

Program EVALPLOT
(Version 2018-1)

by

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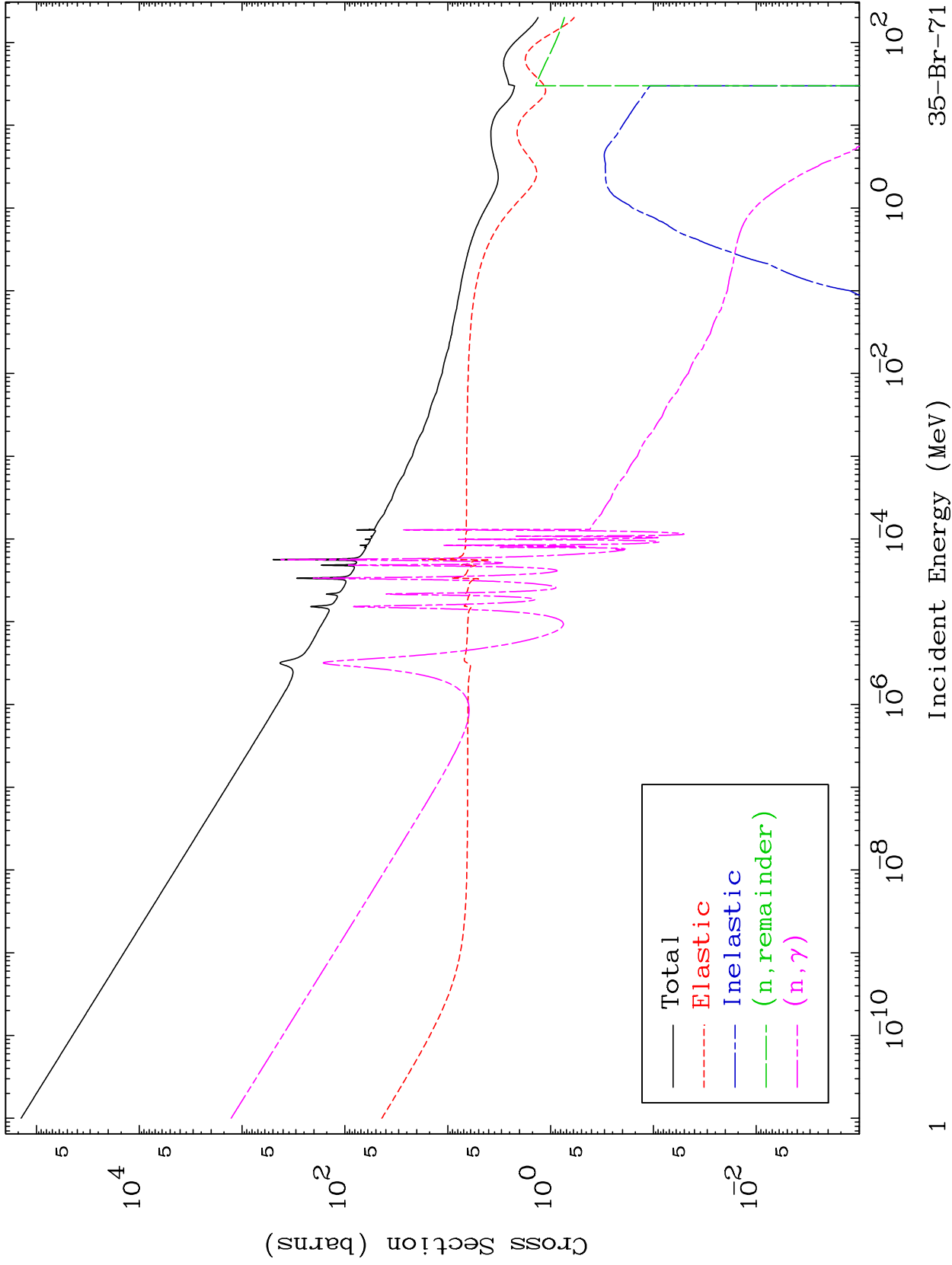
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3501

Major
293 Kelvin Cross Sections

35-Br-71

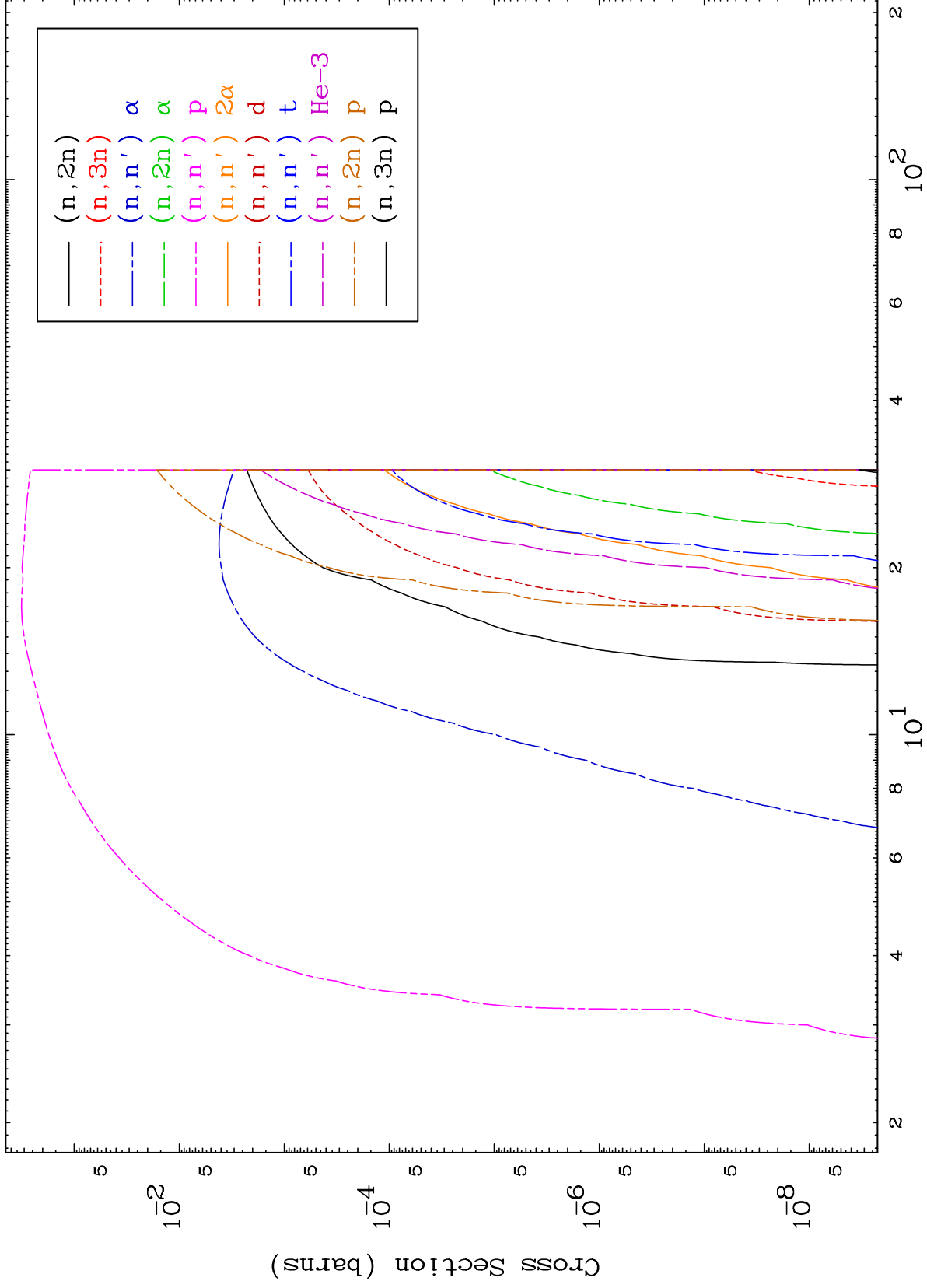


1

MAT 3501

Neutron Production
293 Kelvin Cross Sections

35-Br-71



2

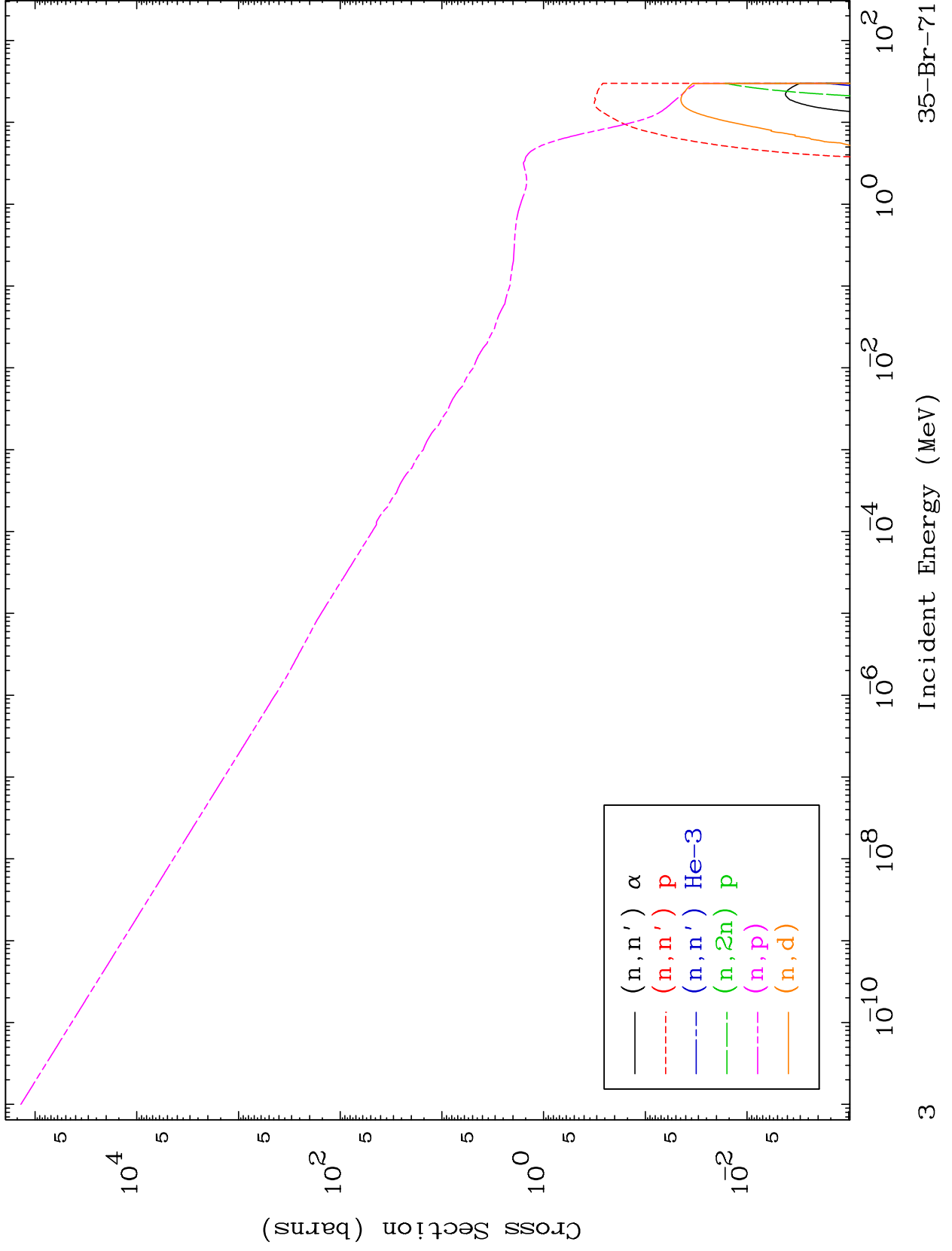
Incident Energy (MeV)

35-Br-71

MAT 3501

Charged Particle
293 Kelvin Cross Sections

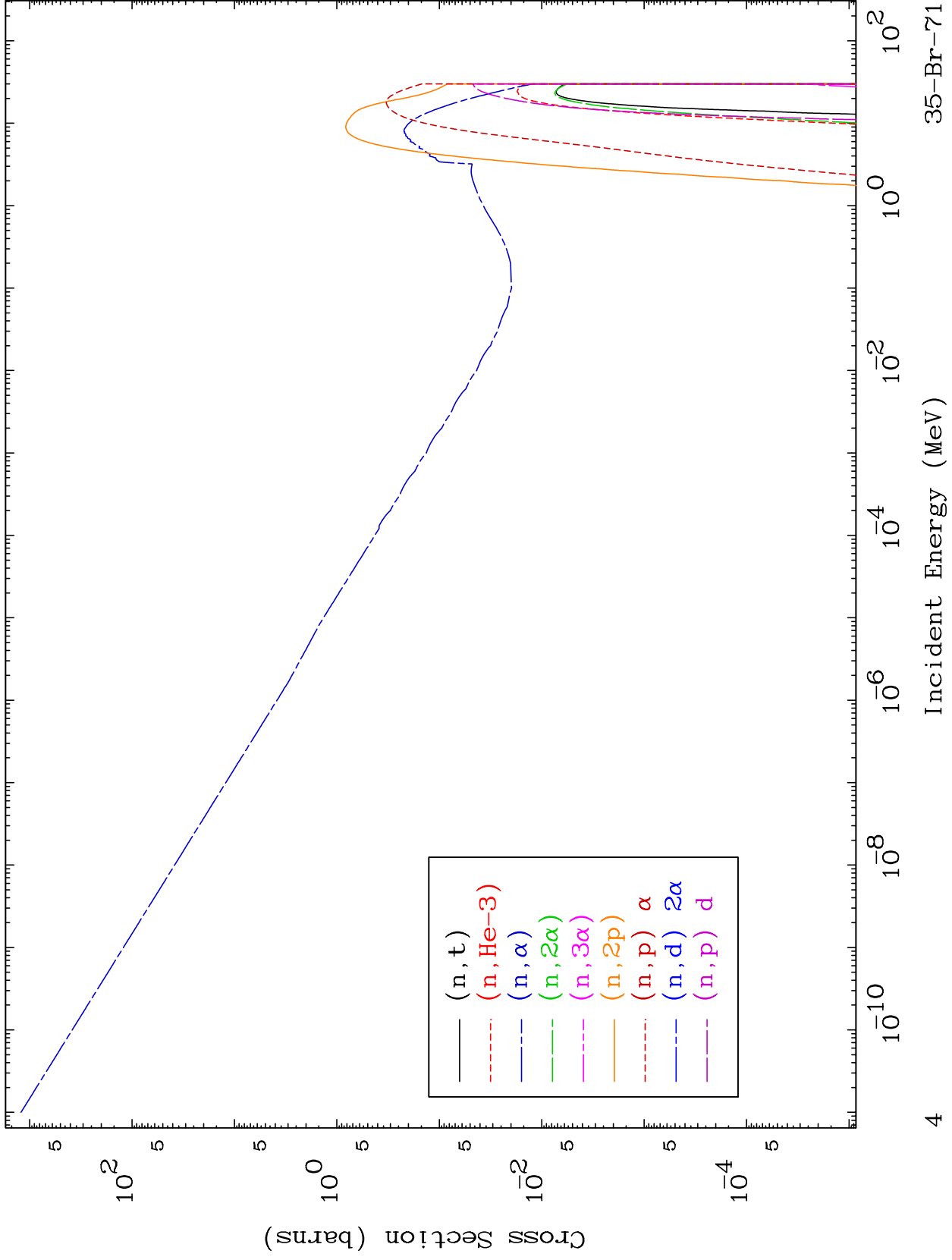
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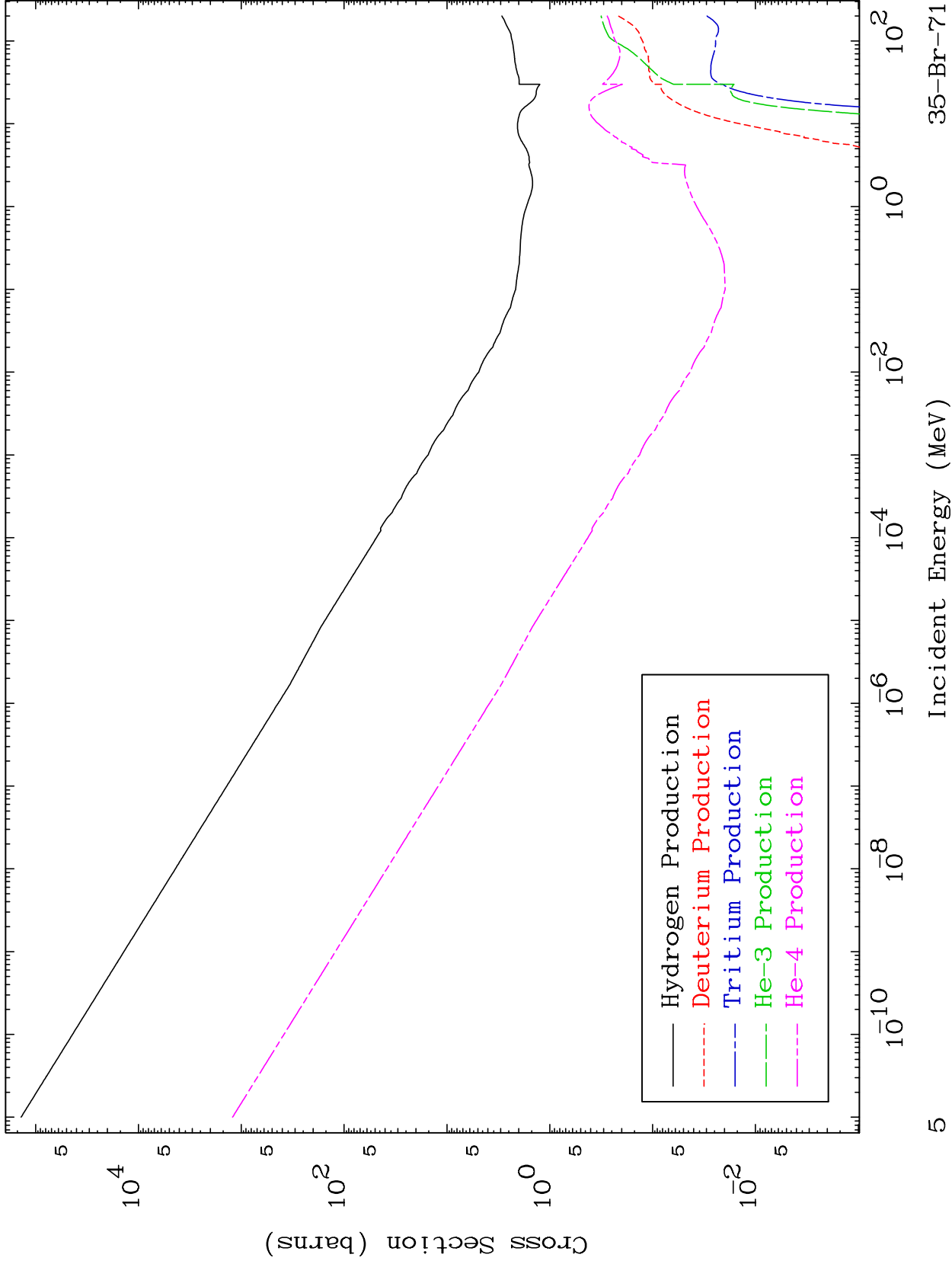


MAT 3501

Charged Particle
293 Kelvin Cross Sections

35-Br-71

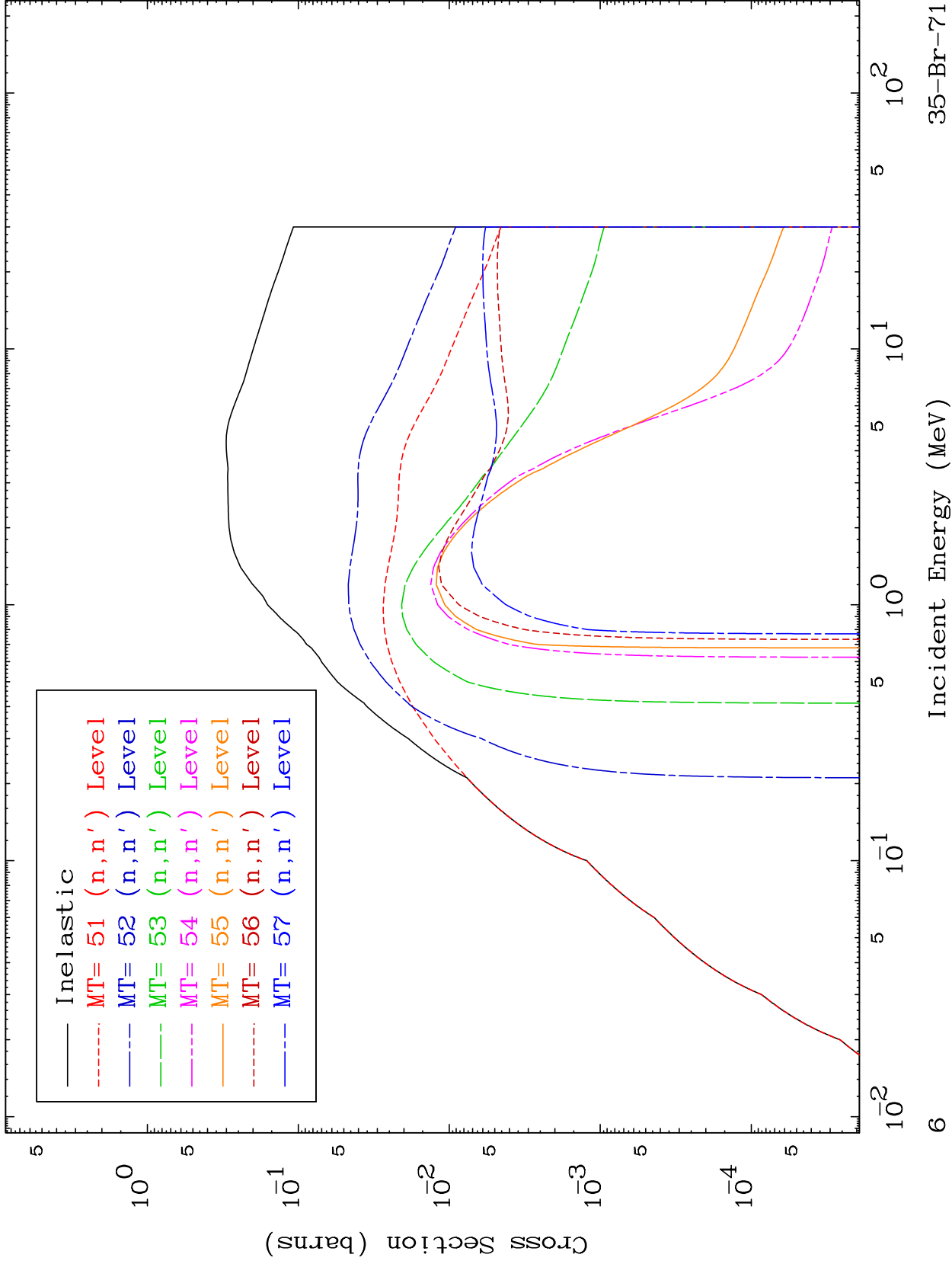




MAT 3501

(n,n') Level
293 Kelvin Cross Sections

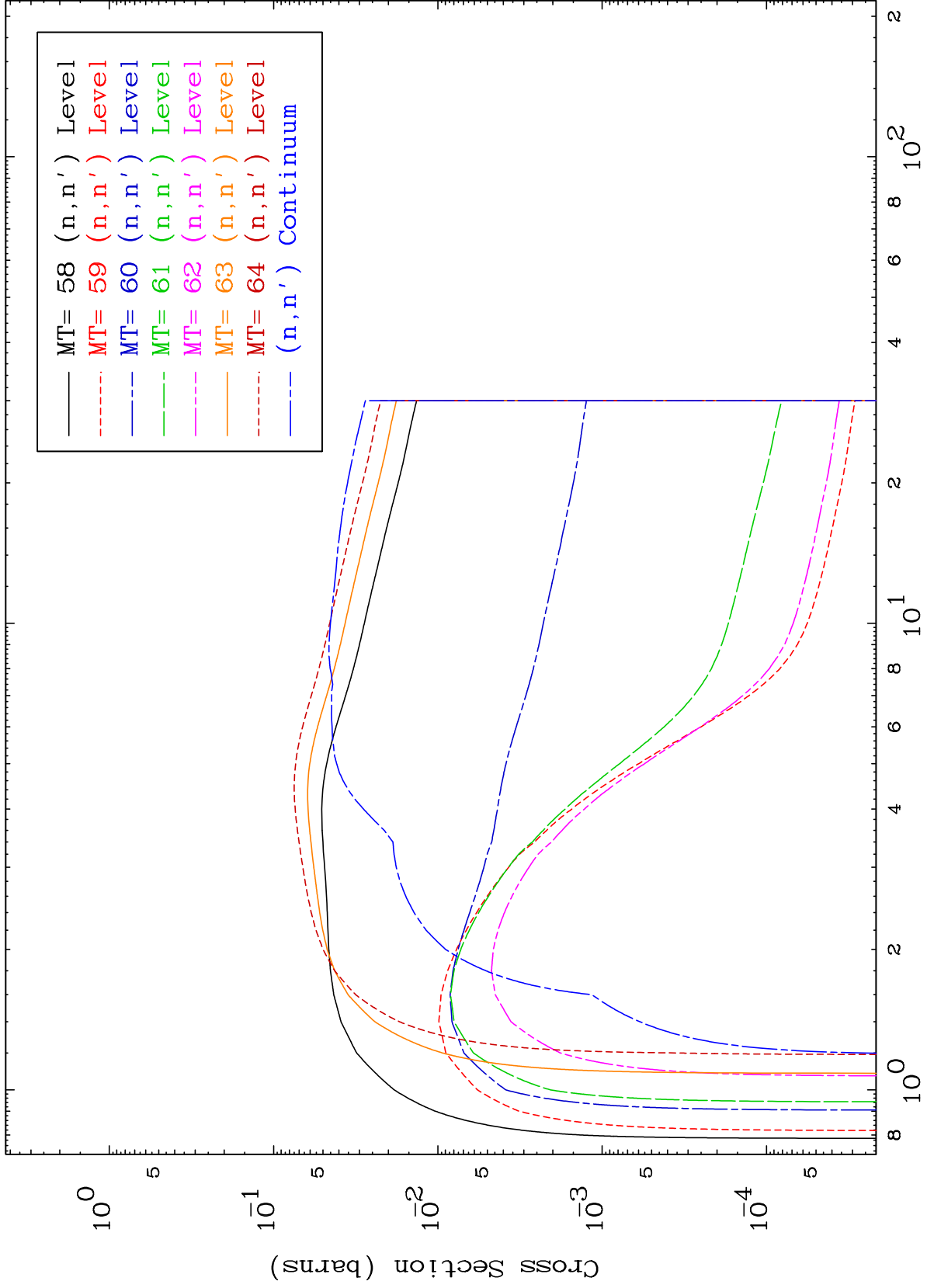
35-Br-71



35-Br-71

Incident Energy (MeV)

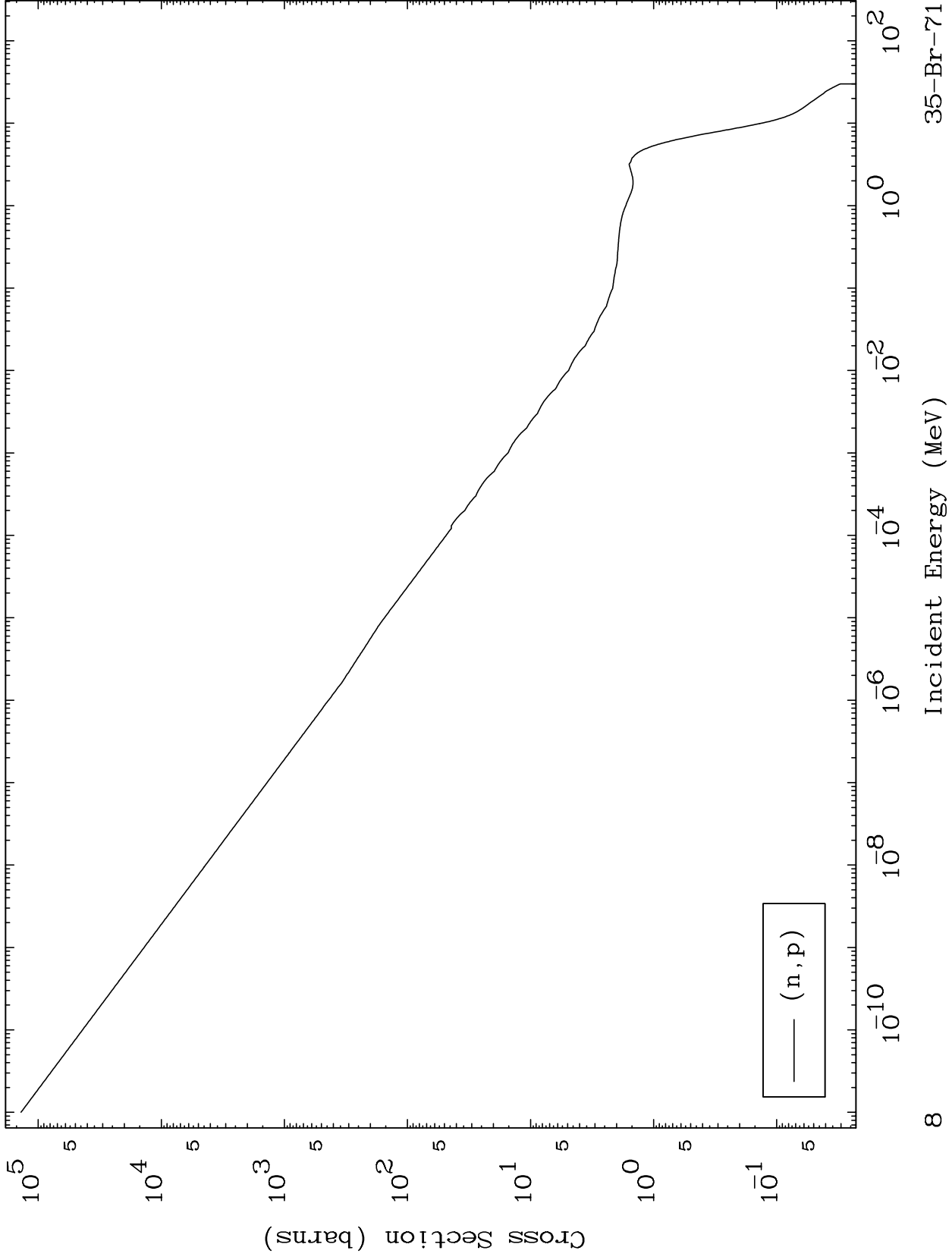
293 Kelvin Cross Sections



MAT 3501

(n,p) Levels
293 Kelvin Cross Sections

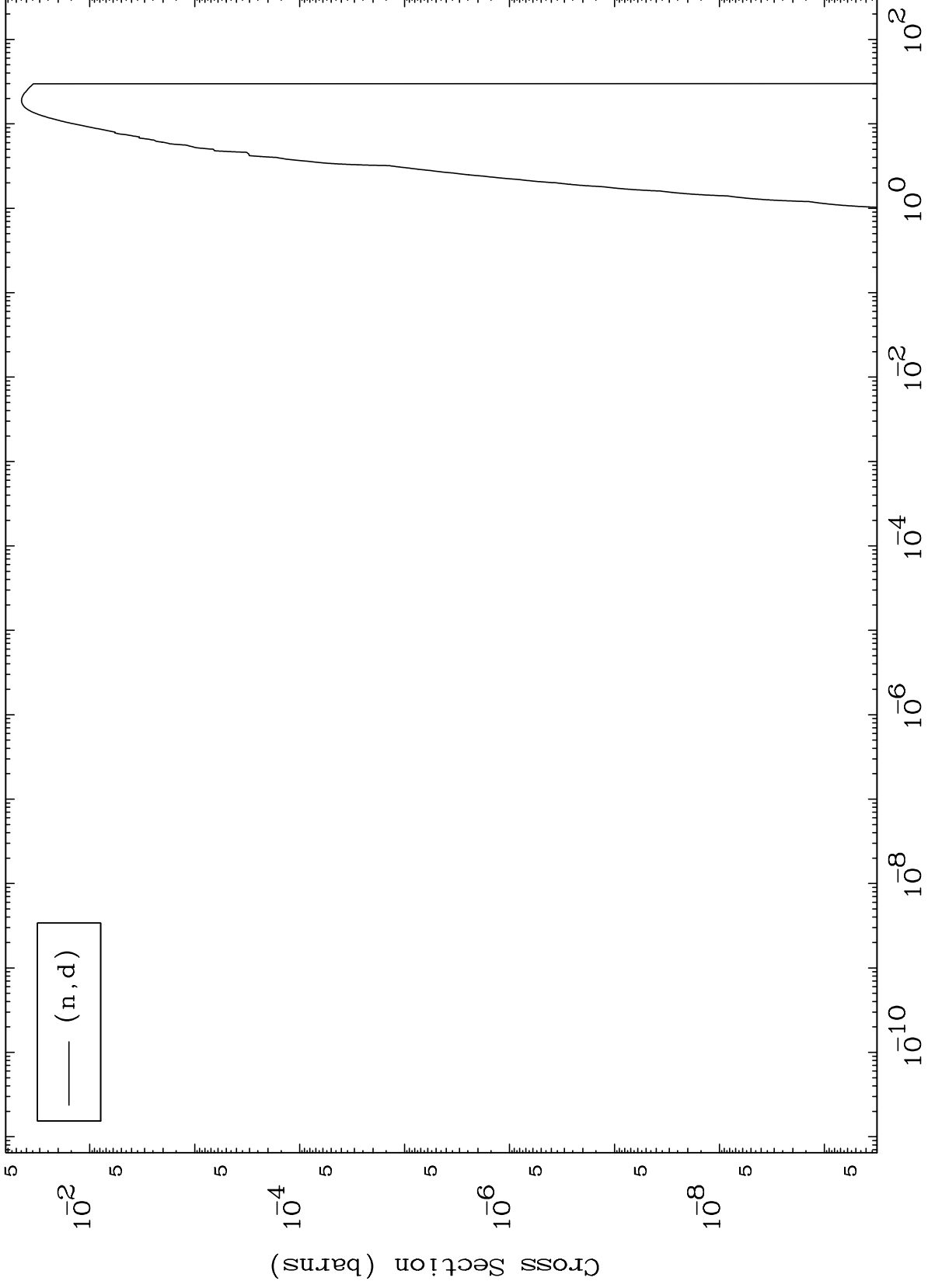
35-Br-71



MAT 3501

(n,d) Levels
293 Kelvin Cross Sections

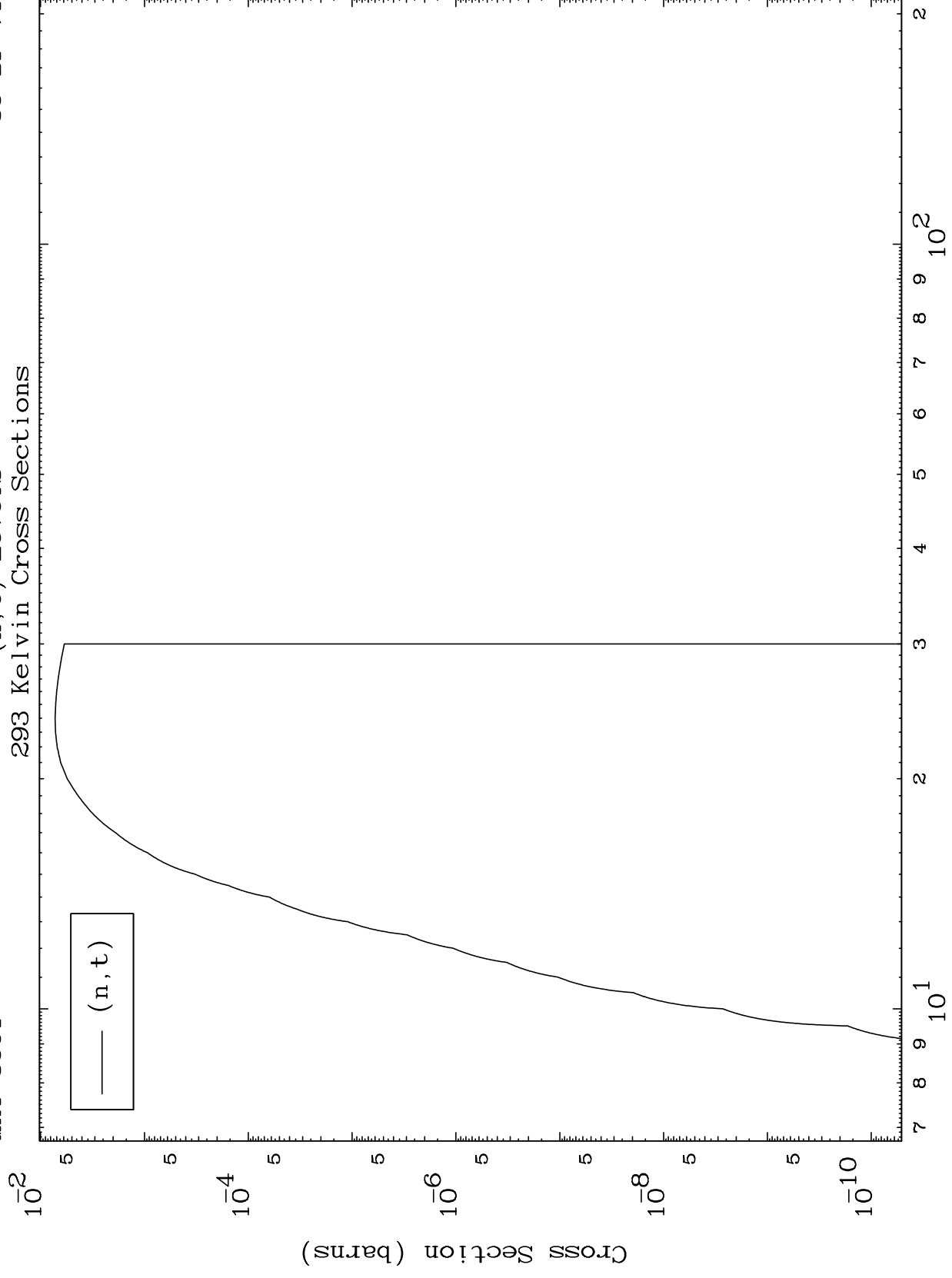
35-Br-71



MAT 3501

(n,t) Levels
293 Kelvin Cross Sections

35-Br-71



10

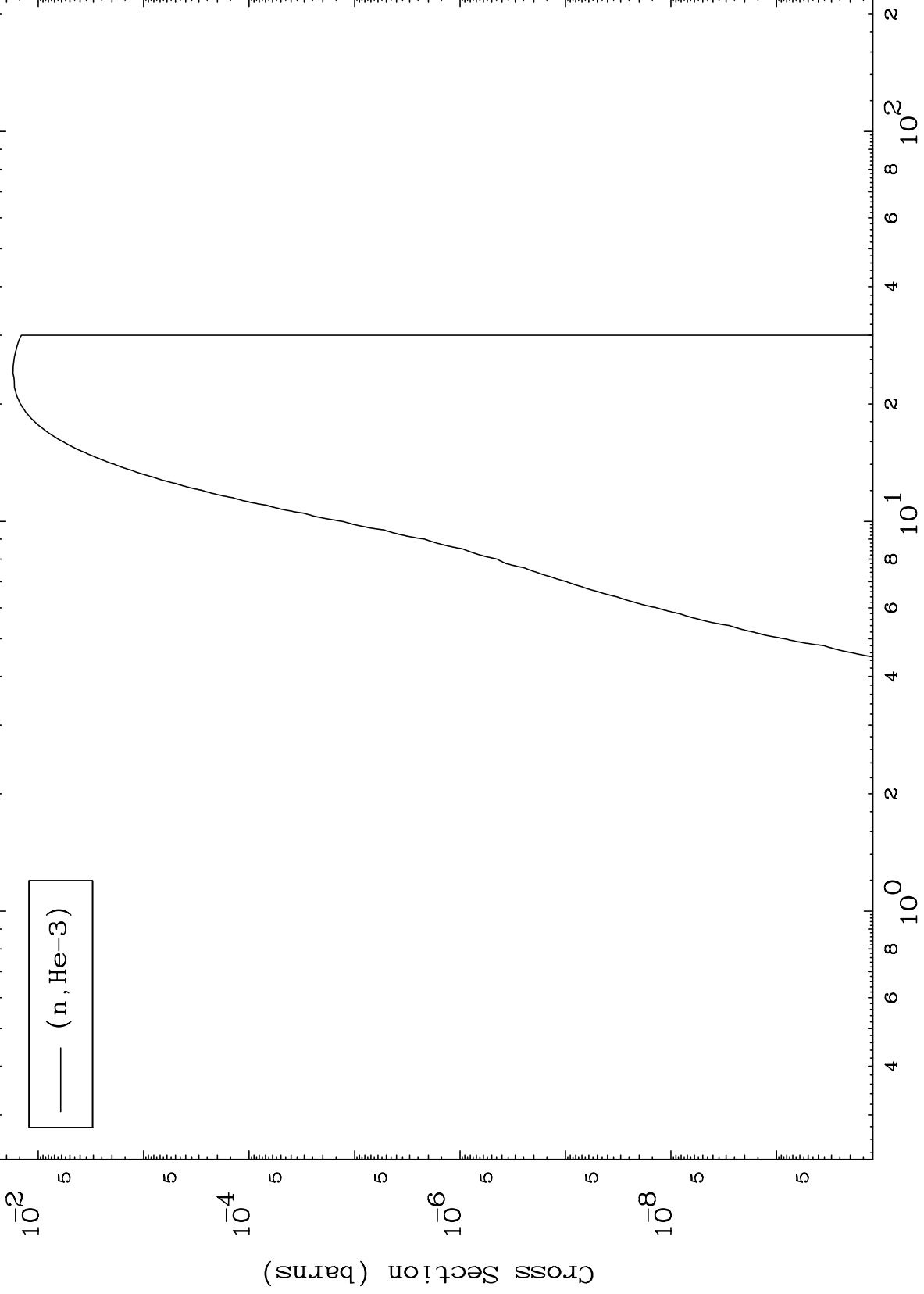
Incident Energy (MeV)

35-Br-71

MAT 3501

(n,He3) Levels
293 Kelvin Cross Sections

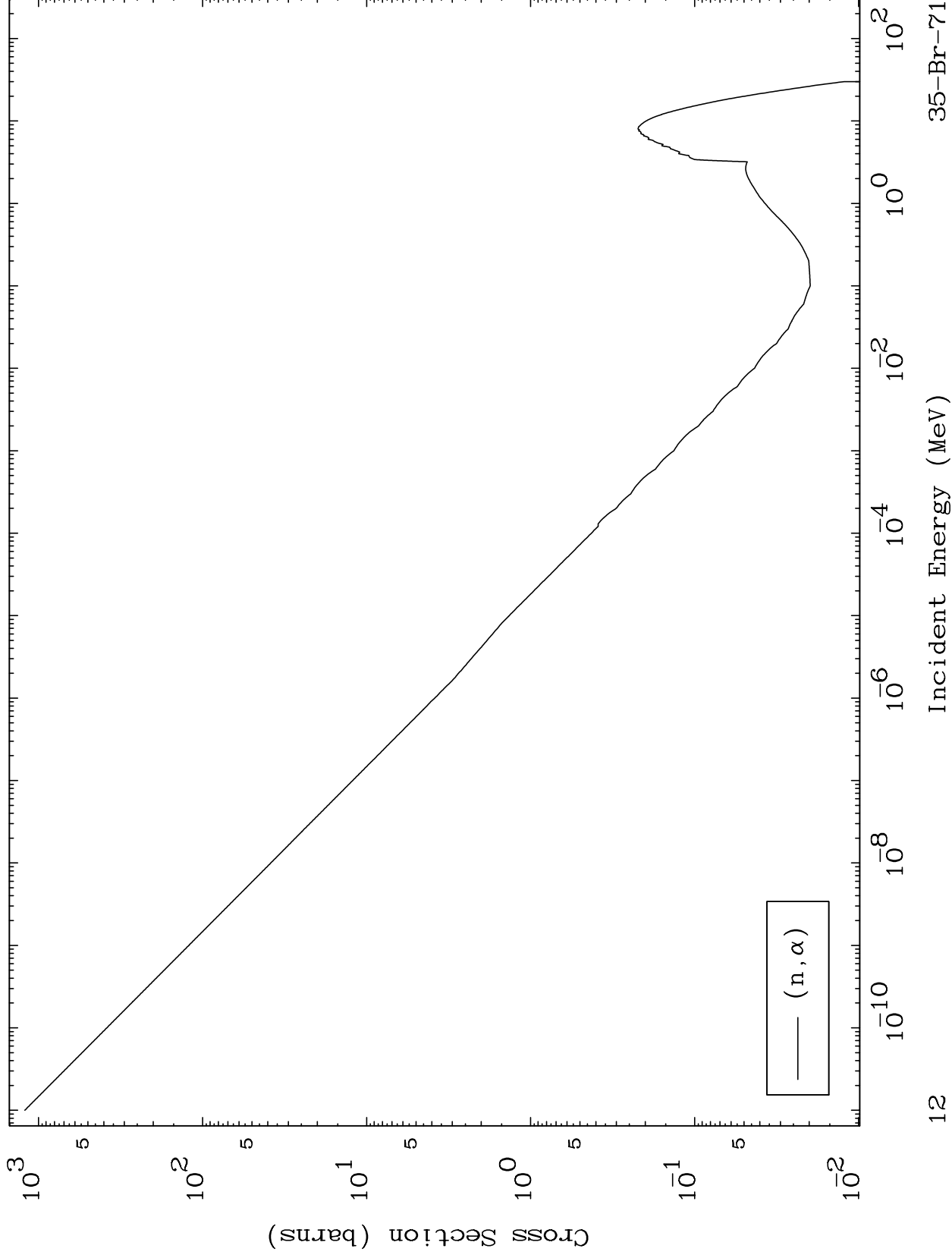
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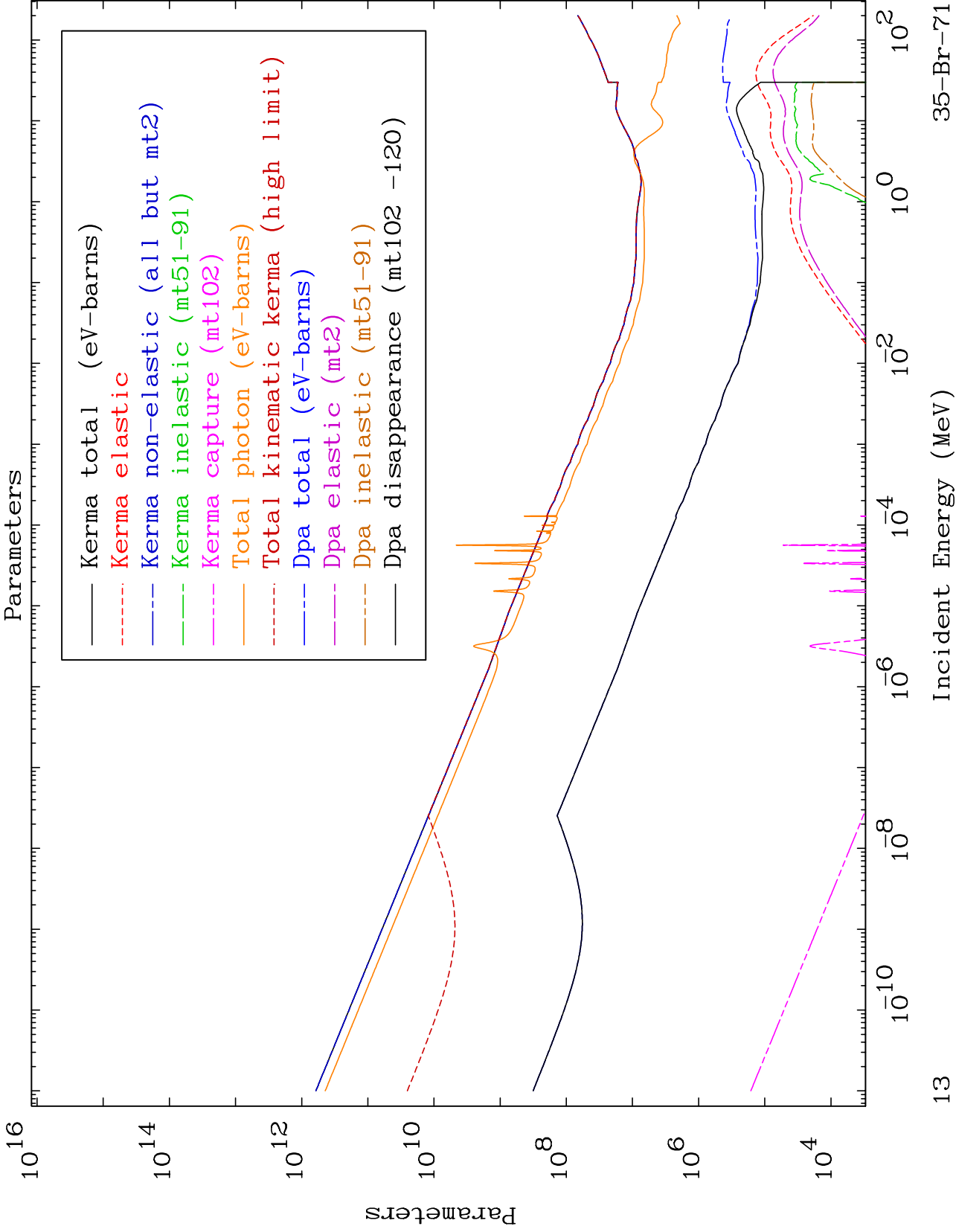


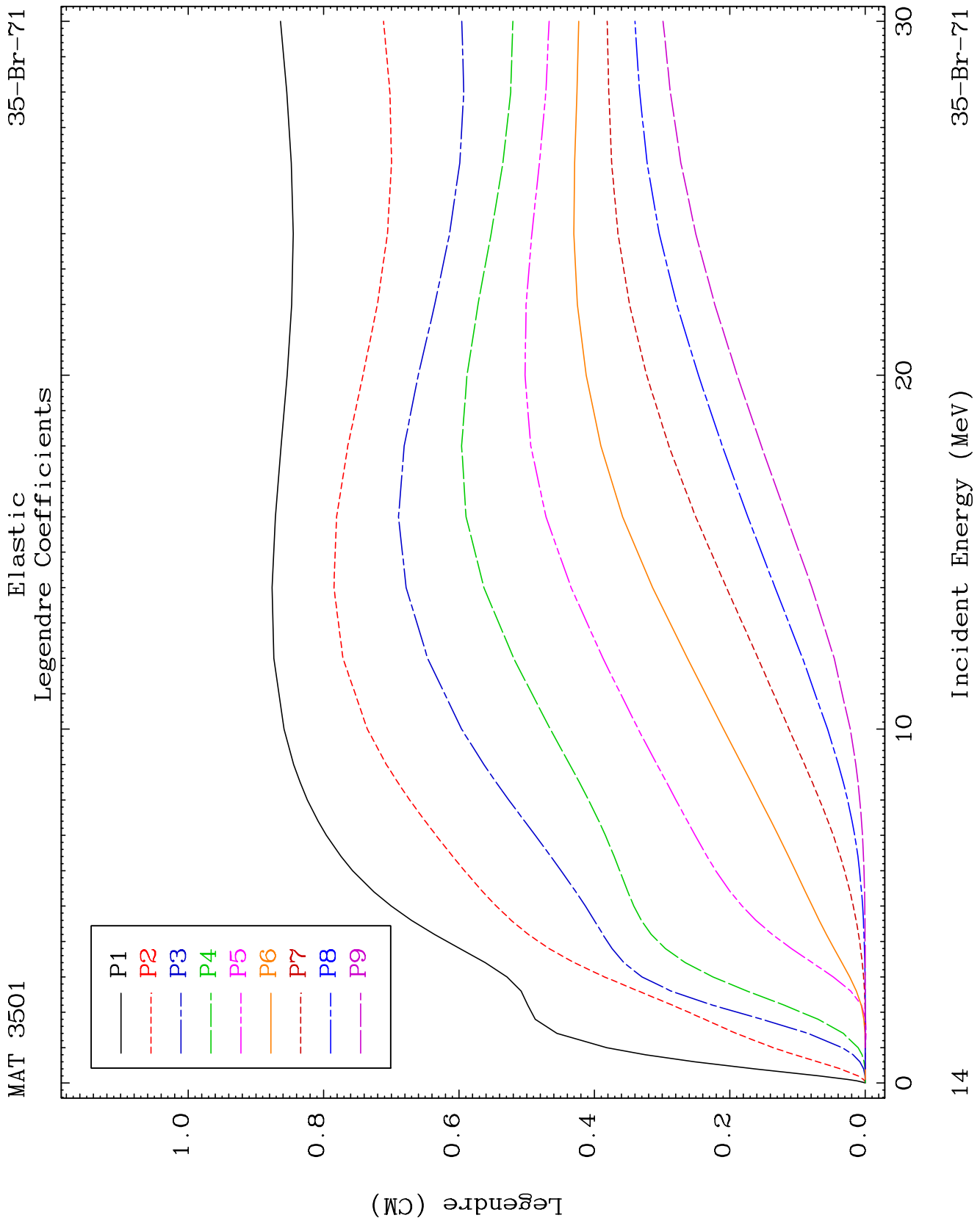
MAT 3501

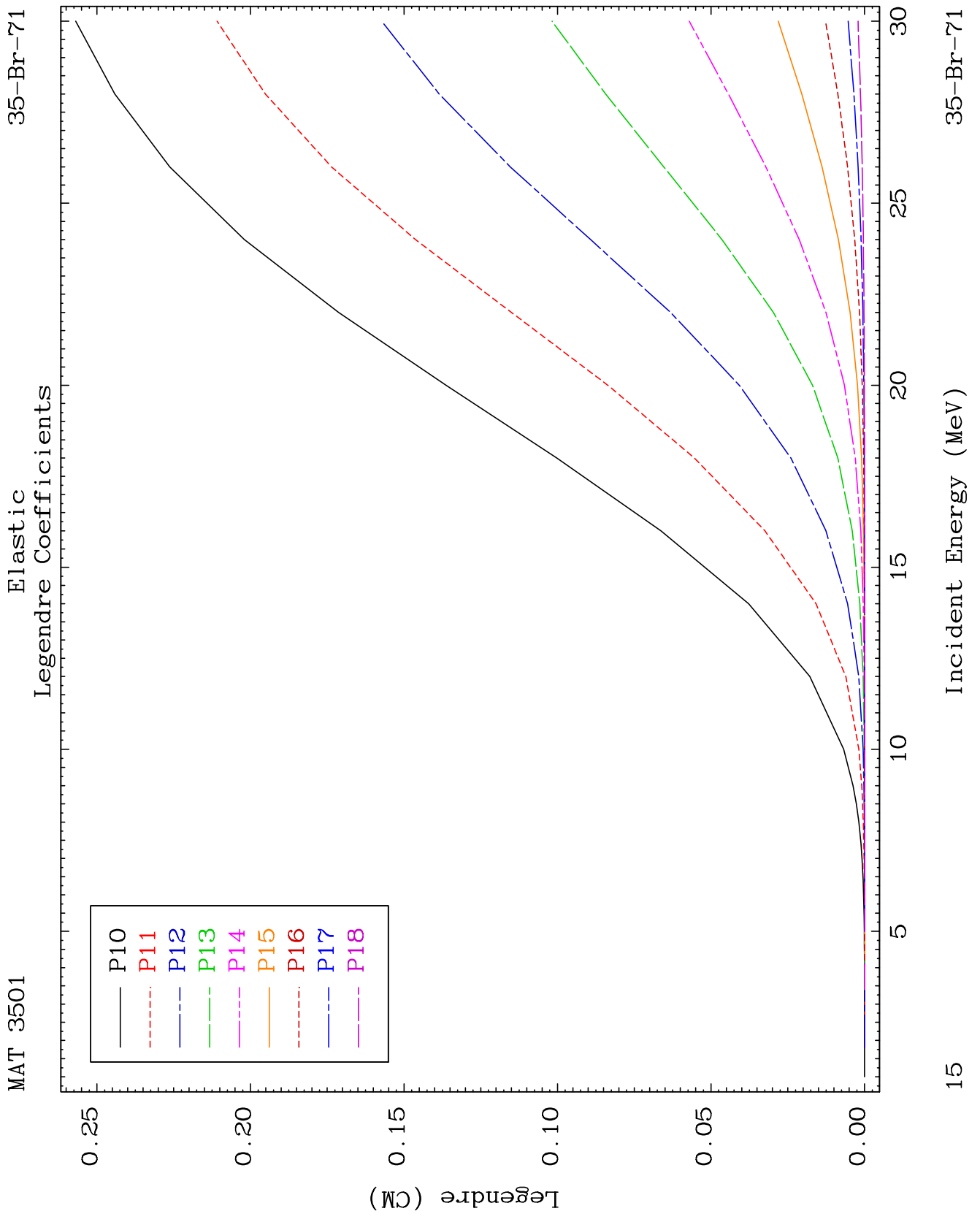
(n,α) Levels
293 Kelvin Cross Sections

35-Br-71





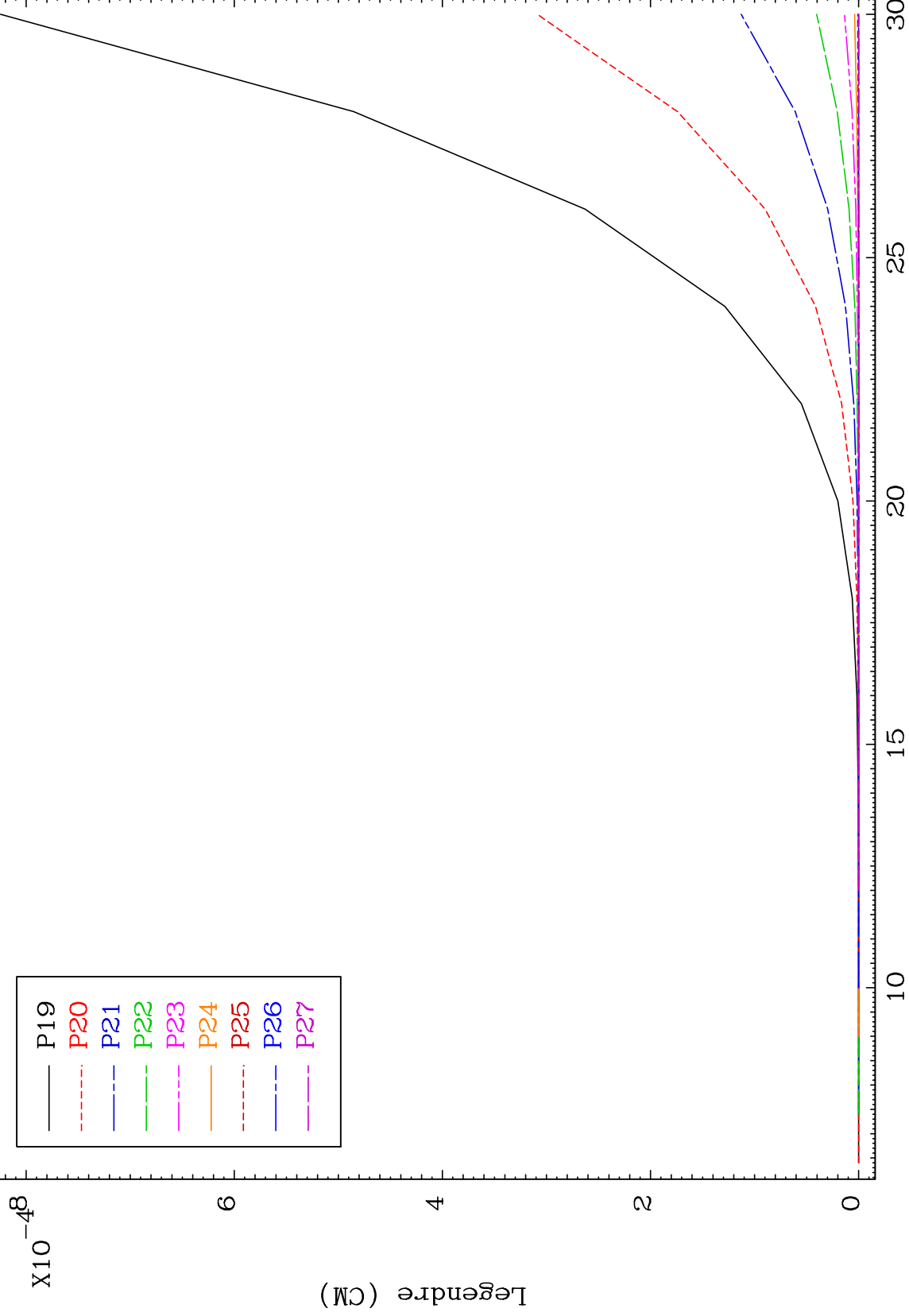




MAT 3501

Elastic Legendre Coefficients

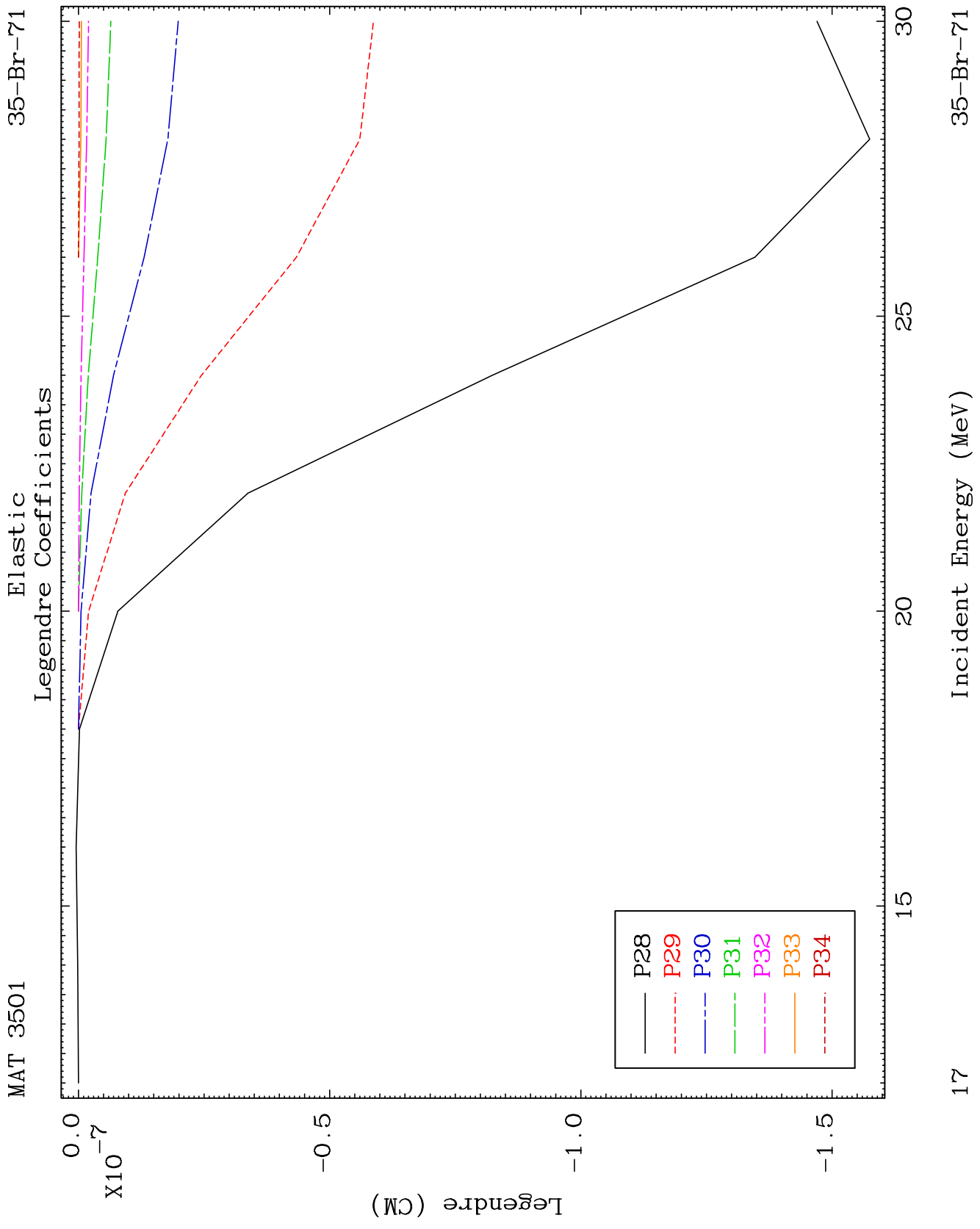
35-Br-71



16

Incident Energy (MeV)

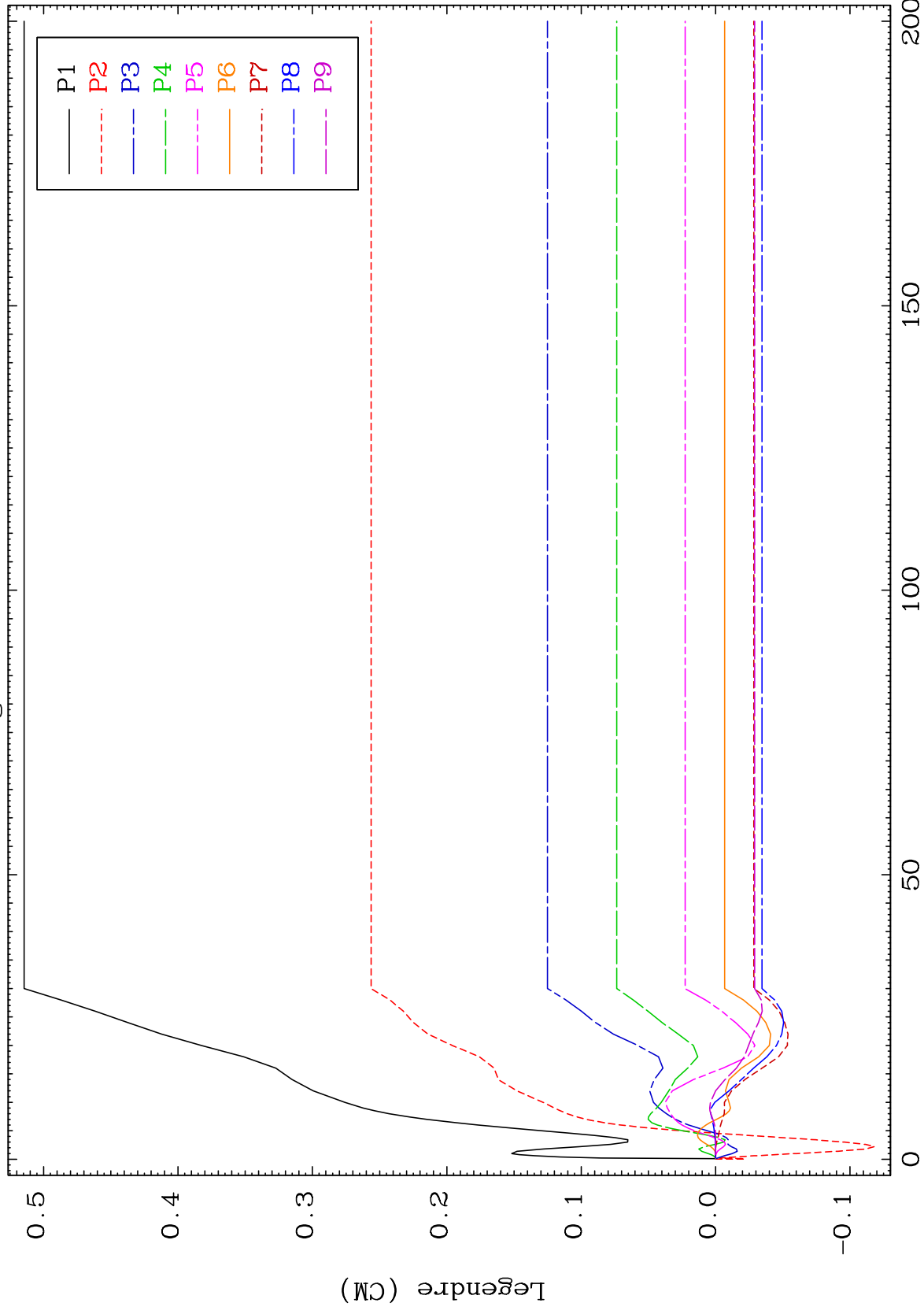
35-Br-71



MAT 3501

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

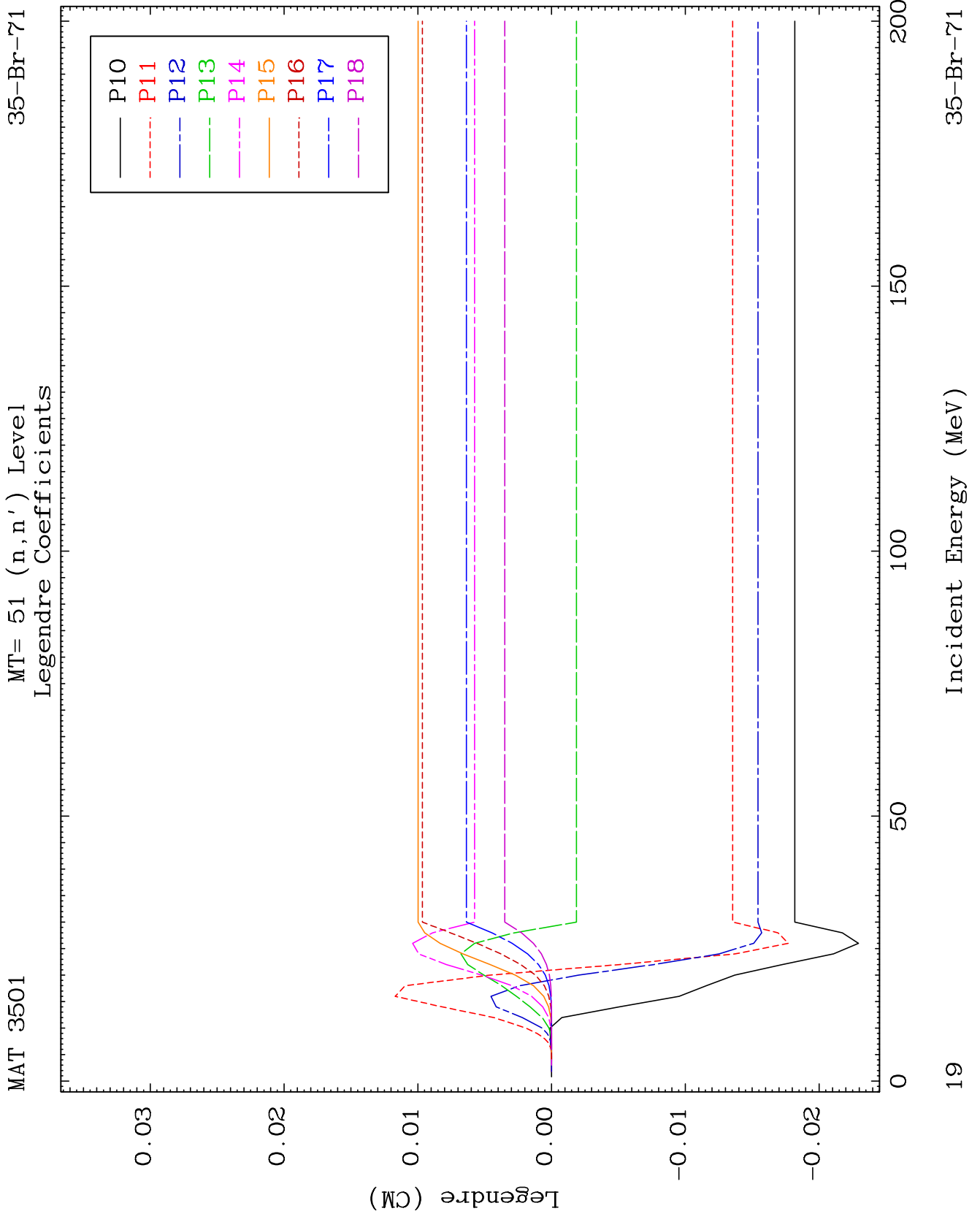
35-Br-71

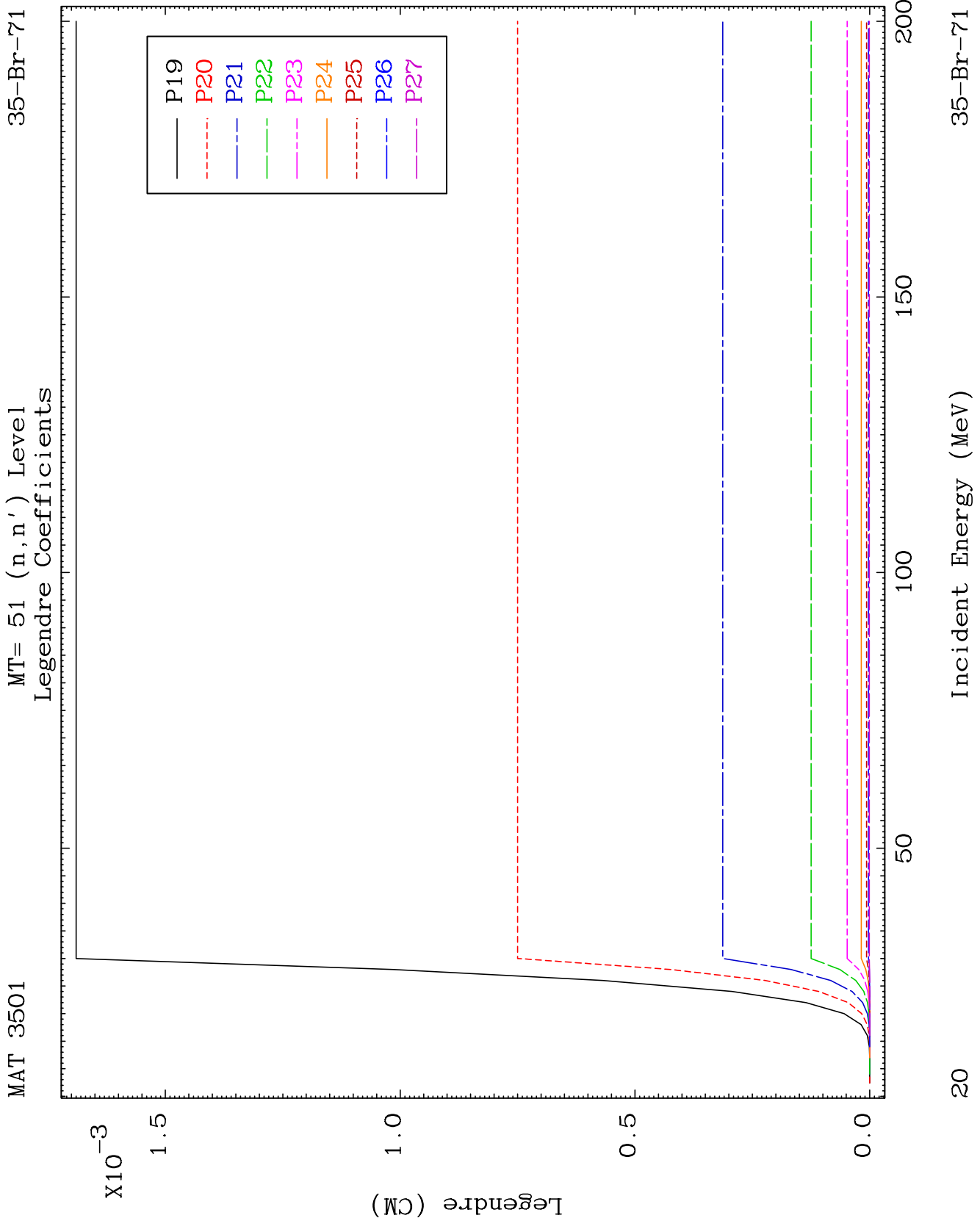


18

Incident Energy (MeV)

35-Br-71

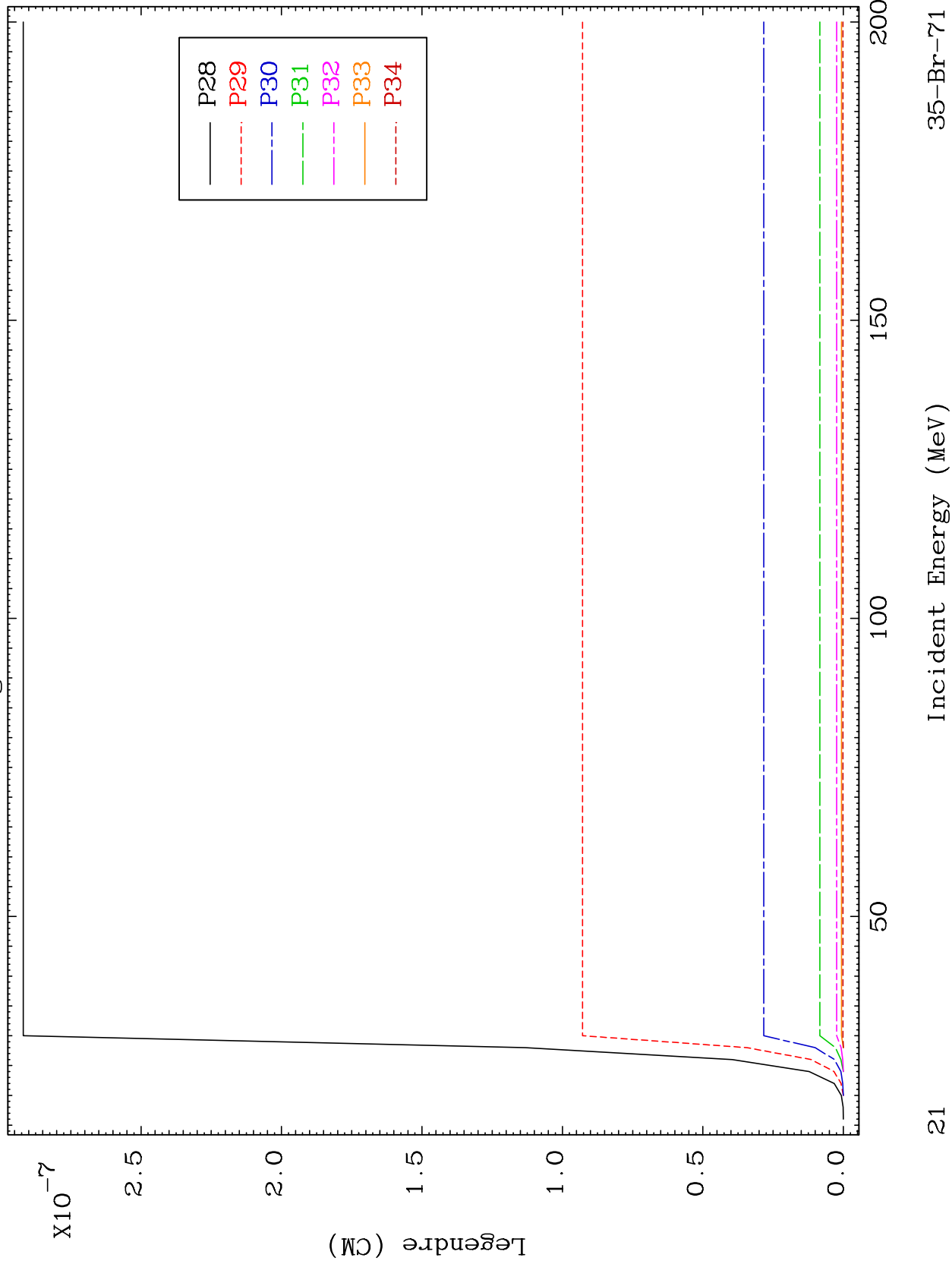




MAT 3501

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

35-Br-71

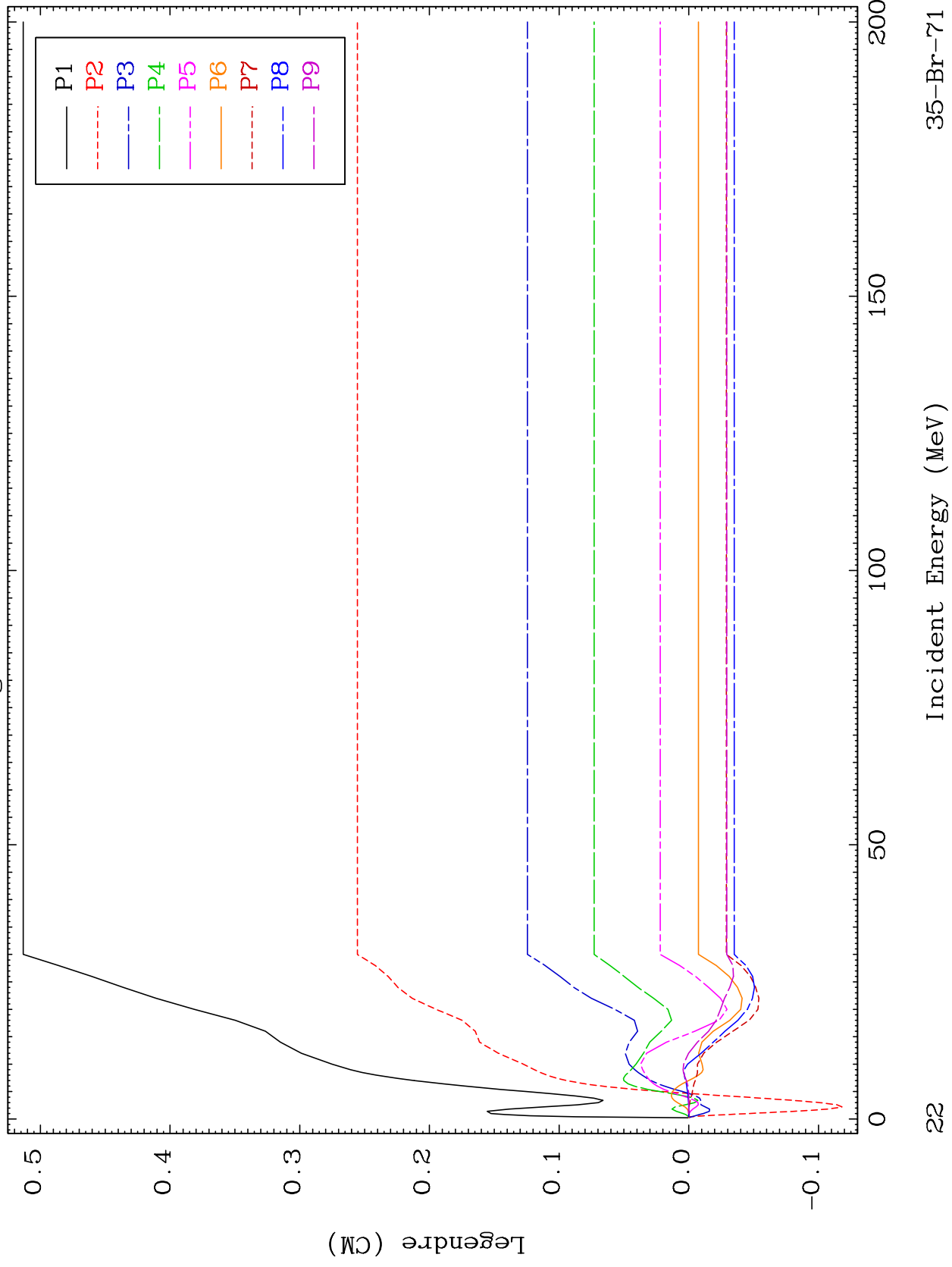


21

MAT 3501

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

35-Br-71



22

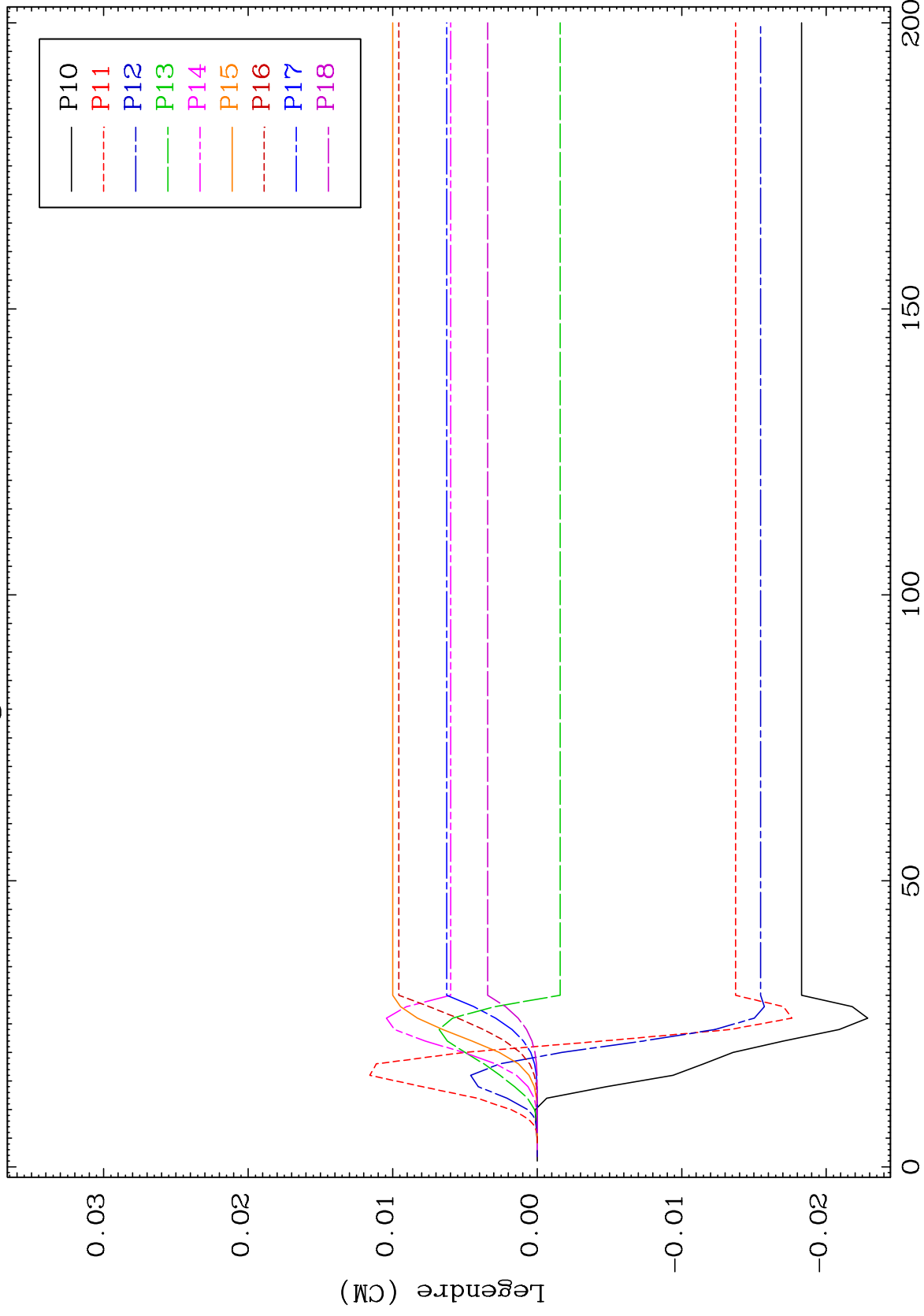
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71



23

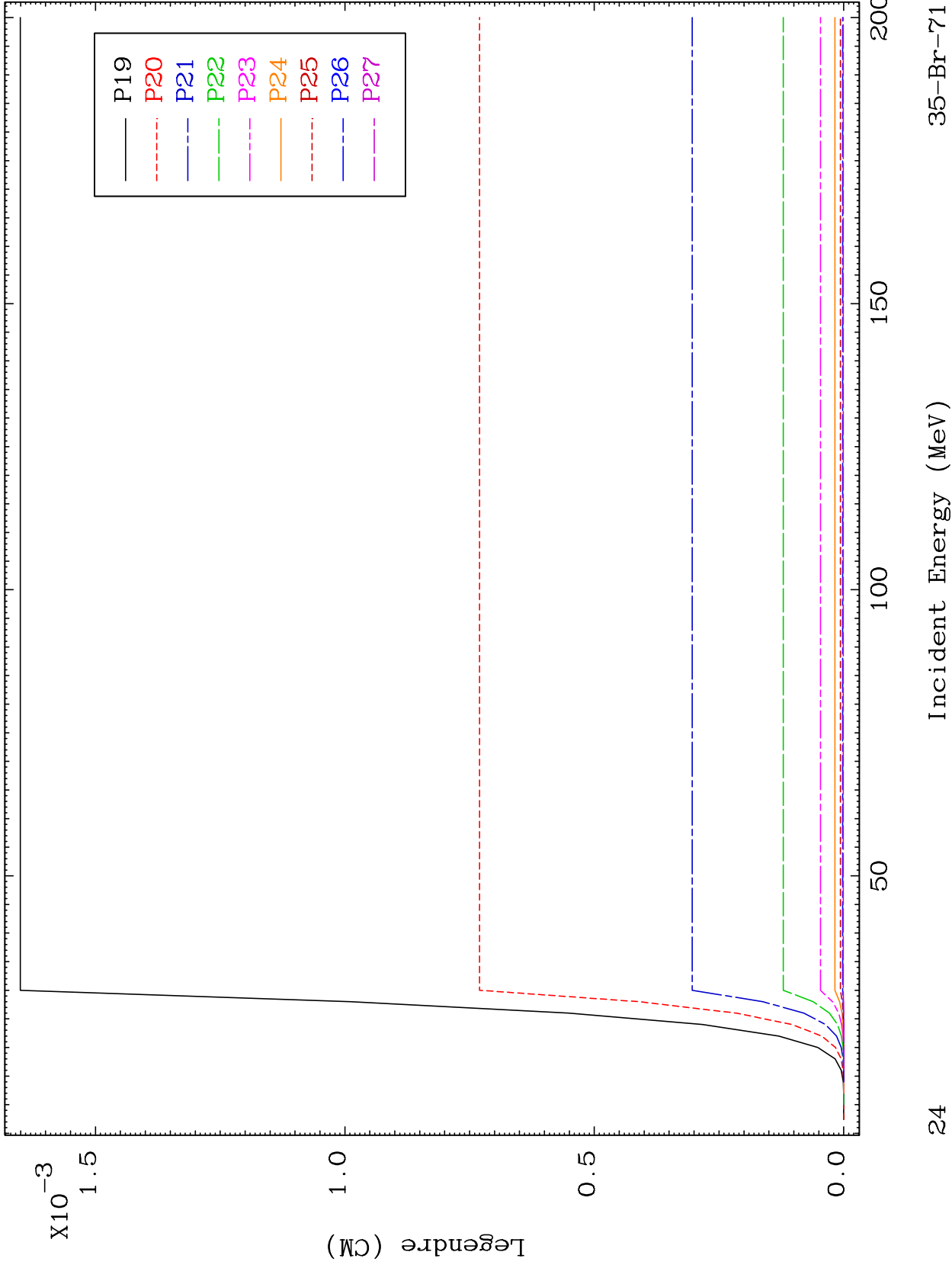
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71



24

Incident Energy (MeV)

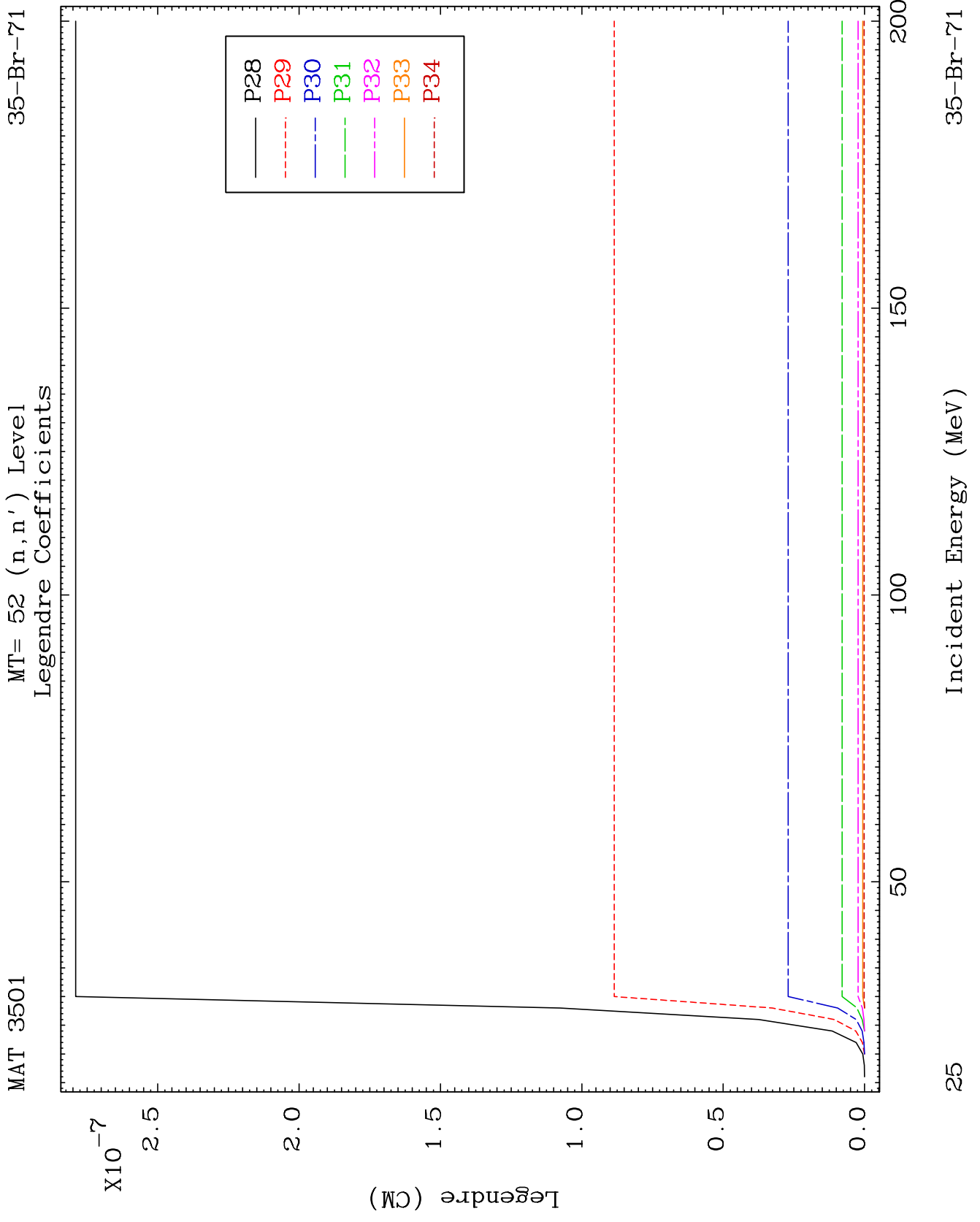
35-Br-71

200

150

100

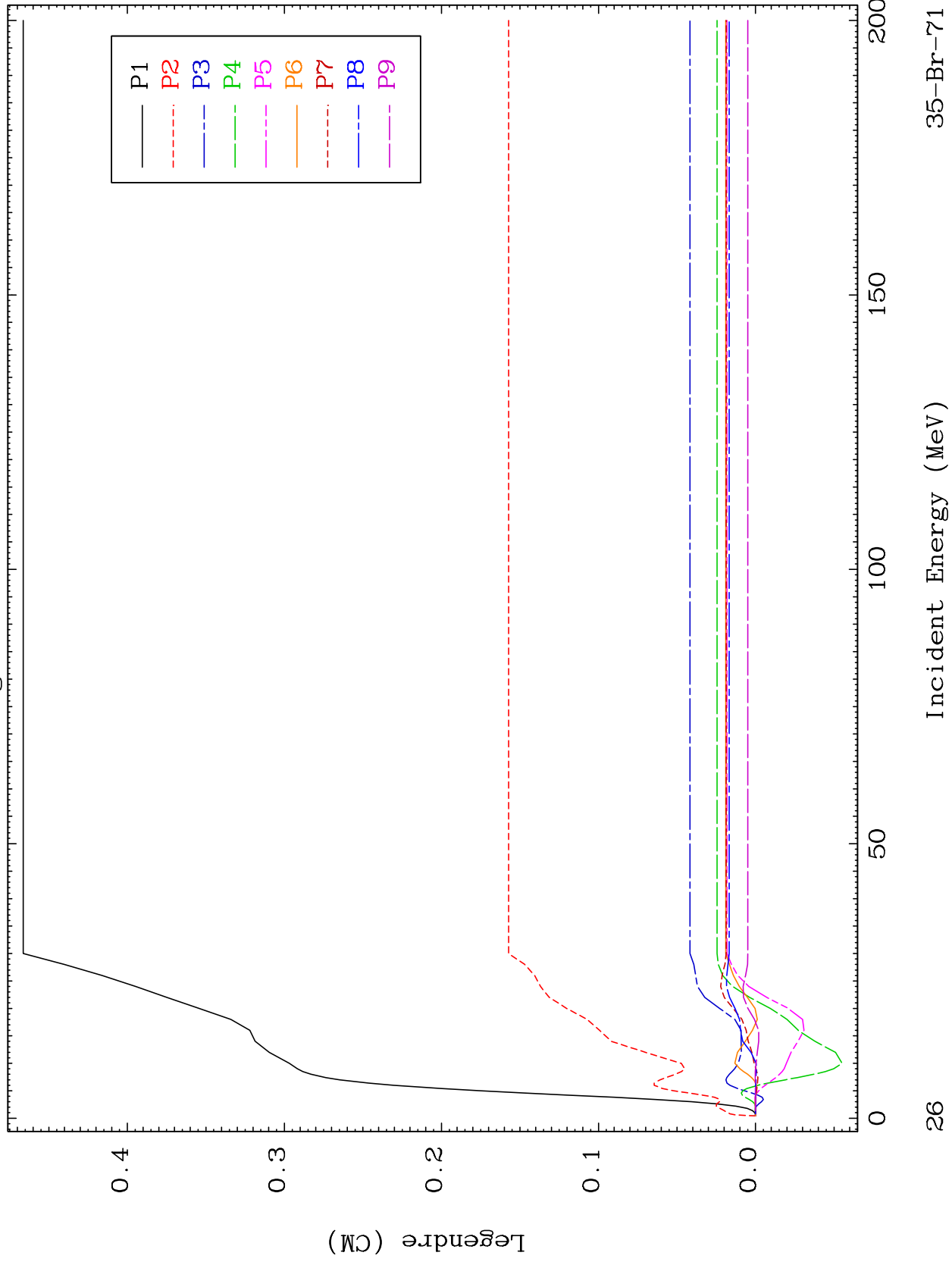
50



MAT 3501

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

35-Br-71



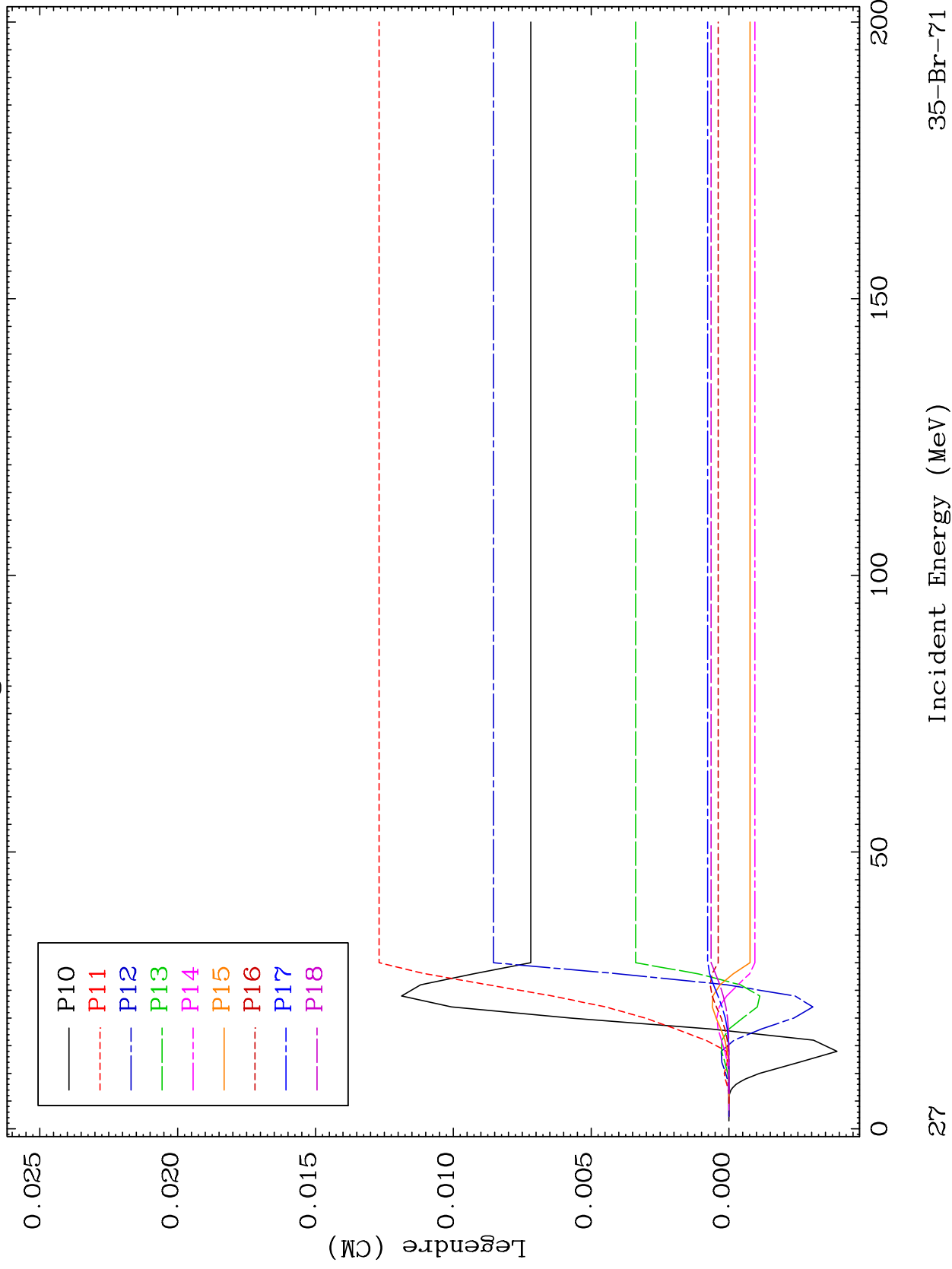
26

35-Br-71

MAT 3501

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

35-Br-71



27

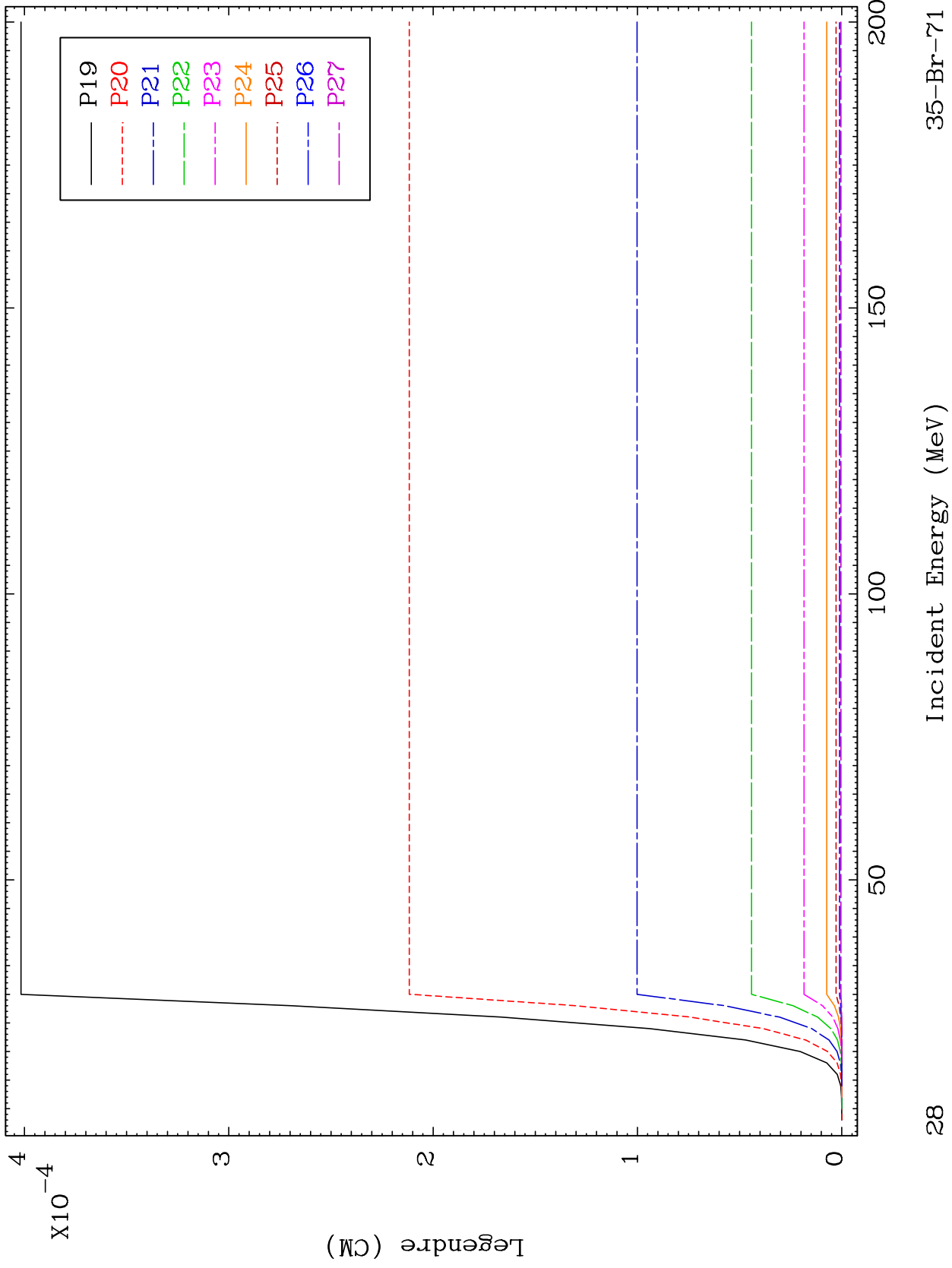
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71

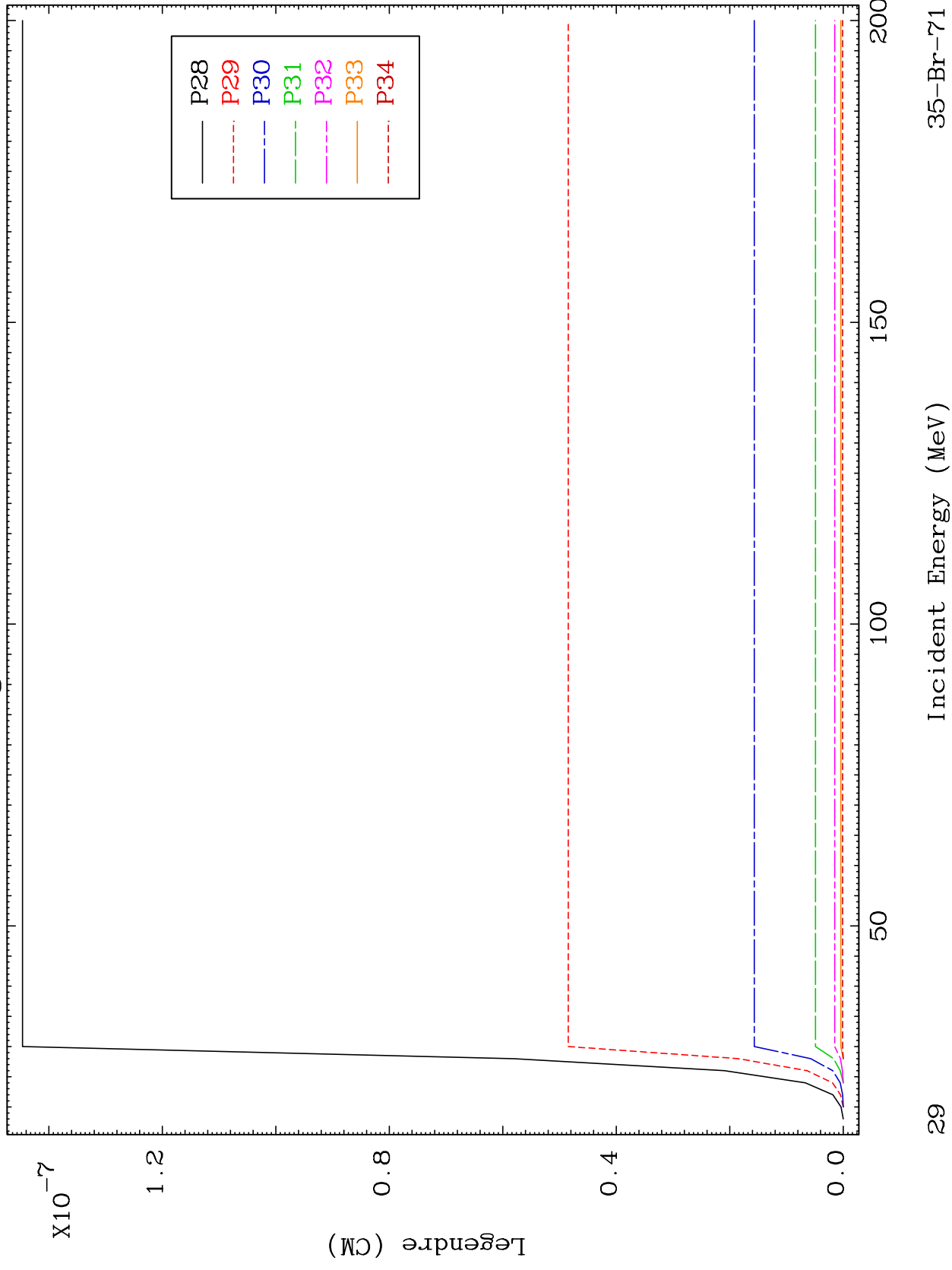


28

MAT 3501

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

35-Br-71



29

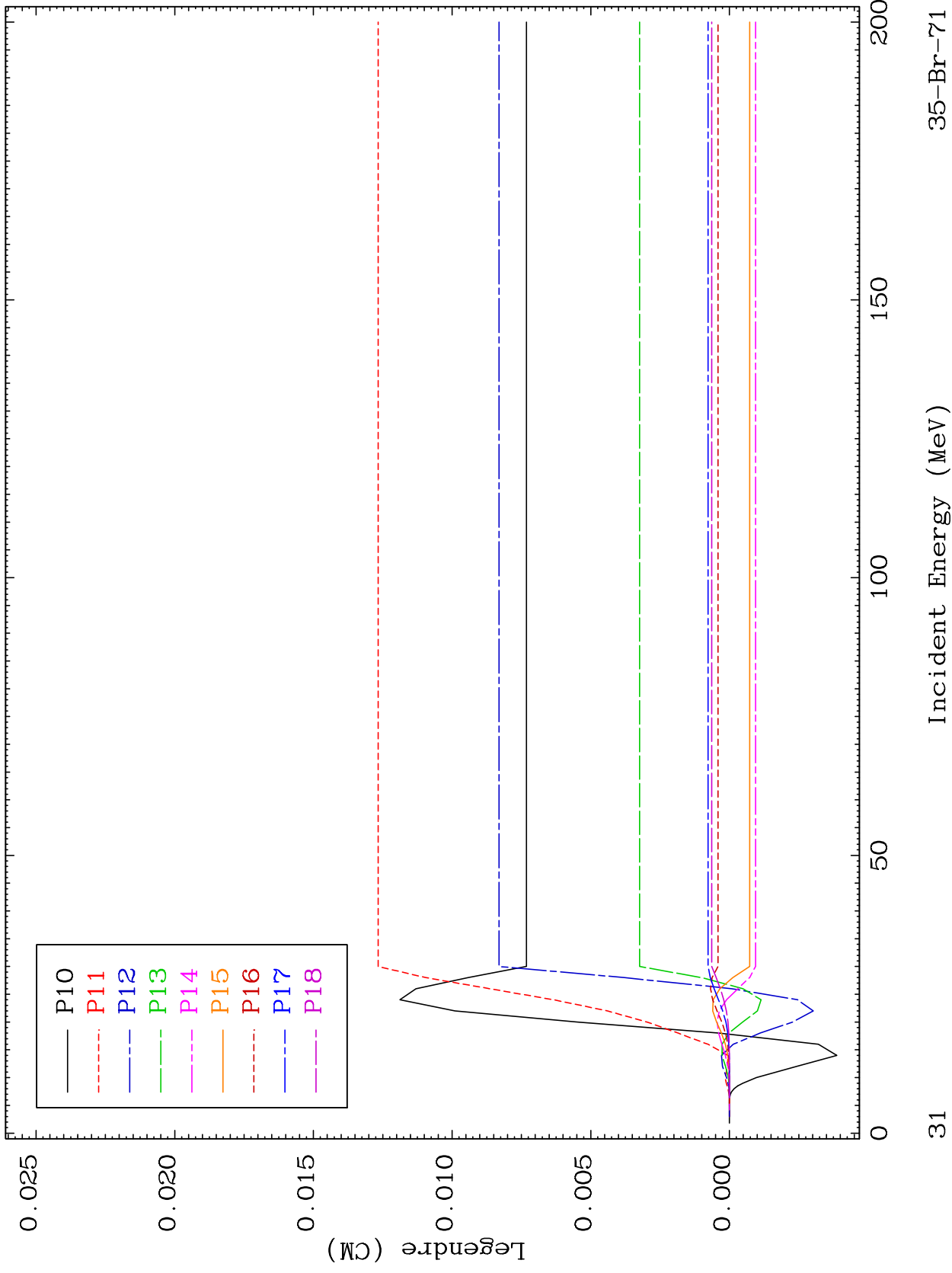
Incident Energy (MeV)

35-Br-71

MAT 3501

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

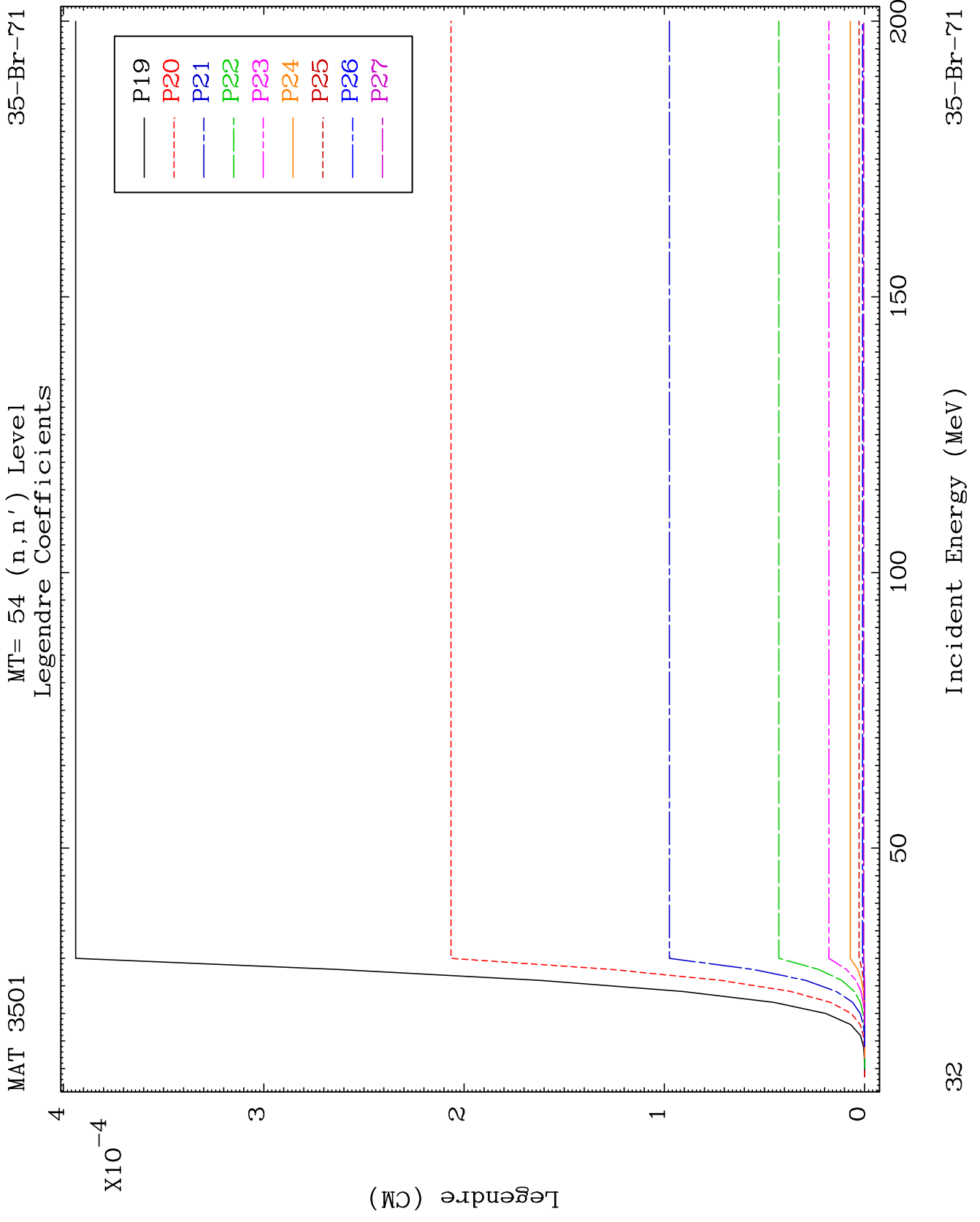
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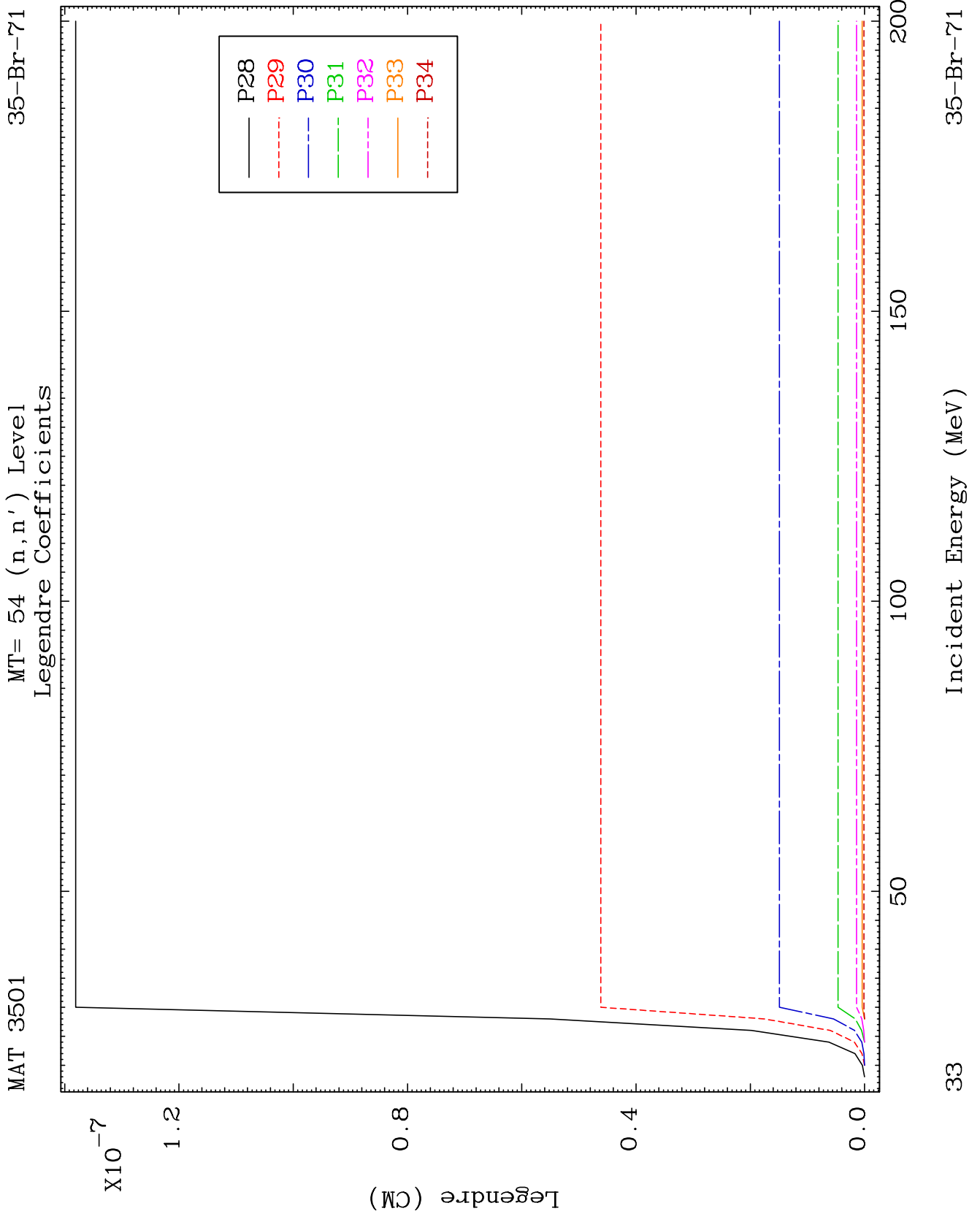


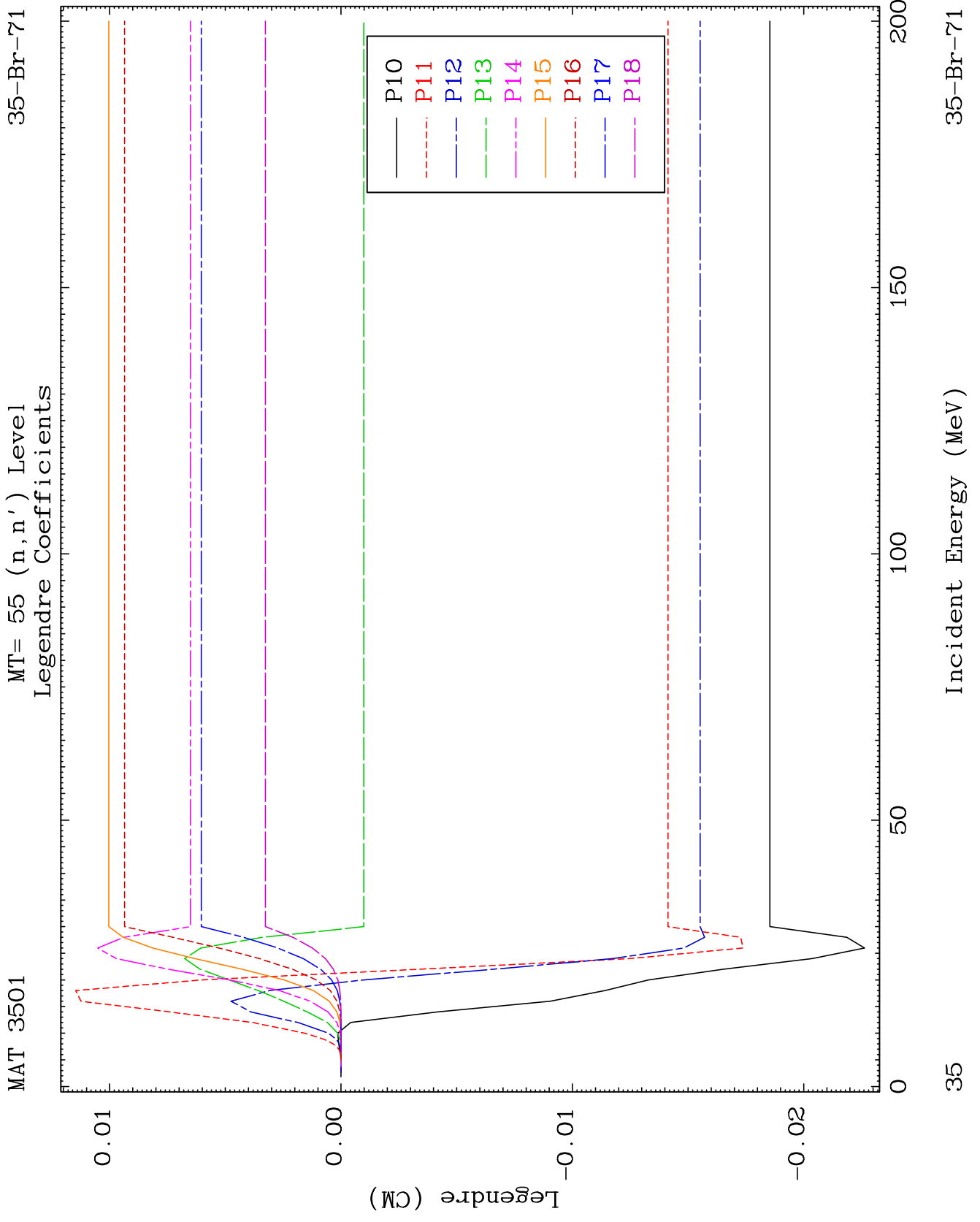
31

Incident Energy (MeV)

35-Br-71



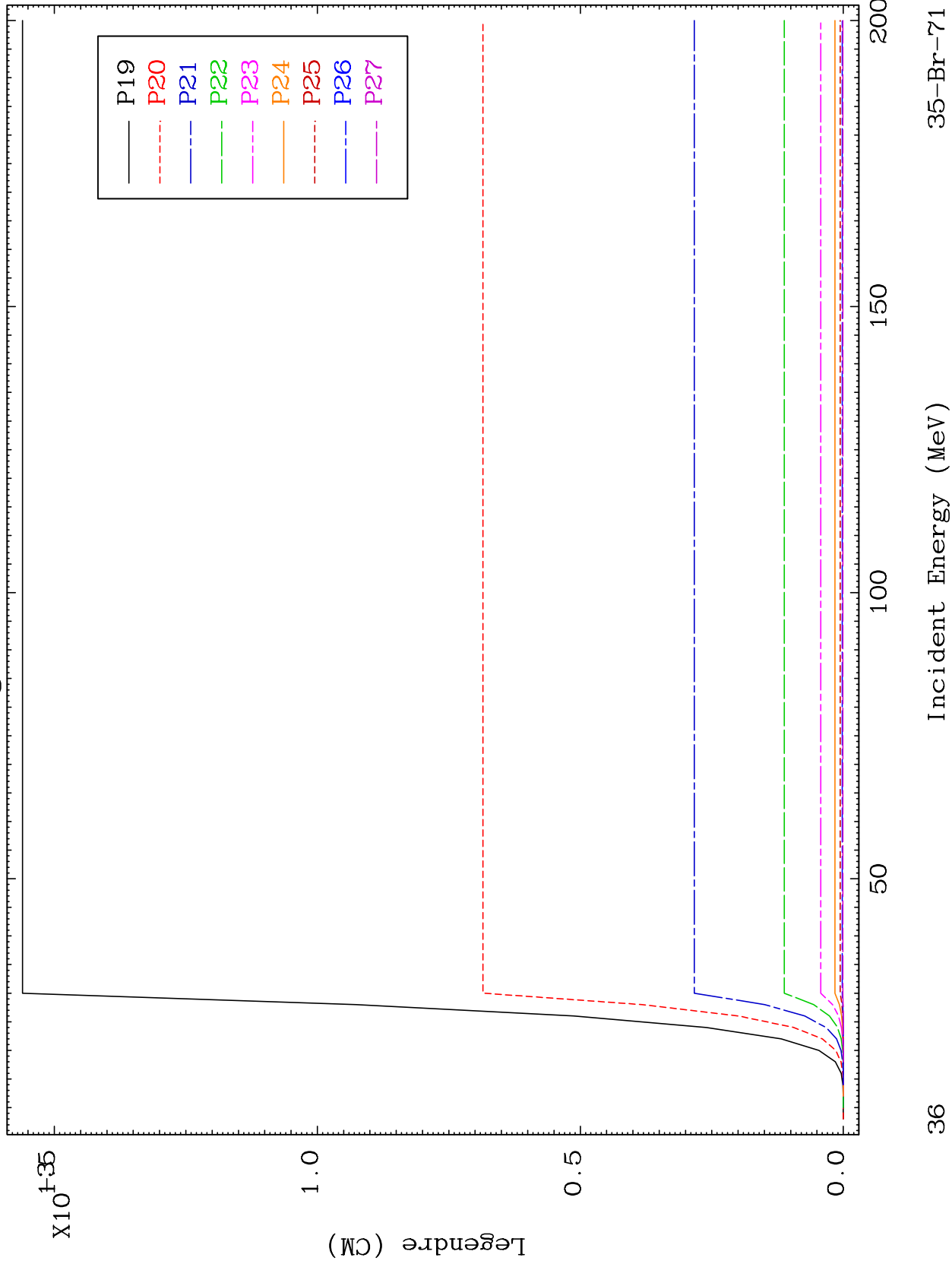




MAT 3501

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

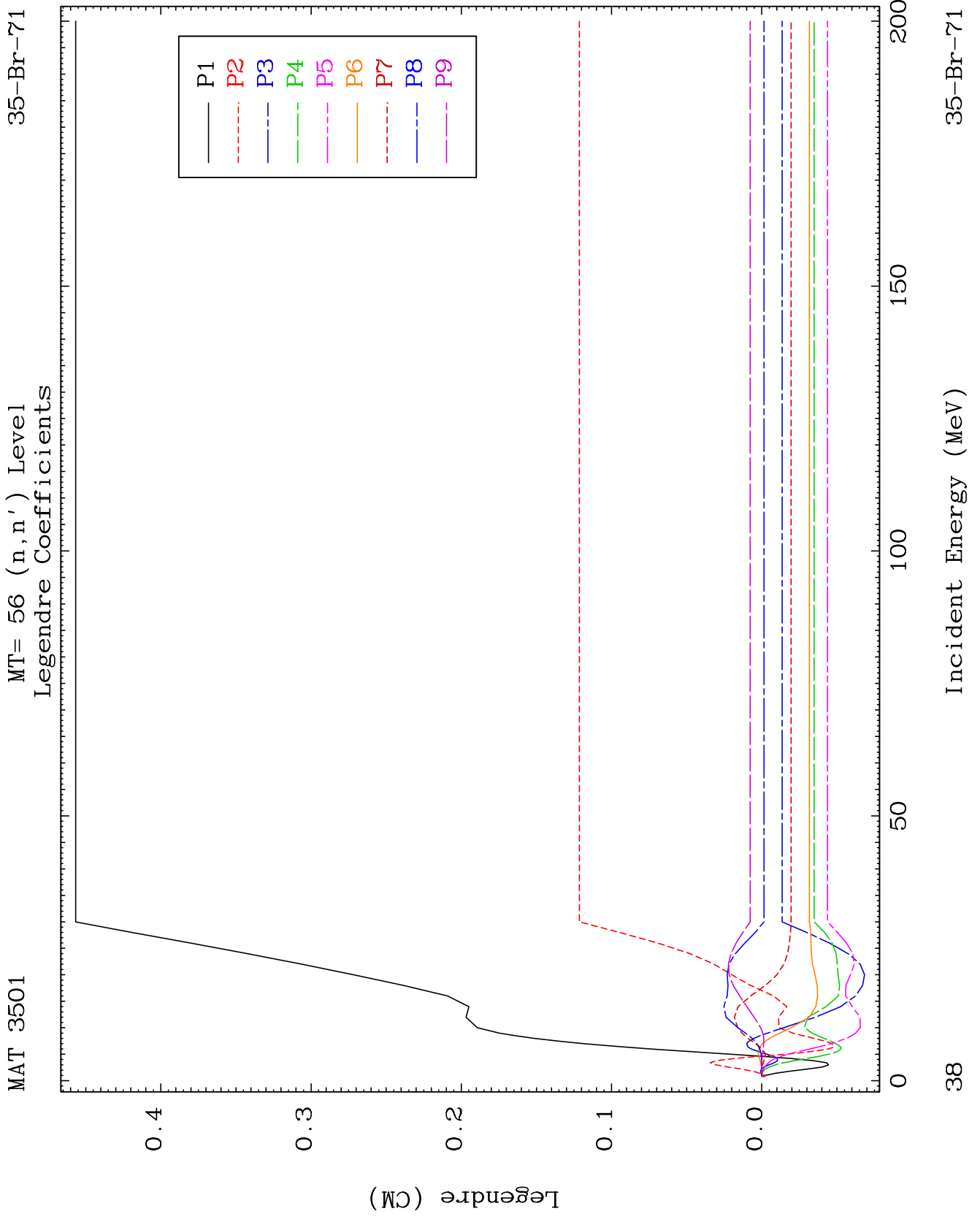
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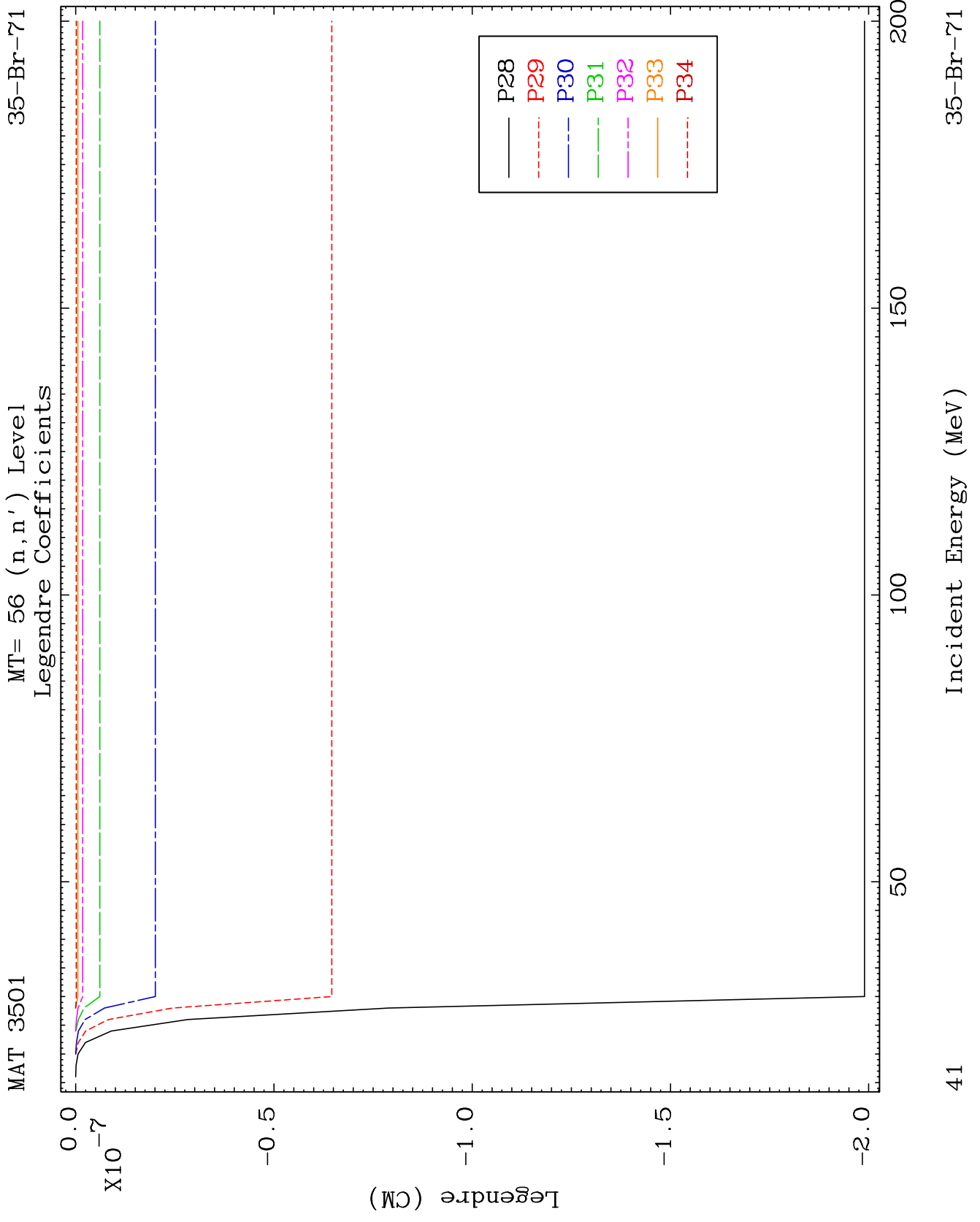


36

Incident Energy (MeV)

35-Br-71

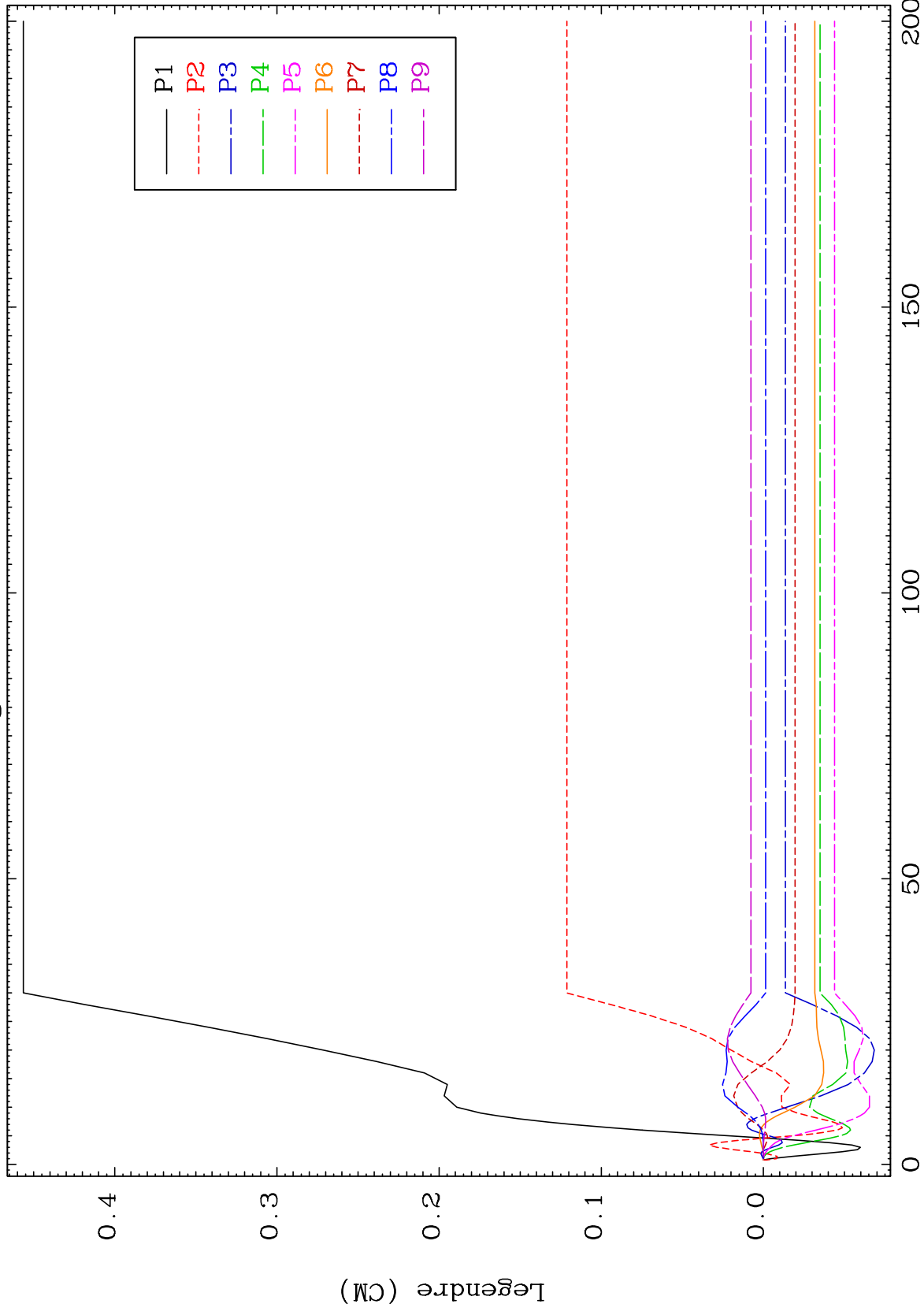




MAT 3501

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

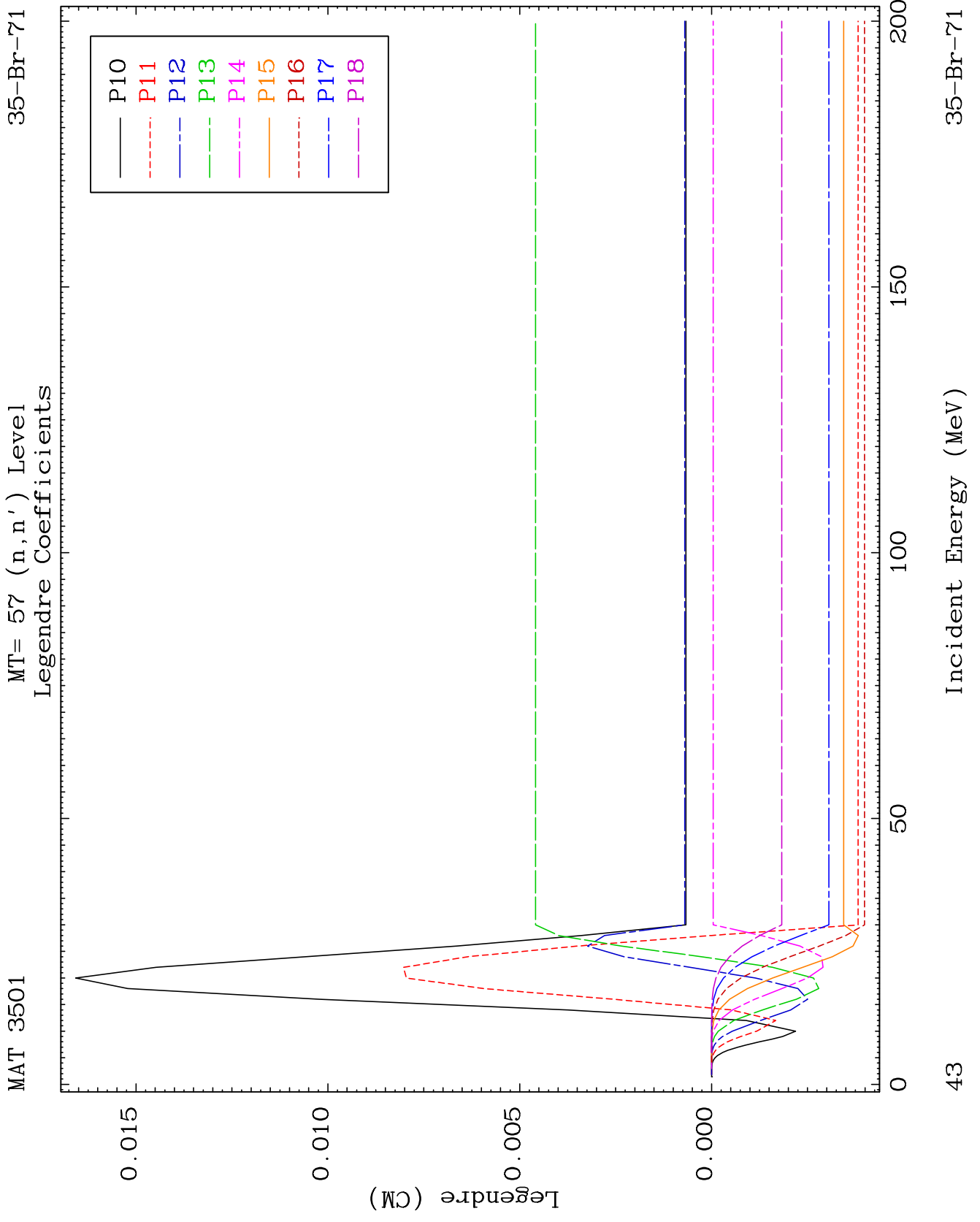
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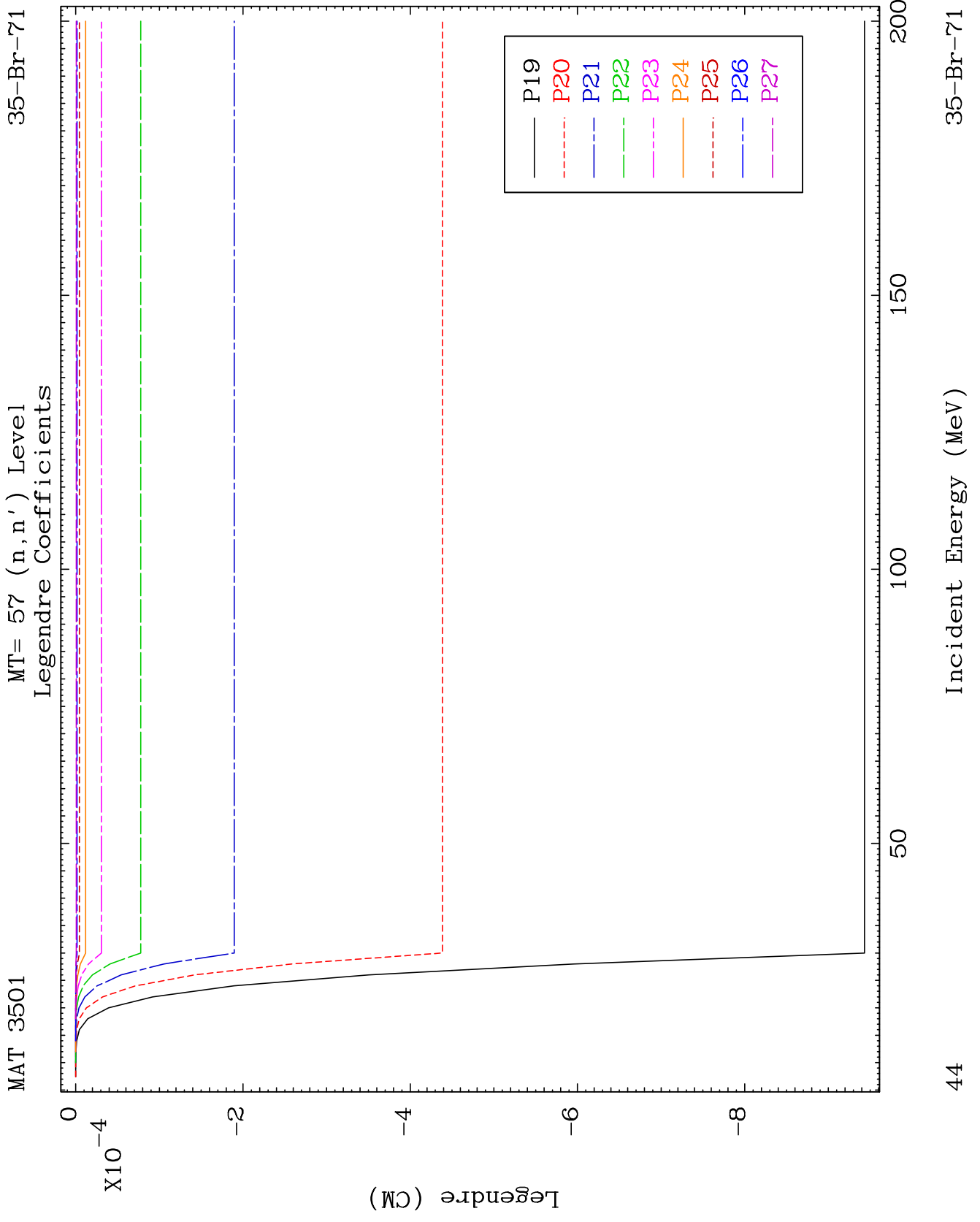


42

Incident Energy (MeV)

35-Br-71

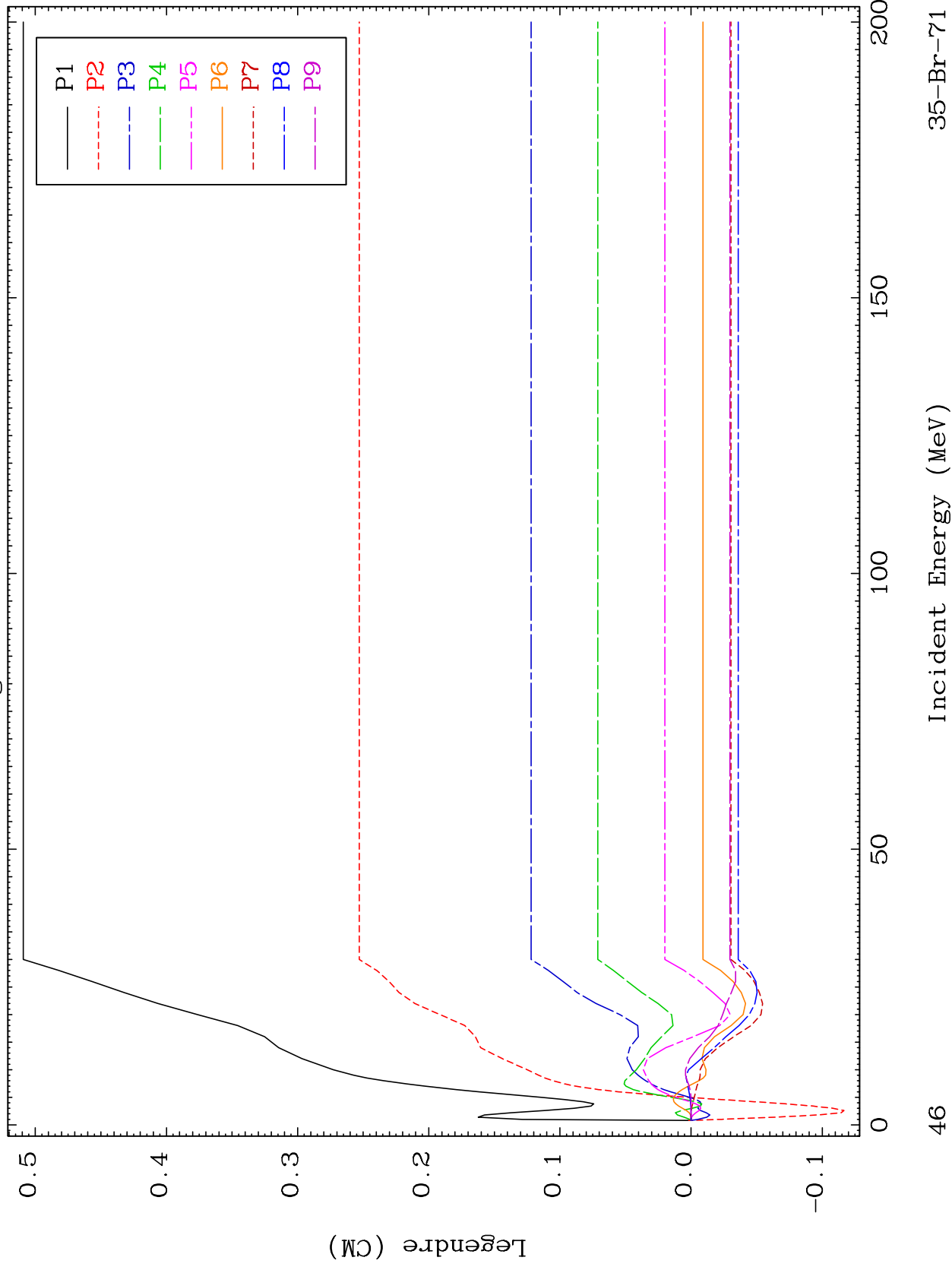




MAT 3501

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

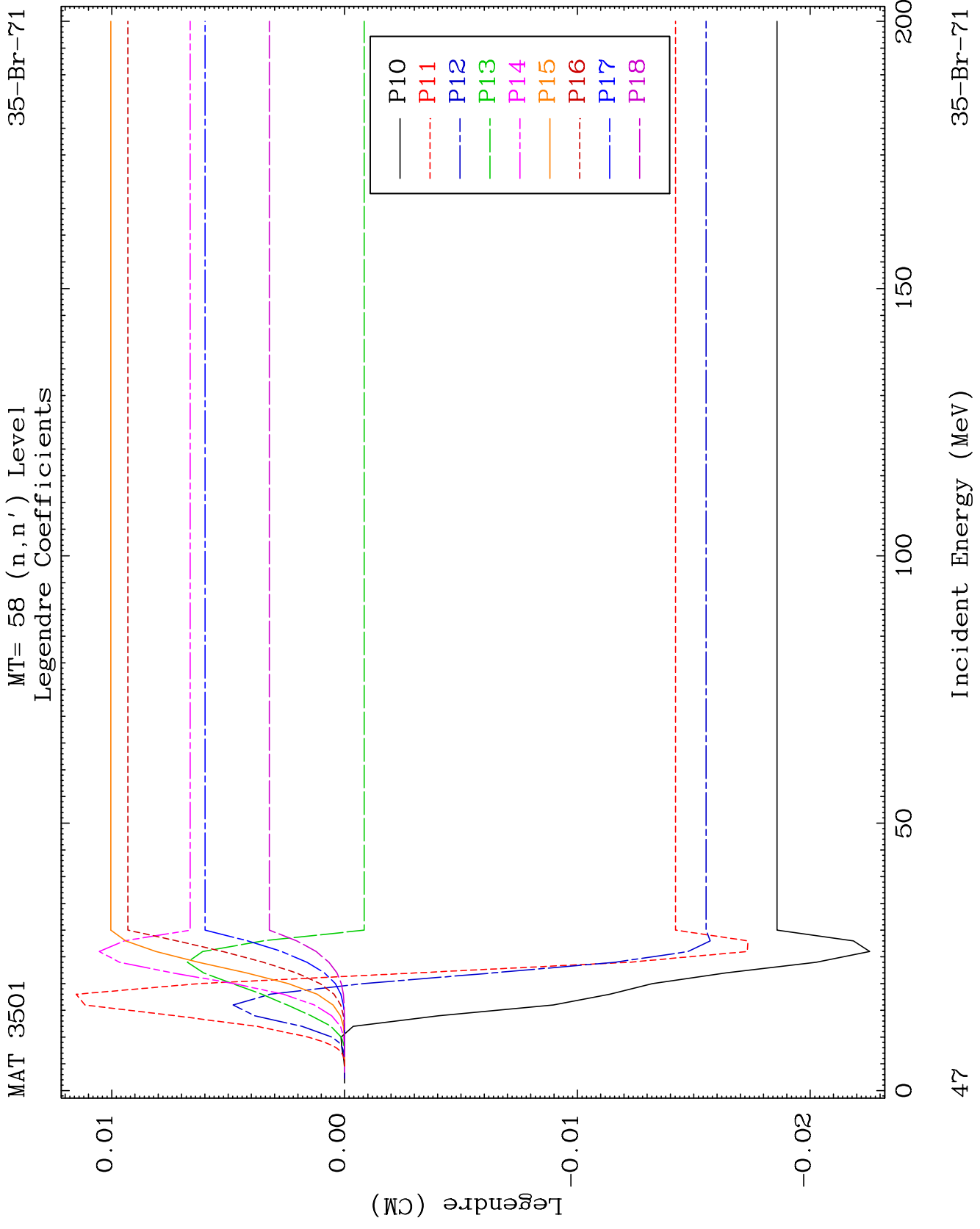
35-Br-71



46

Incident Energy (MeV)

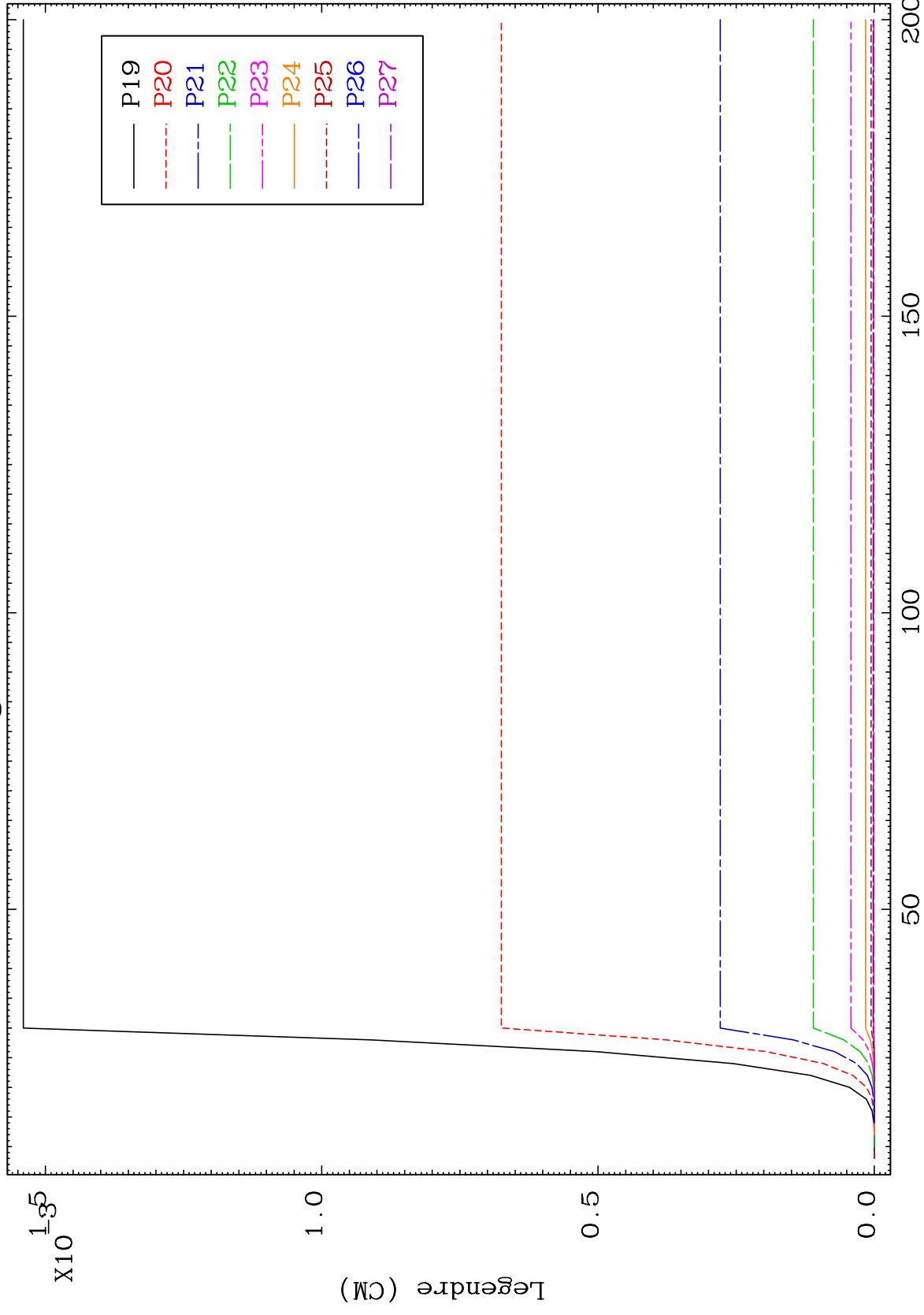
35-Br-71



MAT 3501

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

35-Br-71



48

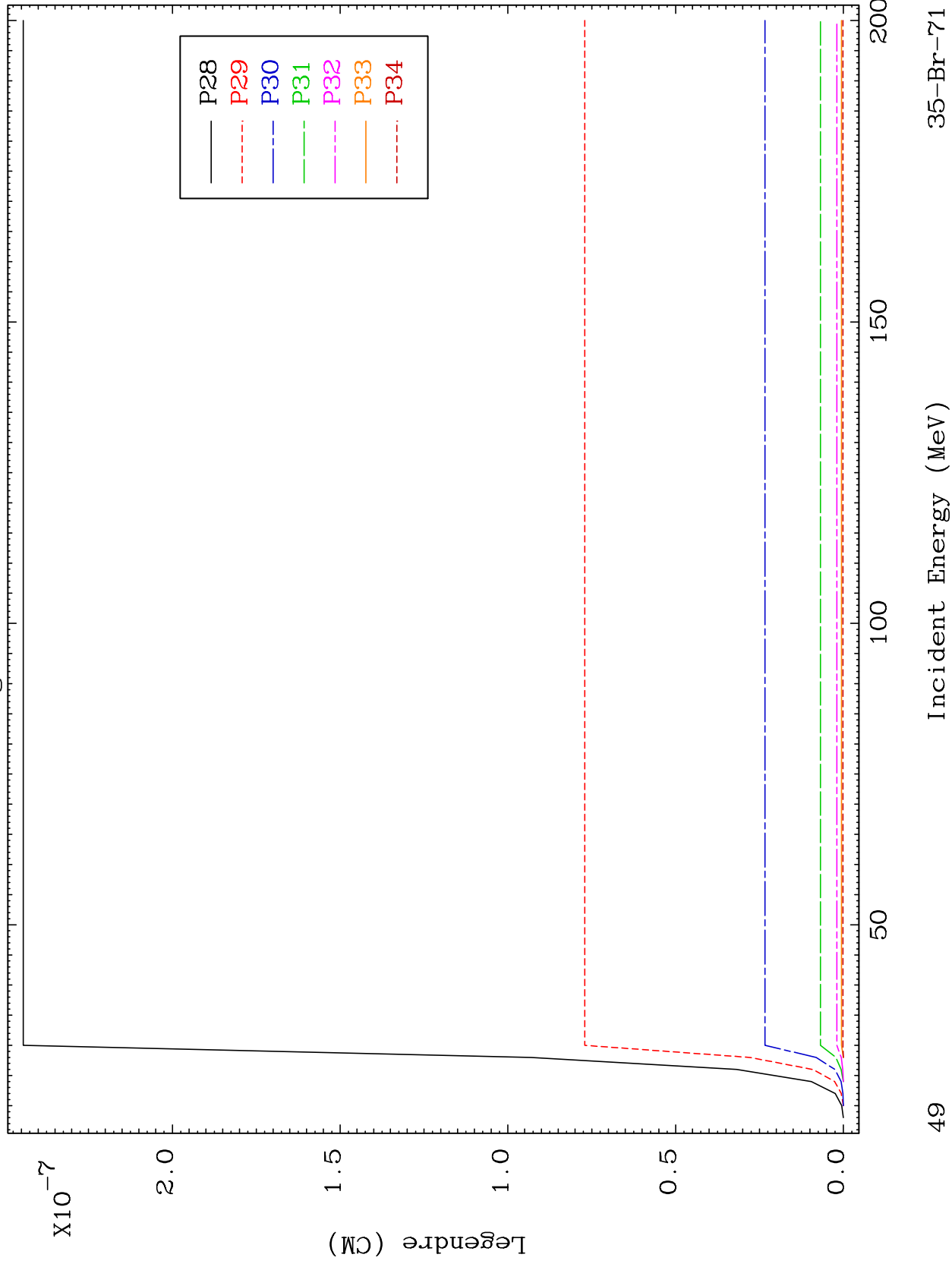
Incident Energy (MeV)

35-Br-71

MAT 3501

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

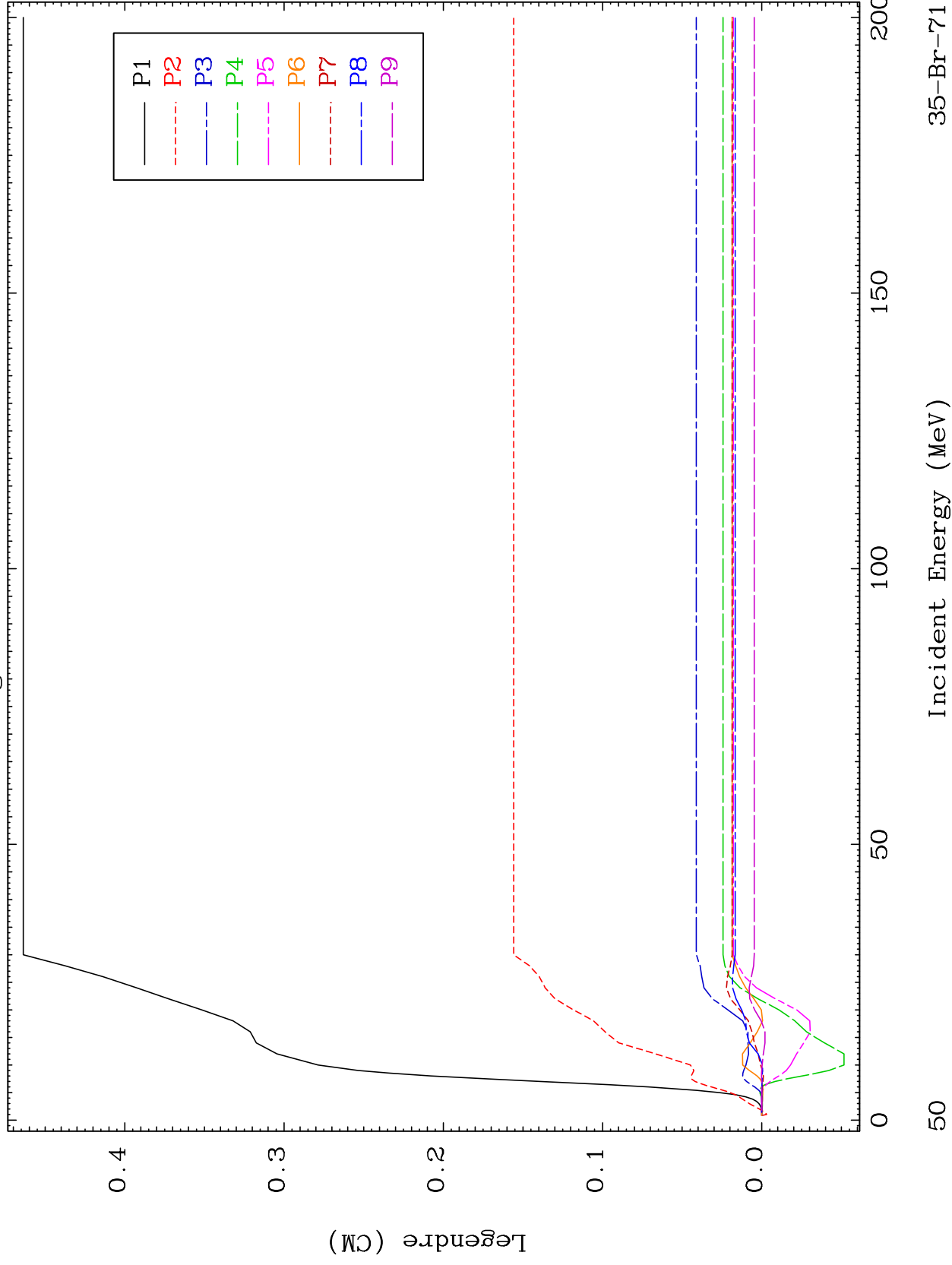
35-Br-71



MAT 3501

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

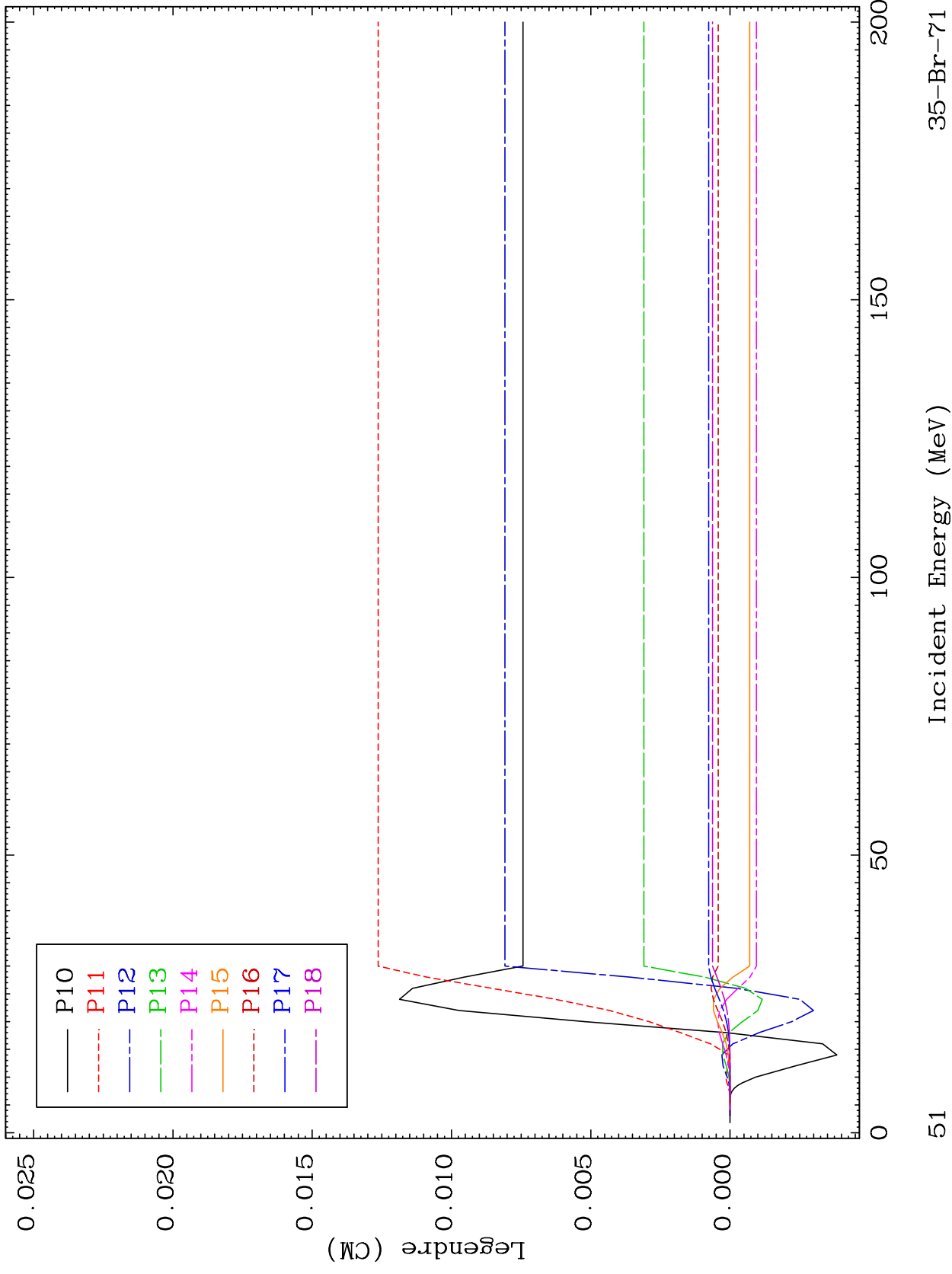
35-Br-71



MAT 3501

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

35-Br-71



51

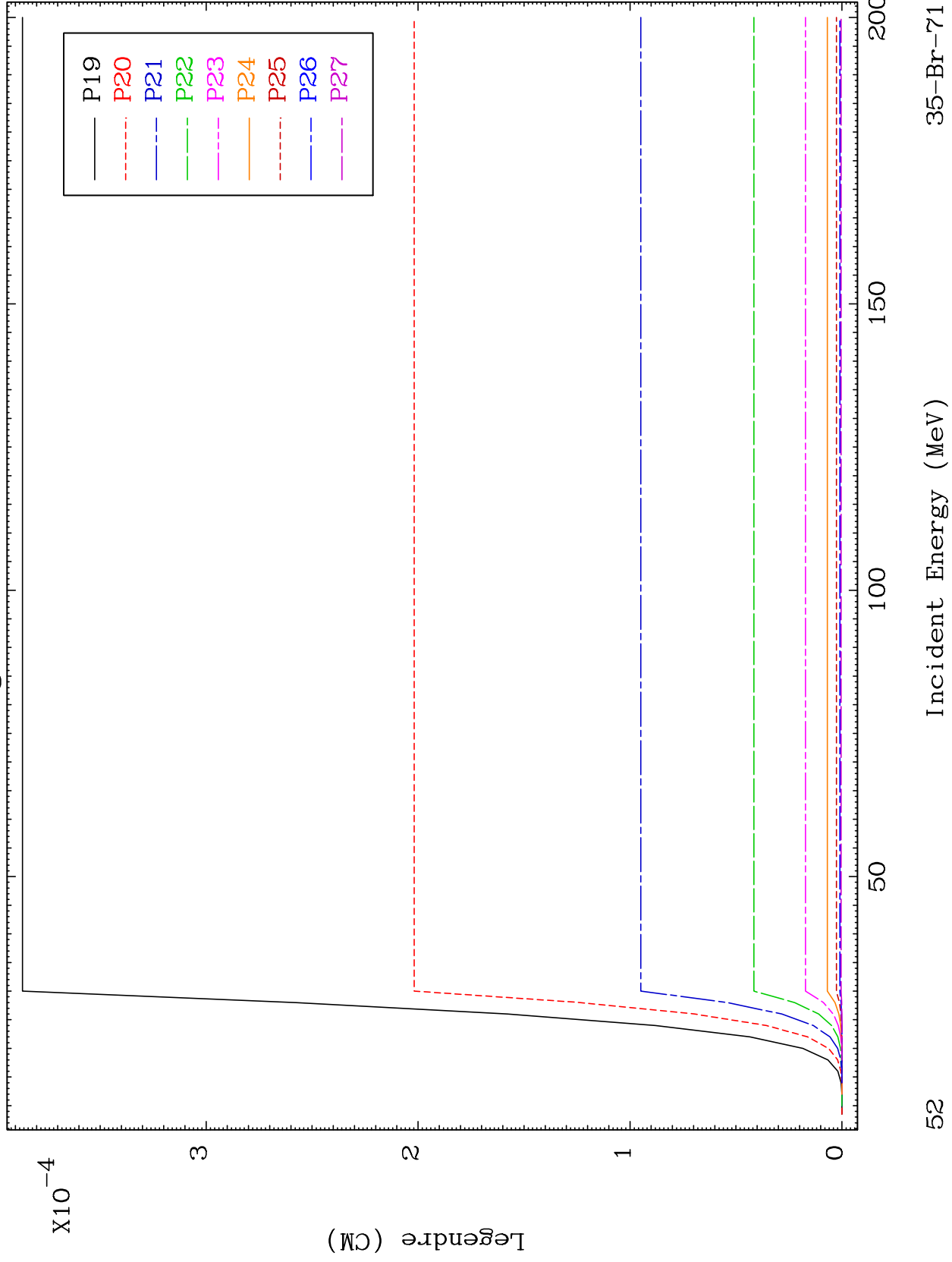
Incident Energy (MeV)

35-Br-71

MAT 3501

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

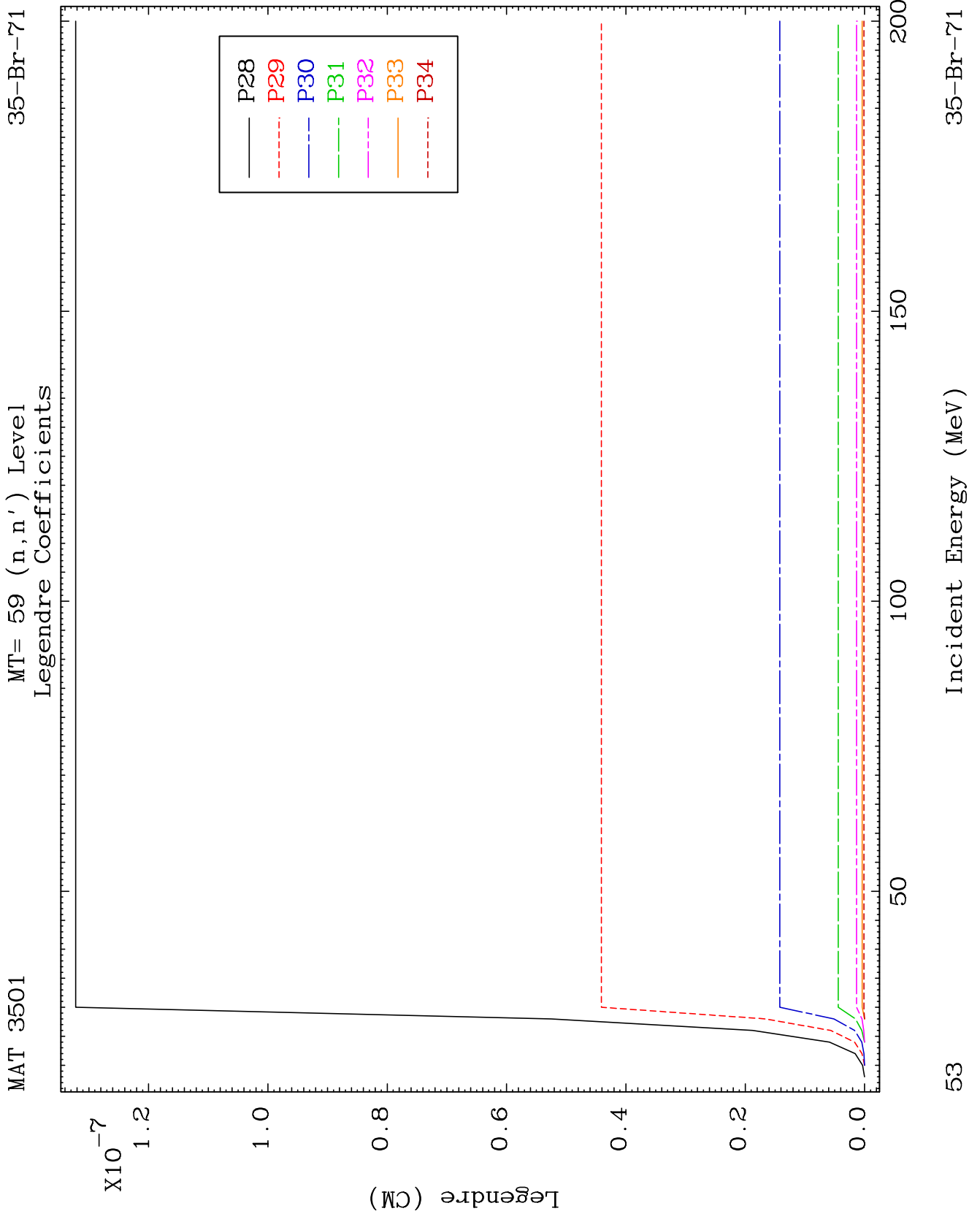
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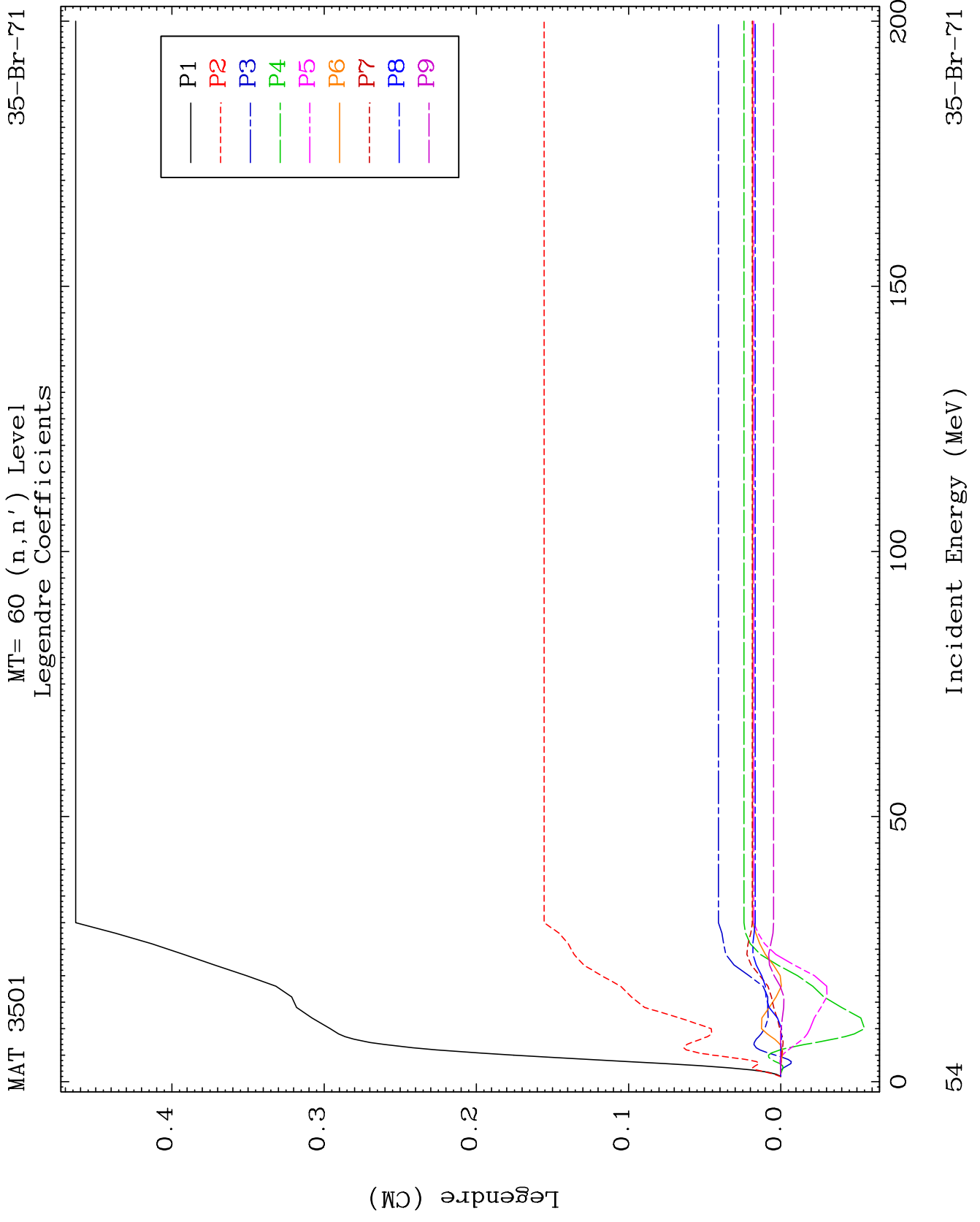


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Incident Energy (MeV)

35-Br-71

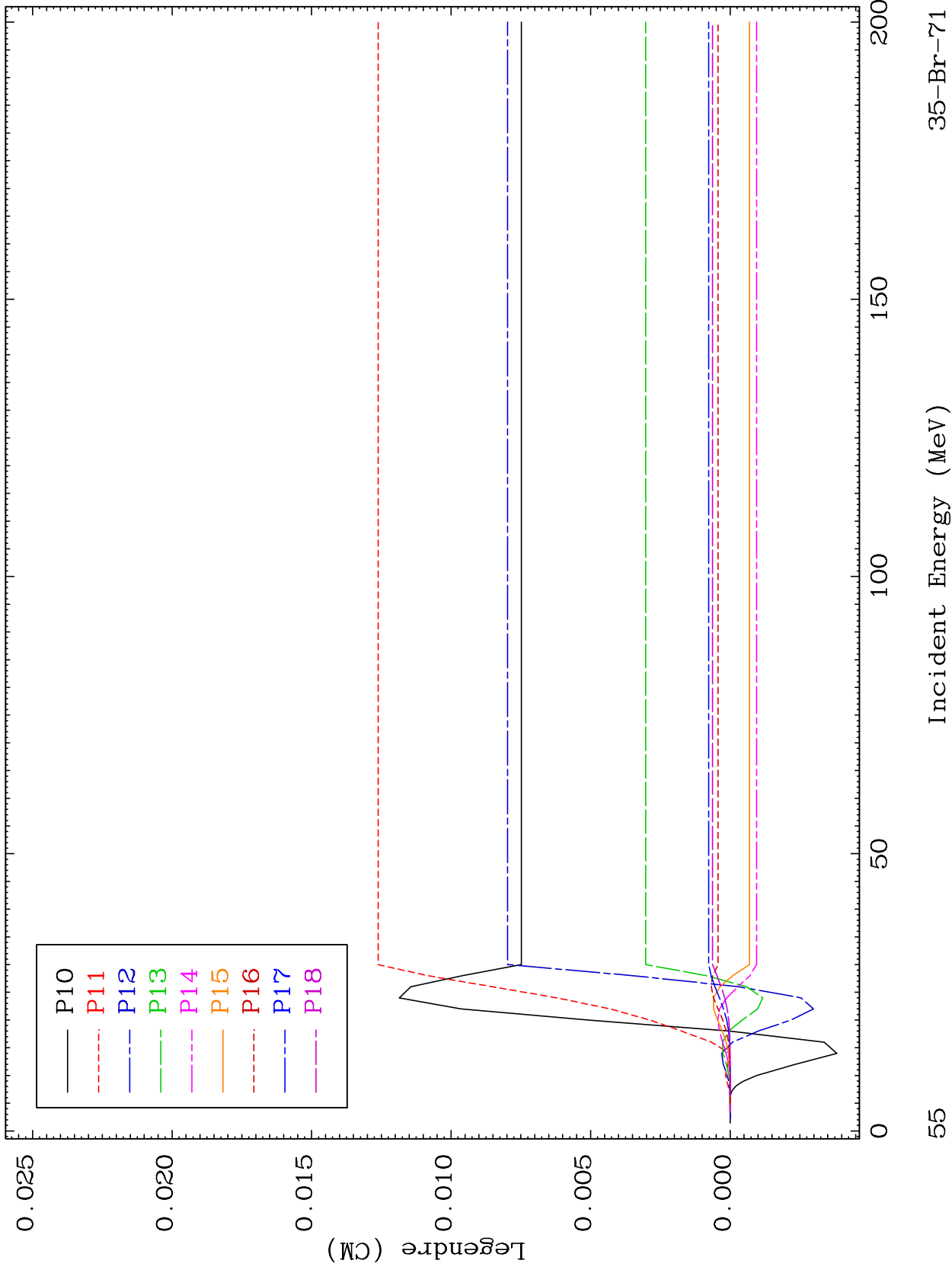




MAT 3501

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

35-Br-71



35-Br-71

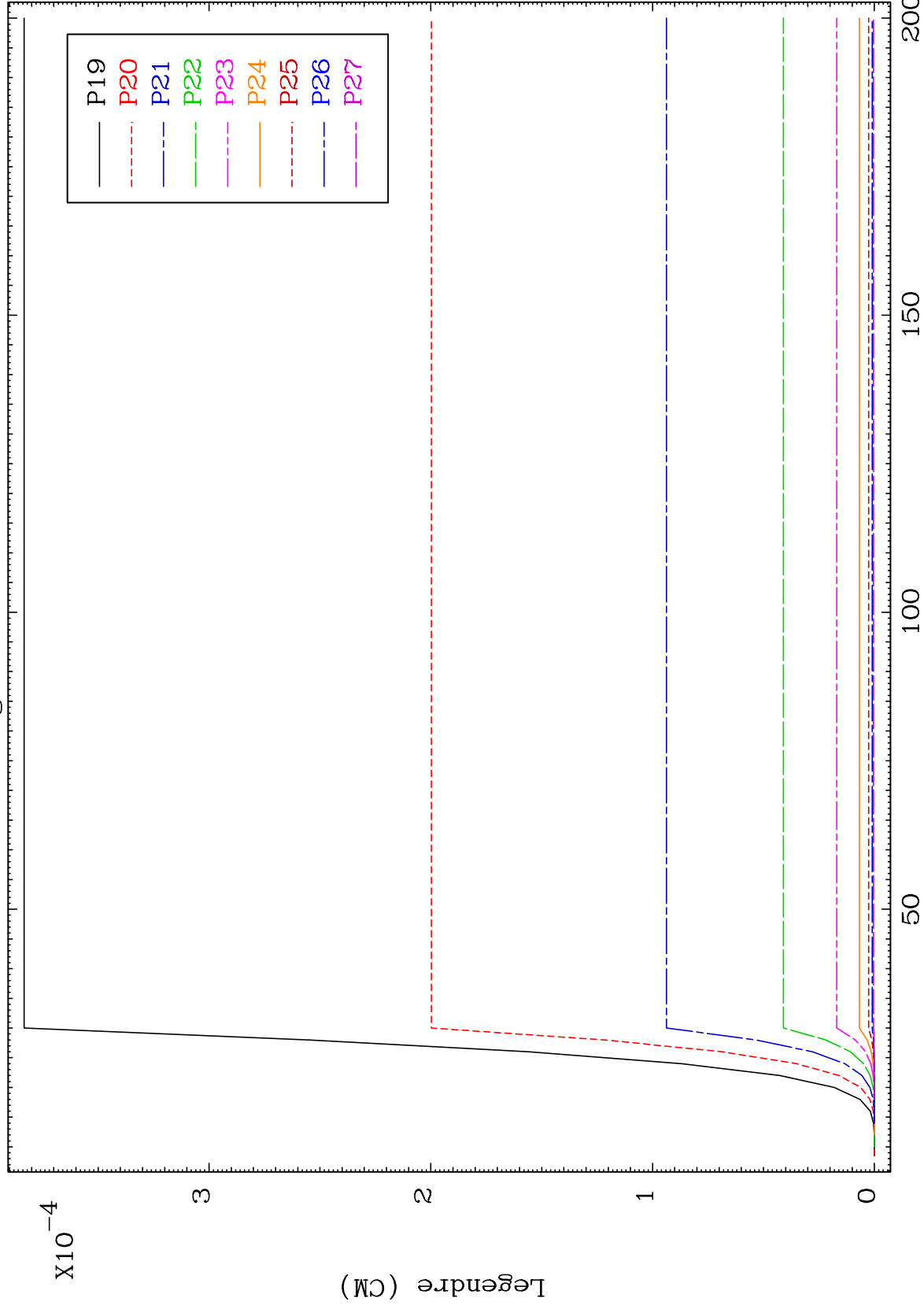
Incident Energy (MeV)

55

MAT 3501

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

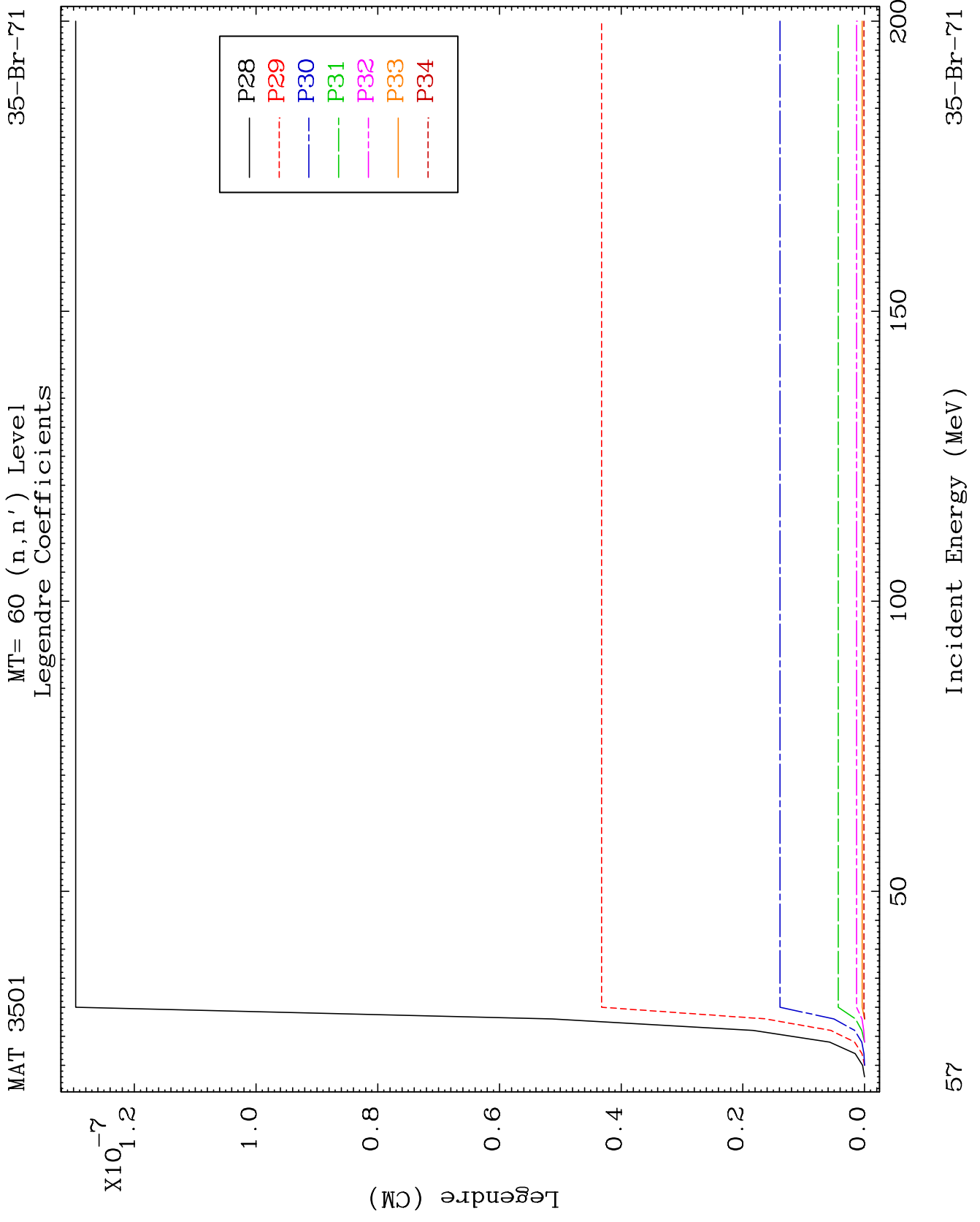
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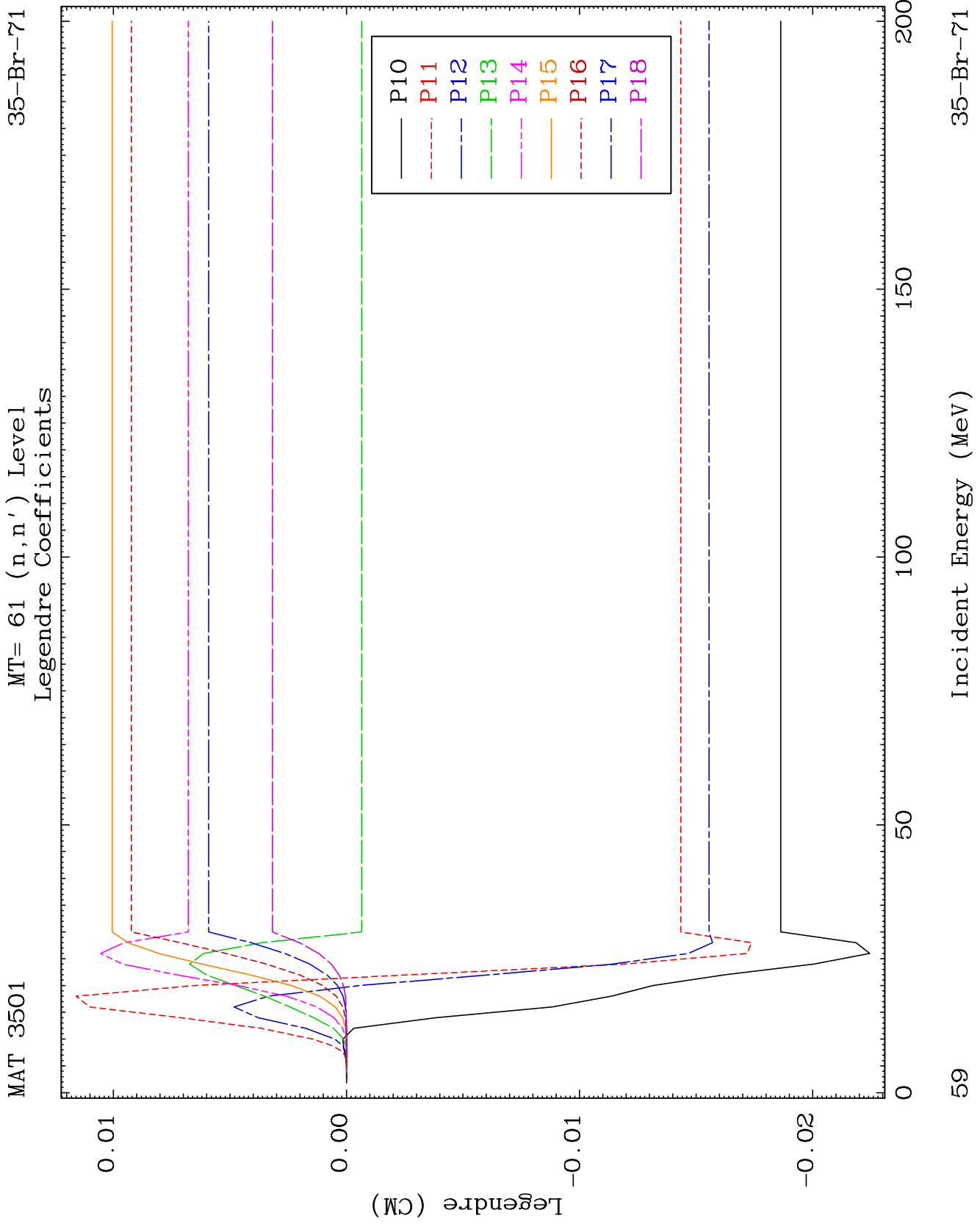


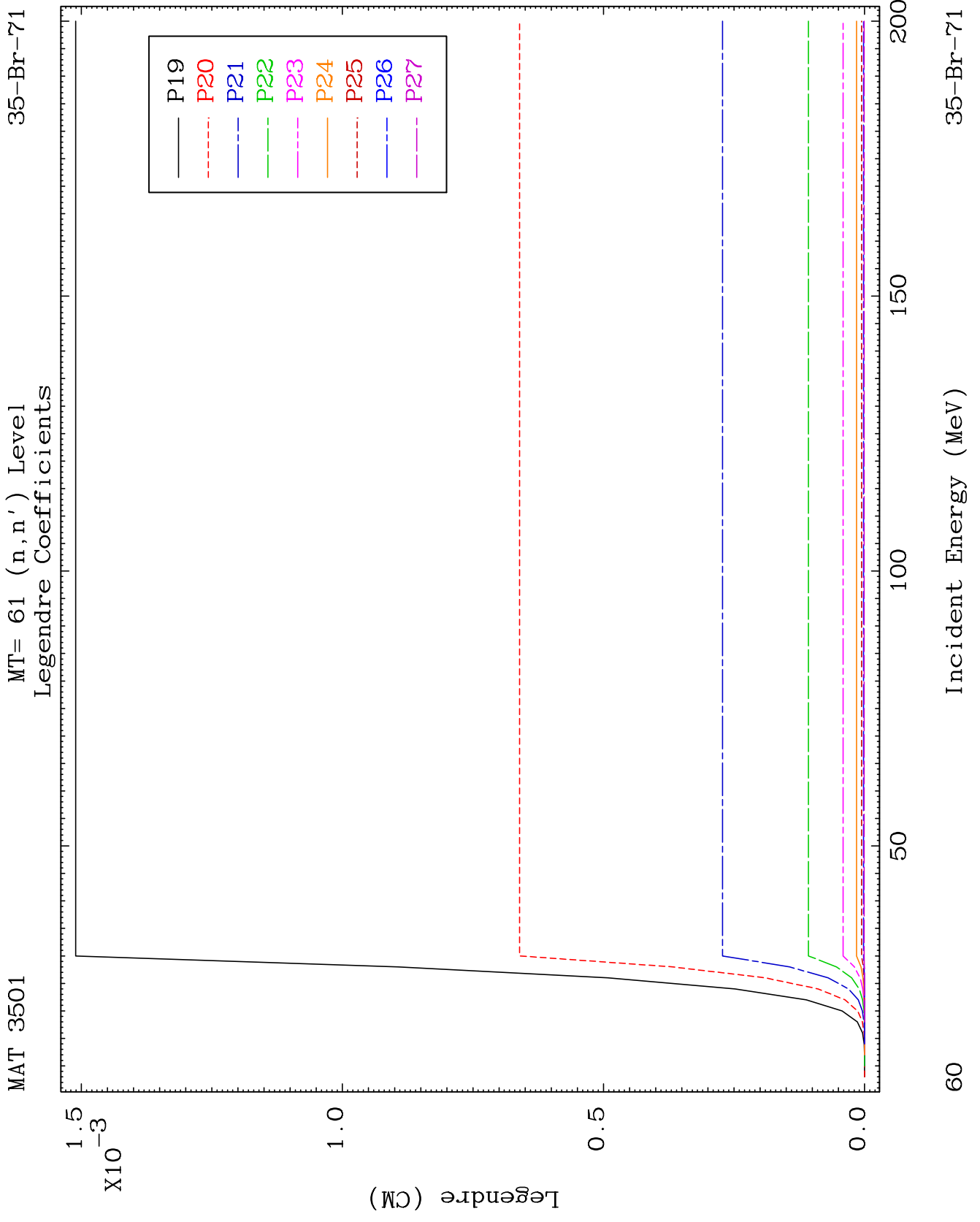
56

Incident Energy (MeV)

35-Br-71



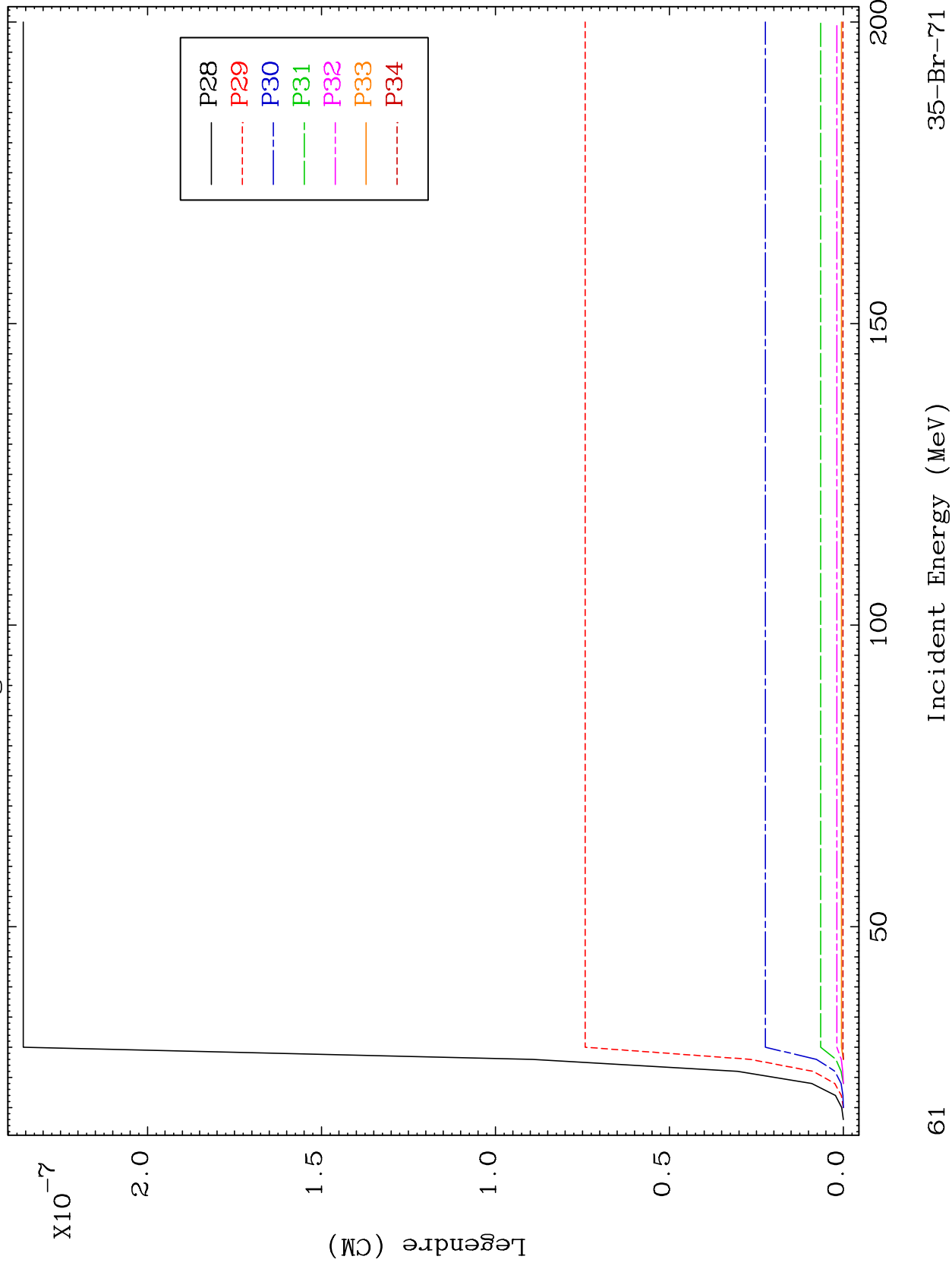




MAT 3501

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

35-Br-71



61

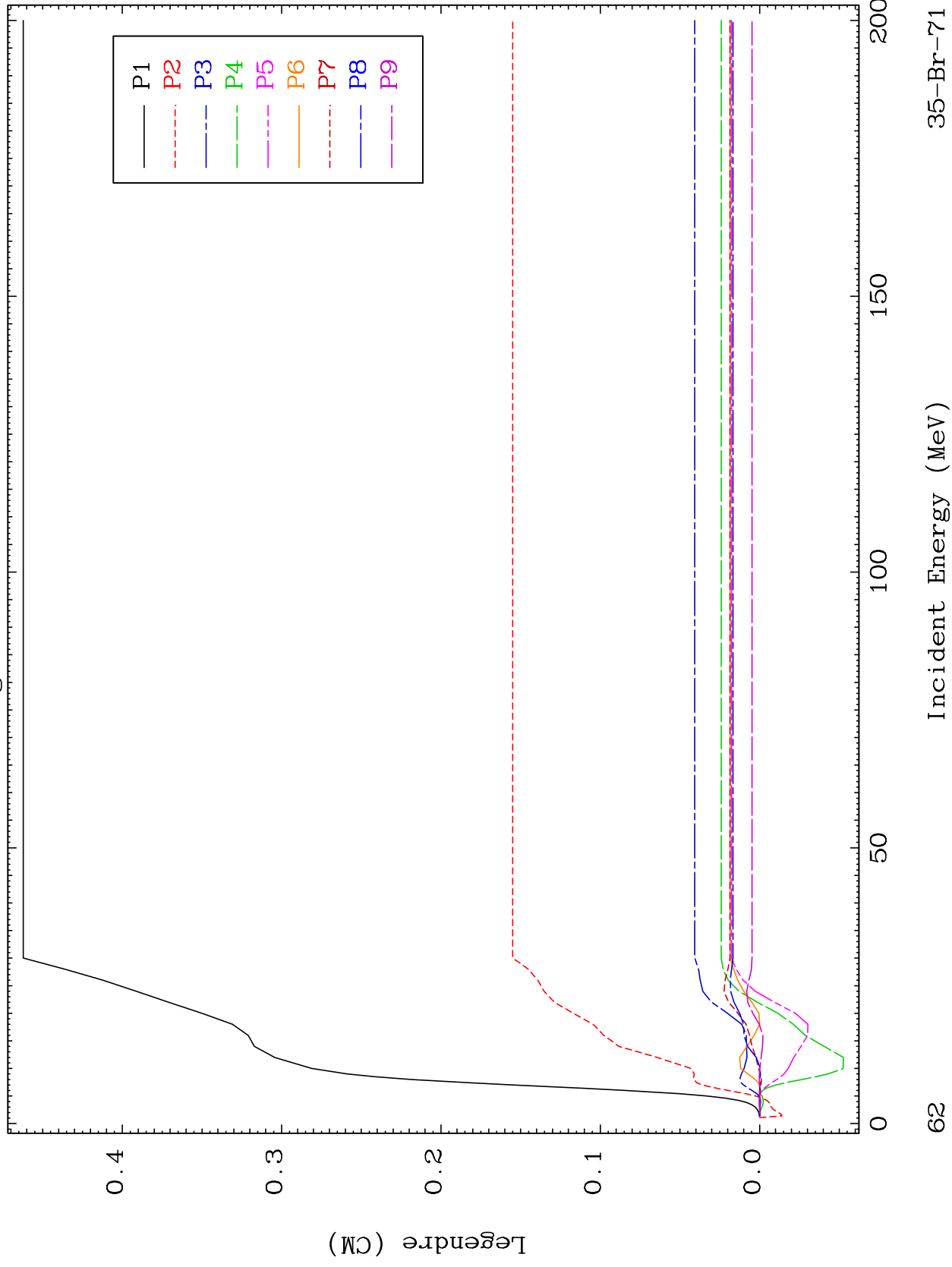
Incident Energy (MeV)

35-Br-71

MAT 3501

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

35-Br-71



35-Br-71

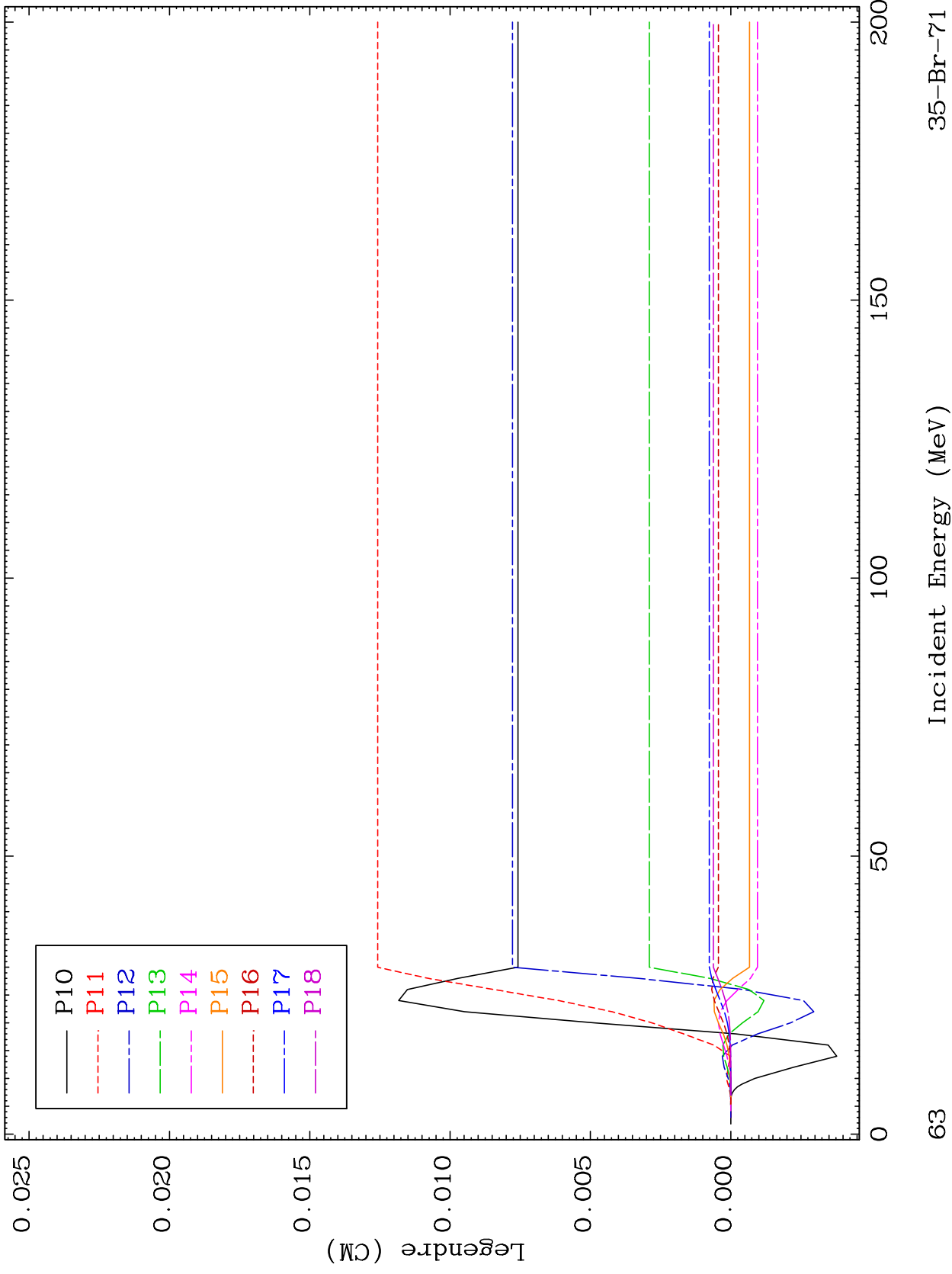
Incident Energy (MeV)

62

MAT 3501

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

35-Br-71



63

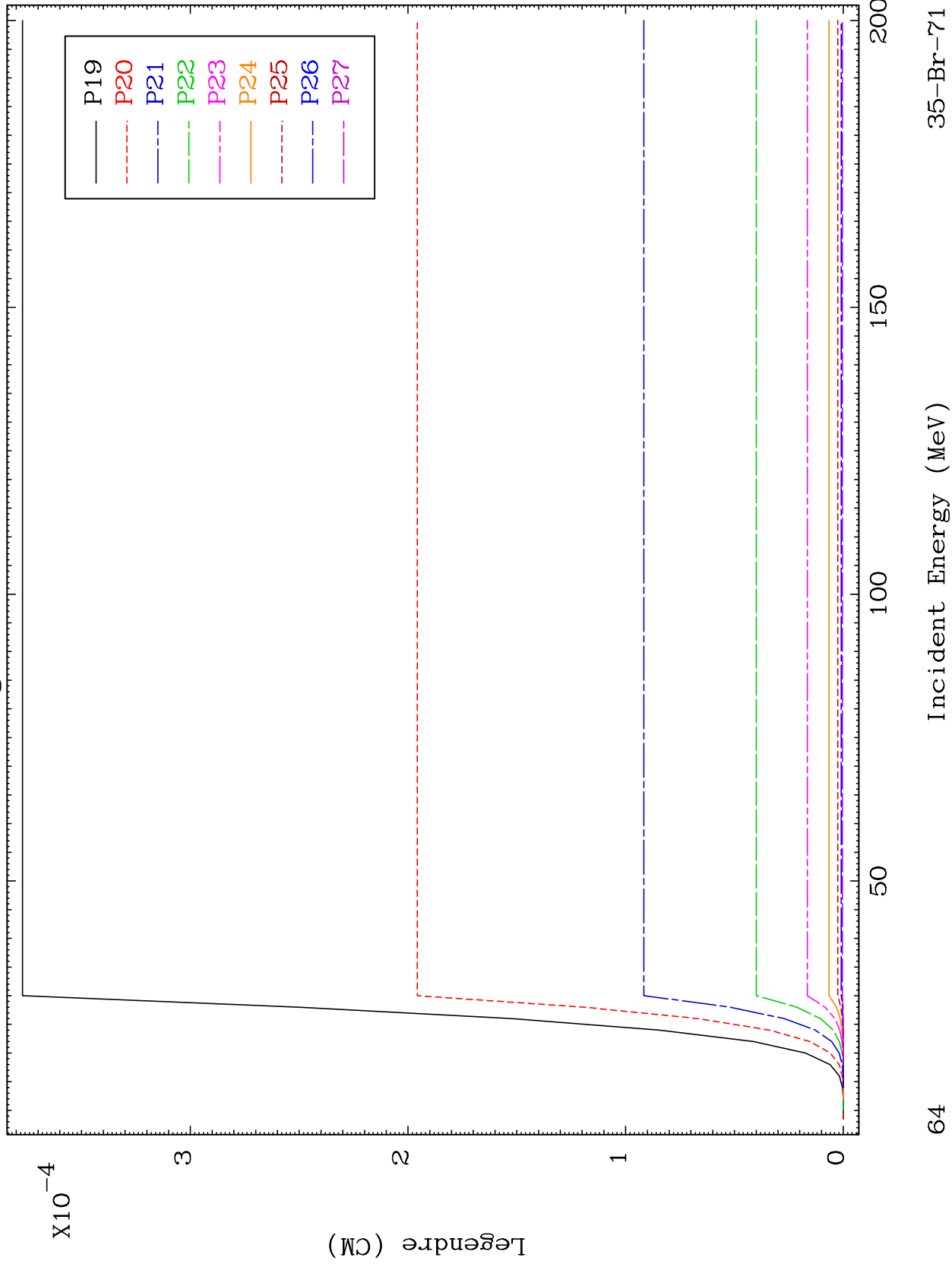
Incident Energy (MeV)

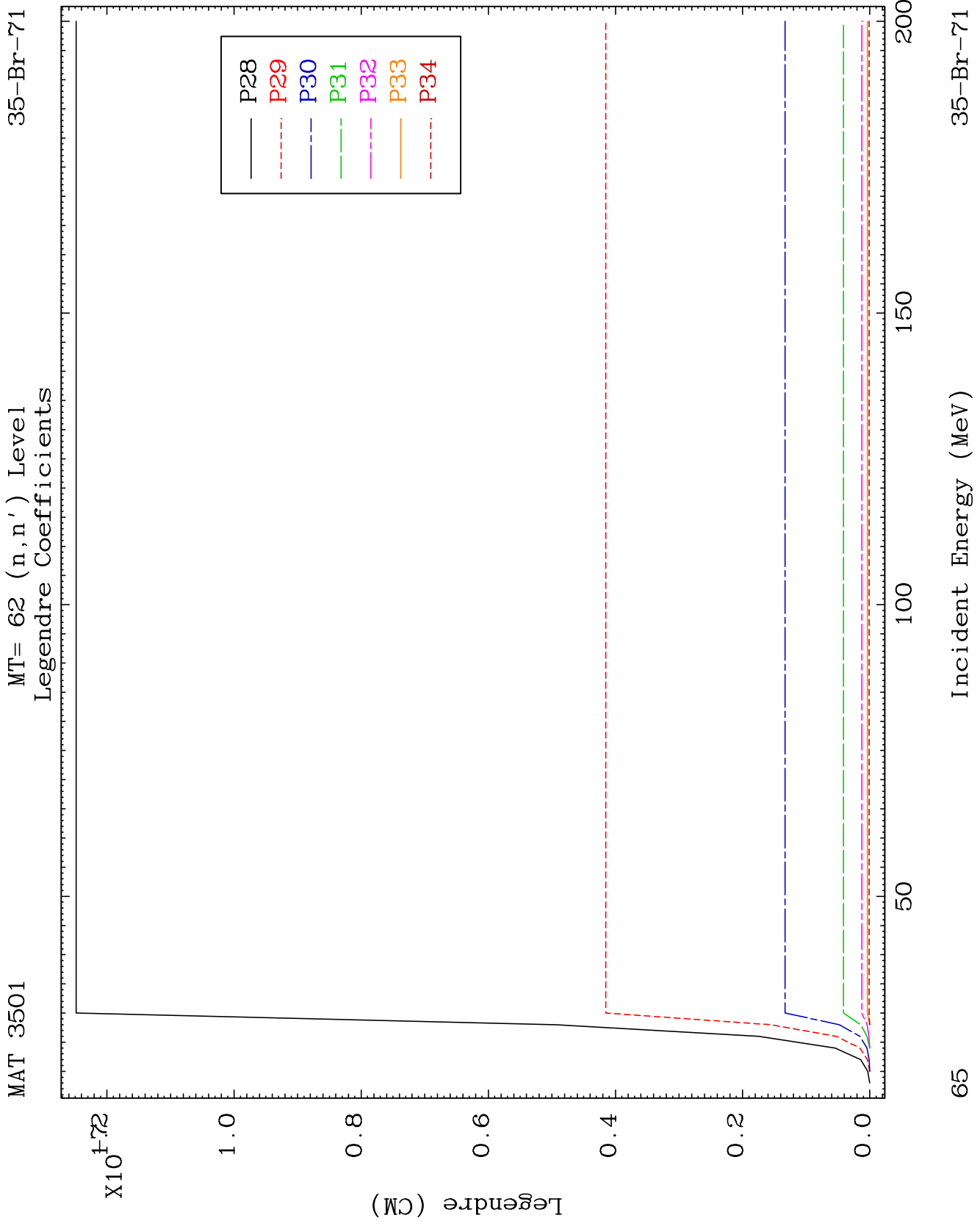
35-Br-71

MAT 3501

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

35-Br-71

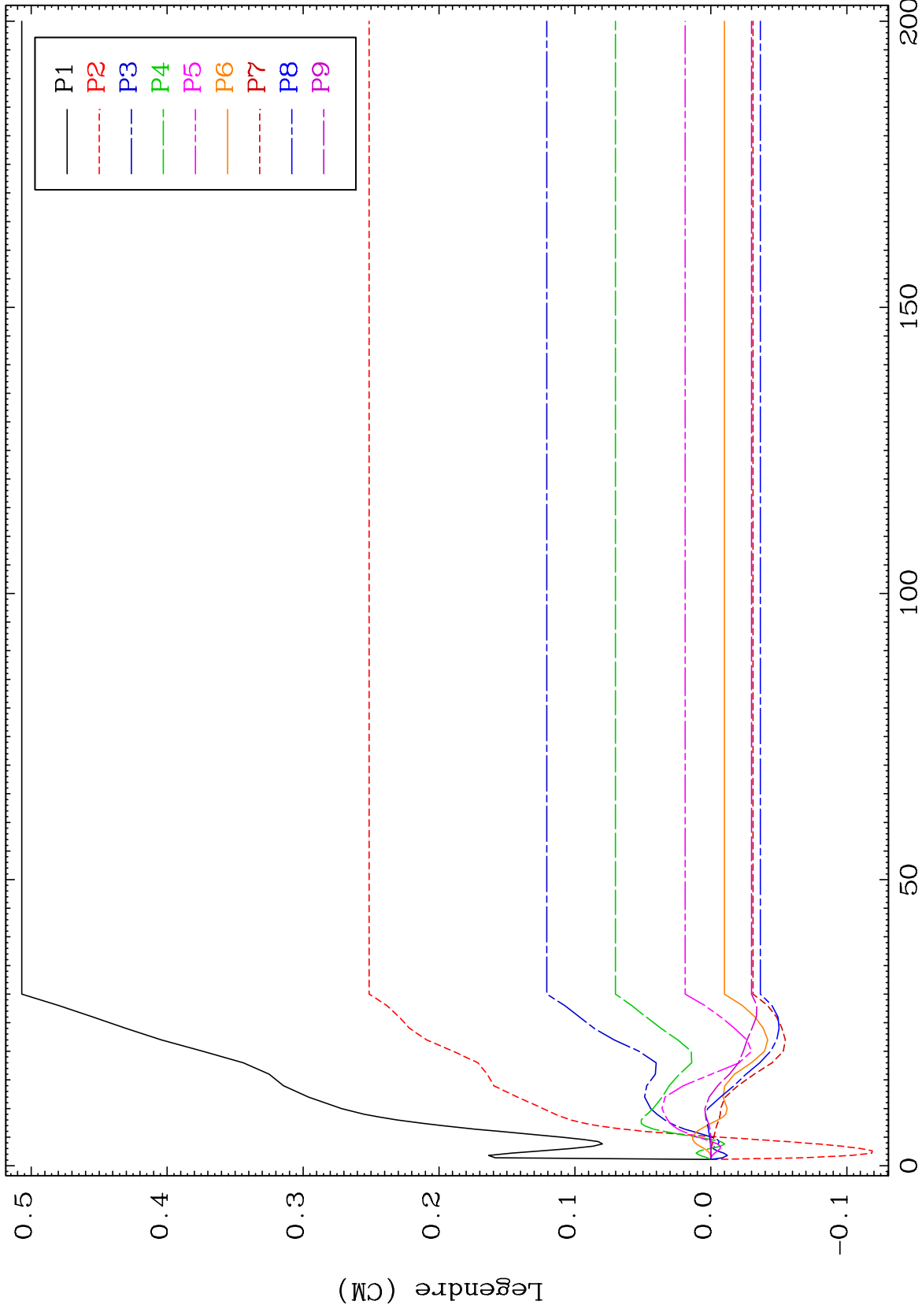




MAT 3501

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

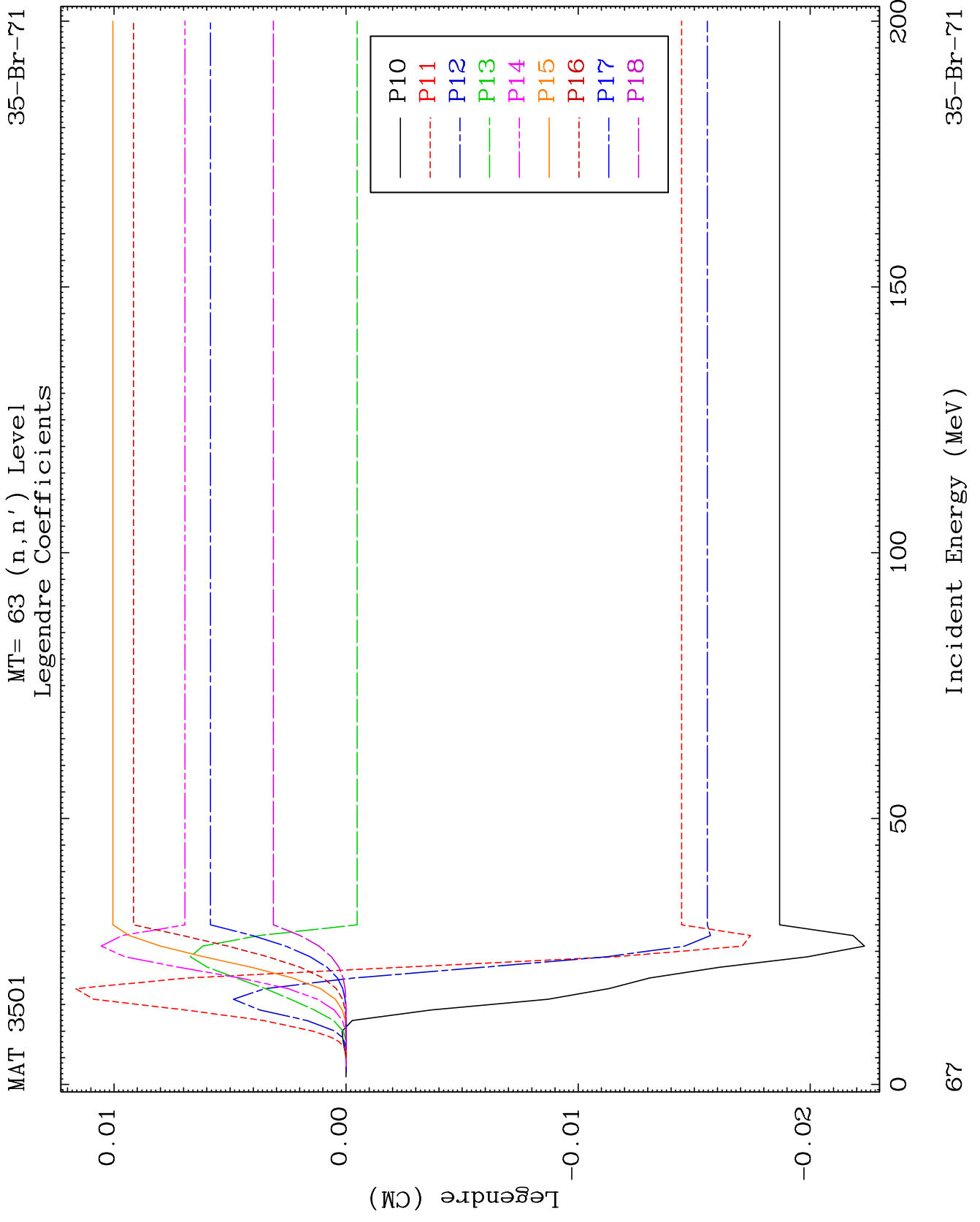
35-Br-71



66

Incident Energy (MeV)

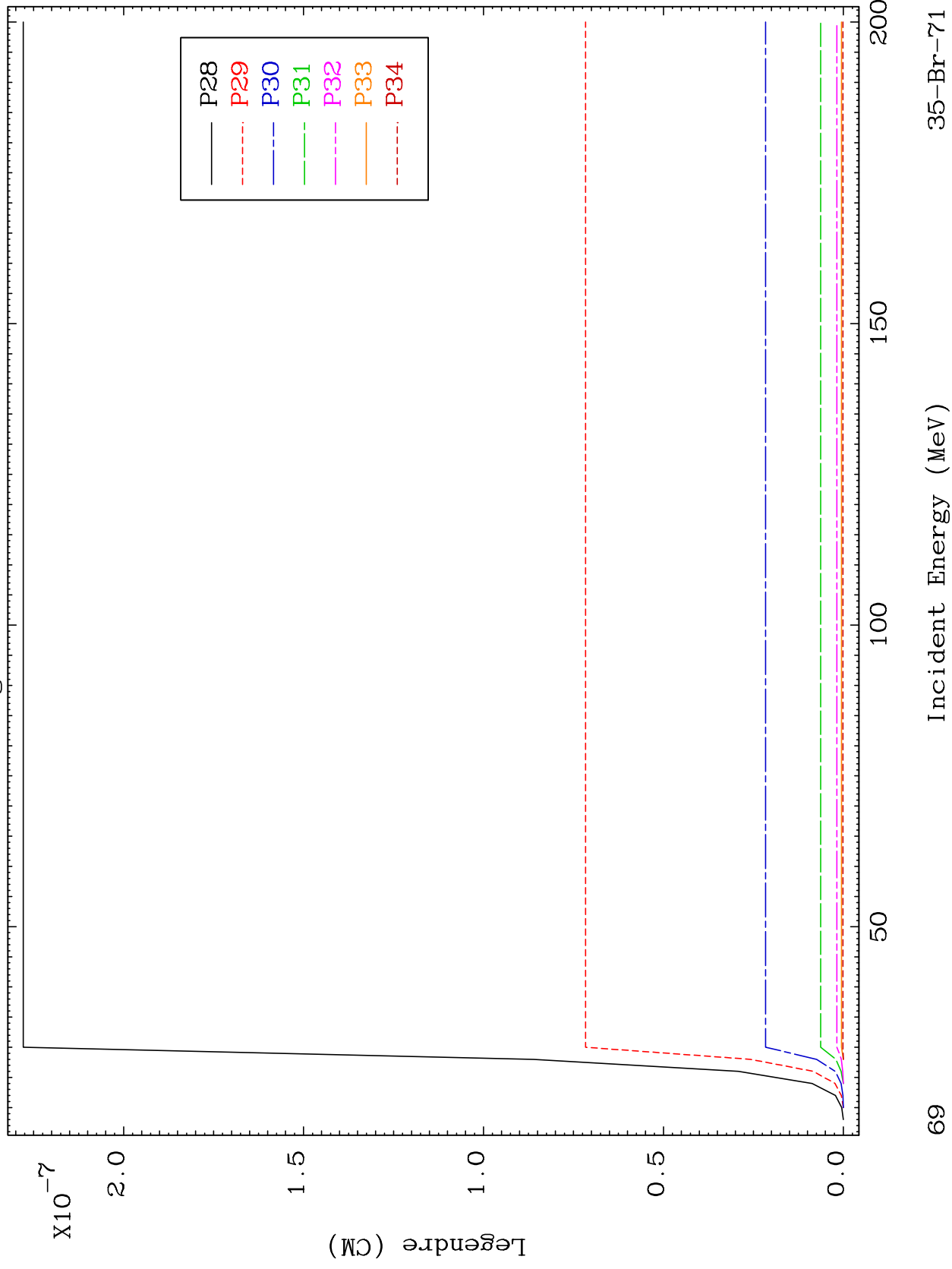
35-Br-71



MAT 3501

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

35-Br-71



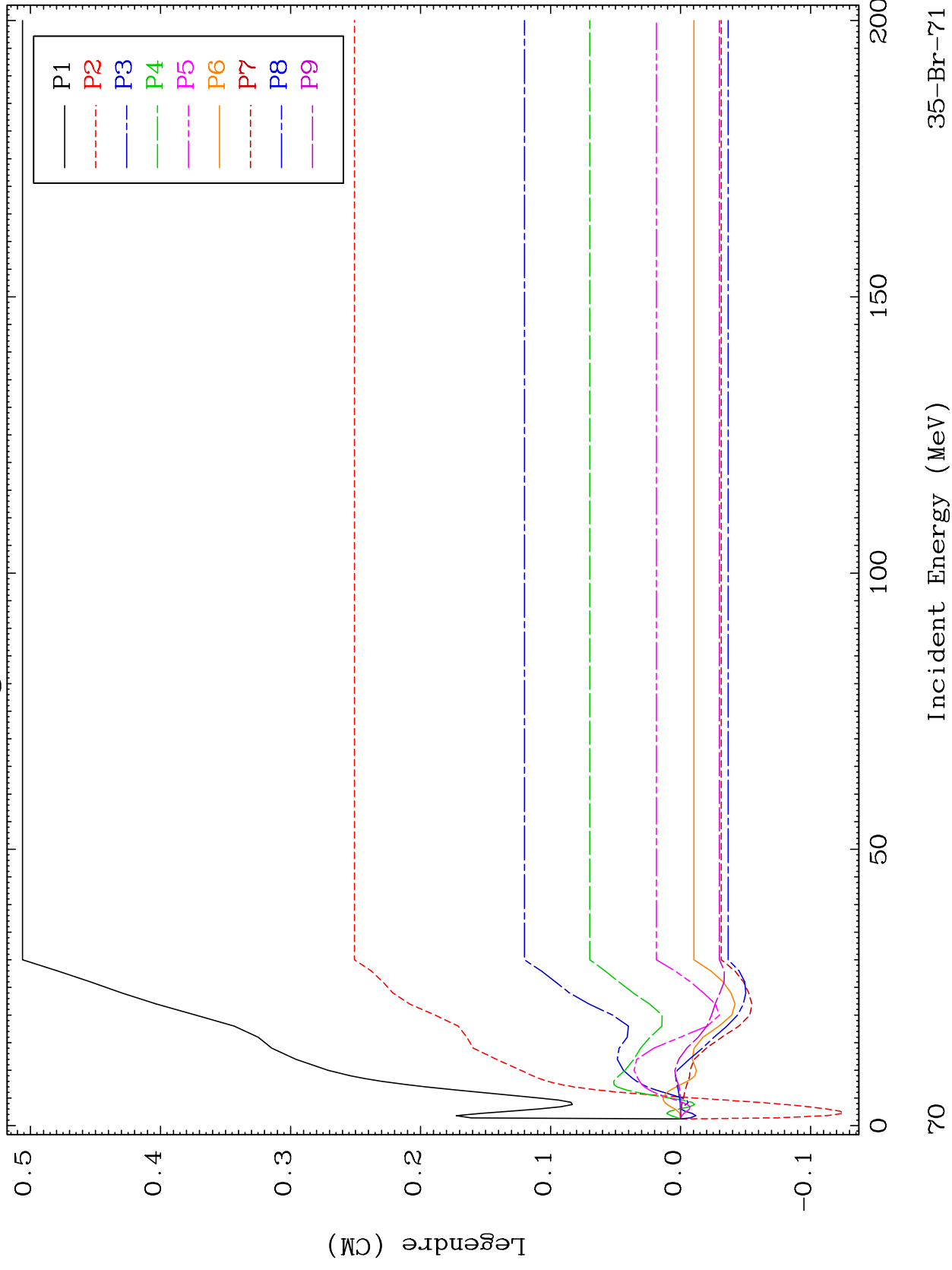
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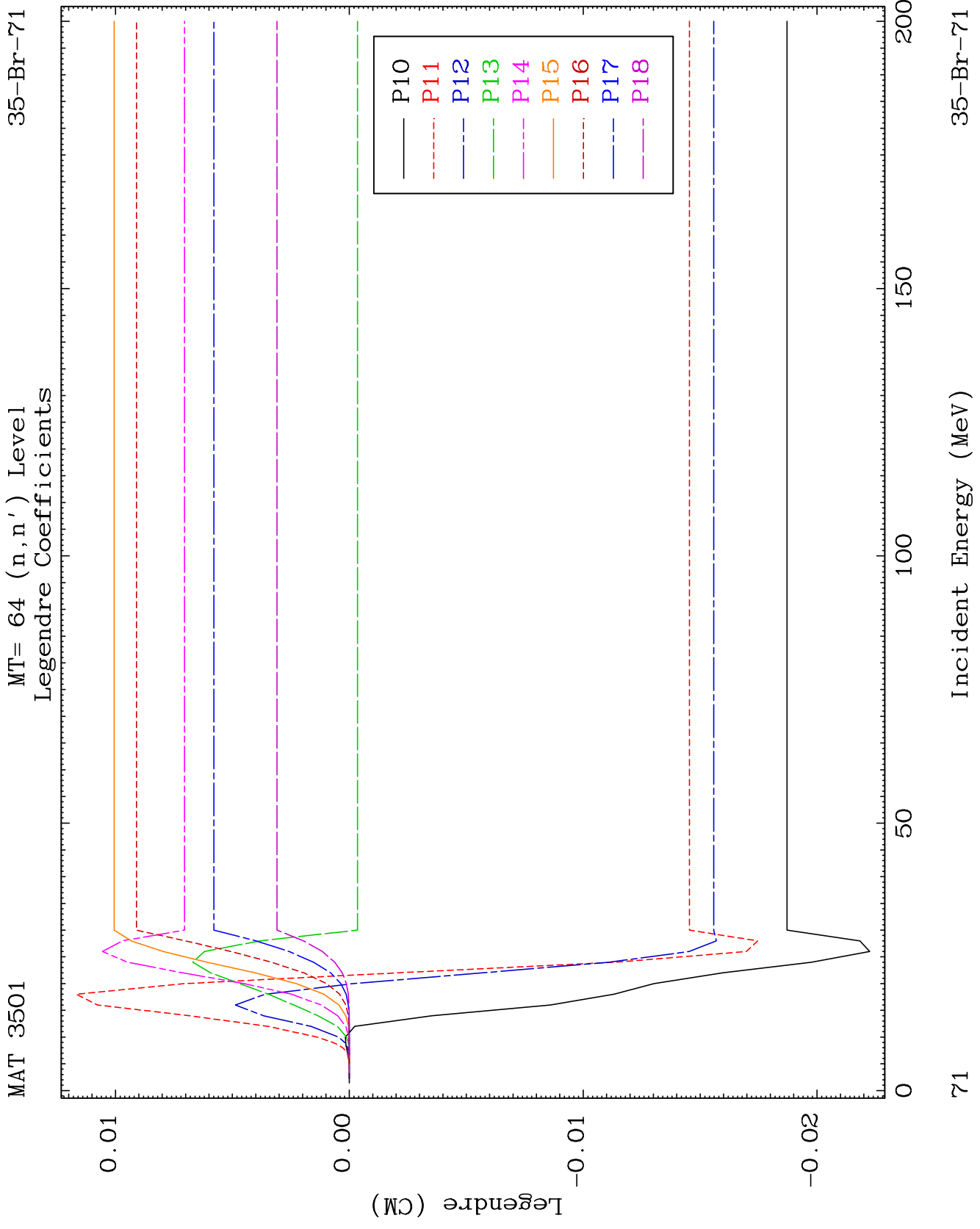
35-Br-71

MAT 3501

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

35-Br-71

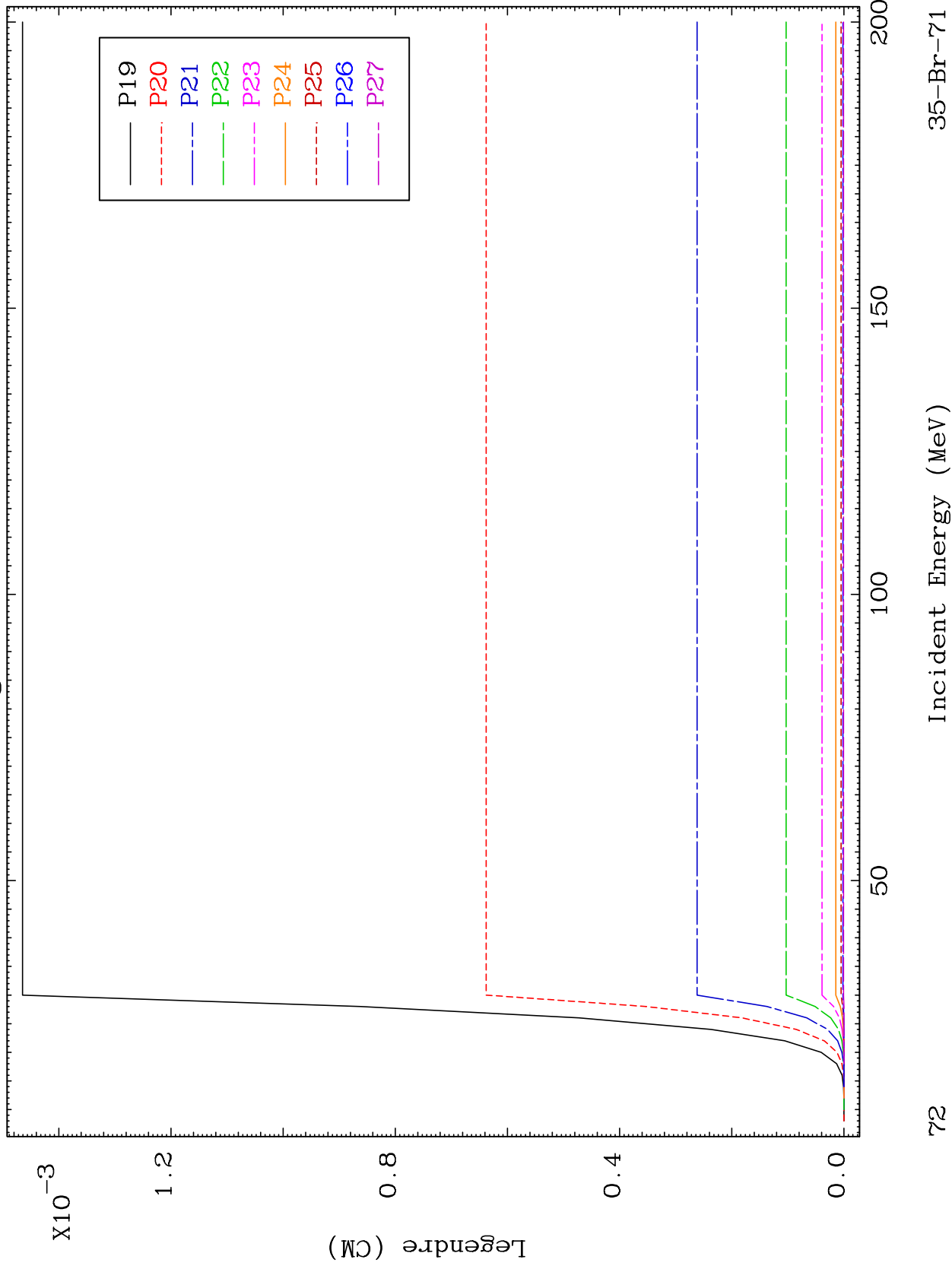




MAT 3501

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

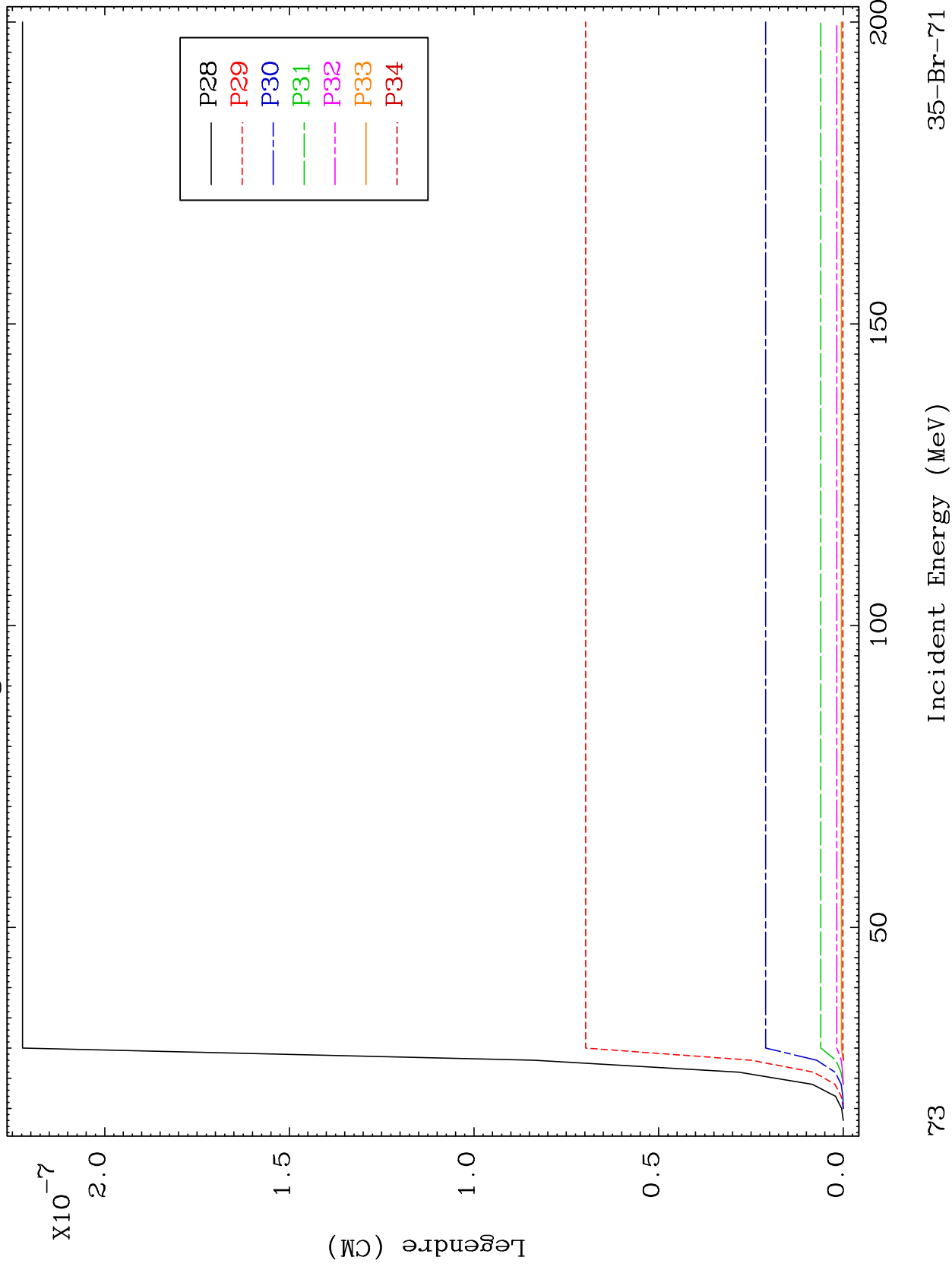
35-Br-71



MAT 3501

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

35-Br-71

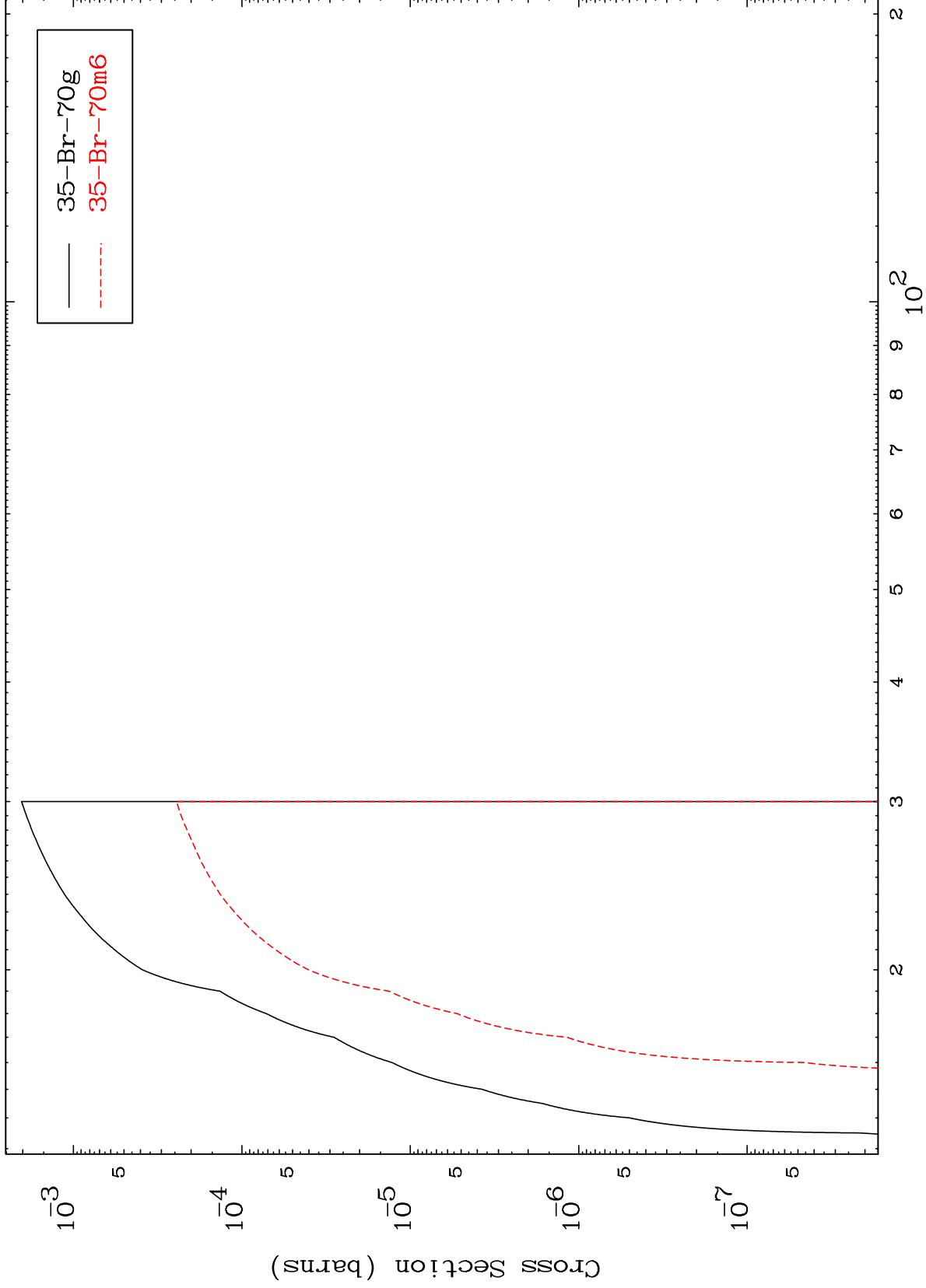


MAT 3501

(n,2n)

³⁵Br-71

Radionuclide Production Cross Section



74

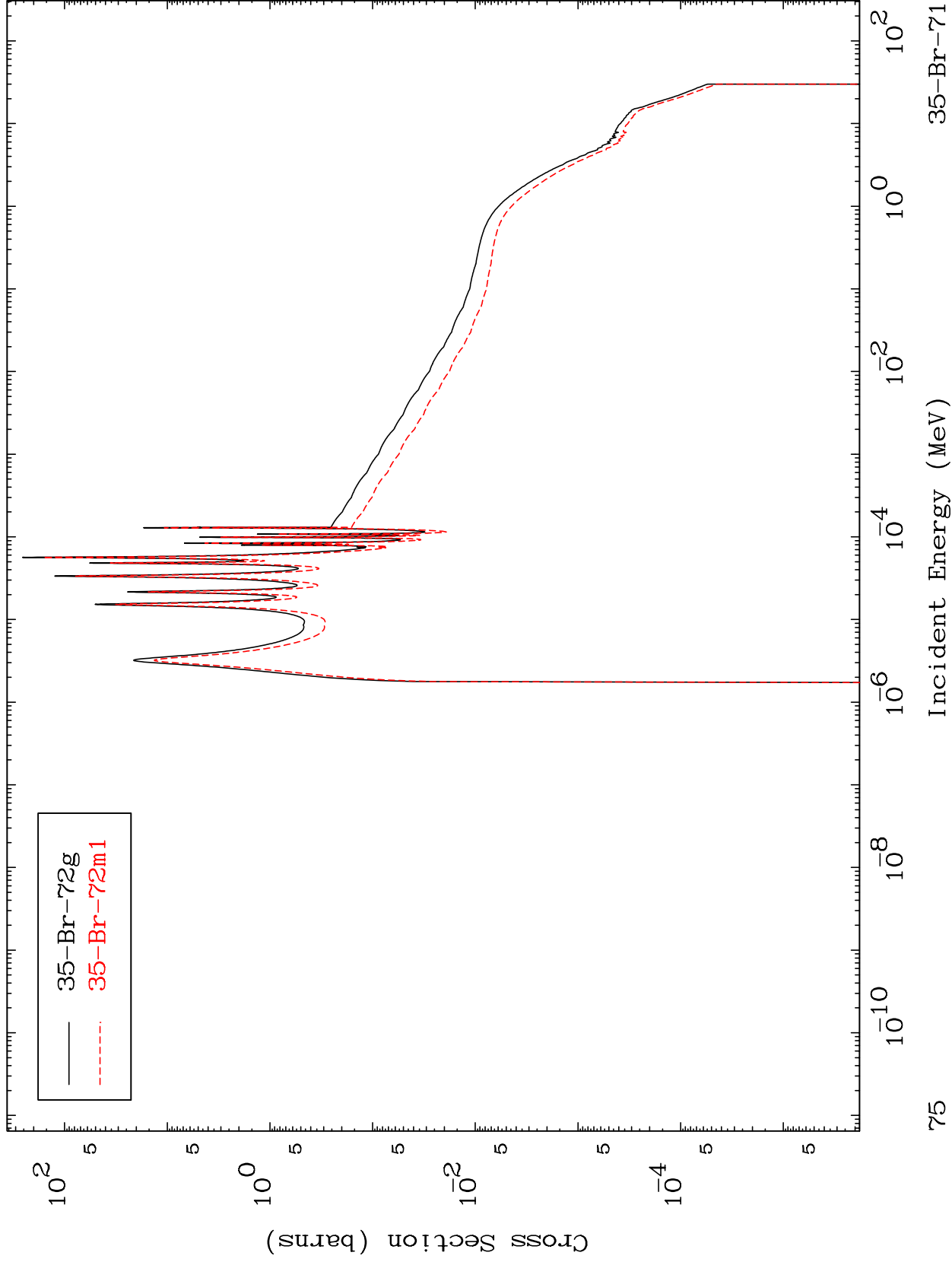
Incident Energy (MeV)

³⁵Br-71

MAT 3501

³⁵Br-71

(n,γ)
Radionuclide Production Cross Section



75