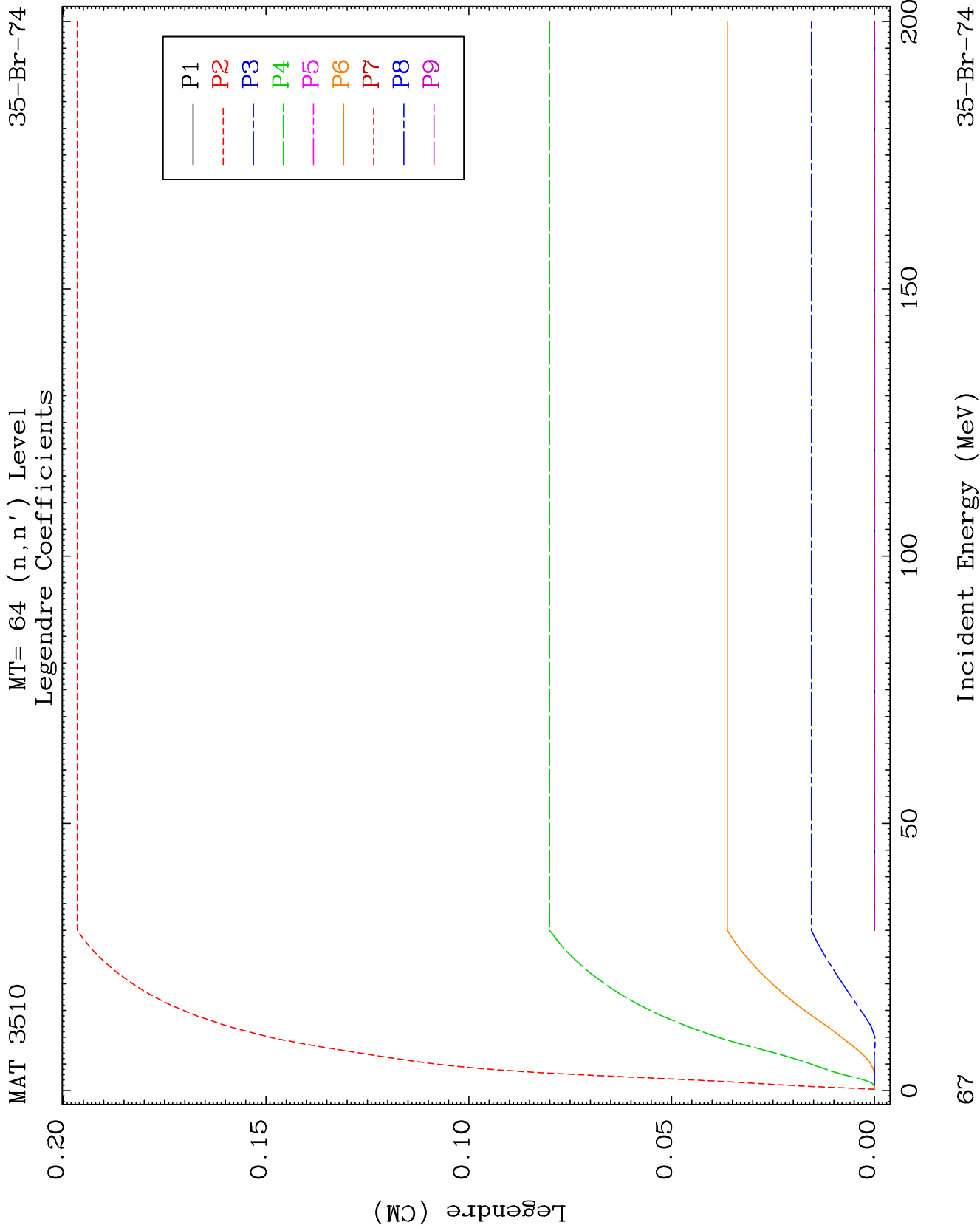


65

Incident Energy (MeV)

35-Br-74

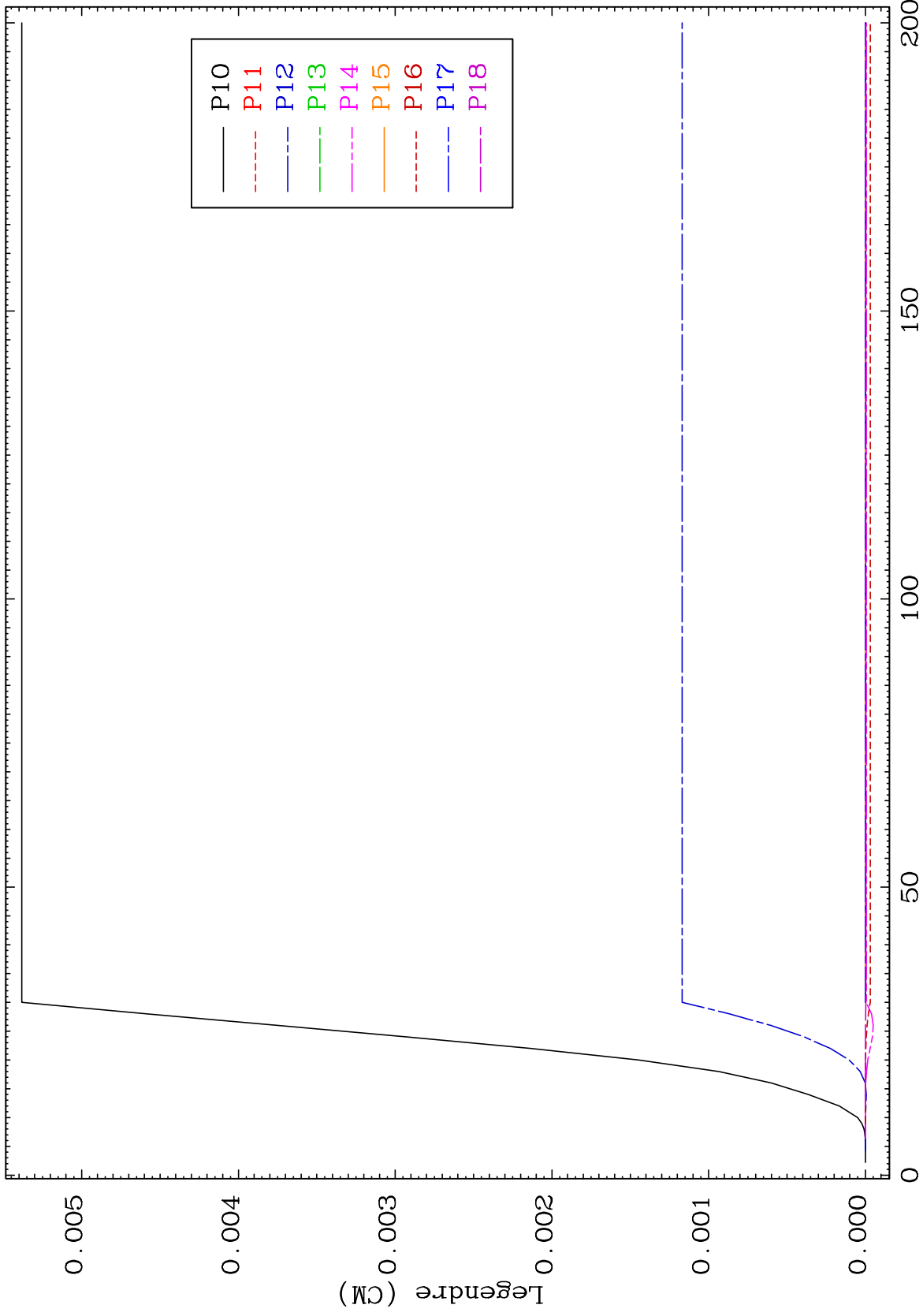




MAT 3510

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

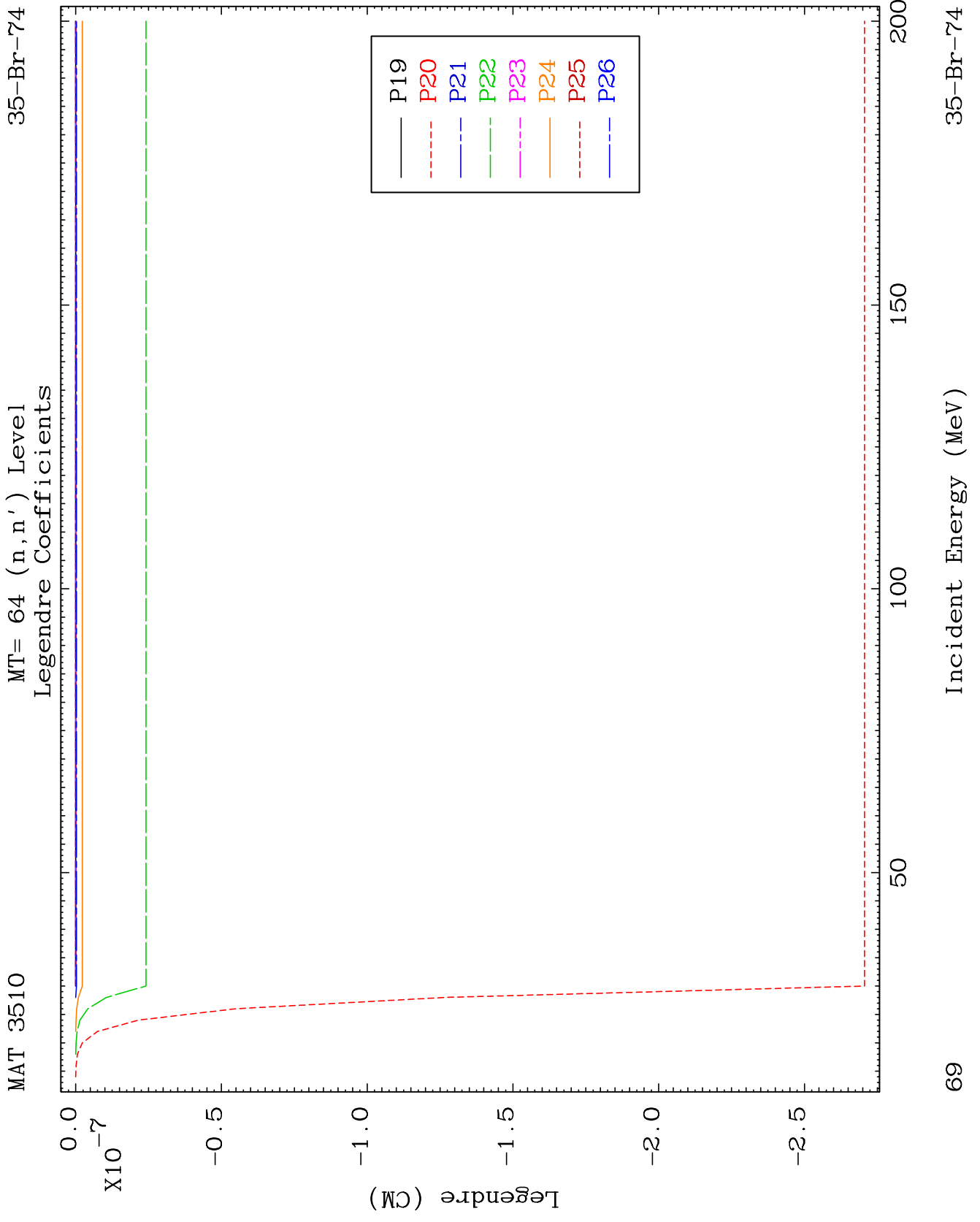
35-Br-74

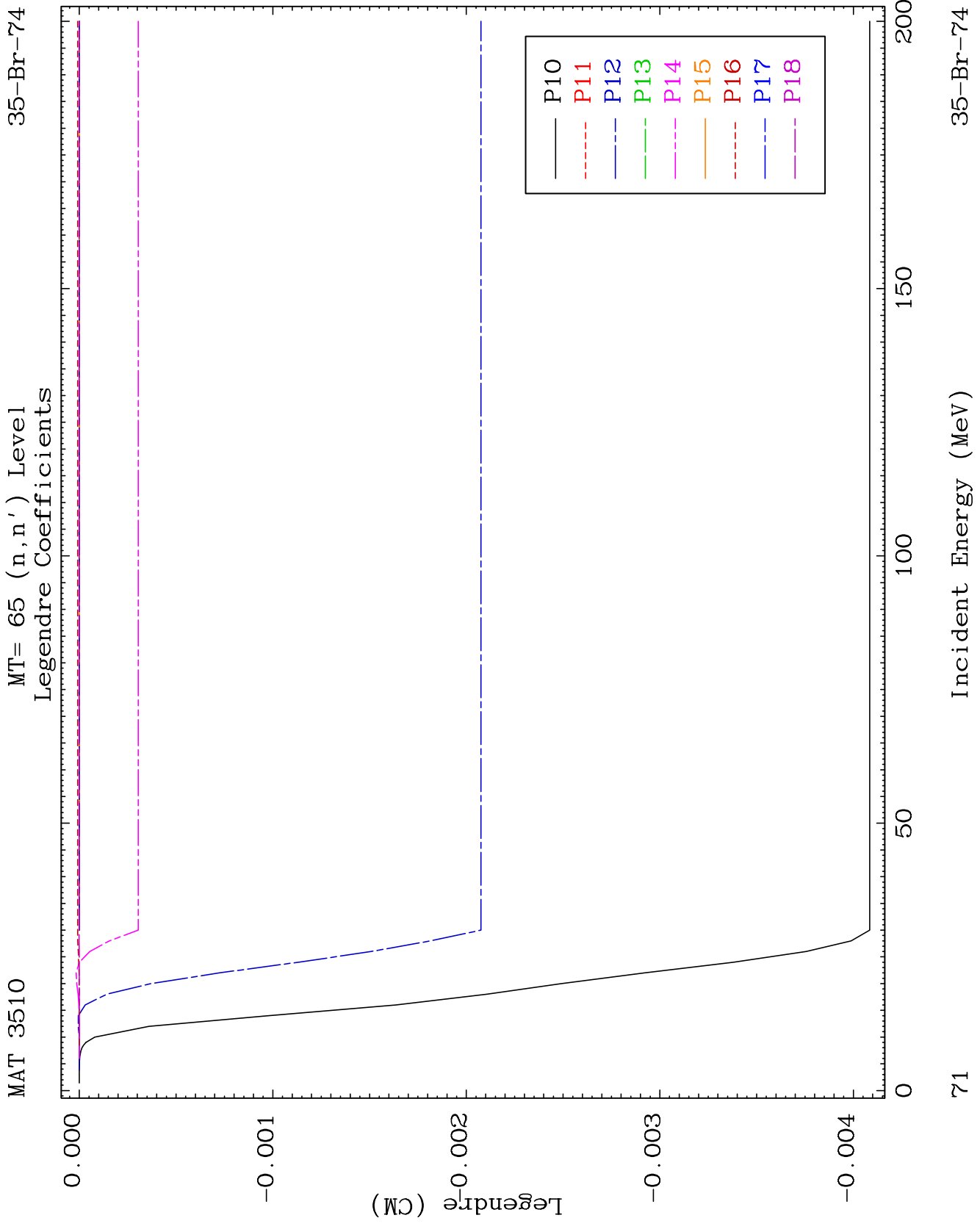


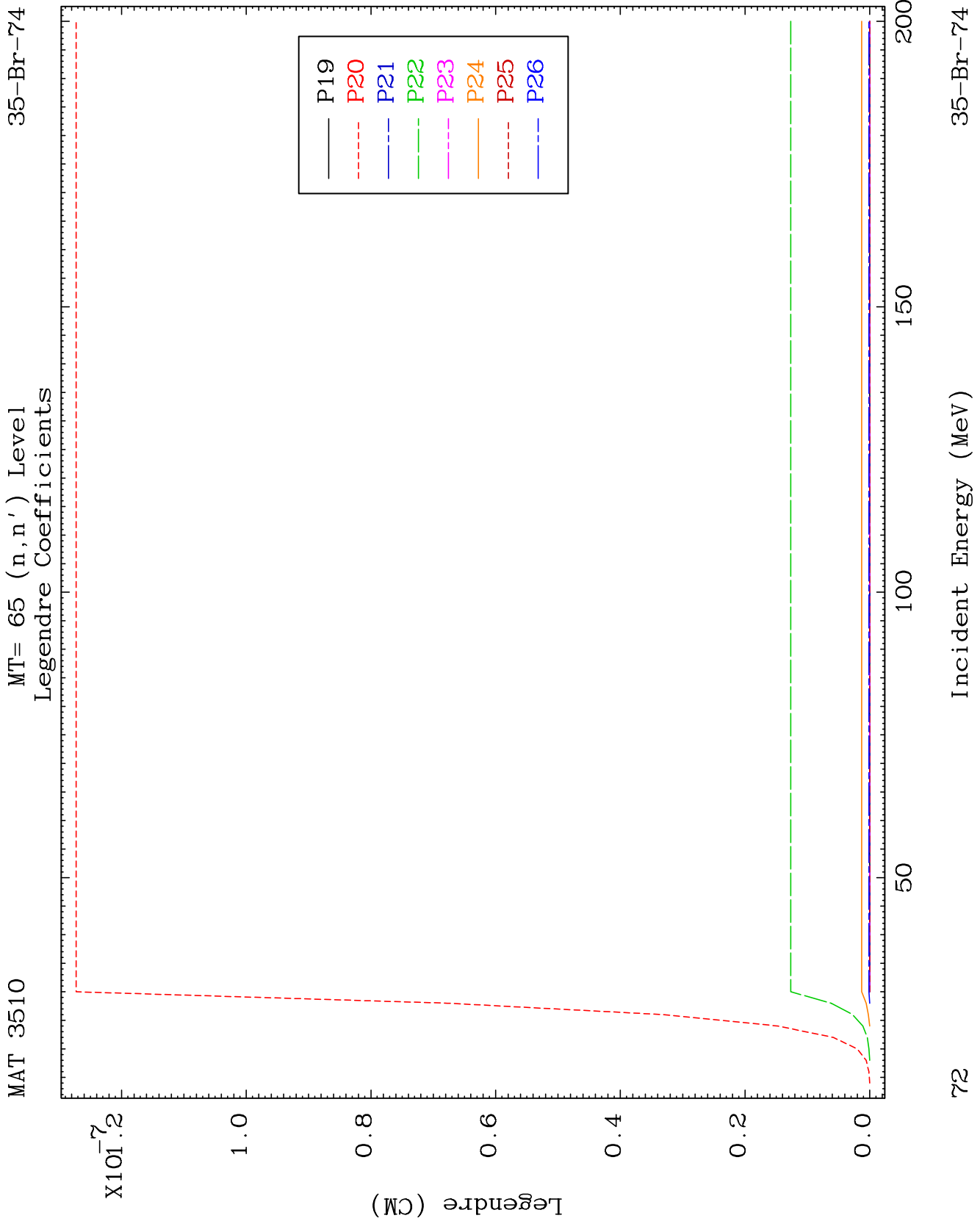
68

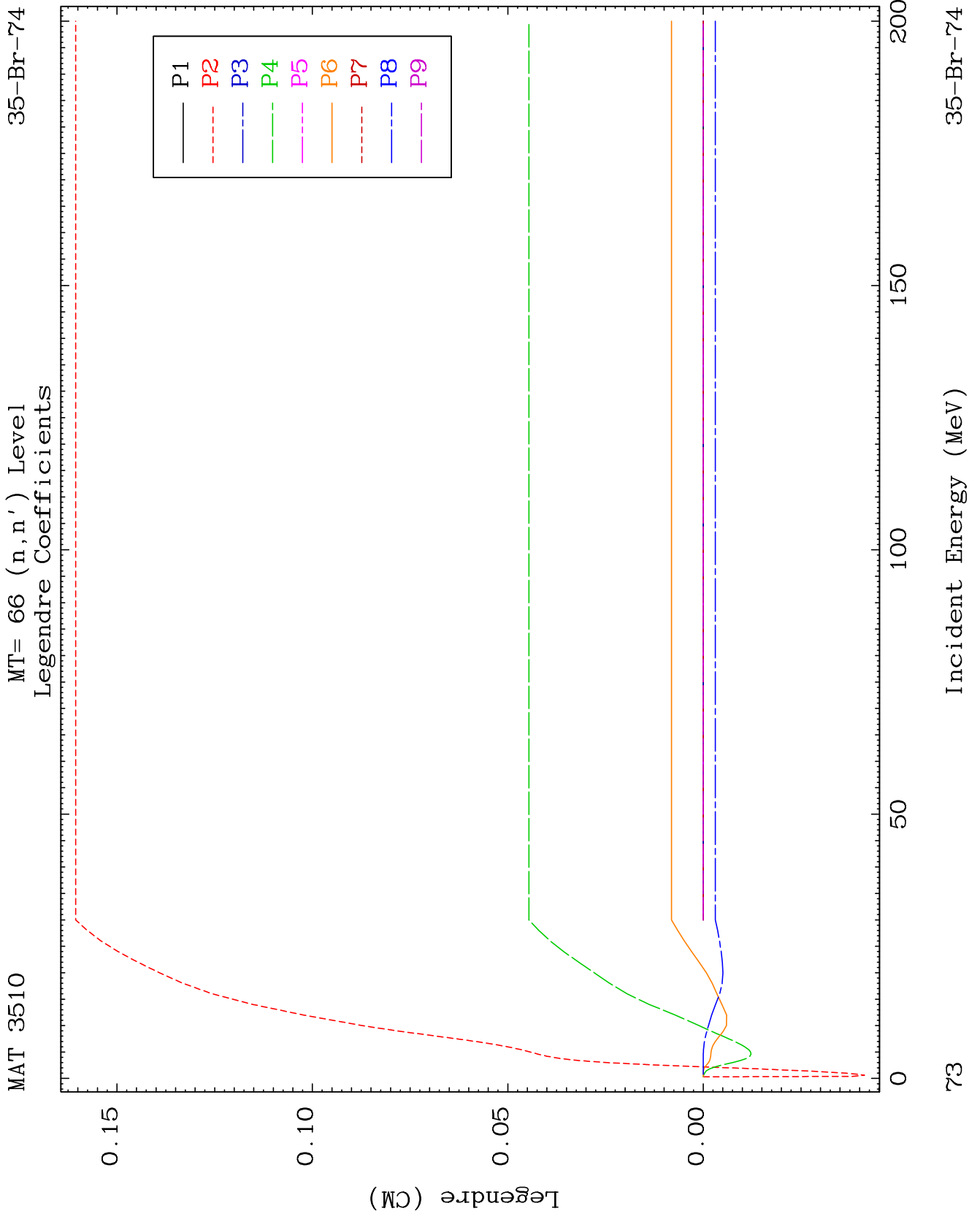
Incident Energy (MeV)

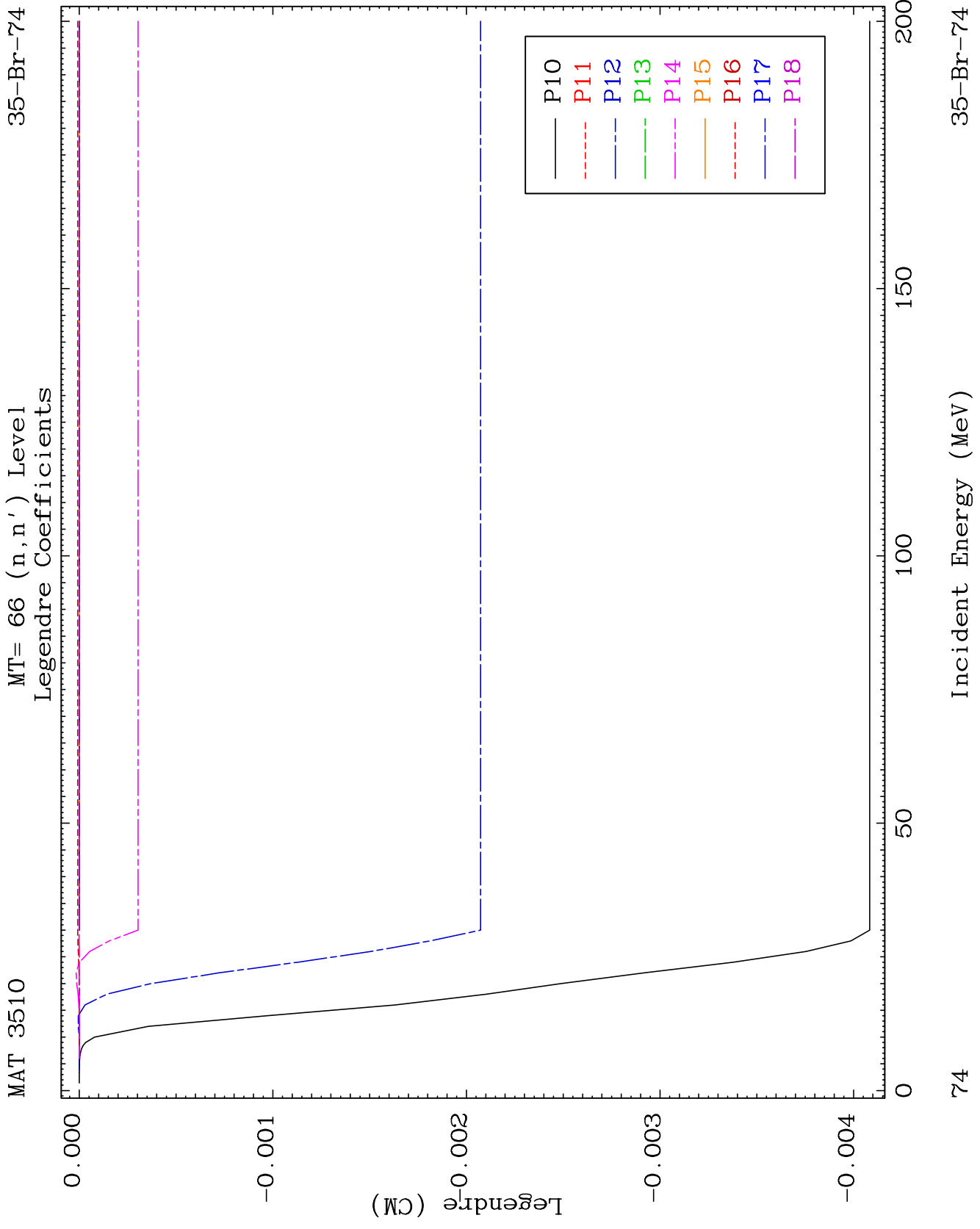
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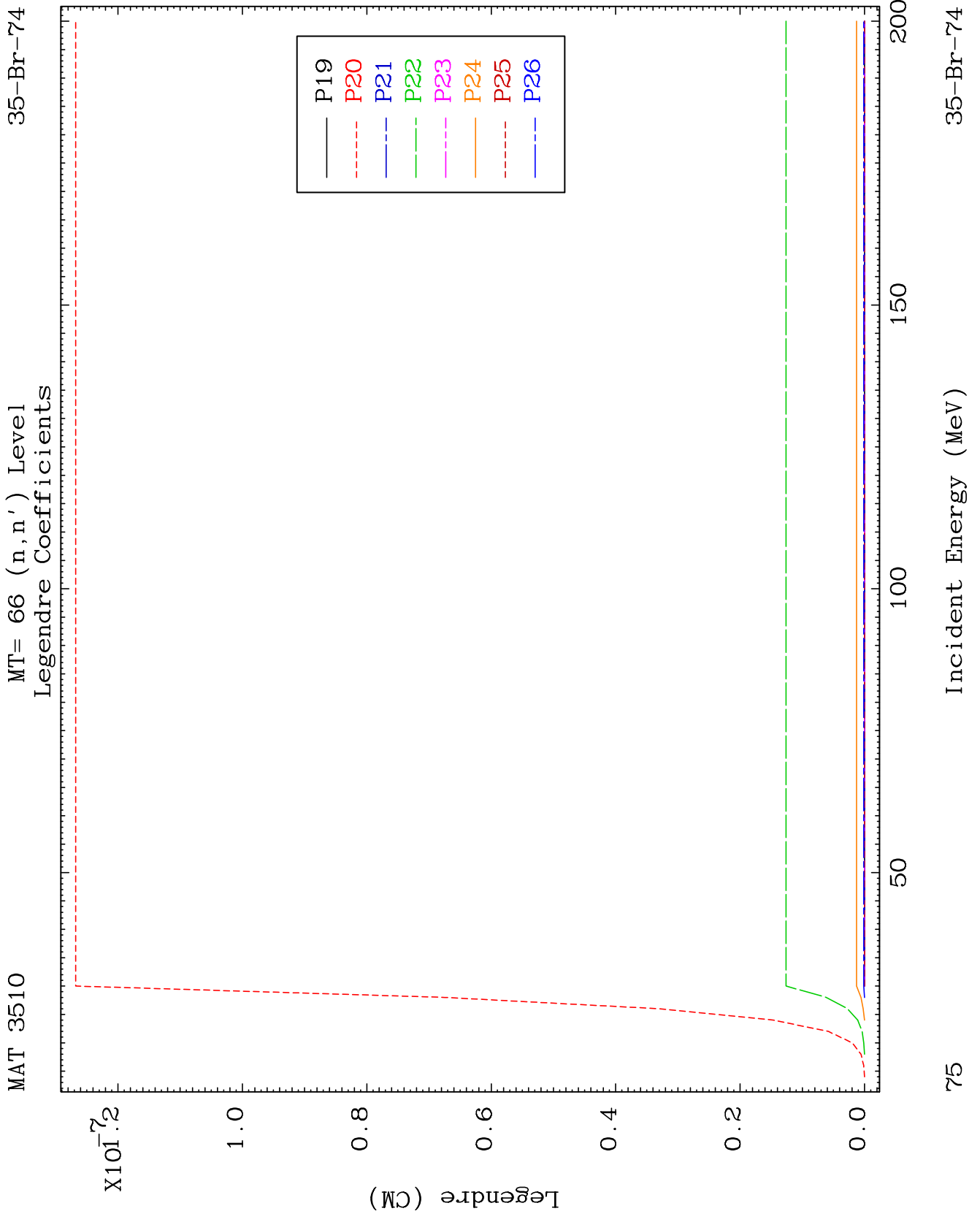


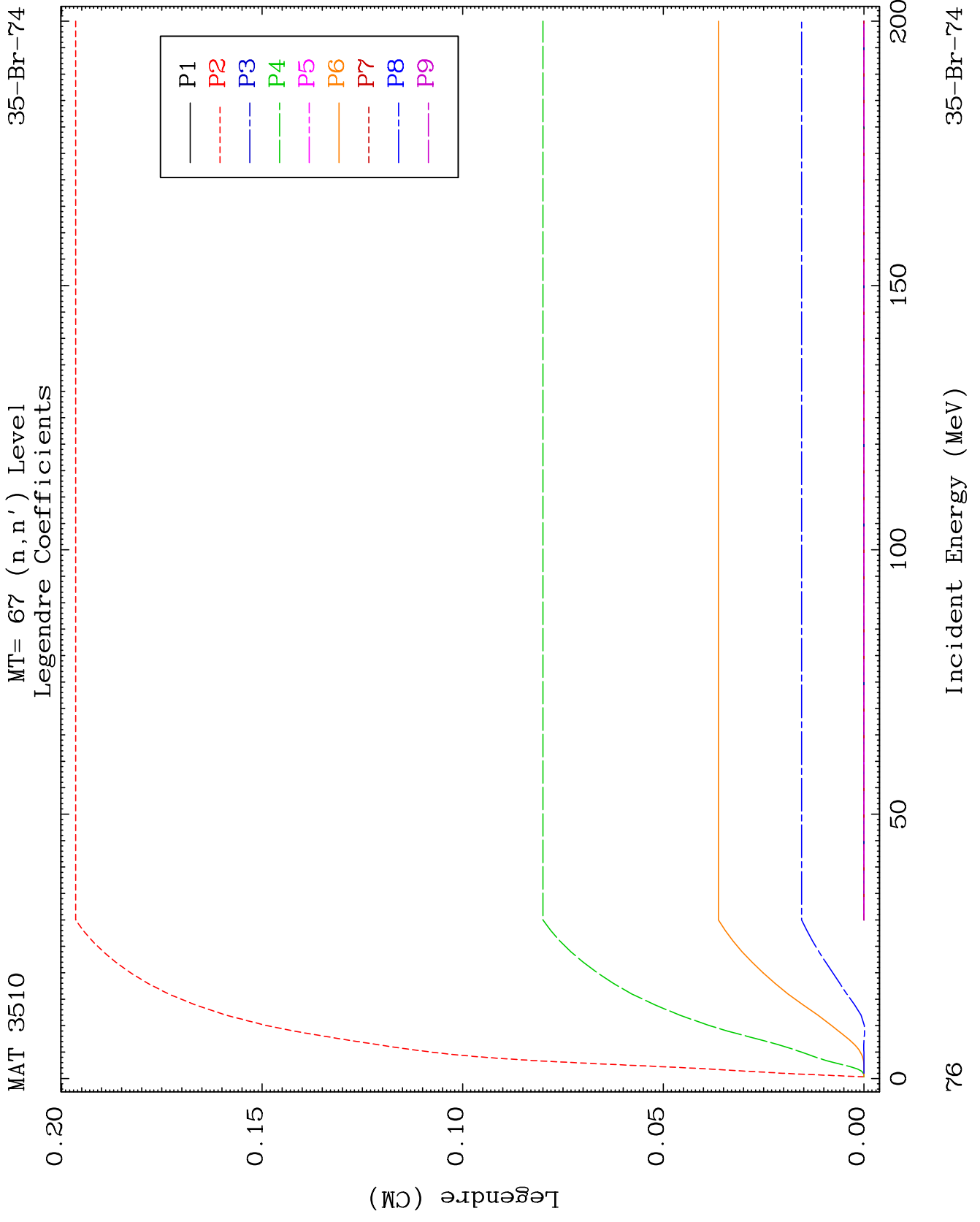








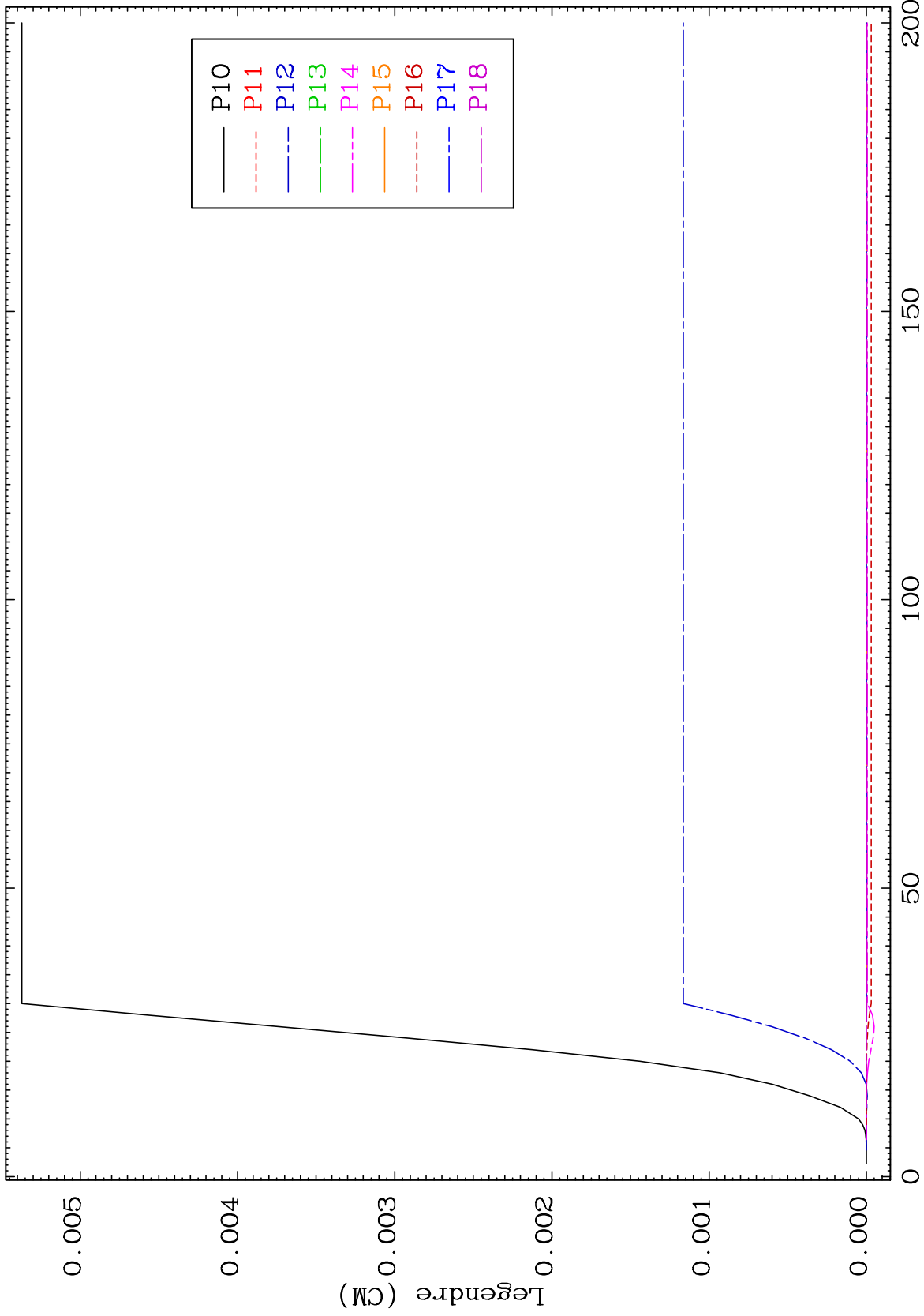




MAT 3510

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

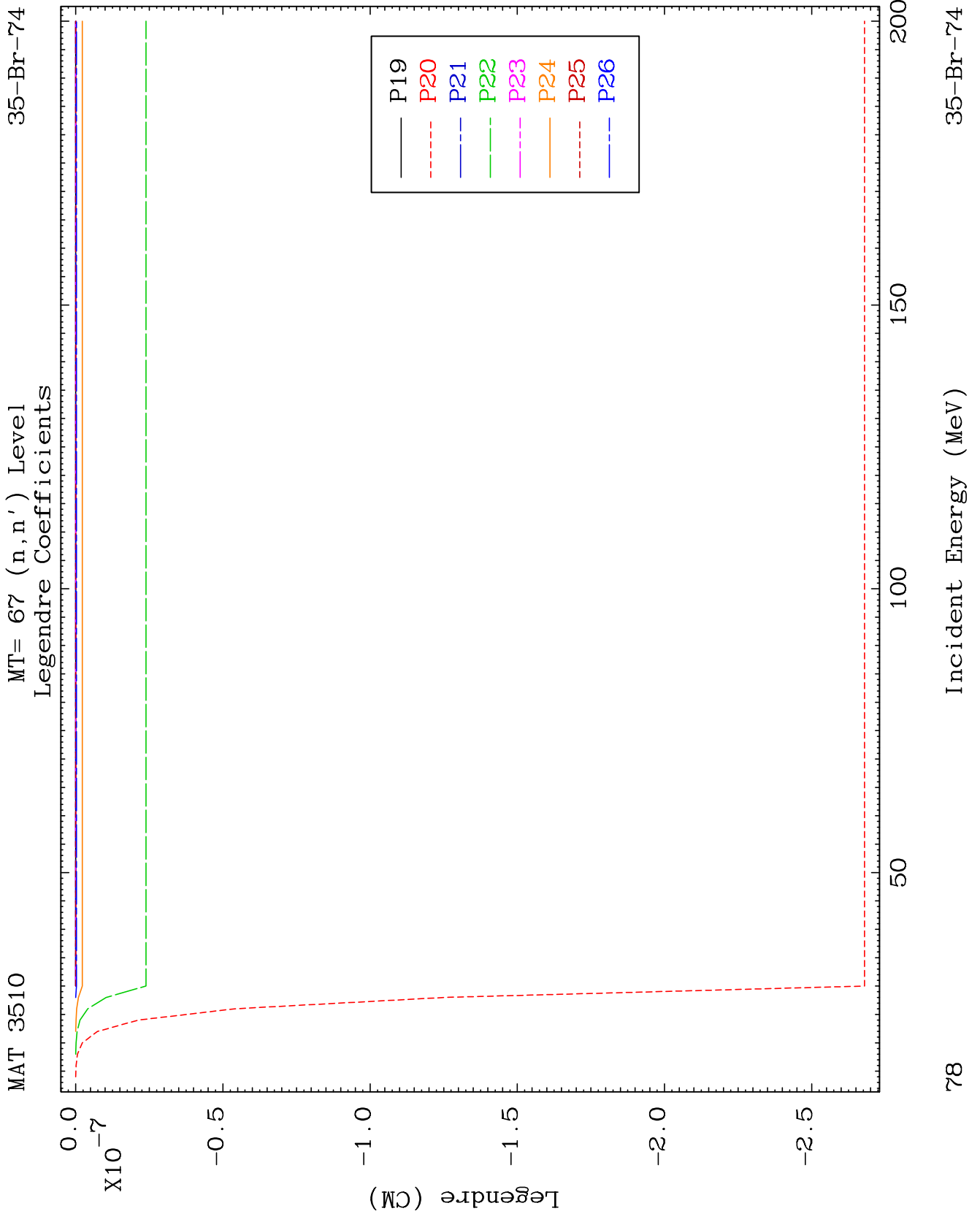
35-Br-74



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Incident Energy (MeV)

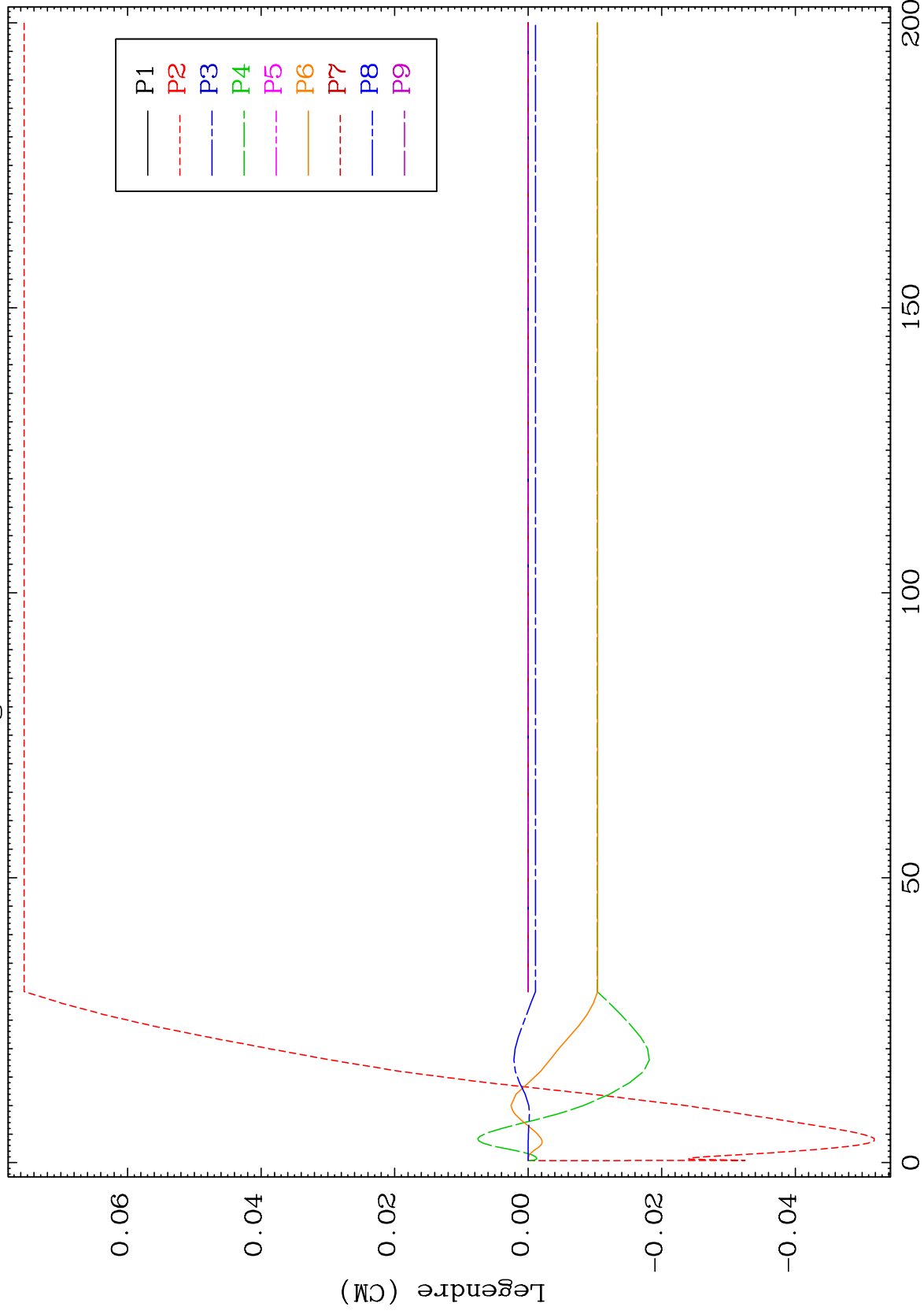
35-Br-74



MAT 3510

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

35-Br-74



79

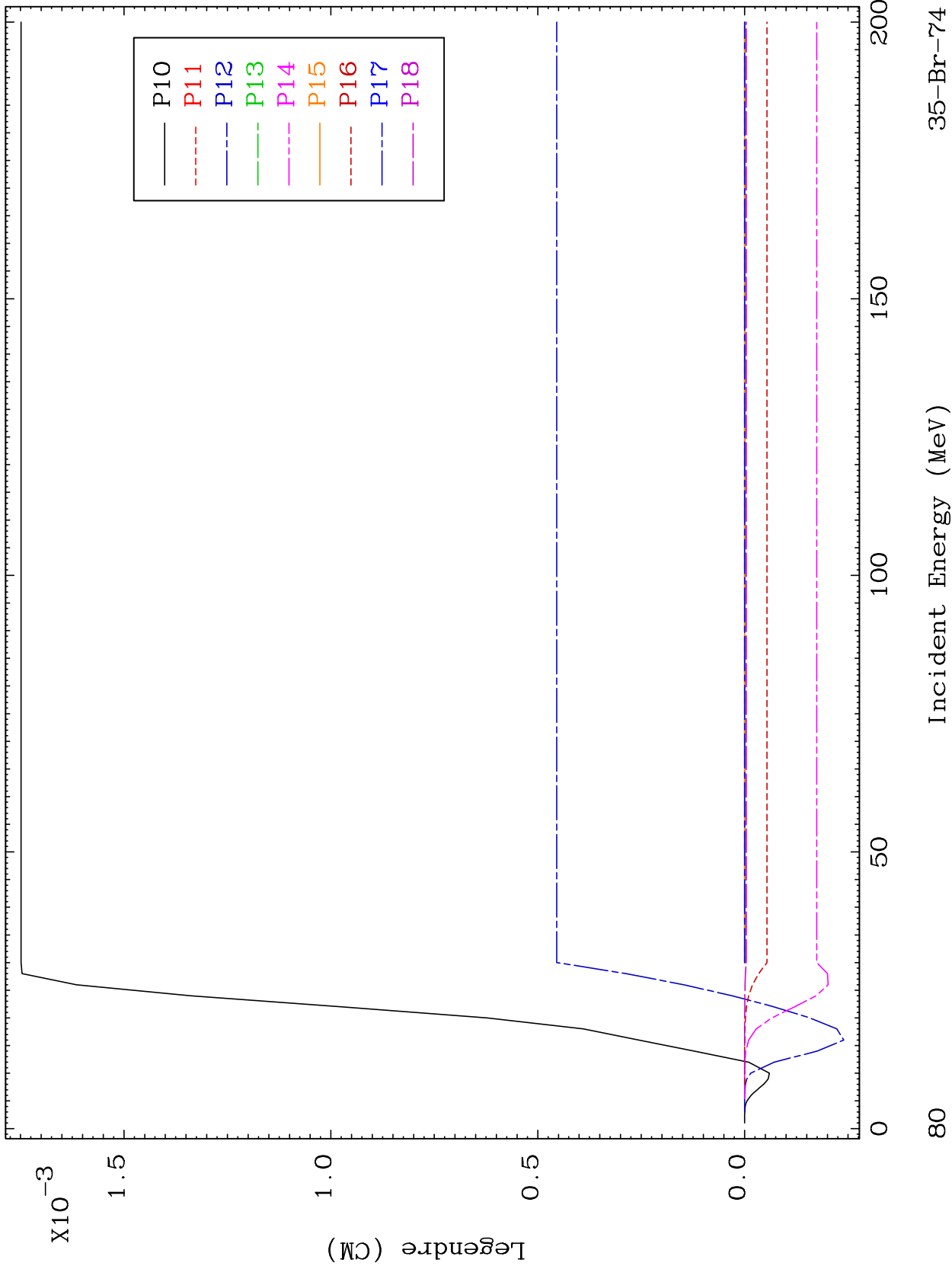
Incident Energy (MeV)

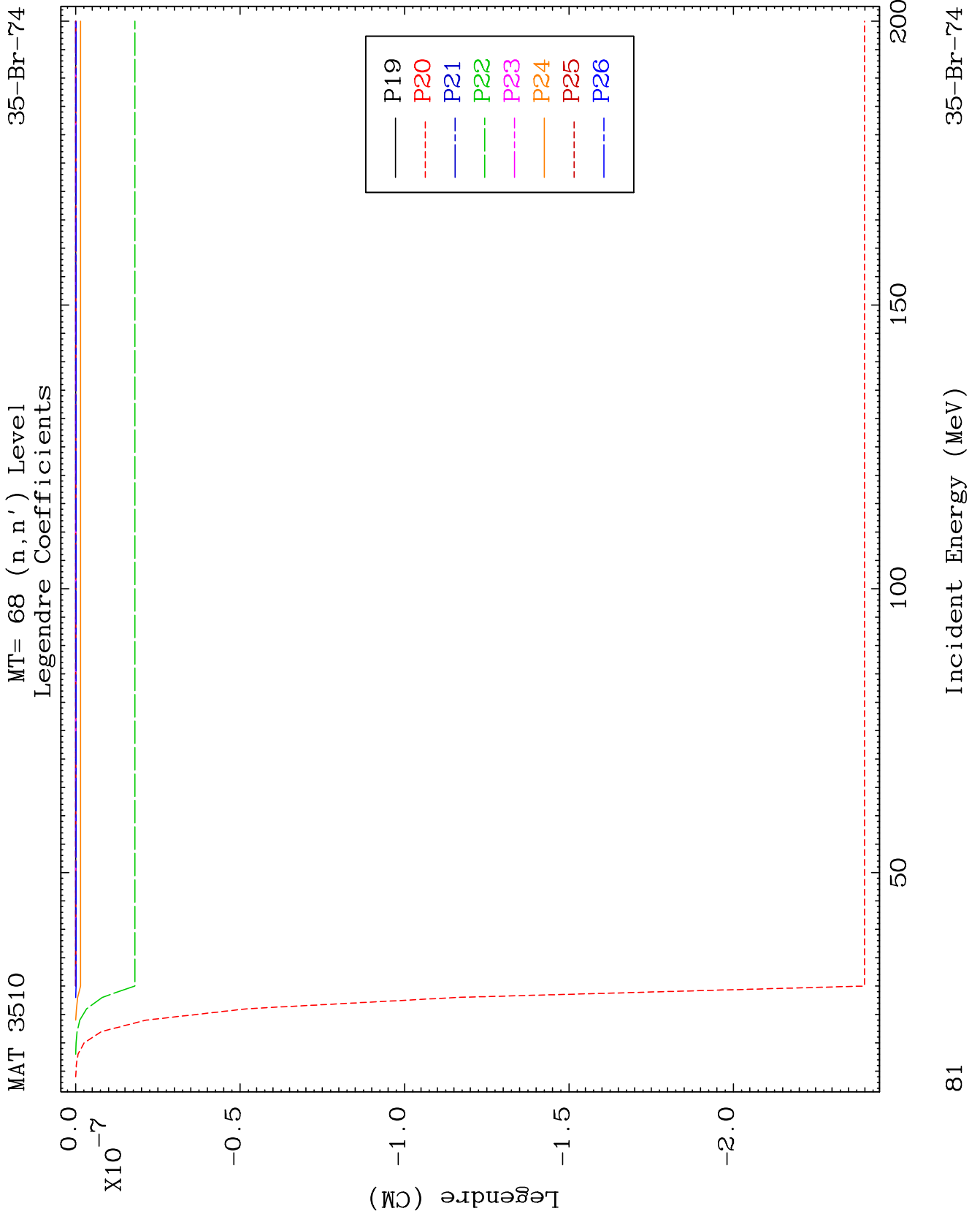
35-Br-74

MAT 3510

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

35-Br-74

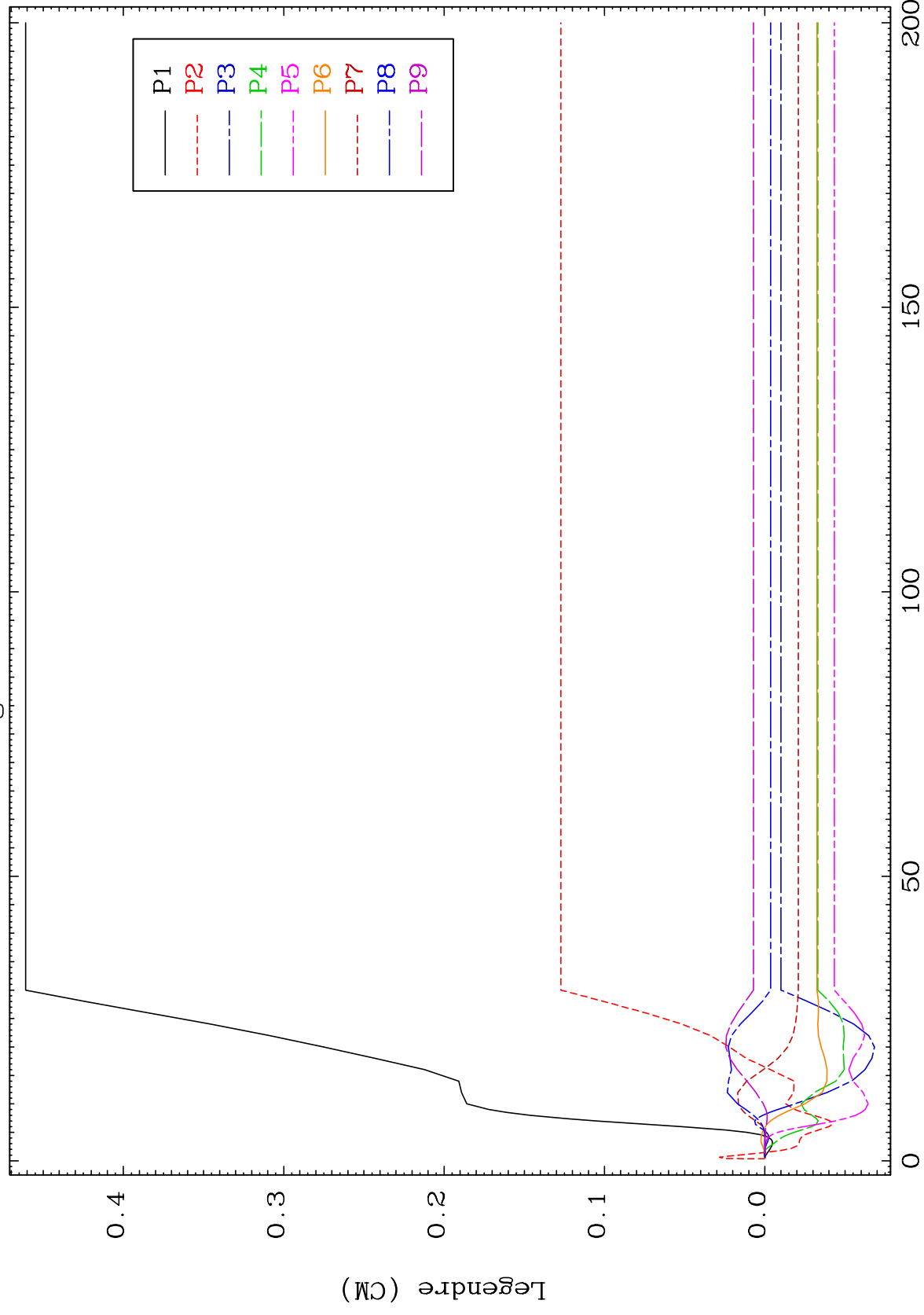




MAT 3510

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

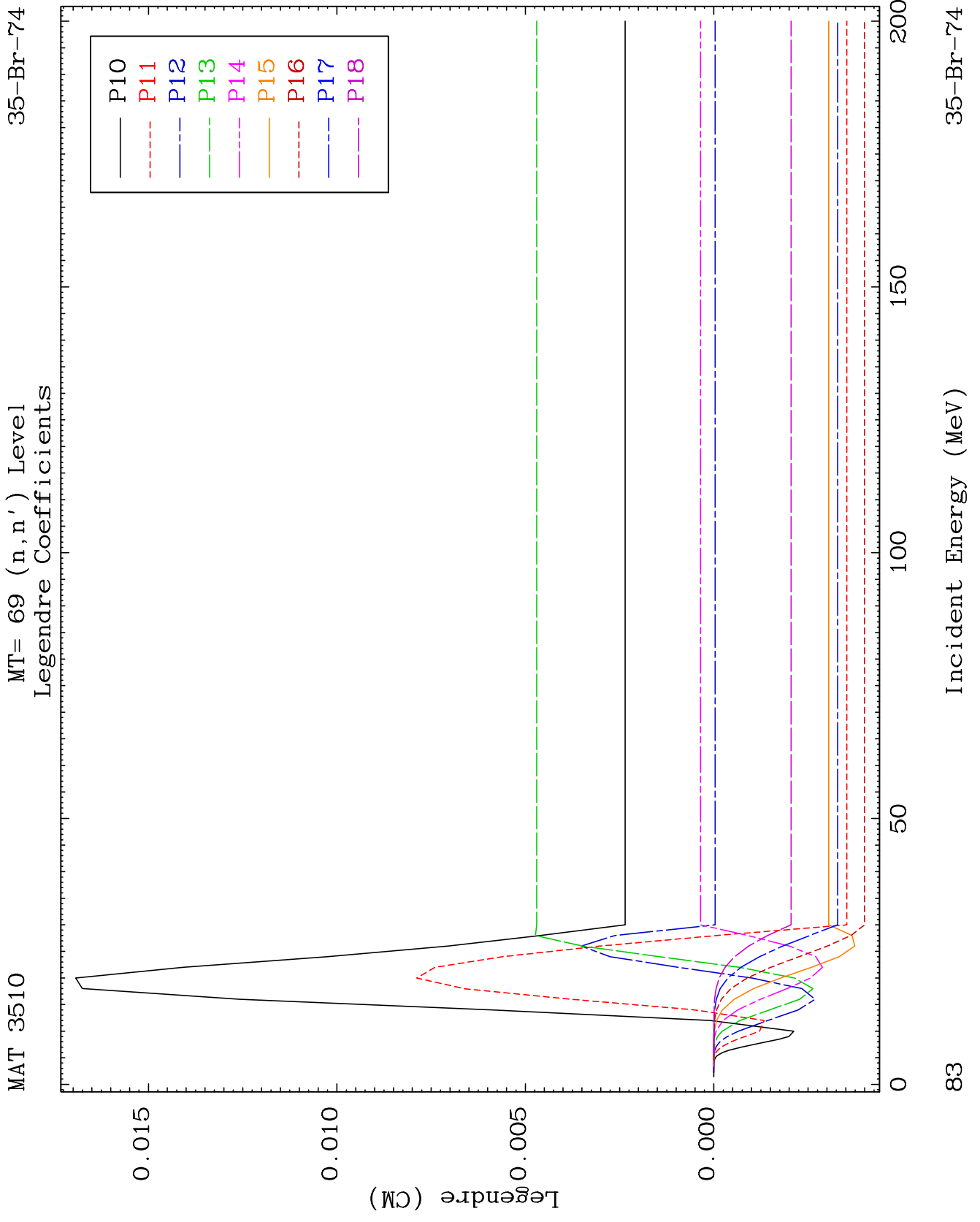
35-Br-74

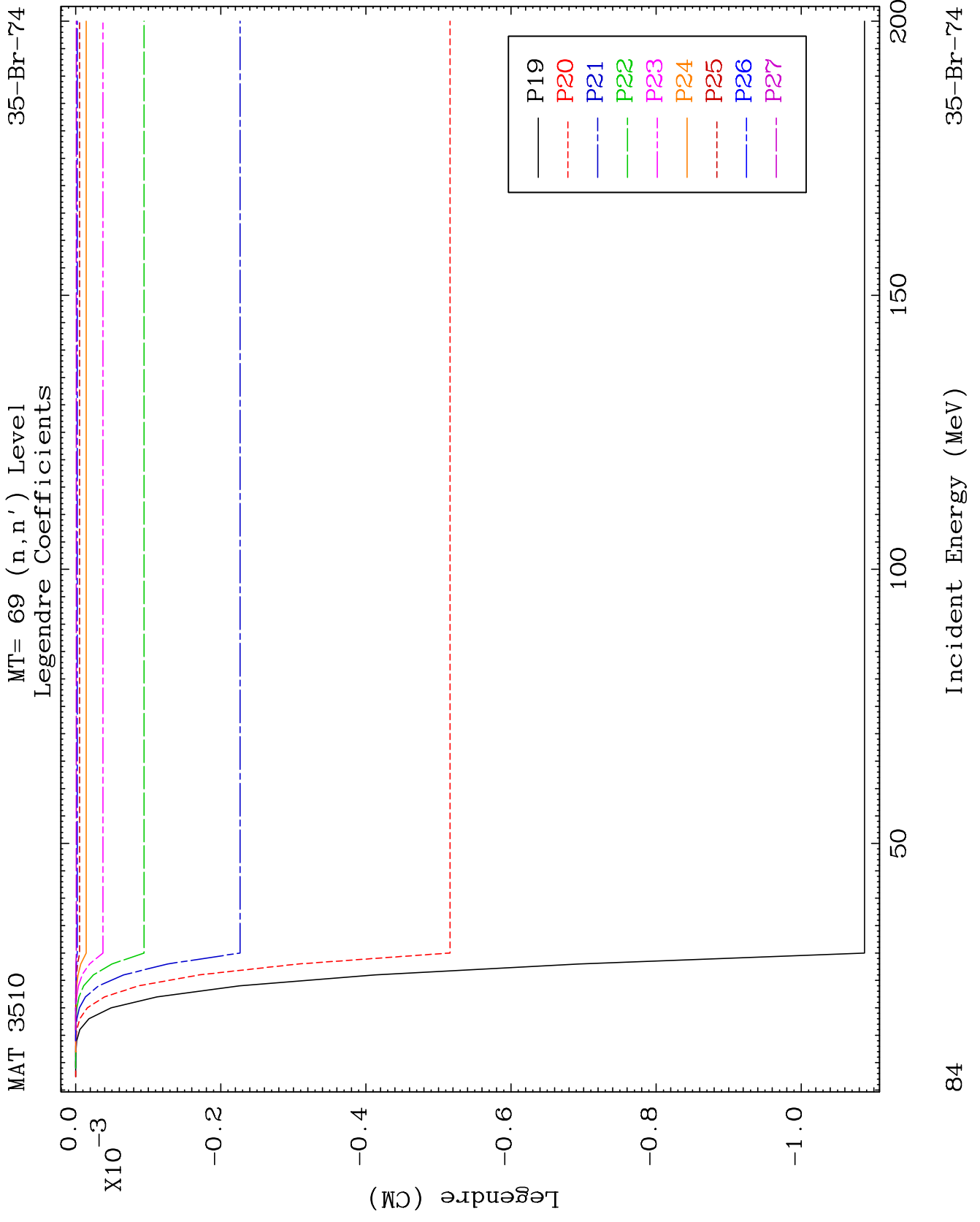


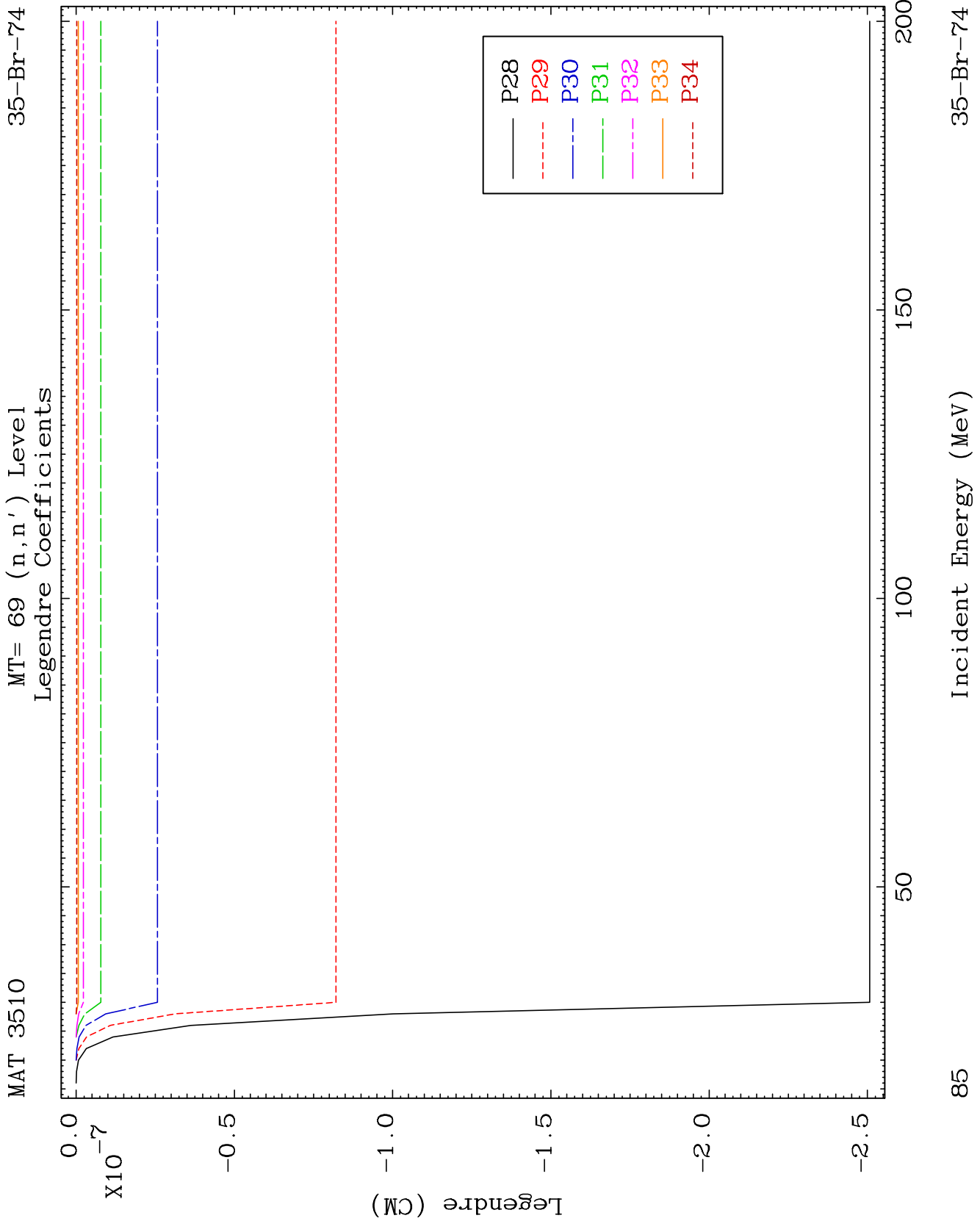
82

Incident Energy (MeV)

35-Br-74



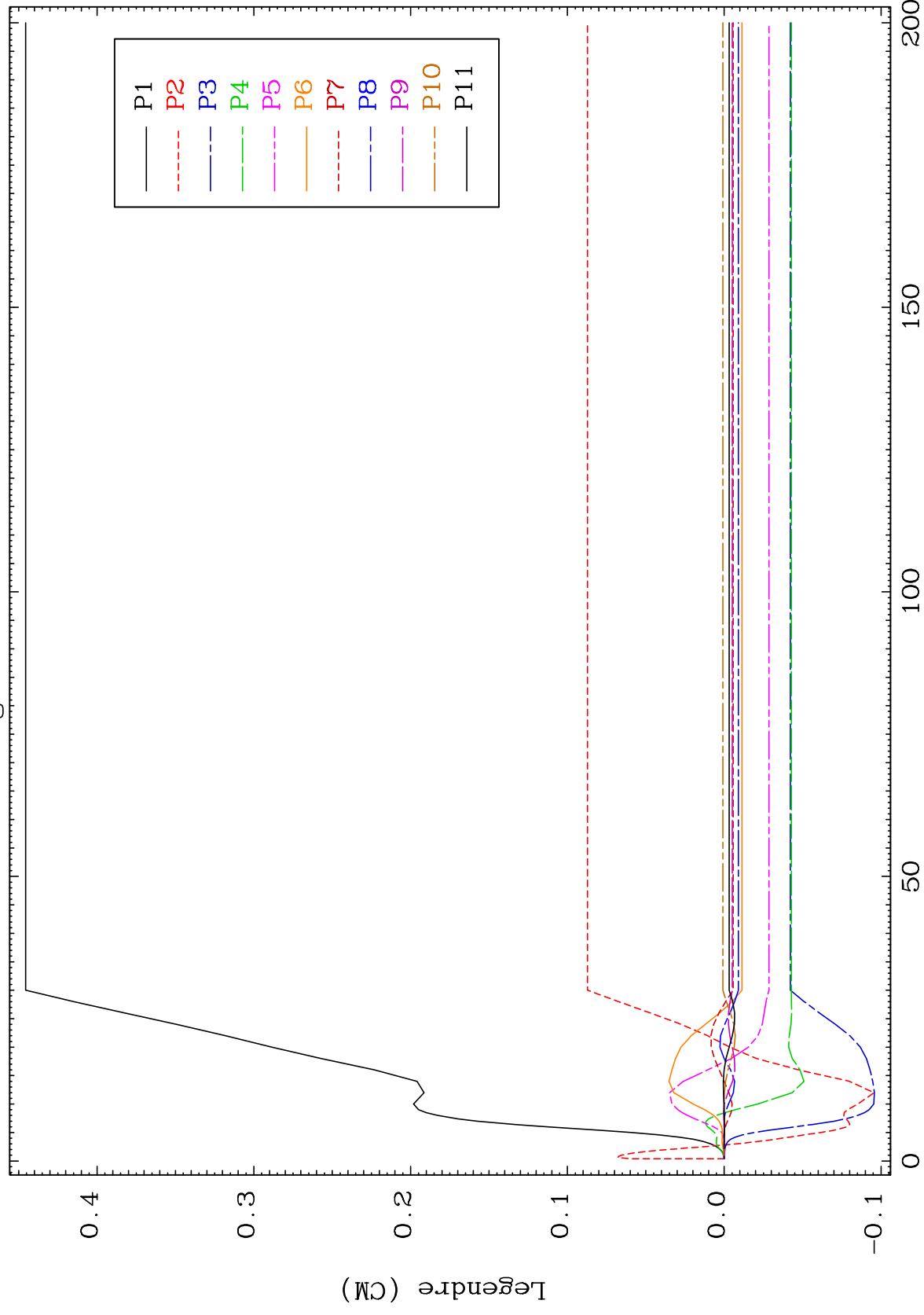




MAT 3510

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

35-Br-74



86

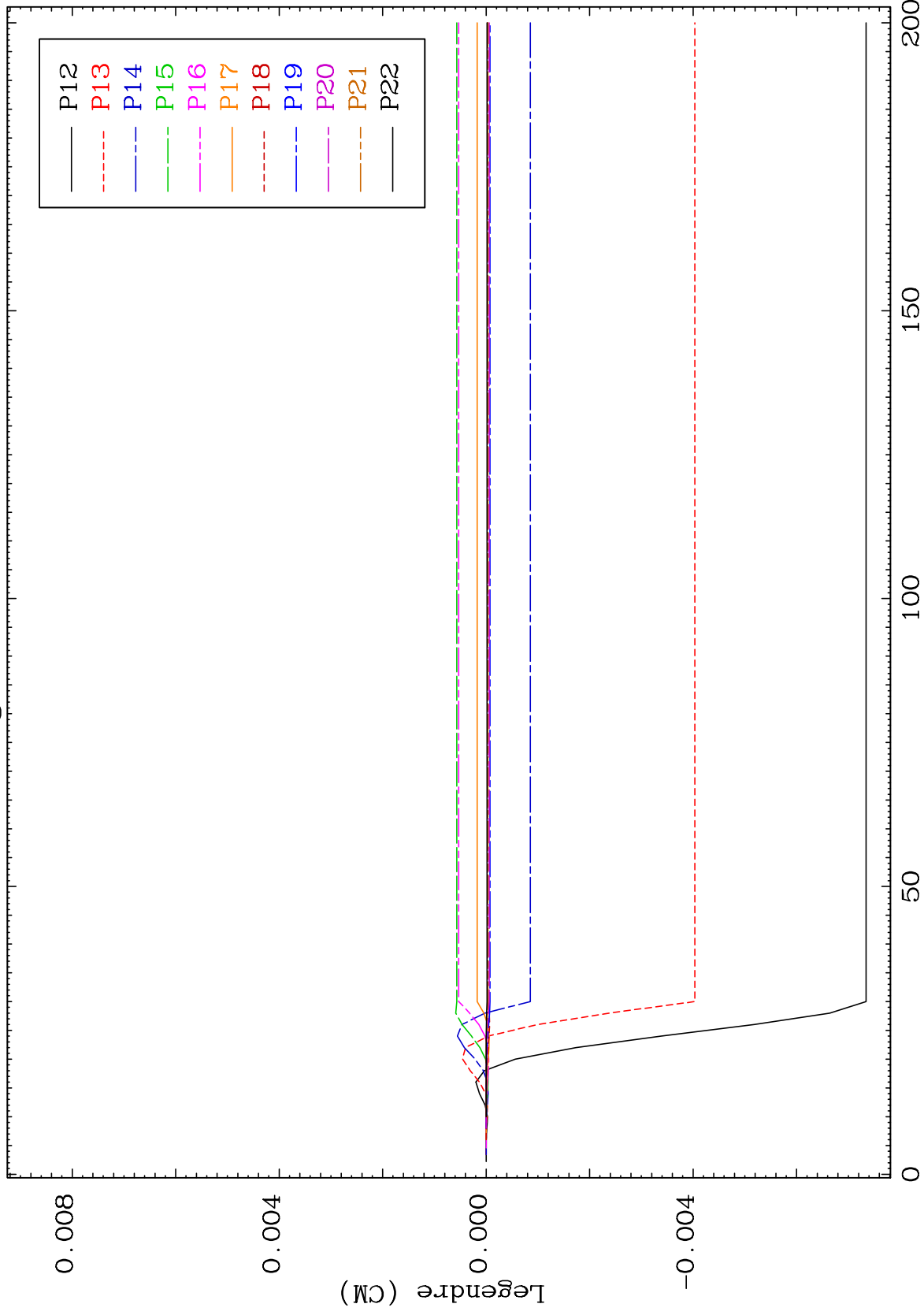
Incident Energy (MeV)

35-Br-74

MAT 3510

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

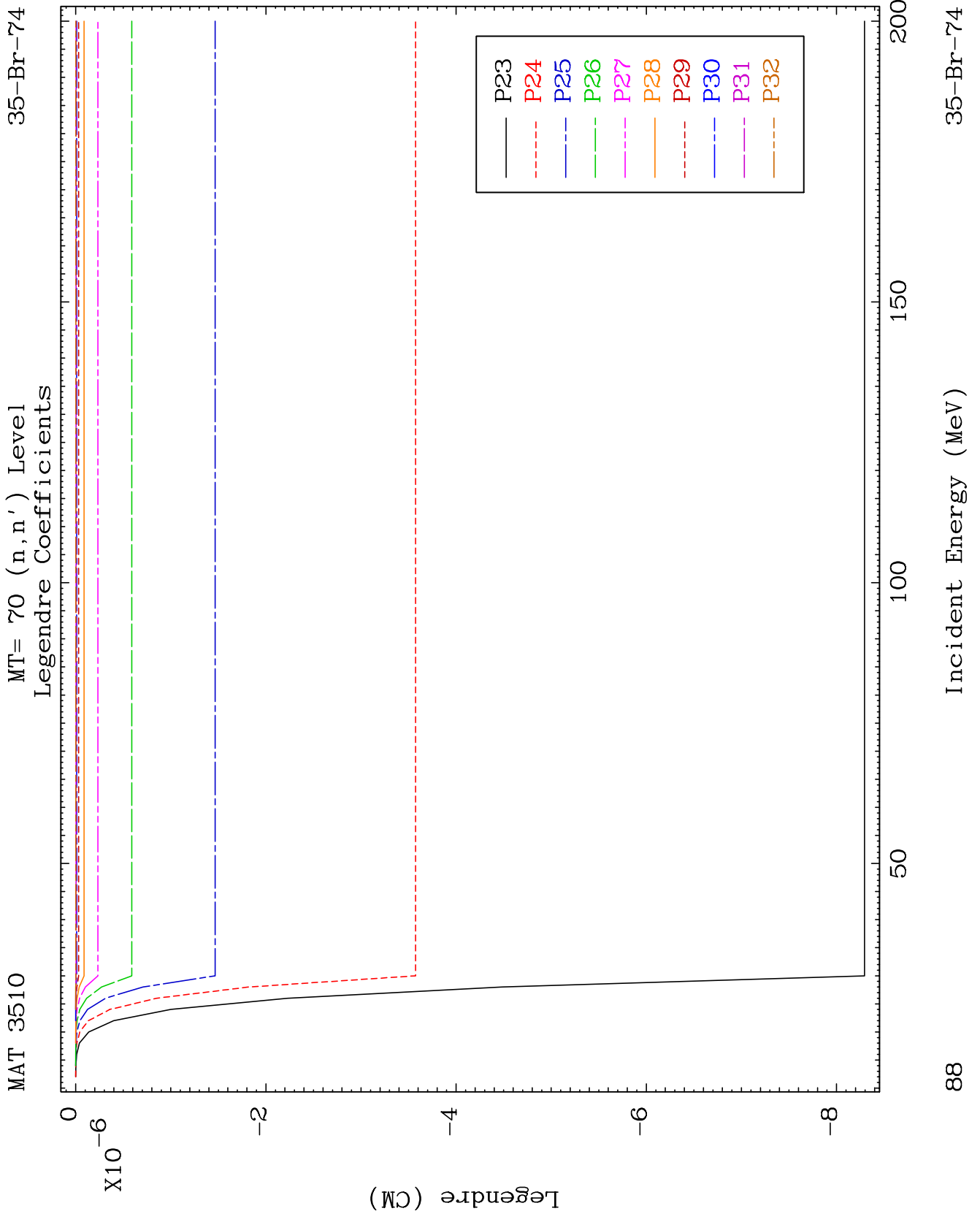
35-Br-74



87

Incident Energy (MeV)

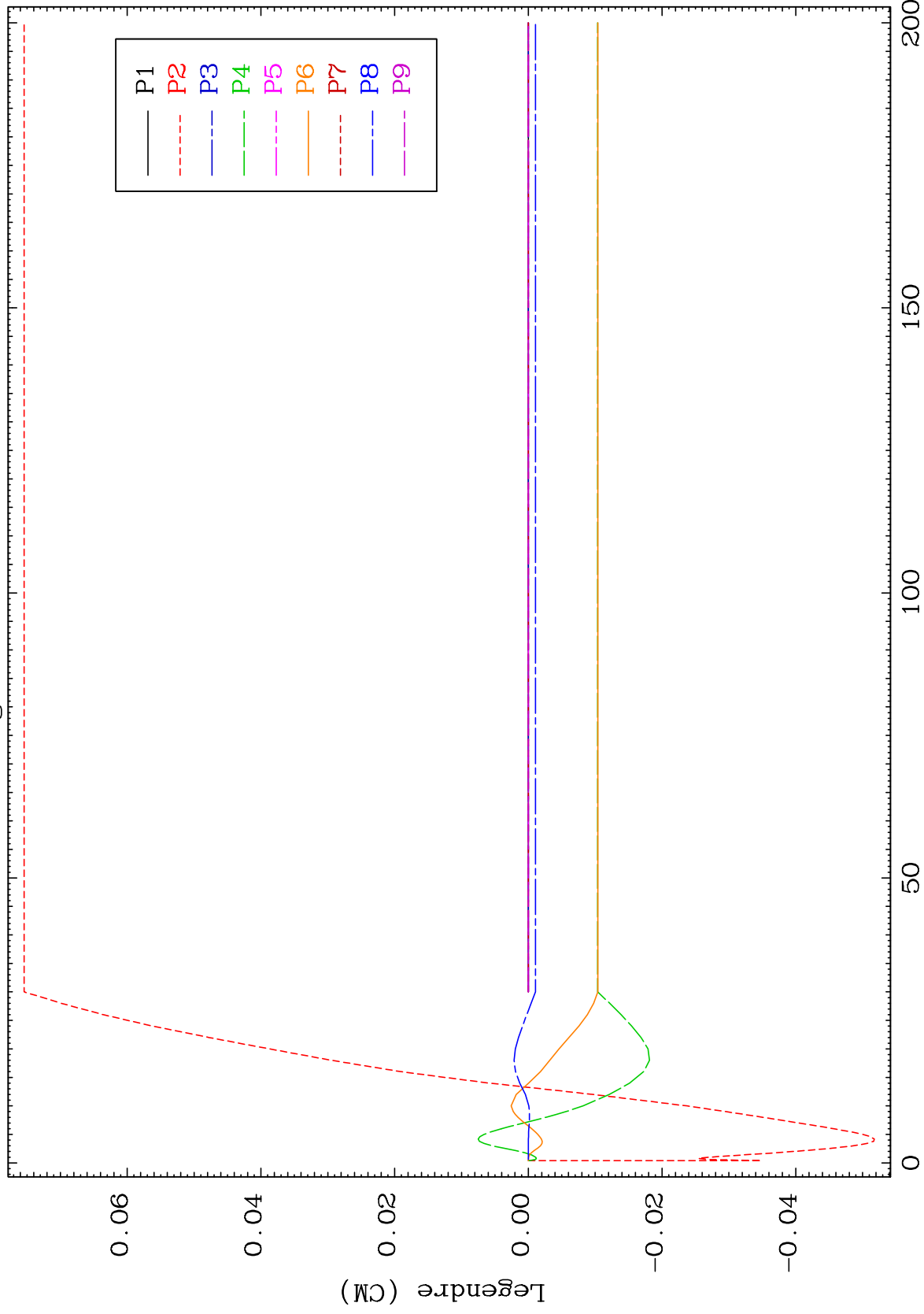
35-Br-74



MAT 3510

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

35-Br-74



89

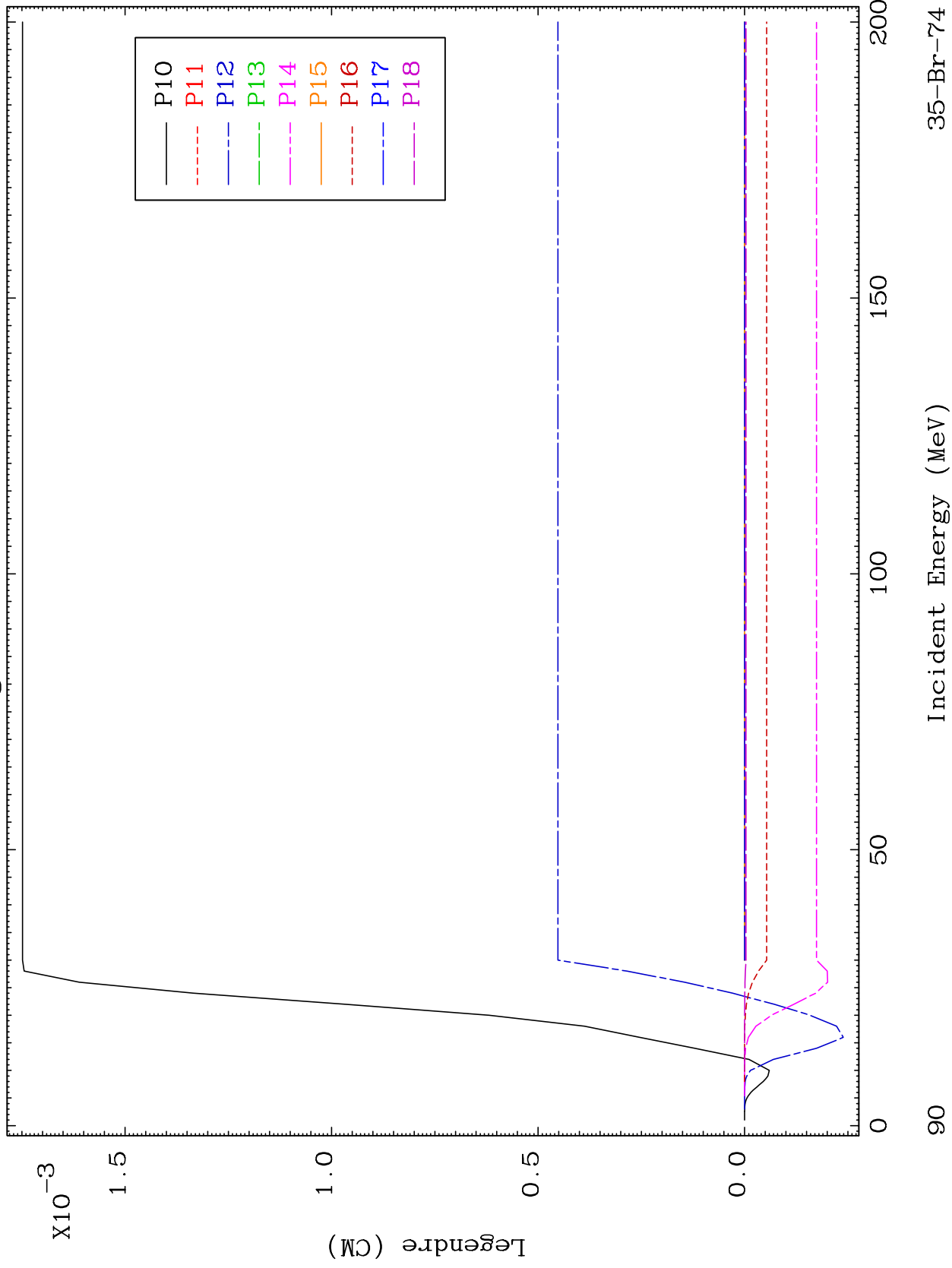
Incident Energy (MeV)

35-Br-74

MAT 3510

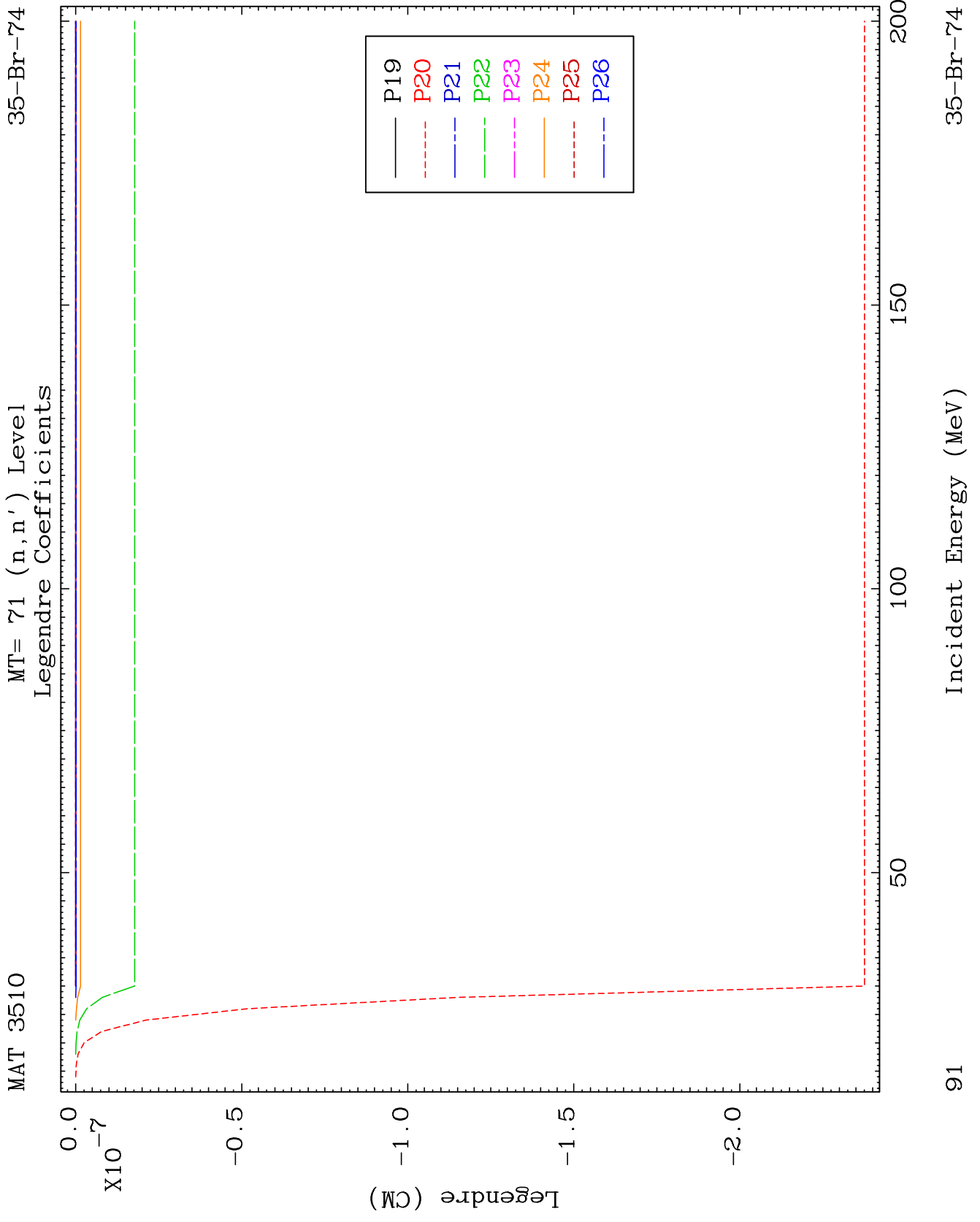
MT= 71 (n,n') Level
Legendre Coefficients

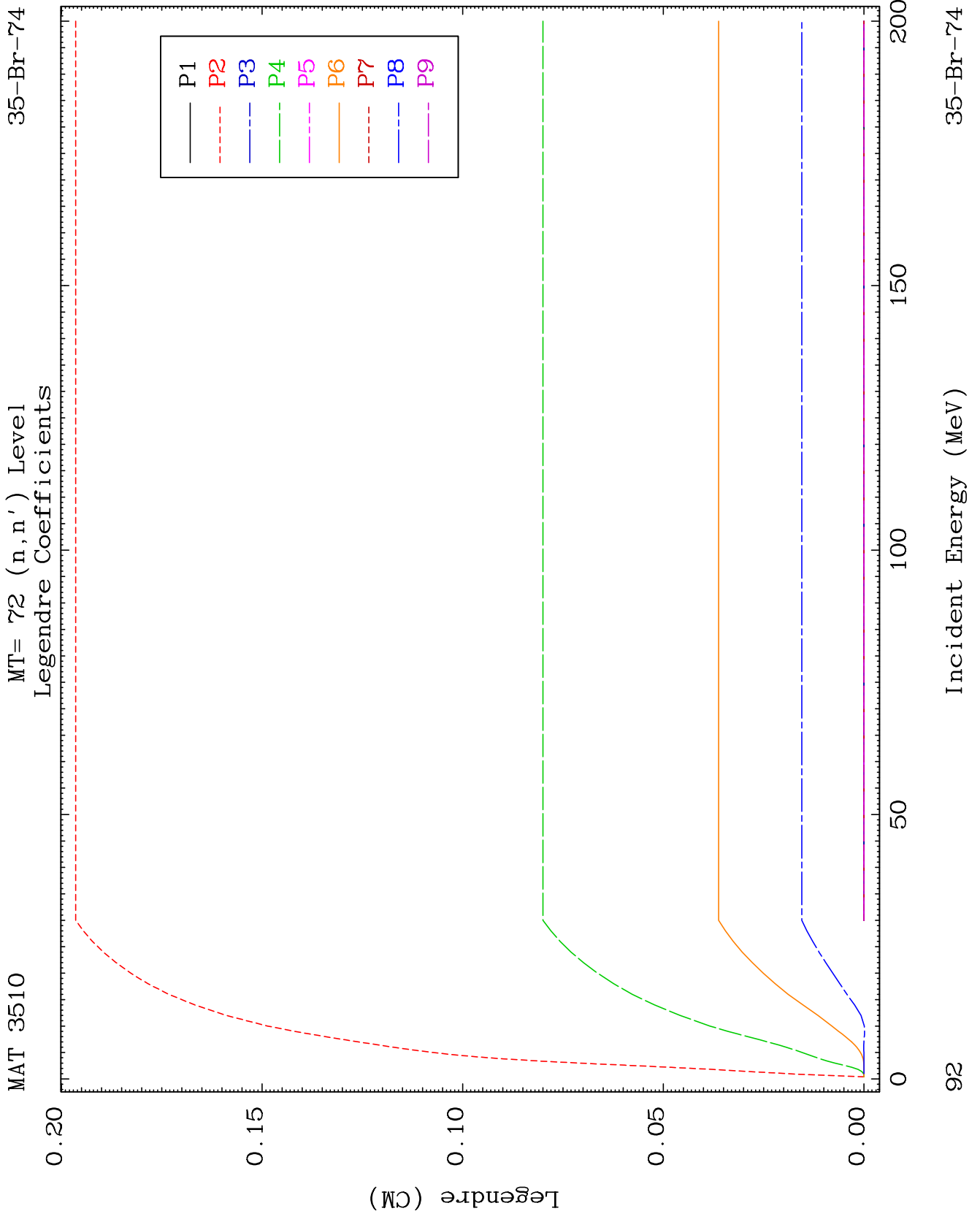
35-Br-74



35-Br-74

Incident Energy (MeV)

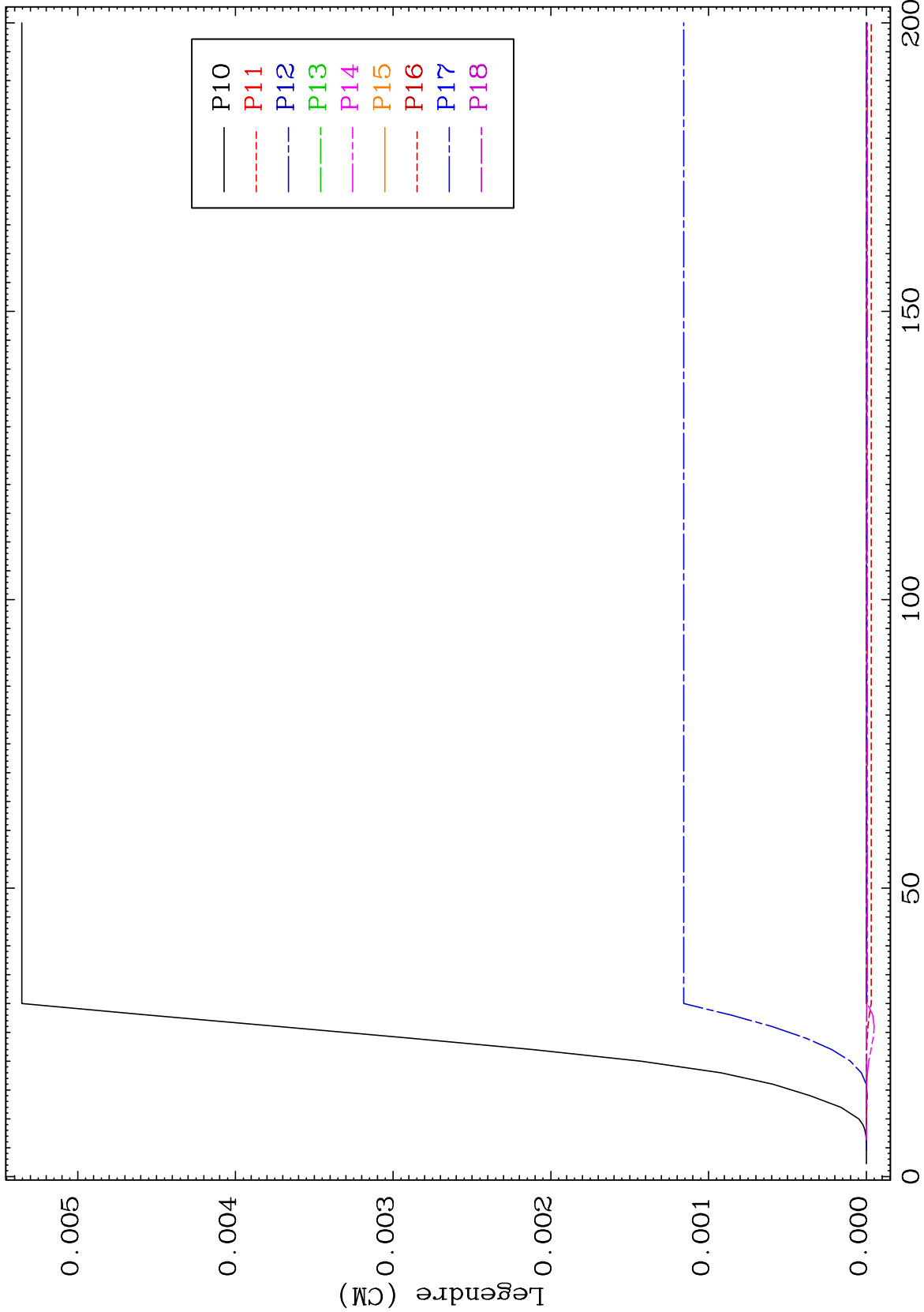




MAT 3510

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

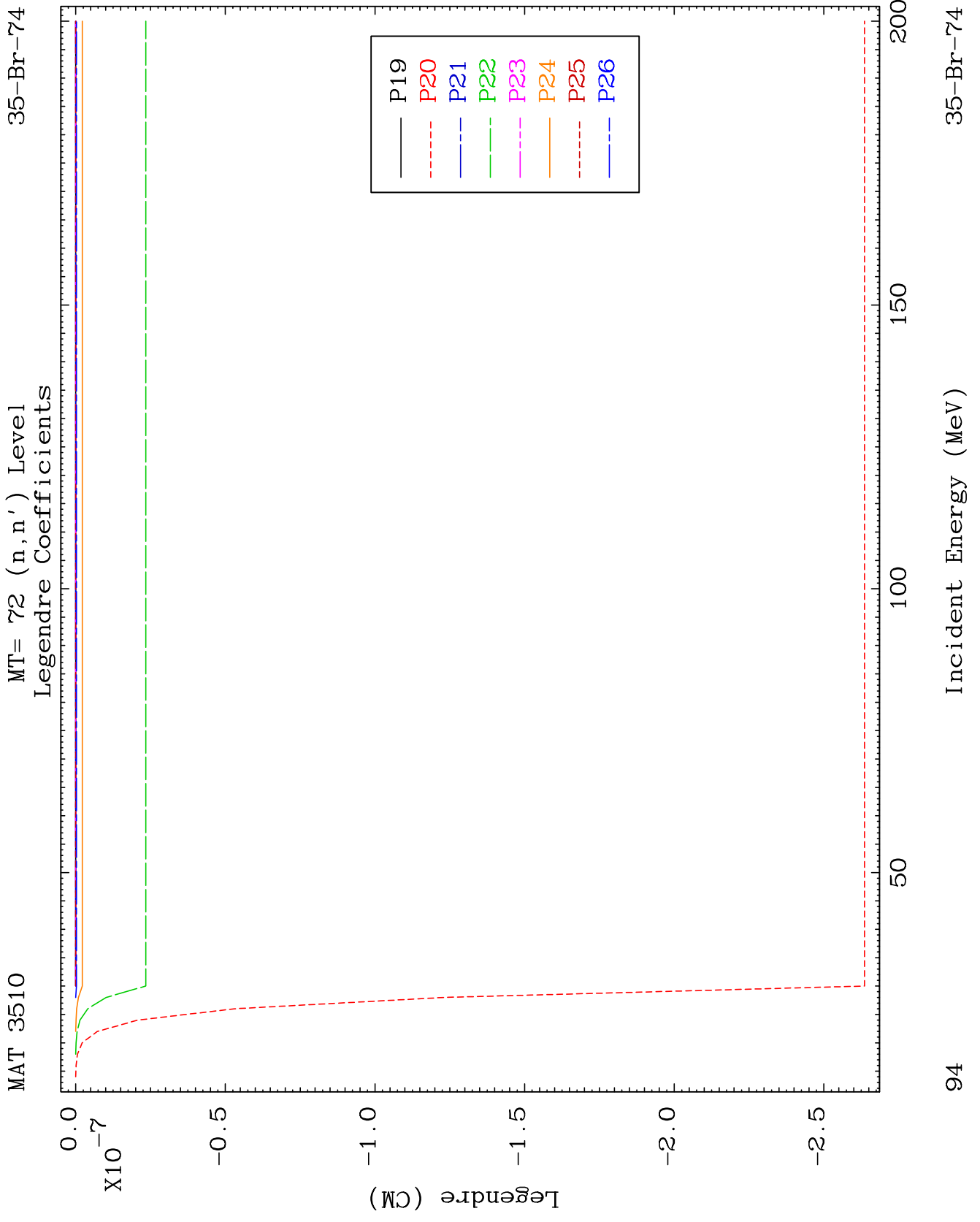
35-Br-74



93

Incident Energy (MeV)

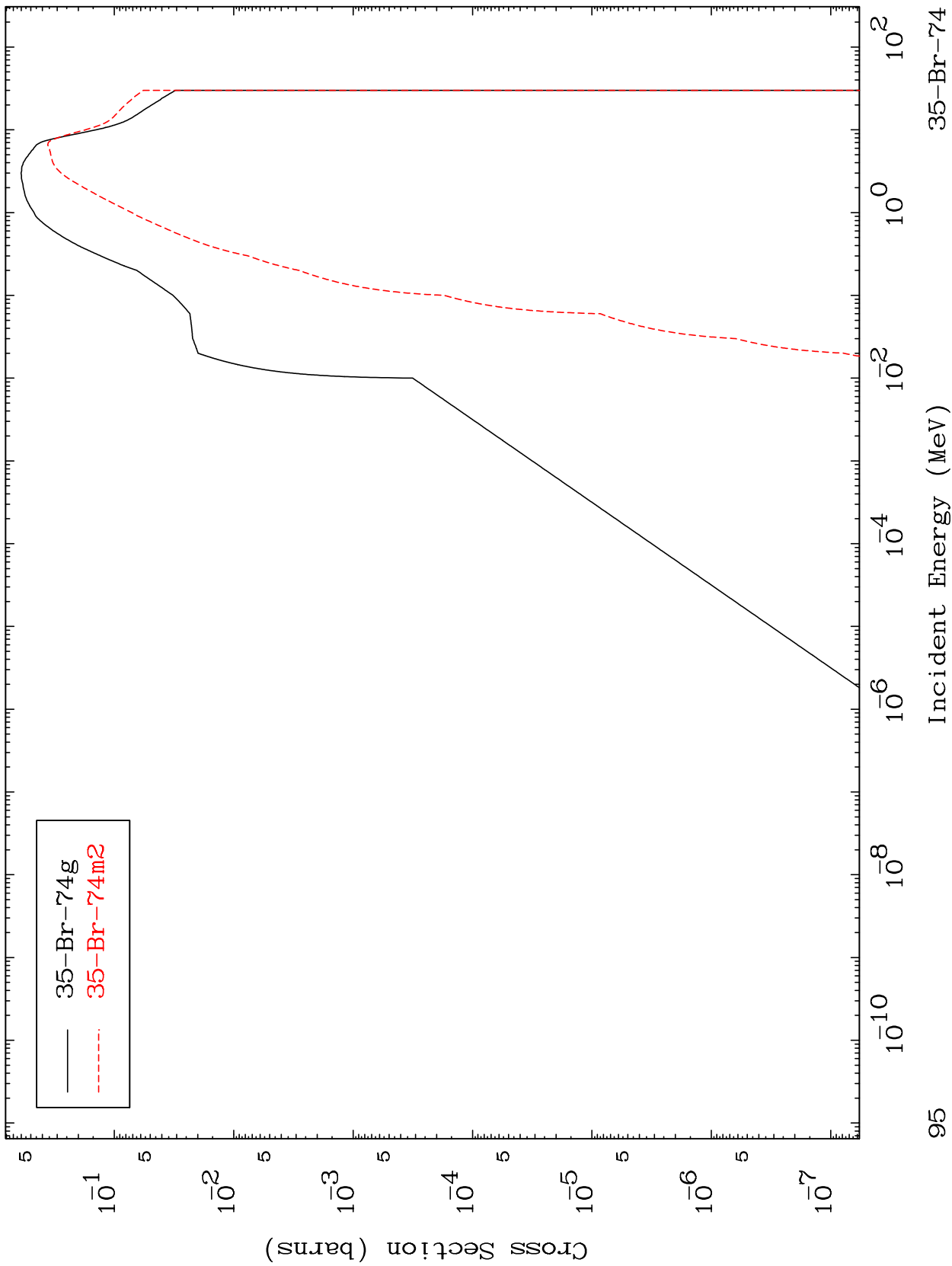
35-Br-74



MAT 3510

³⁵Br-⁷⁴

Inelastic
Radionuclide Production Cross Section



95

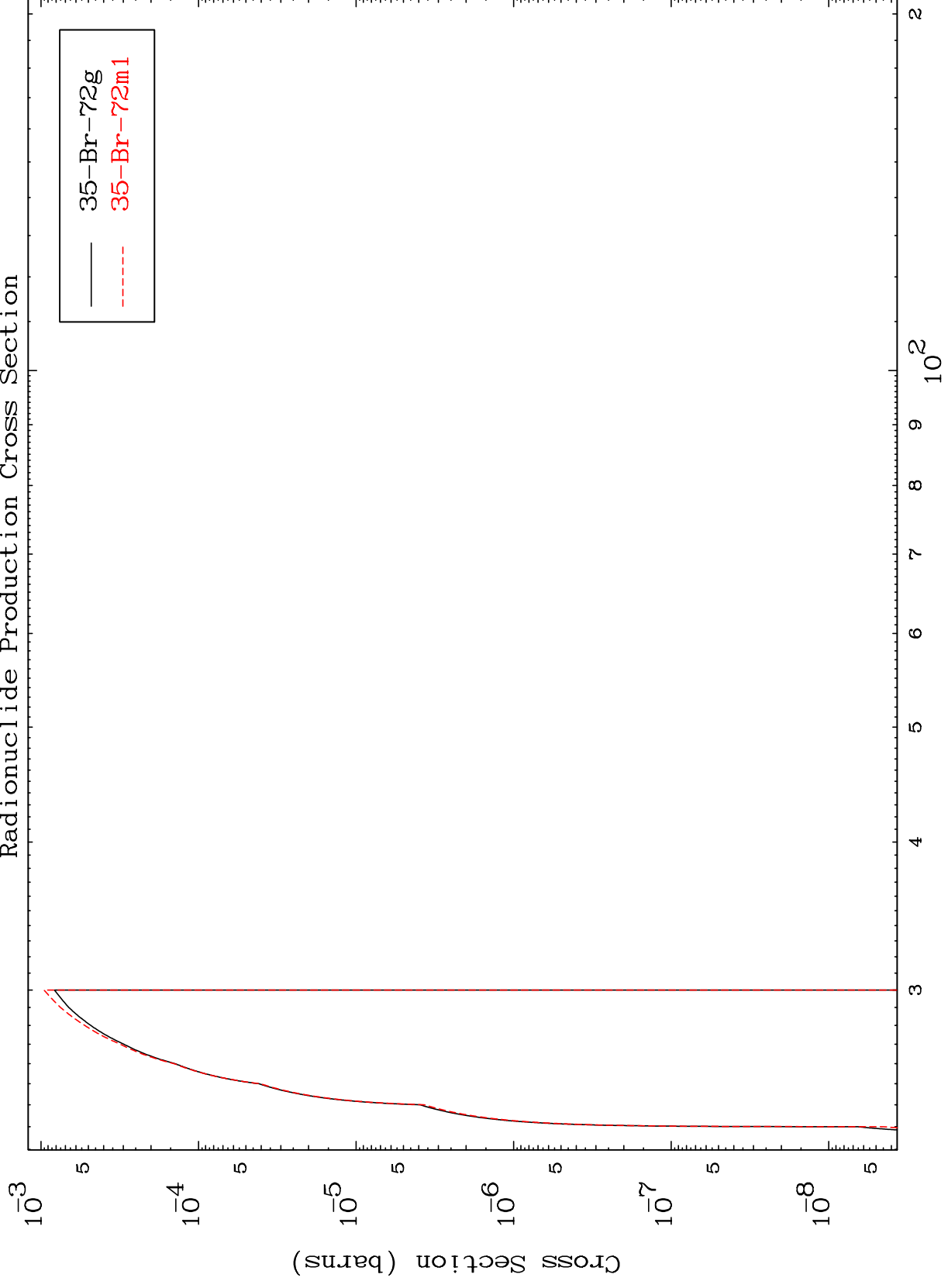
³⁵Br-⁷⁴

MAT 3510

³⁵Br-74

(n,3n)

Radionuclide Production Cross Section



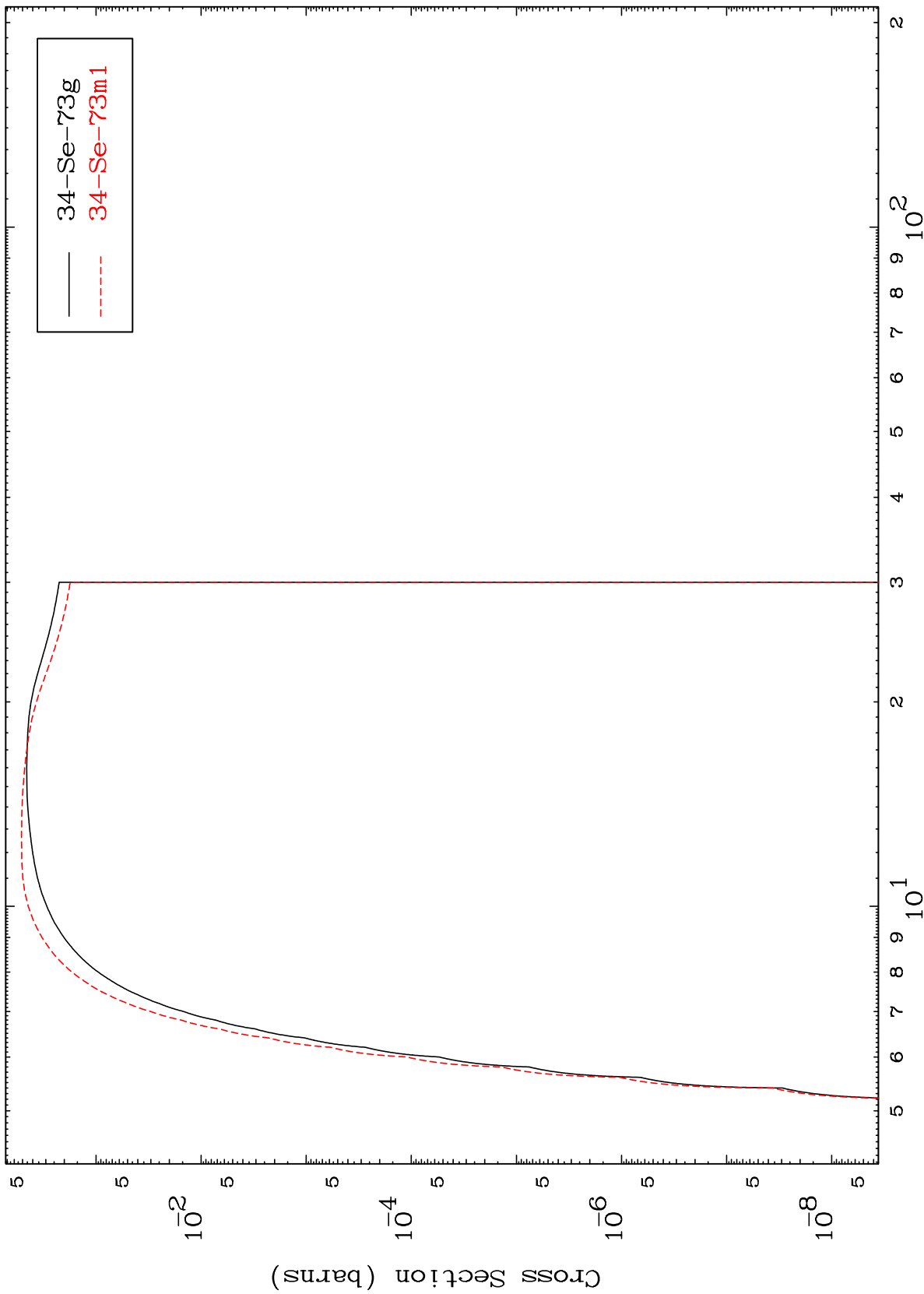
— ³⁵Br-72g
- - - ³⁵Br-72m1

MAT 3510

³⁵Br-74

(n,n') p

Radionuclide Production Cross Section



97

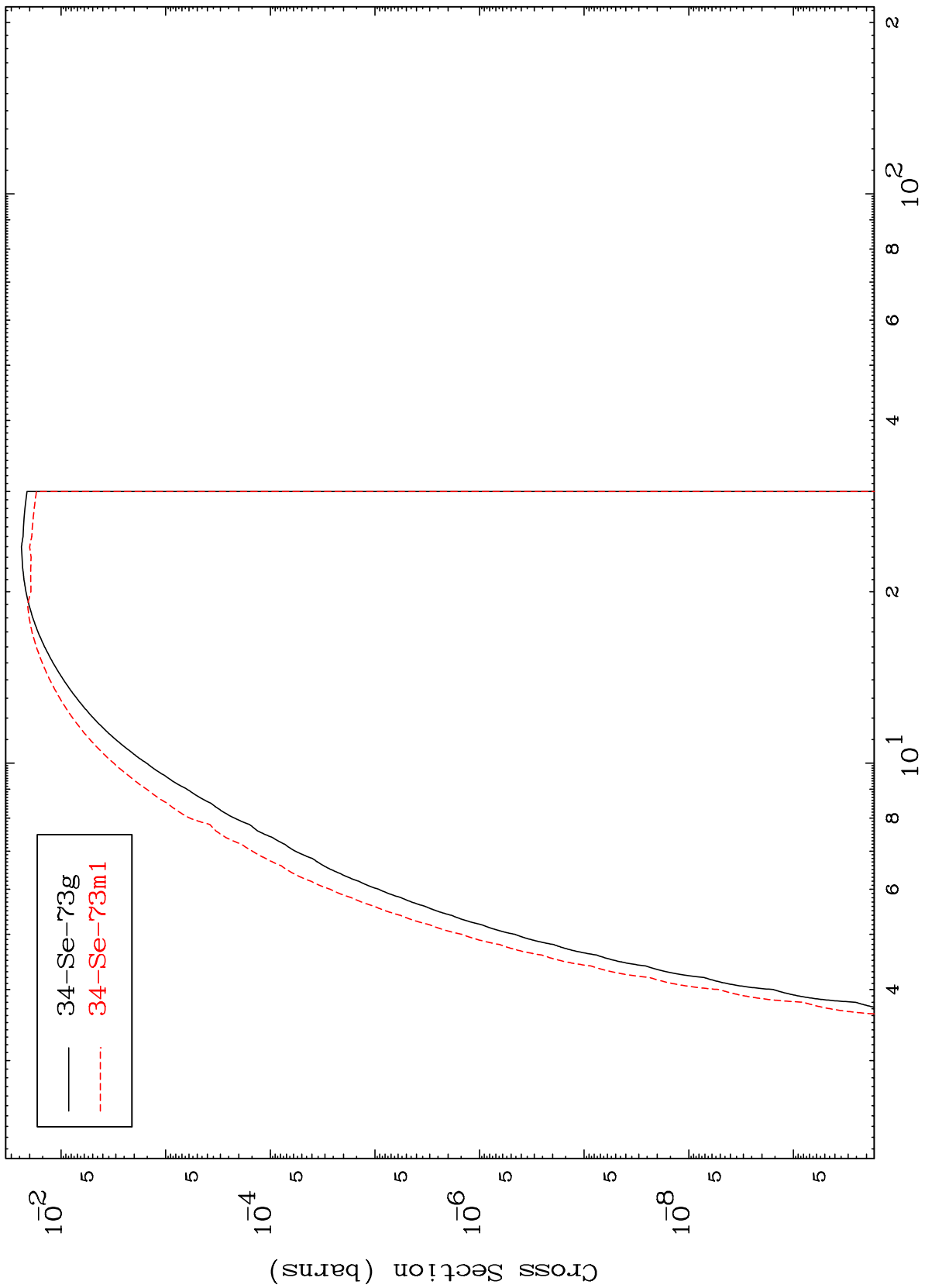
Incident Energy (MeV)

³⁵Br-74

MAT 3510

³⁵Br-74

(n,d)
Radionuclide Production Cross Section



— 34-Se-73g
- - - 34-Se-73m1

98

Incident Energy (MeV)

³⁵Br-74