

Program EVALPLOT
(Version 2021-1)

by

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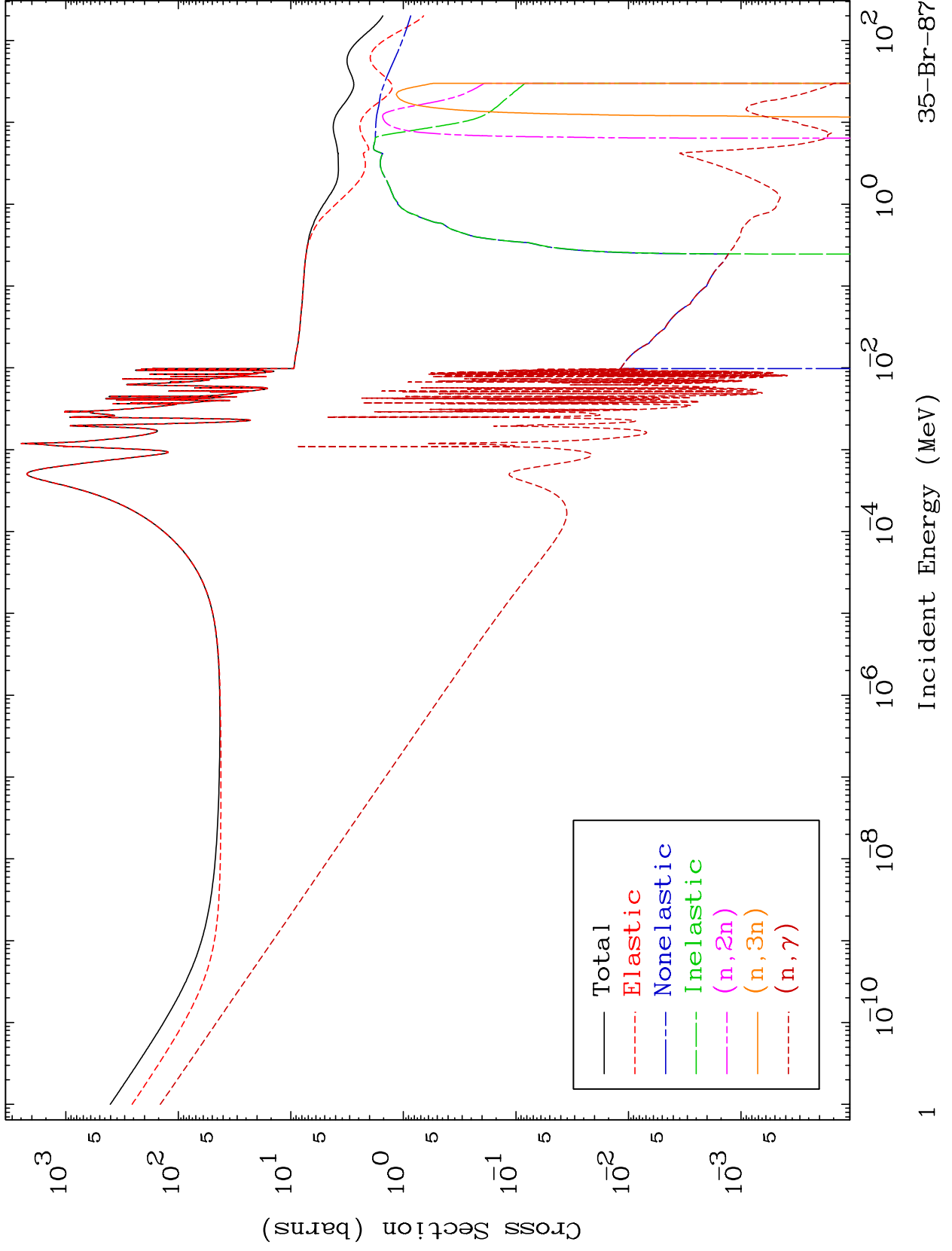
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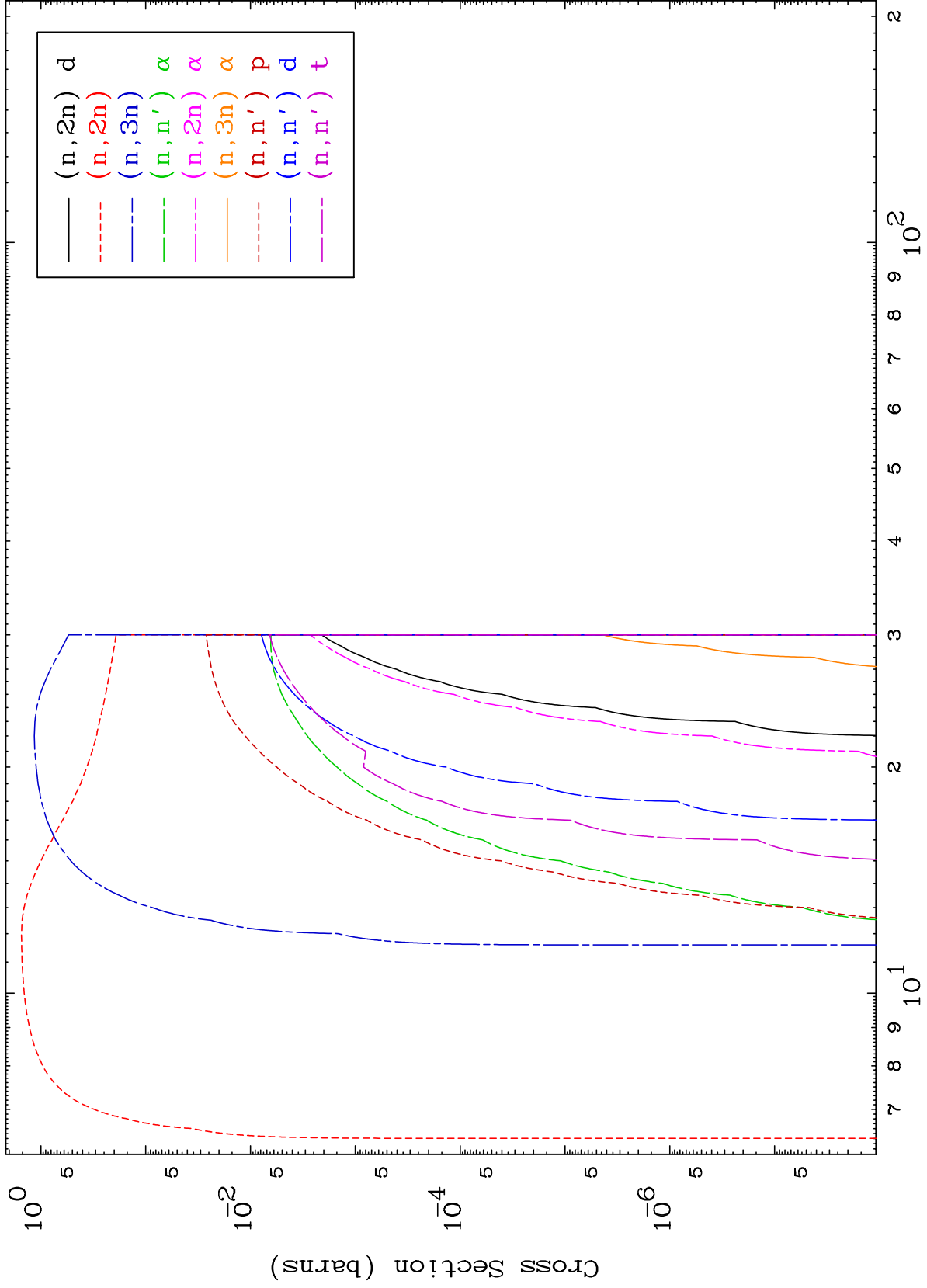
Press Mouse Button to Start

MAT 3549

Neutron Major
293 Kelvin Cross Sections

35-Br-87

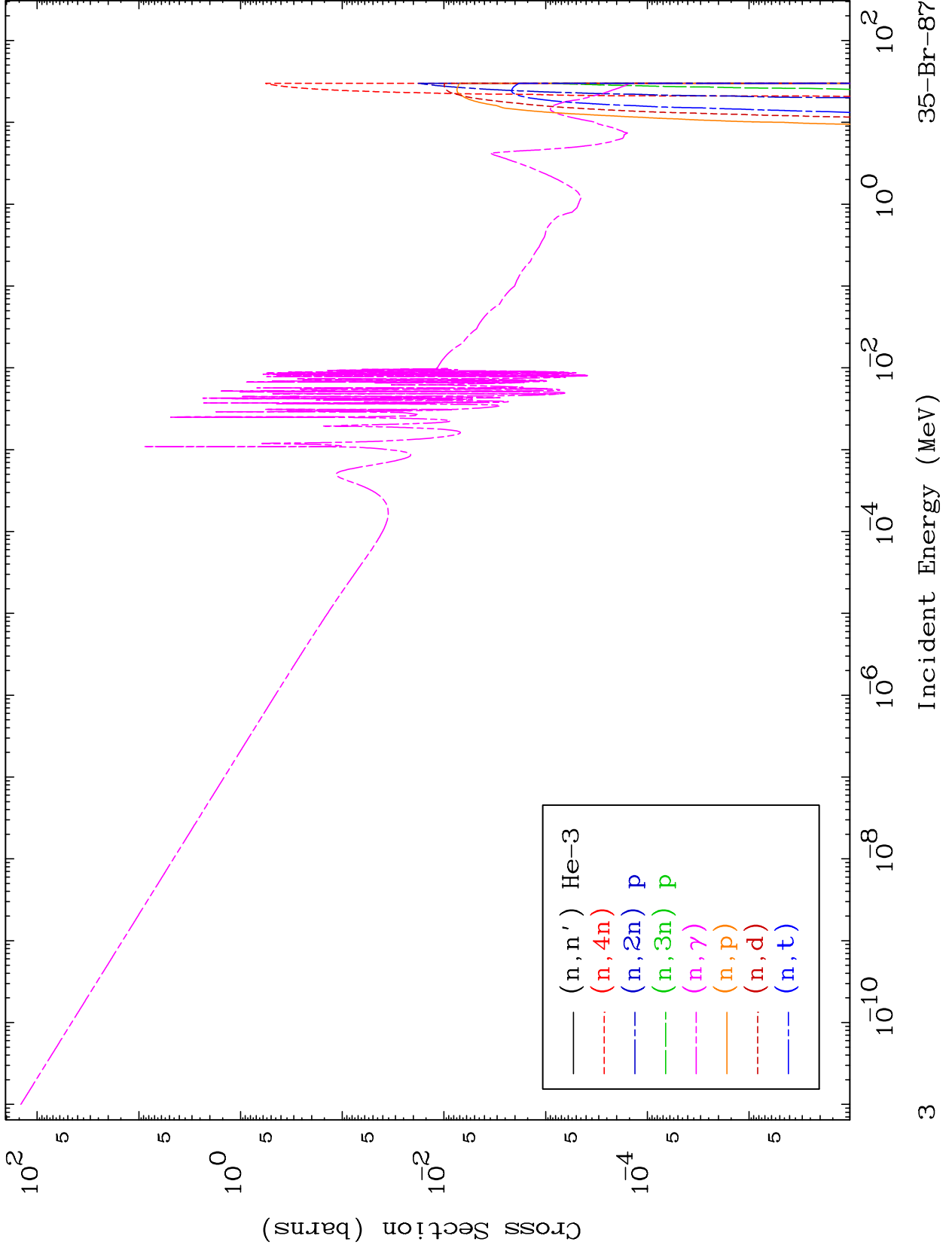


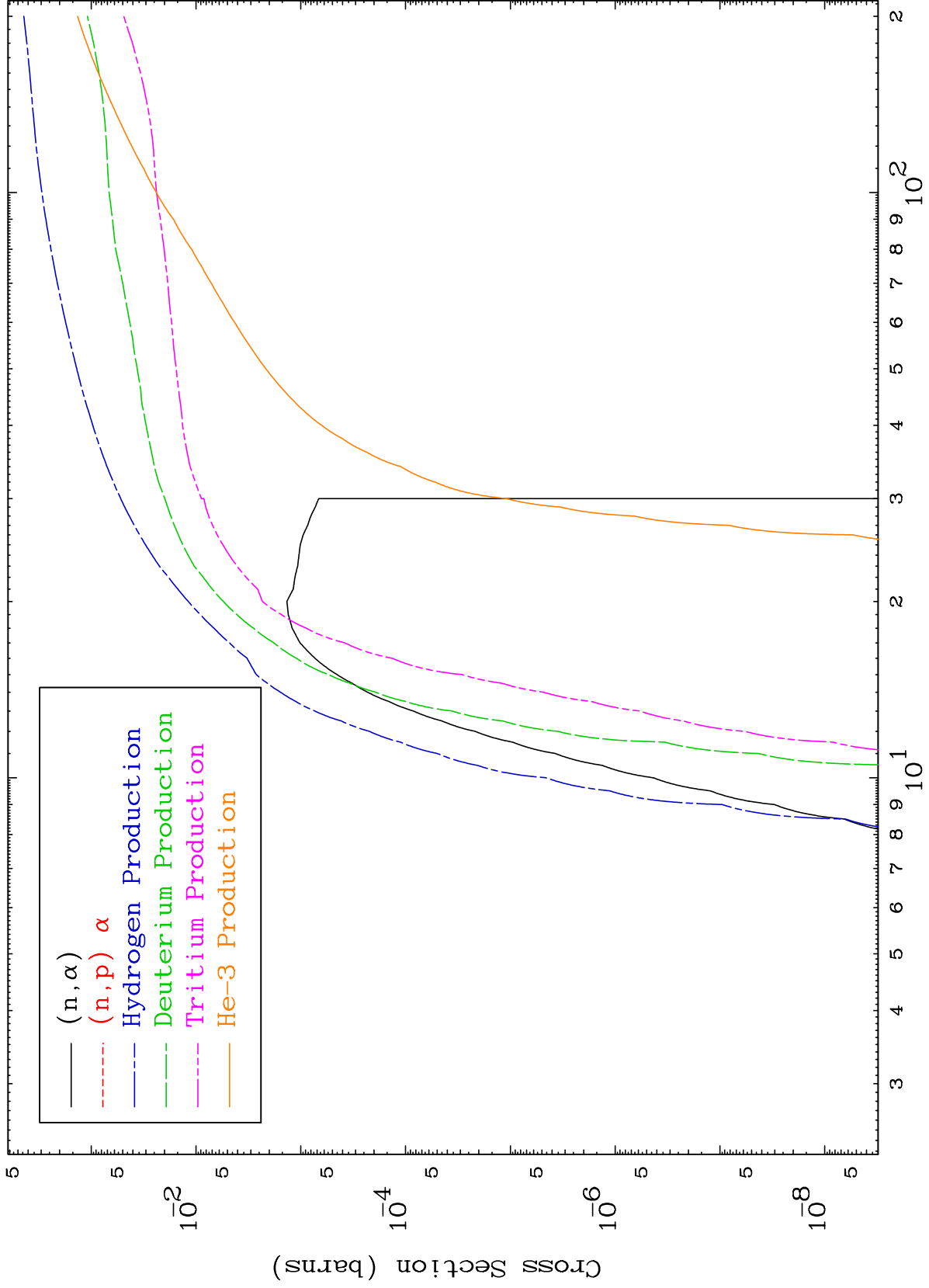


MAT 3549

Neutron Absorption
293 Kelvin Cross Sections

35-Br-87

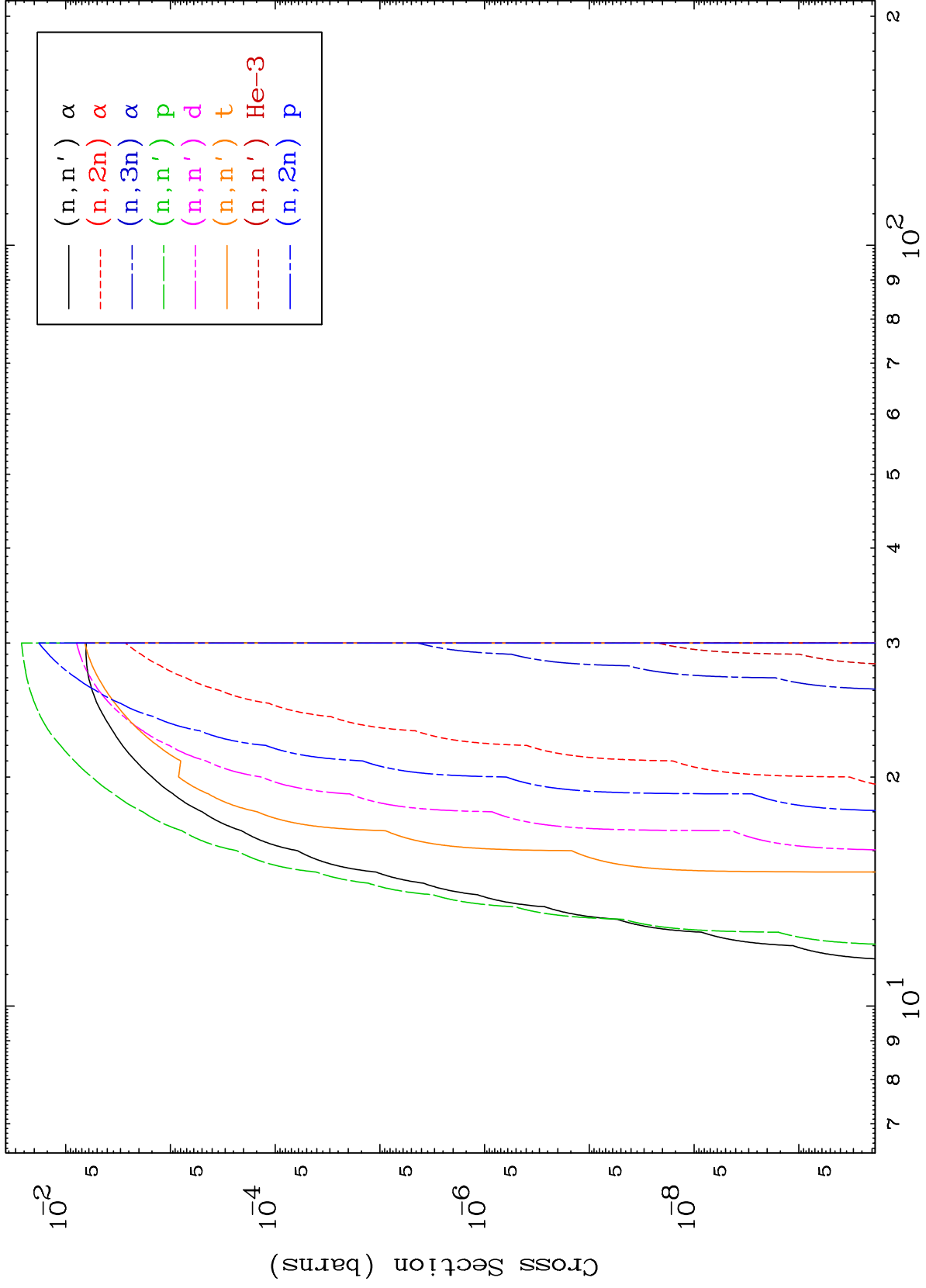




MAT 3549

Charged Particle
293 Kelvin Cross Sections

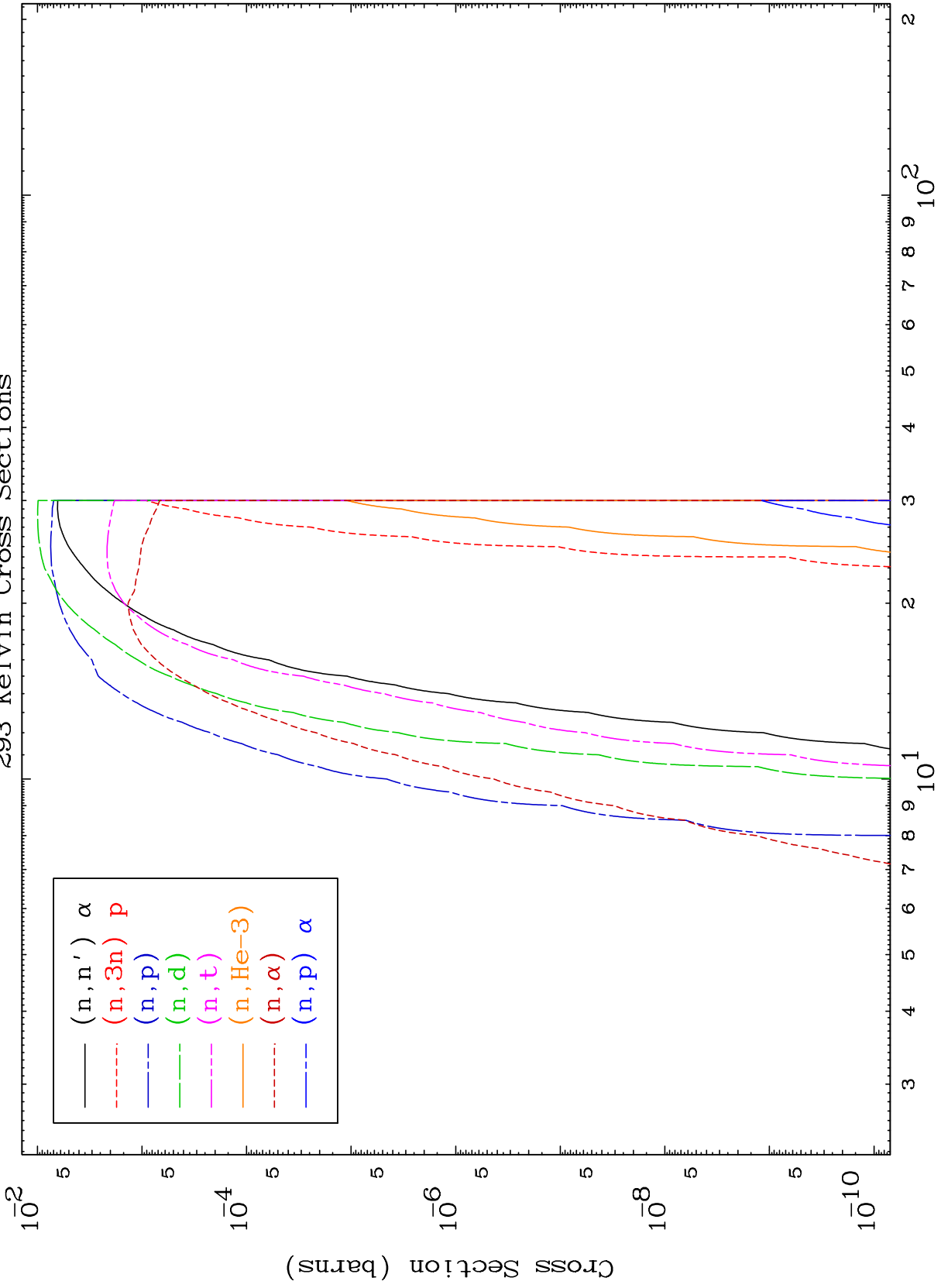
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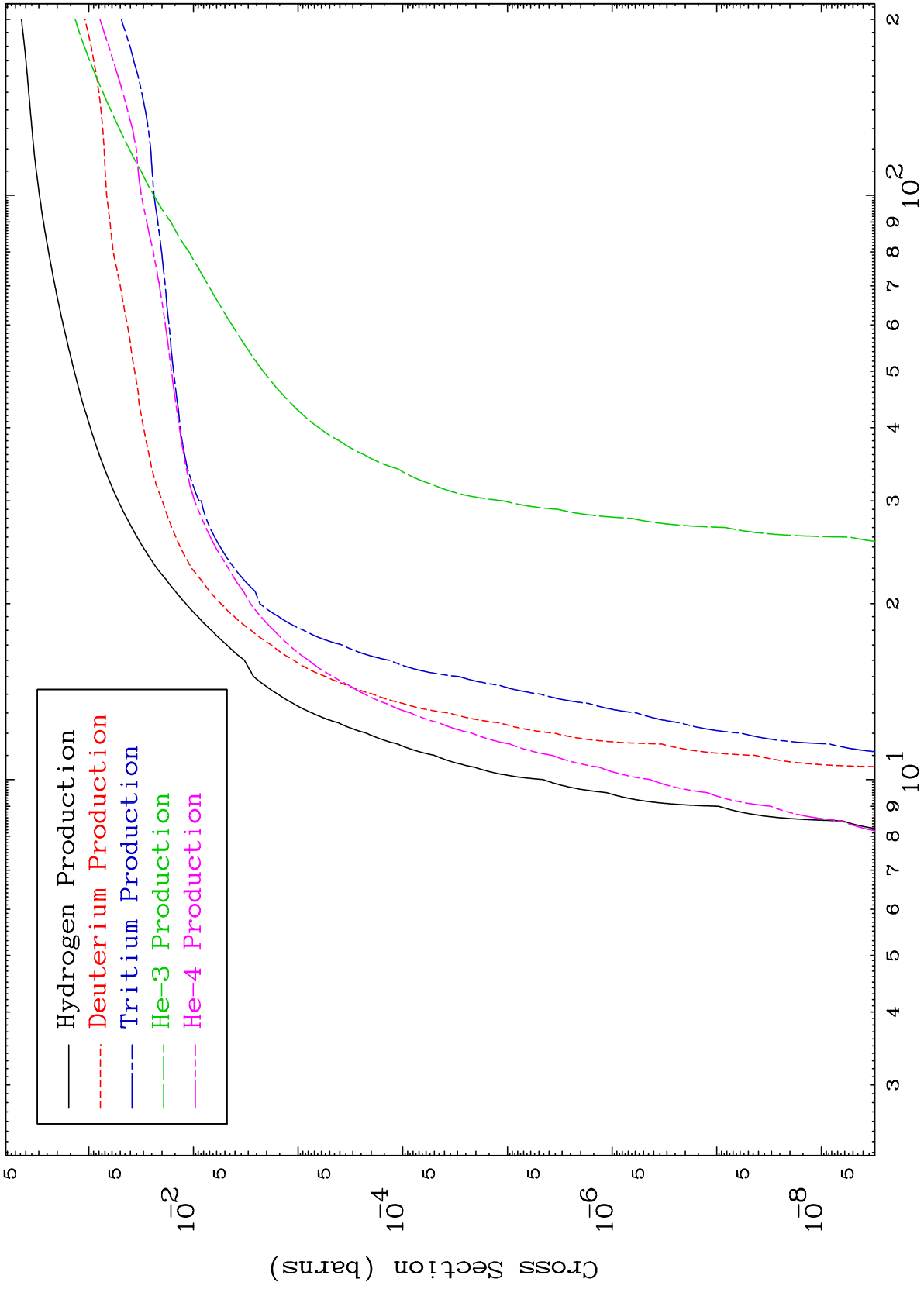


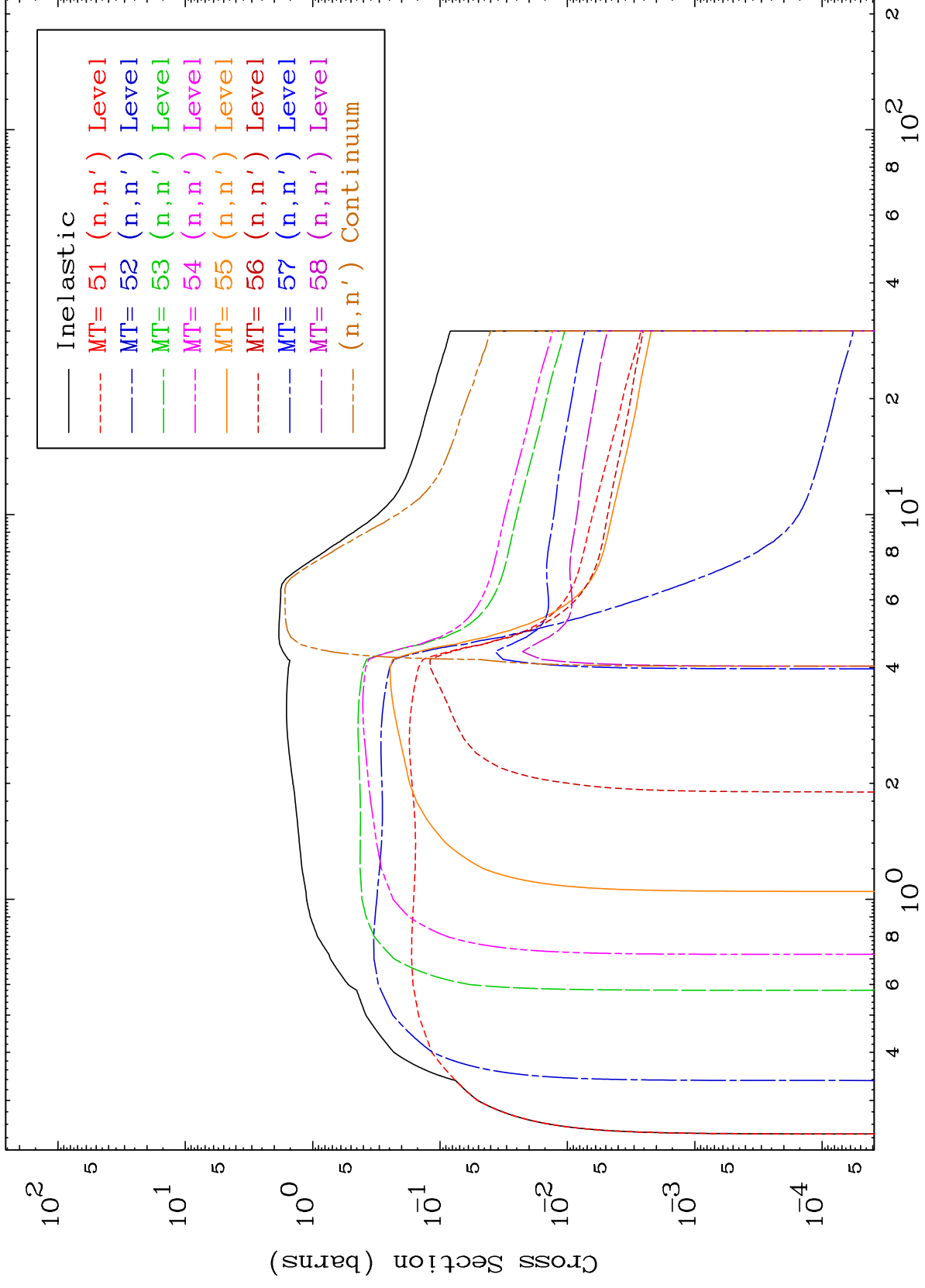
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Incident Energy (MeV)

35-Br-87



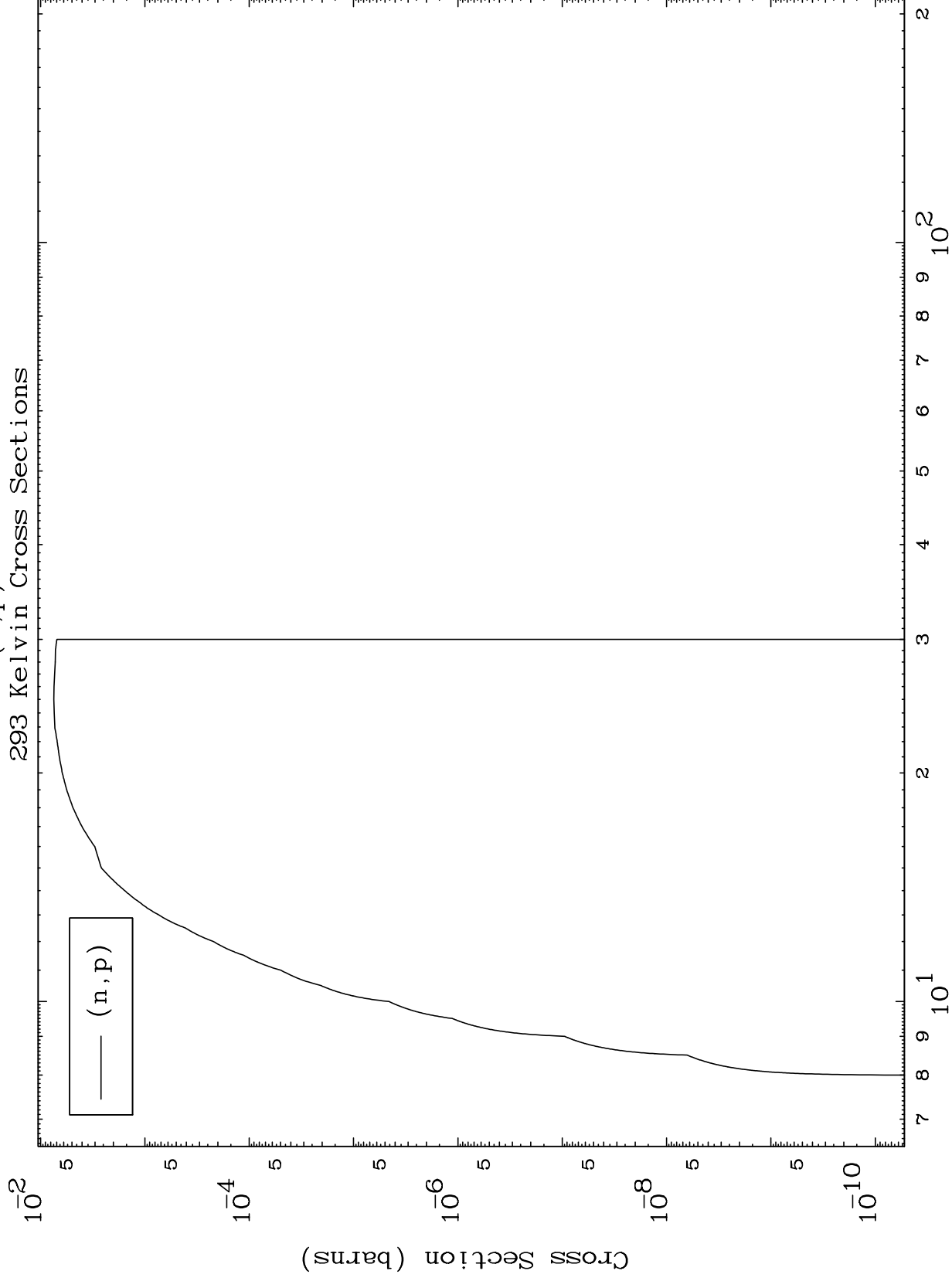




MAT 3549

(n,p) Levels
293 Kelvin Cross Sections

35-Br-87



9

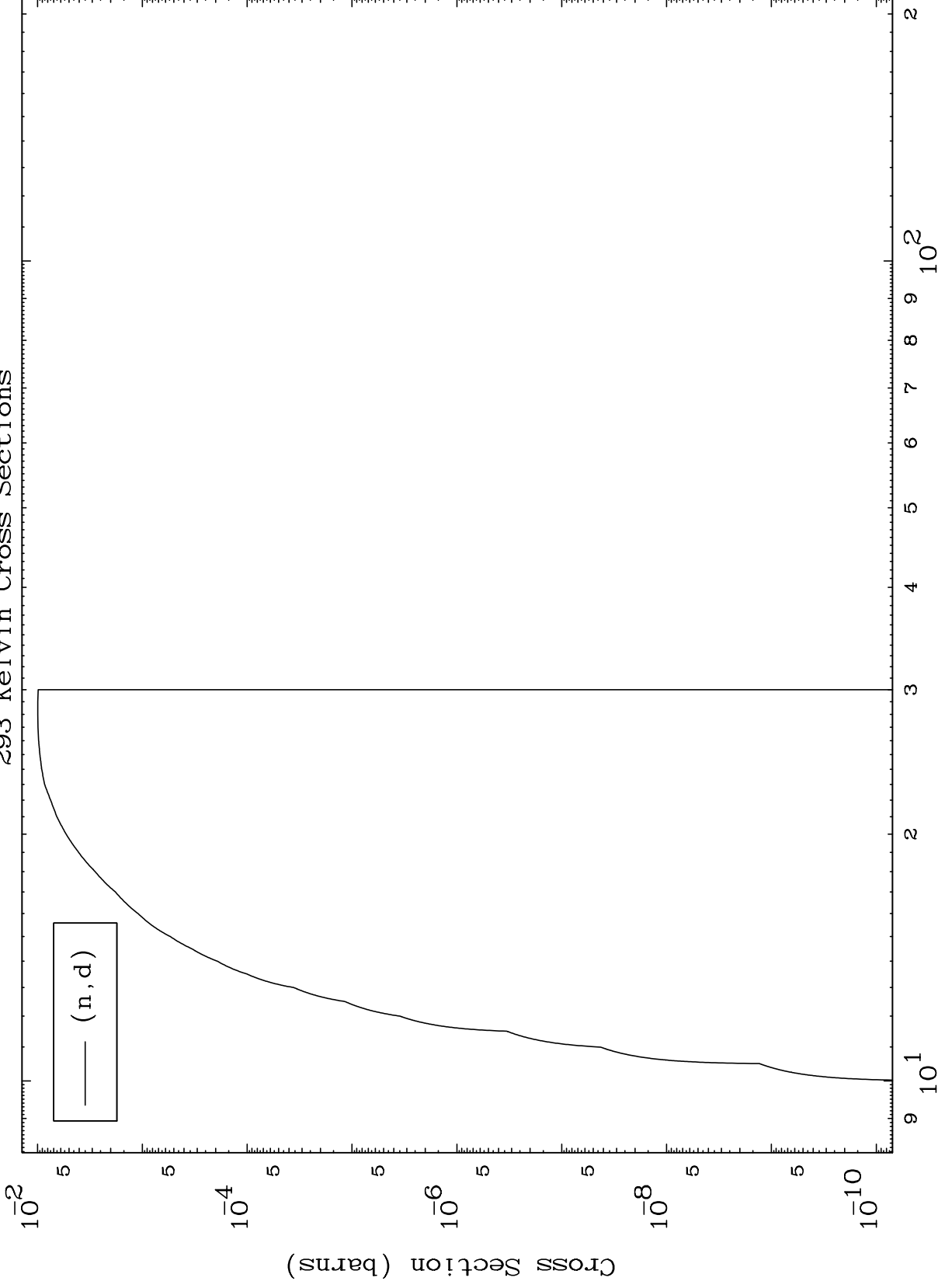
Incident Energy (MeV)

35-Br-87

MAT 3549

(n,d) Levels
293 Kelvin Cross Sections

35-Br-87



10

9

10¹

10²

3

2

1

0

1

2

3

4

5

6

7

8

9

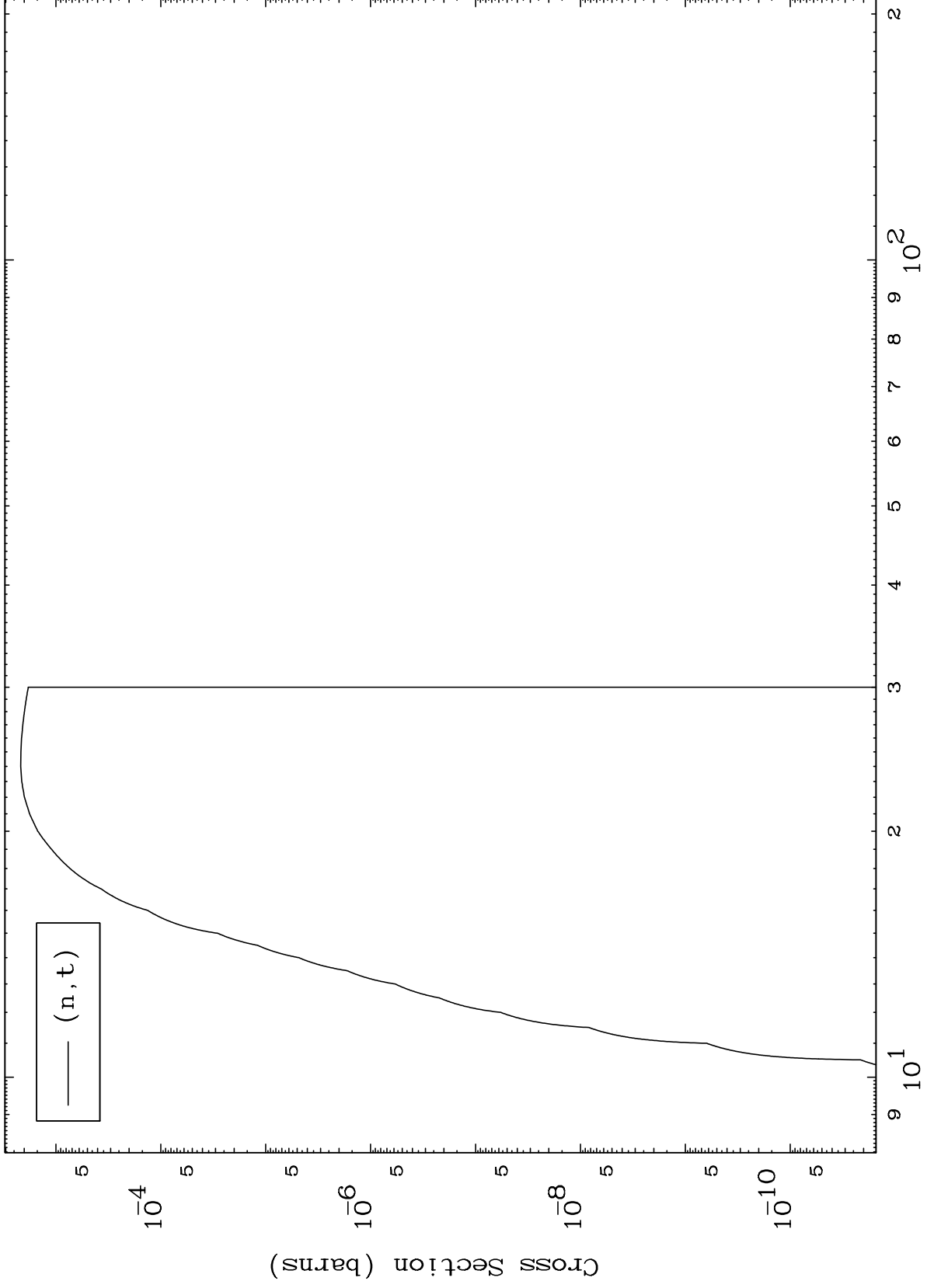
10²

35-Br-87

MAT 3549

(n,t) Levels
293 Kelvin Cross Sections

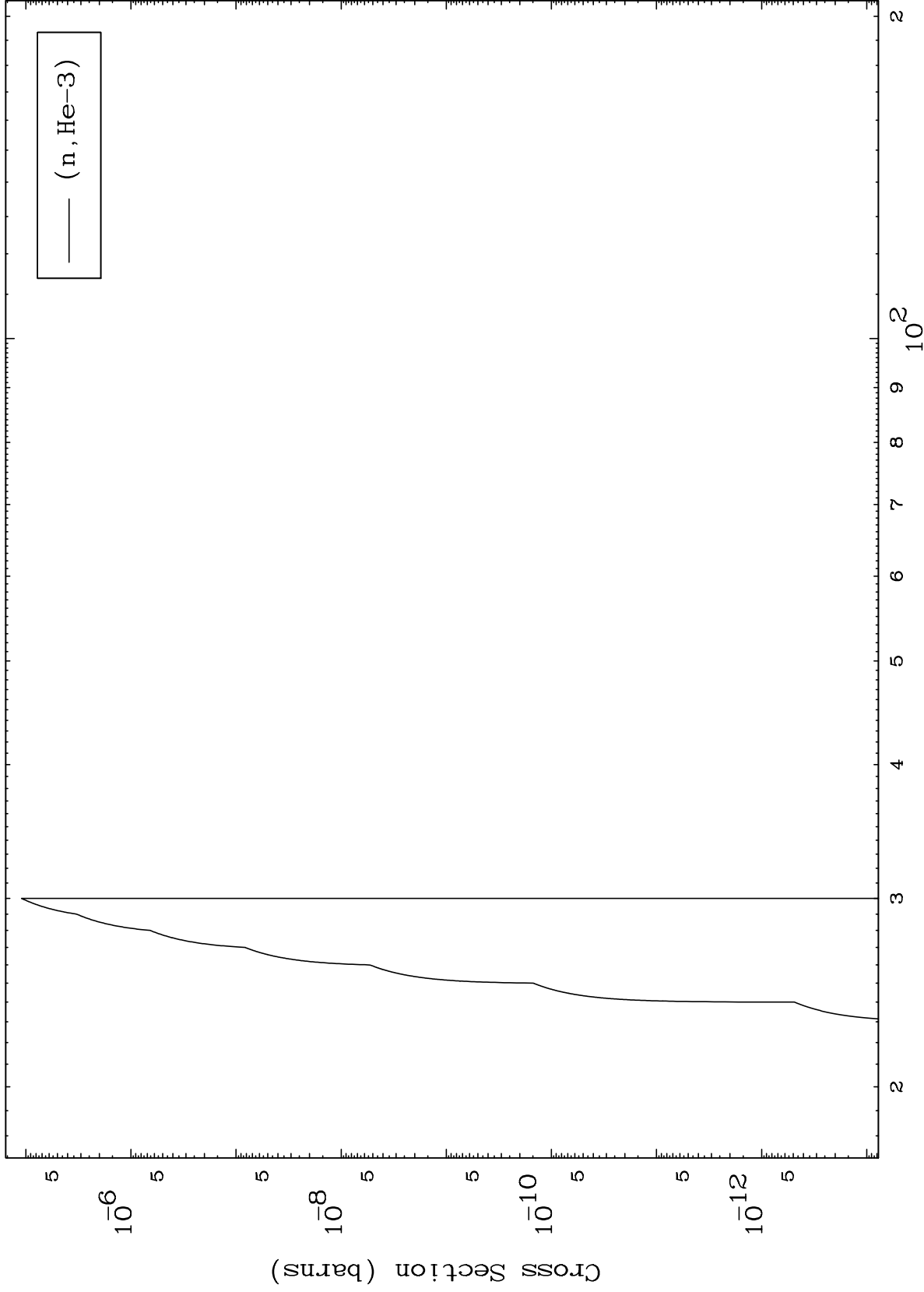
35-Br-87



11

Incident Energy (MeV)

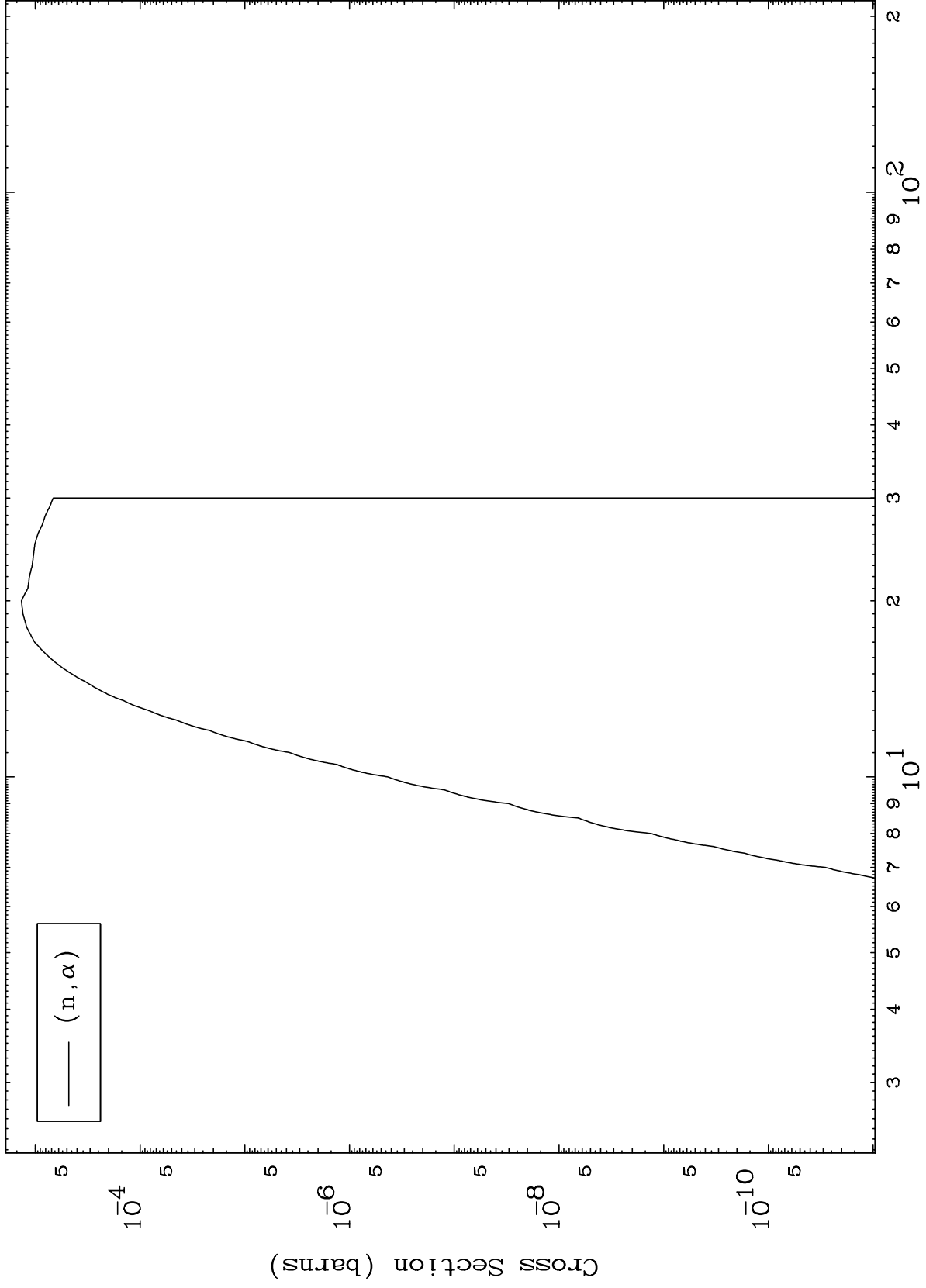
35-Br-87



MAT 3549

(n, α) Levels
293 Kelvin Cross Sections

35-Br-87



13

Incident Energy (MeV)

35-Br-87

MAT 3549

35-Br-87

Elastic Legendre Coefficients



35-Br-87

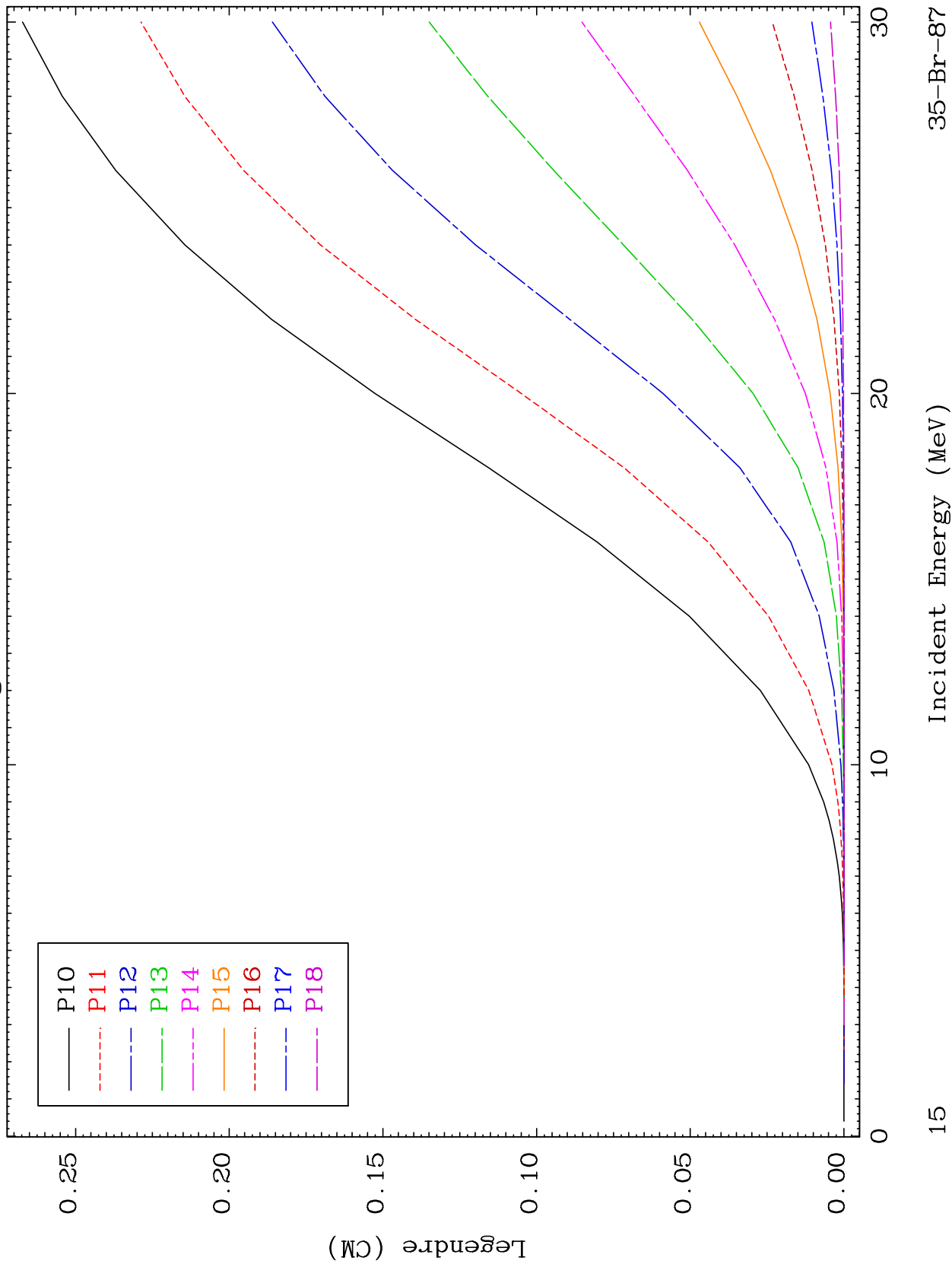
Incident Energy (MeV)

14

MAT 3549

Elastic Legendre Coefficients

35-Br-87



15

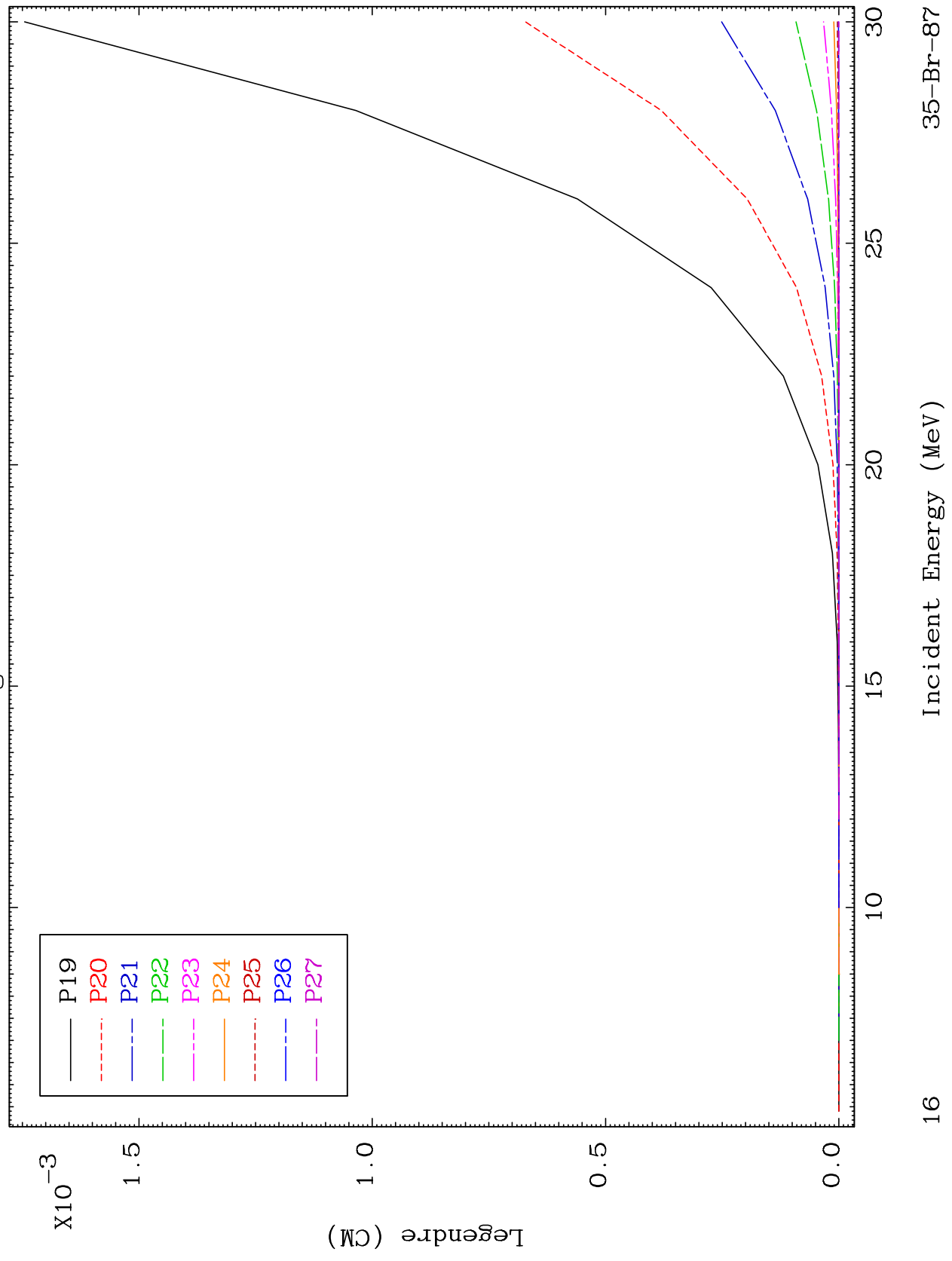
Incident Energy (MeV)

35-Br-87

MAT 3549

Elastic Legendre Coefficients

35-Br-87



16

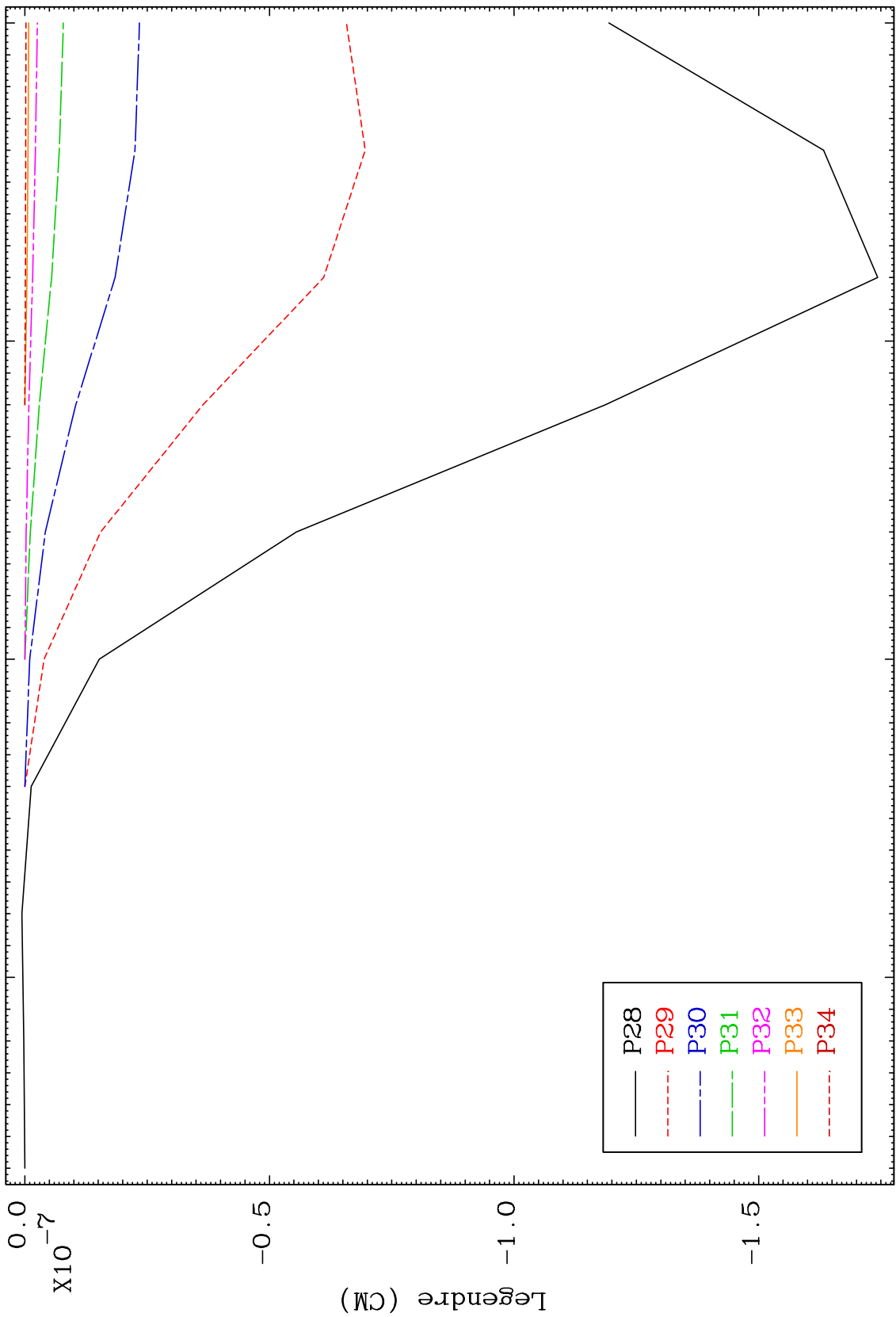
Incident Energy (MeV)

35-Br-87

MAT 3549

35-Br-87

Elastic Legendre Coefficients



17

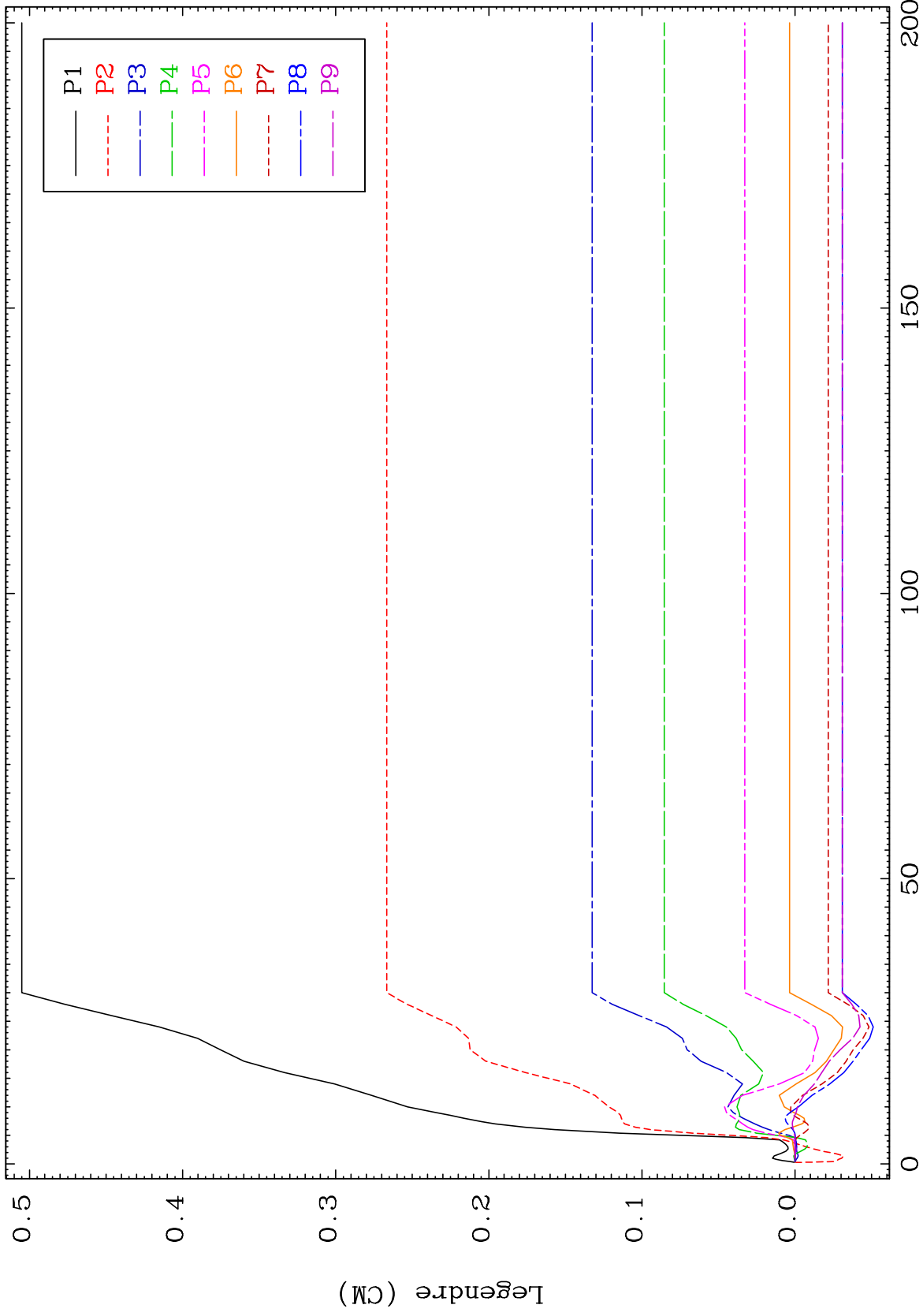
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



18

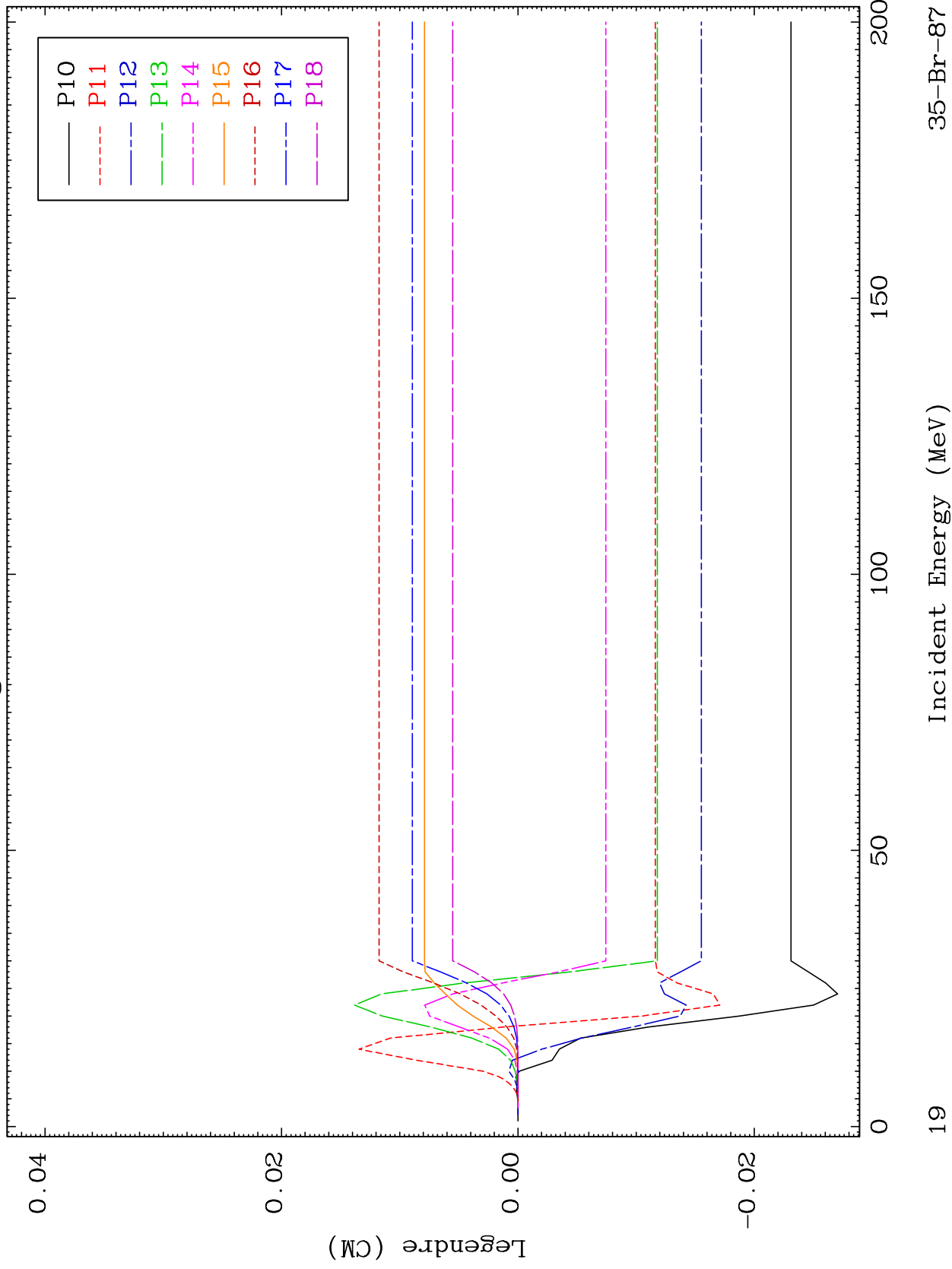
Incident Energy (MeV)

35-Br-87

MAT 3549

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

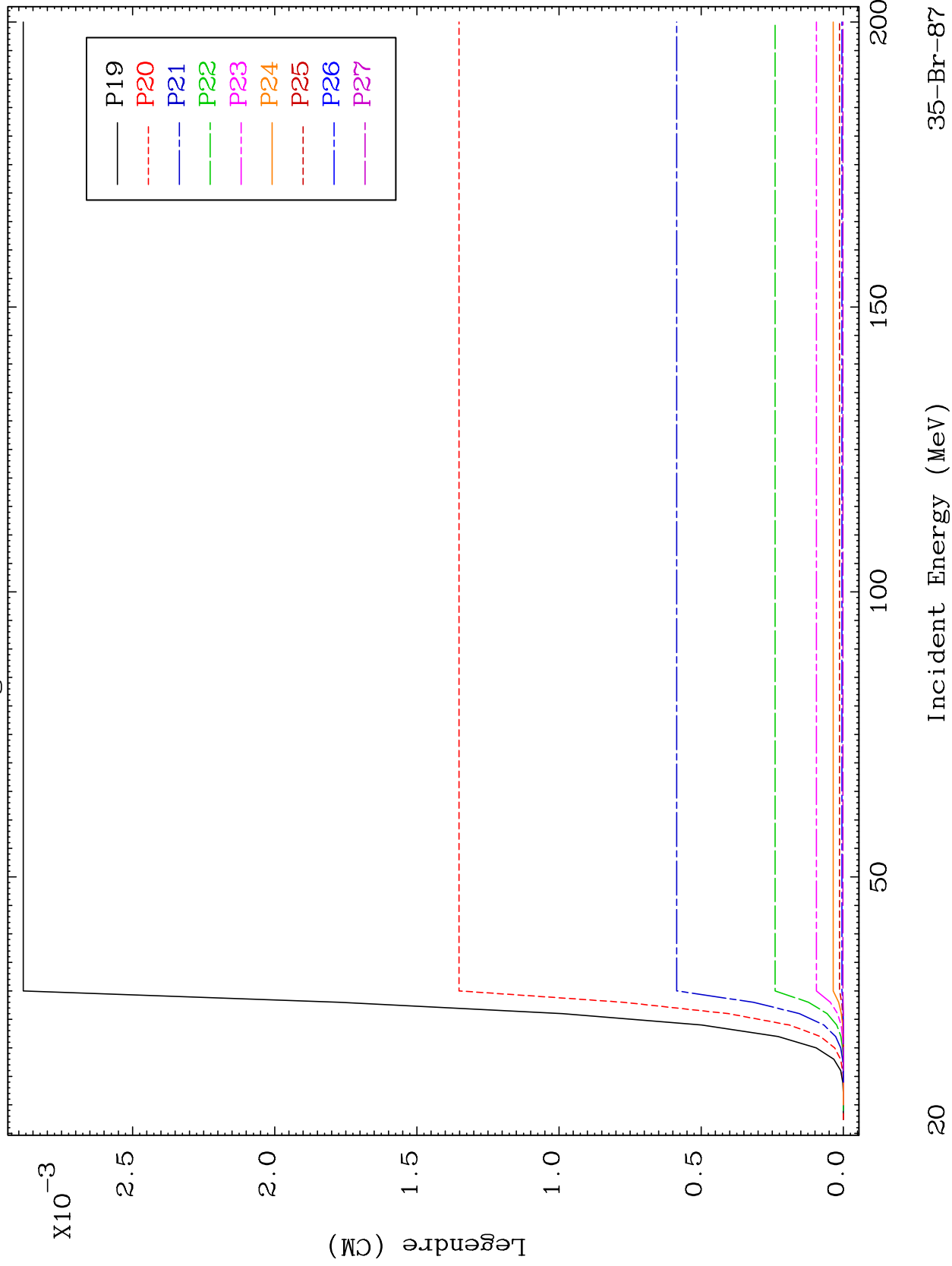
35-Br-87



MAT 3549

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

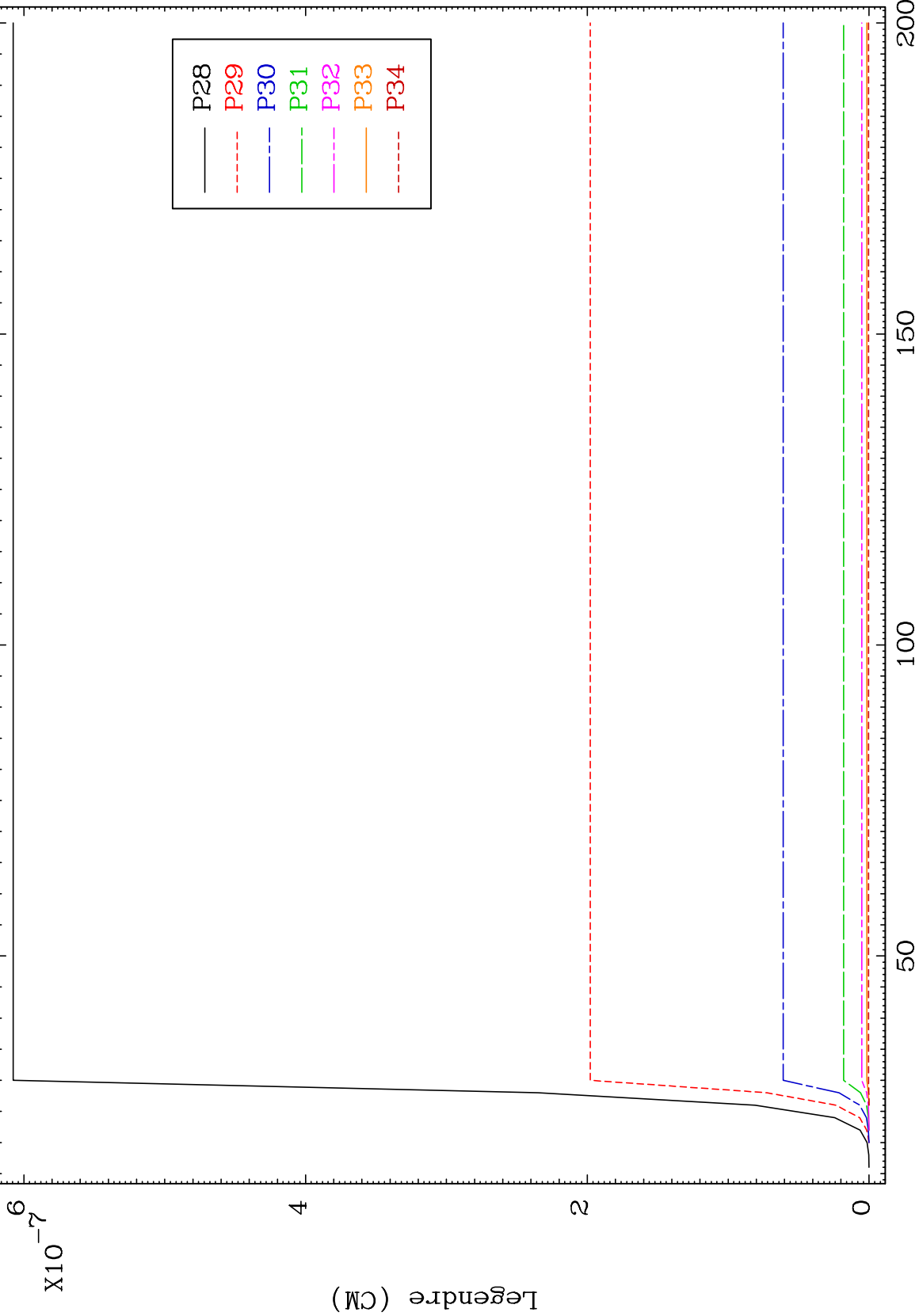
35-Br-87



MAT 3549

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

35-Br-87



21

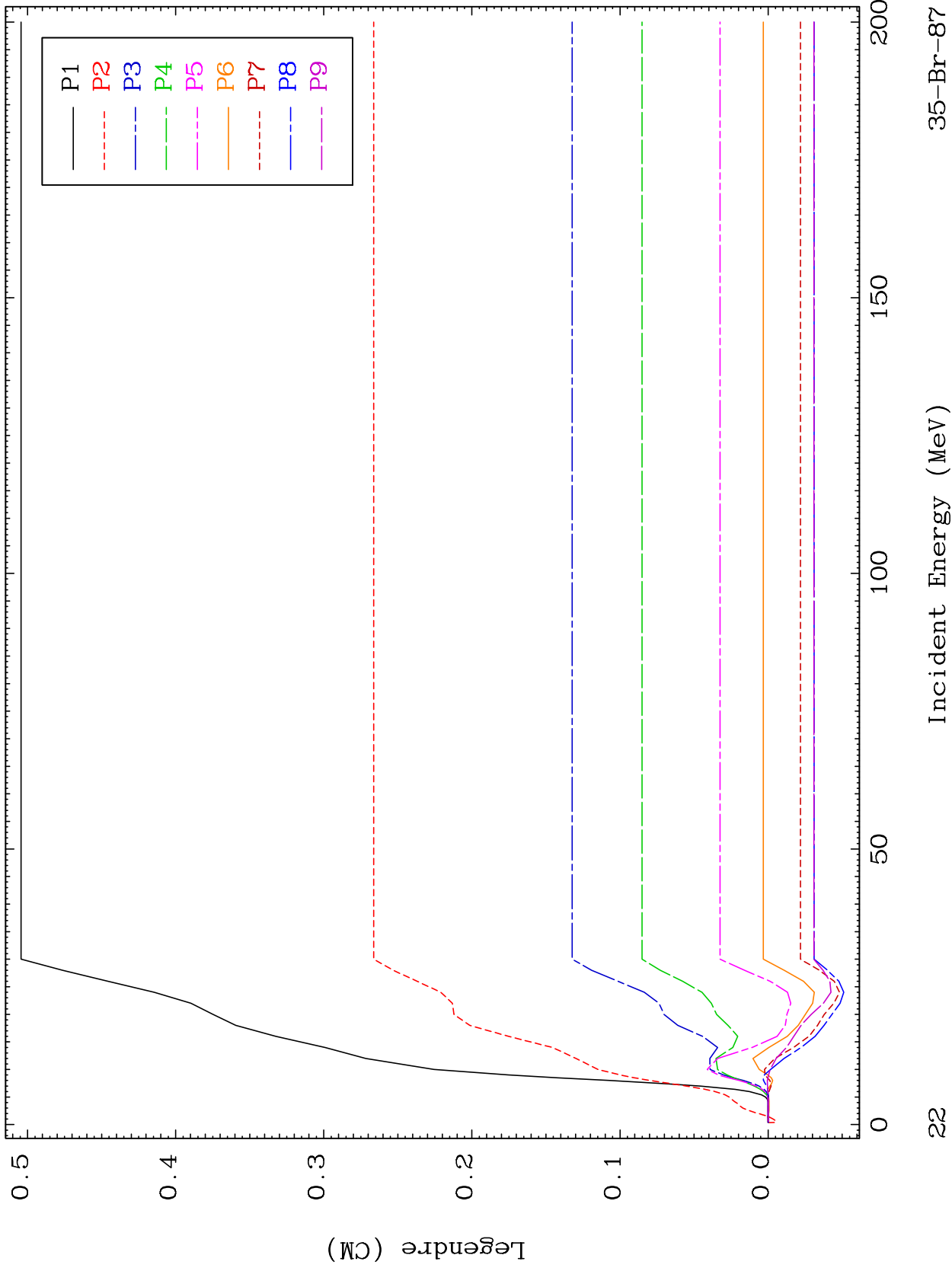
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87

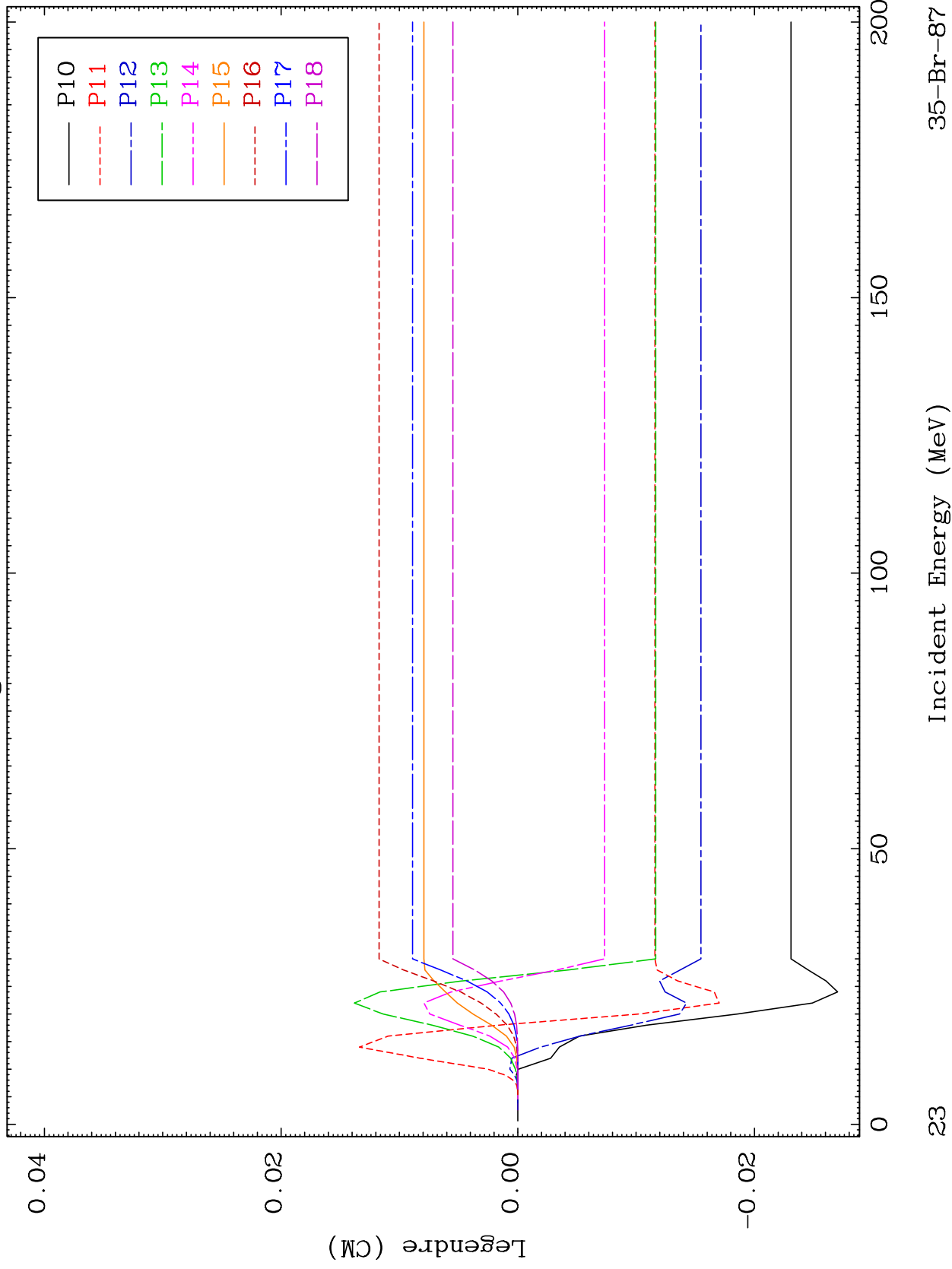


22

MAT 3549

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

35-Br-87



23

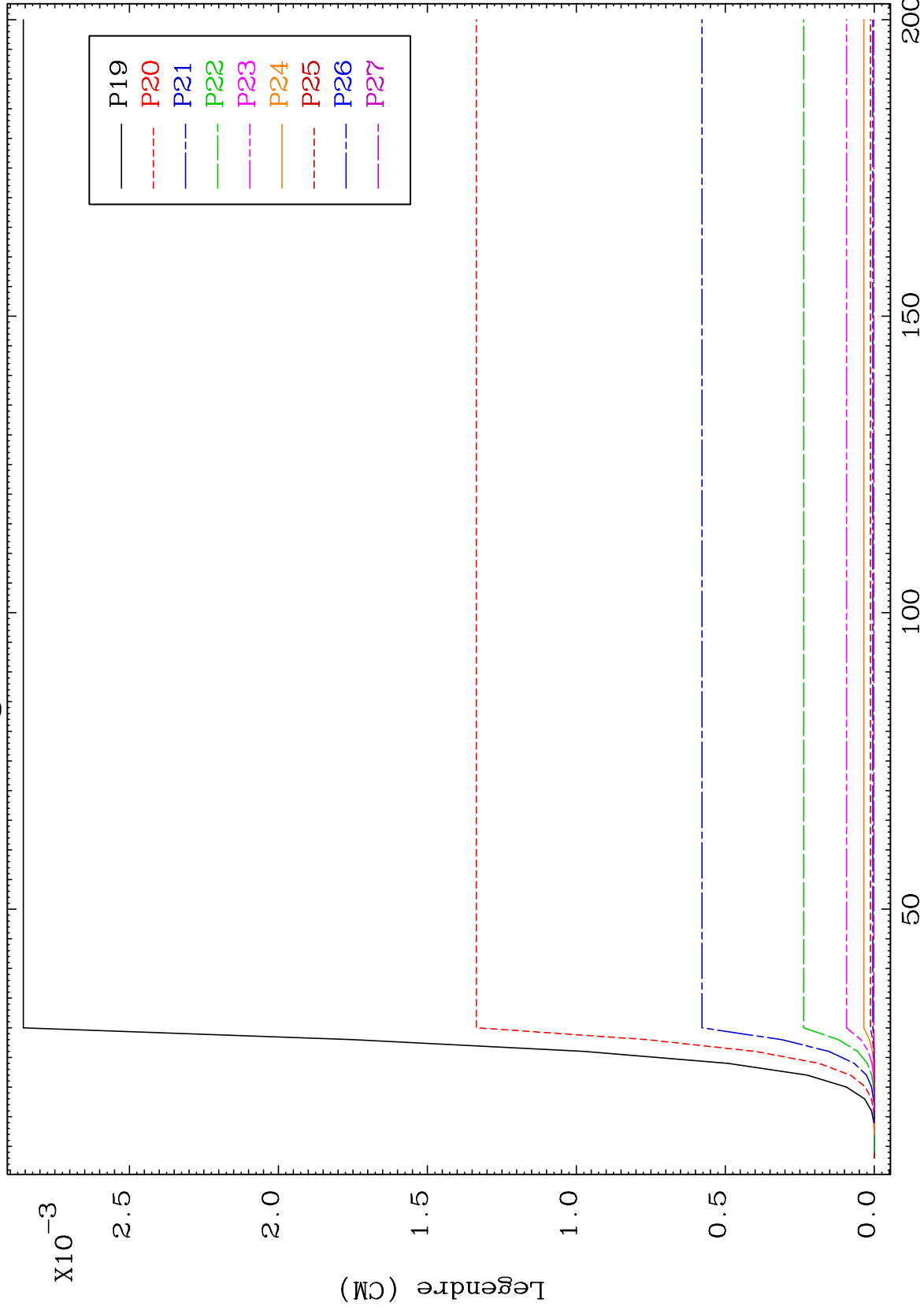
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



24

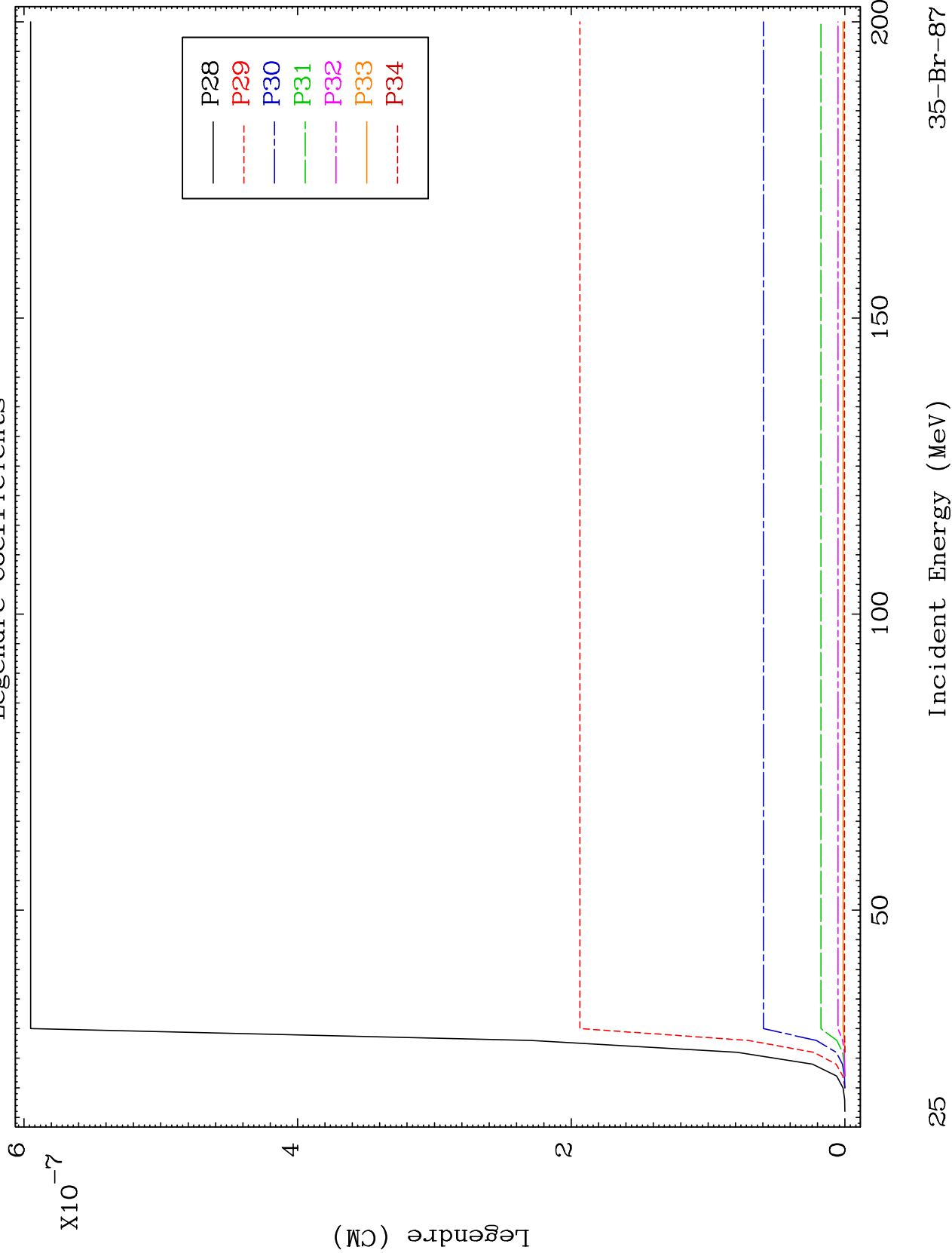
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



25

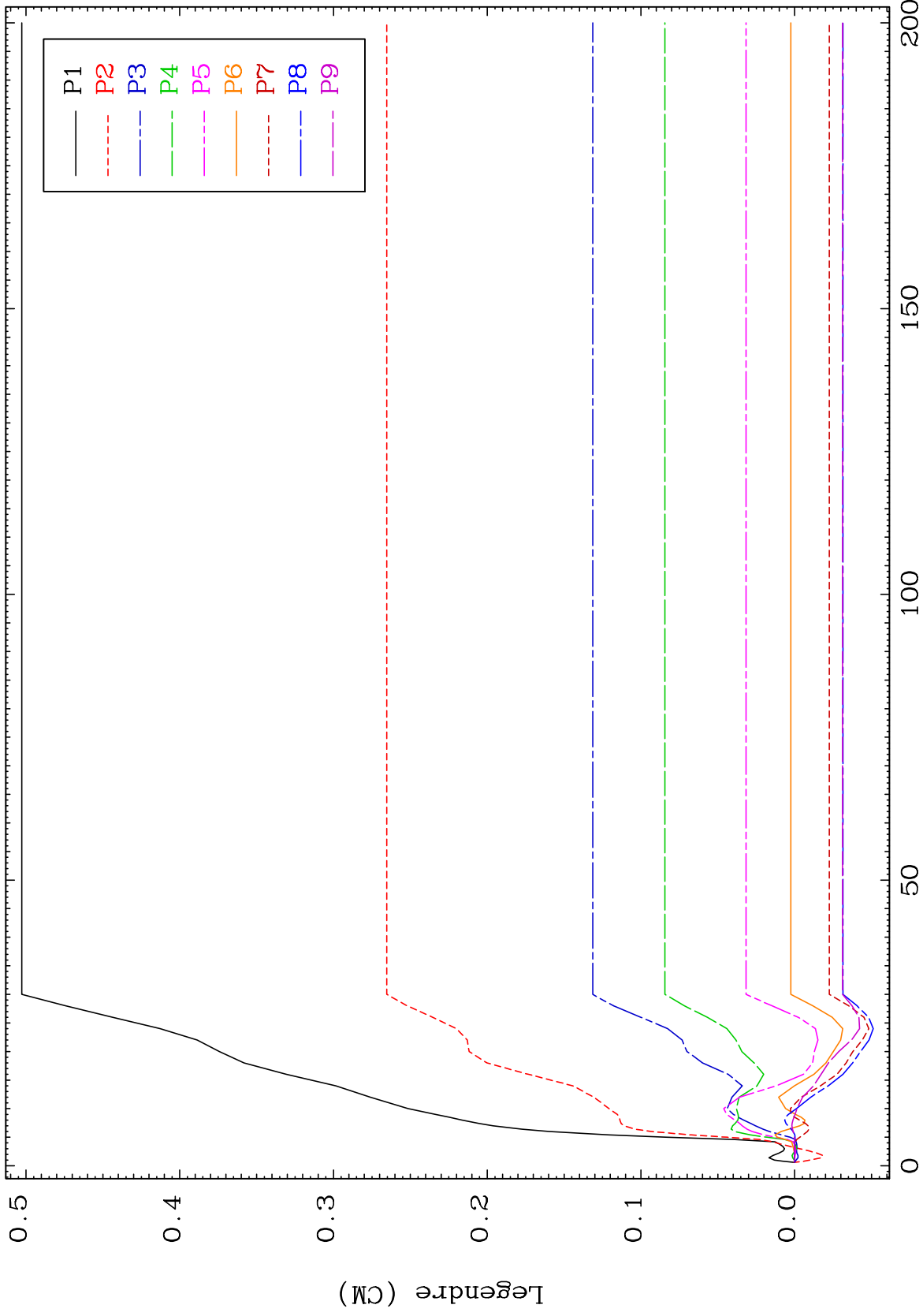
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



26

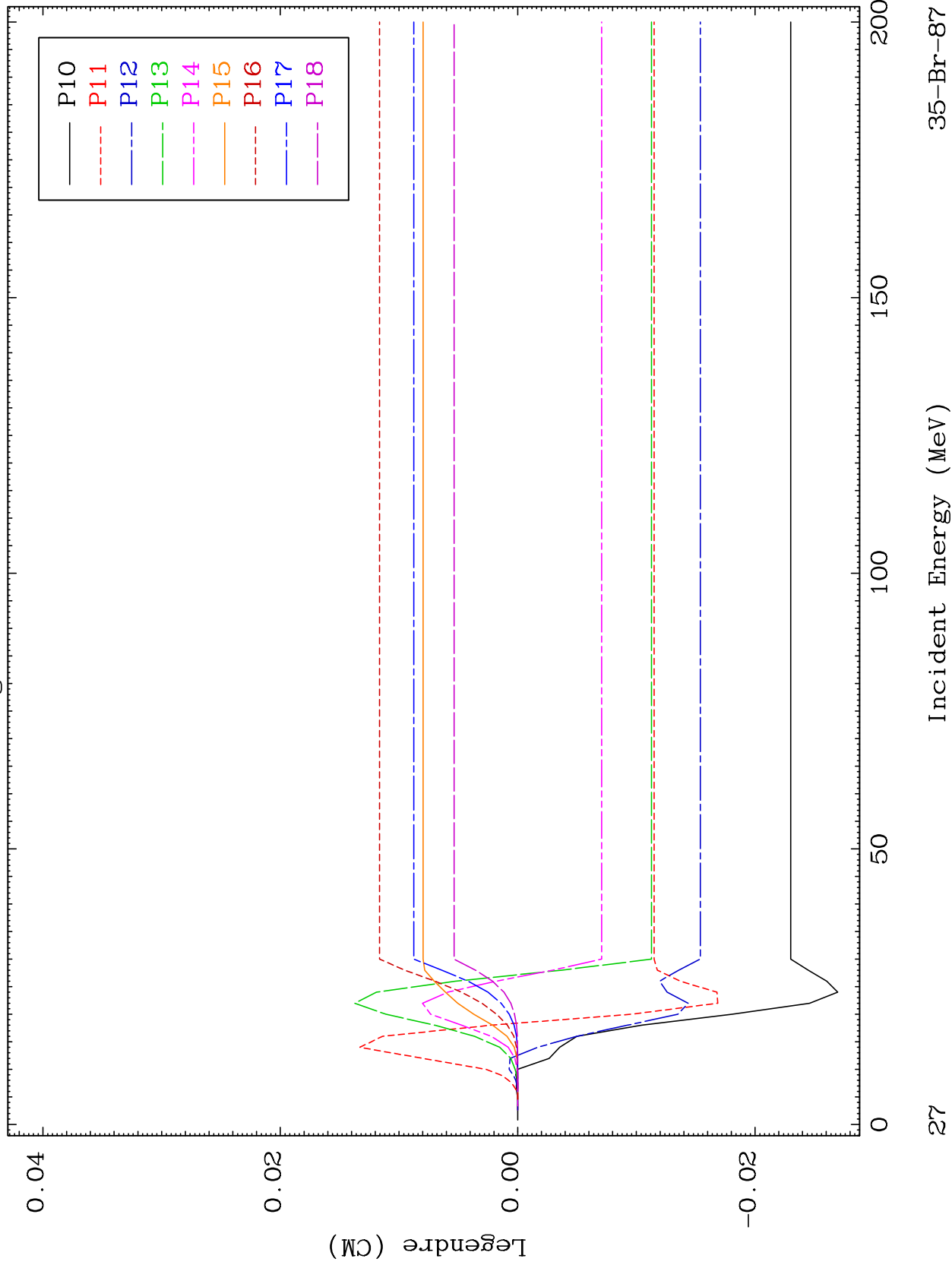
Incident Energy (MeV)

35-Br-87

MAT 3549

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

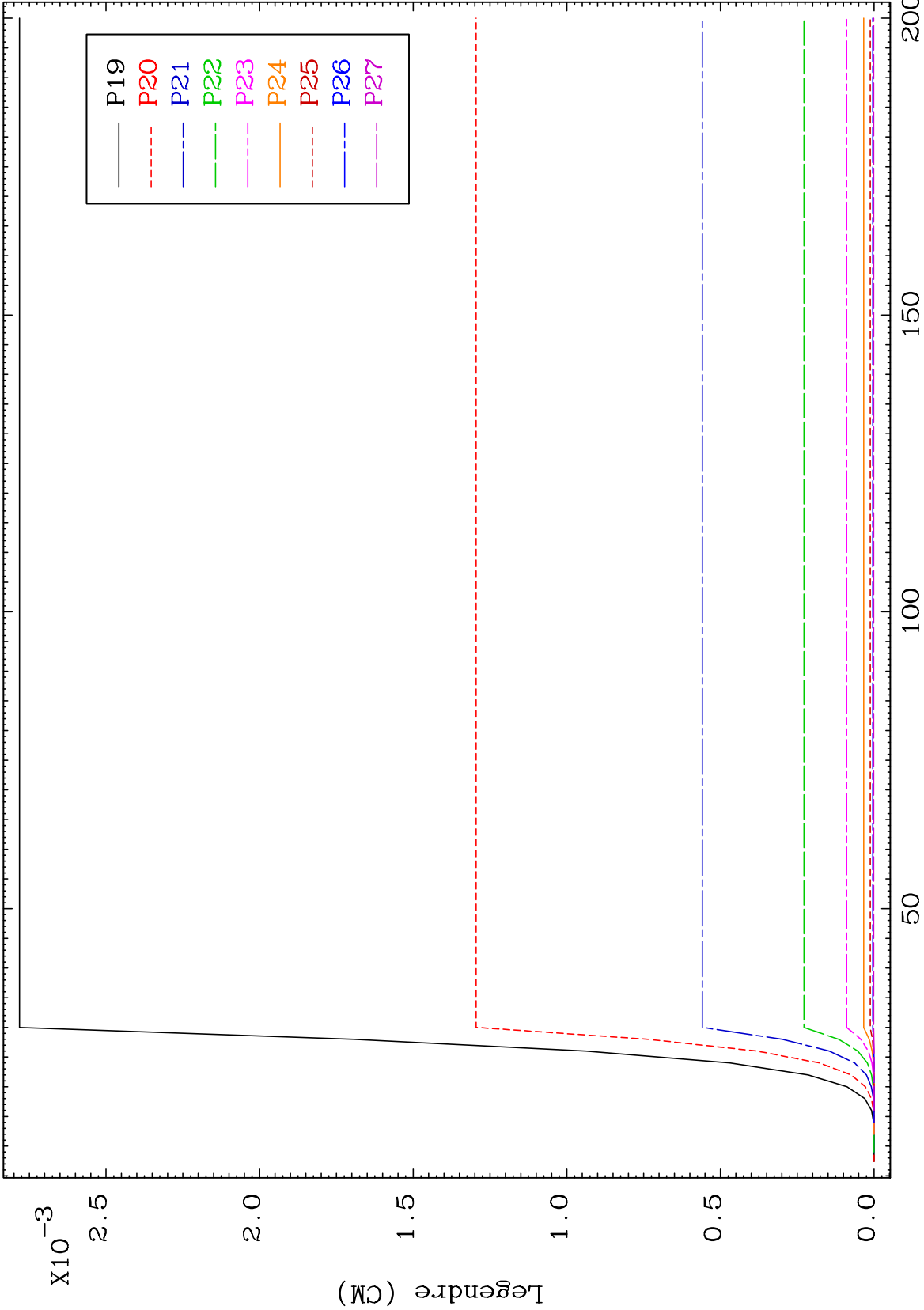
35-Br-87



27

Incident Energy (MeV)

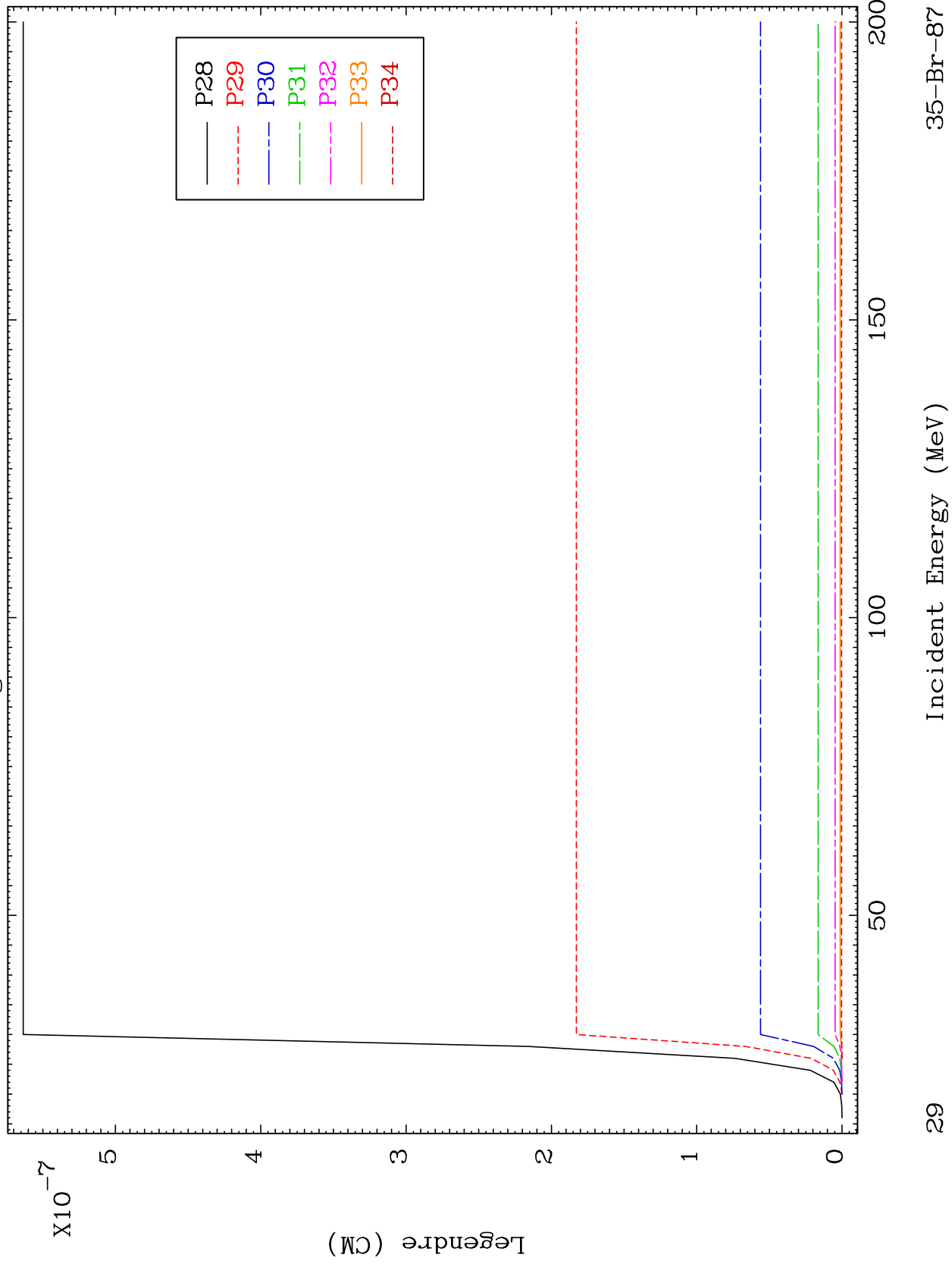
35-Br-87



MAT 3549

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

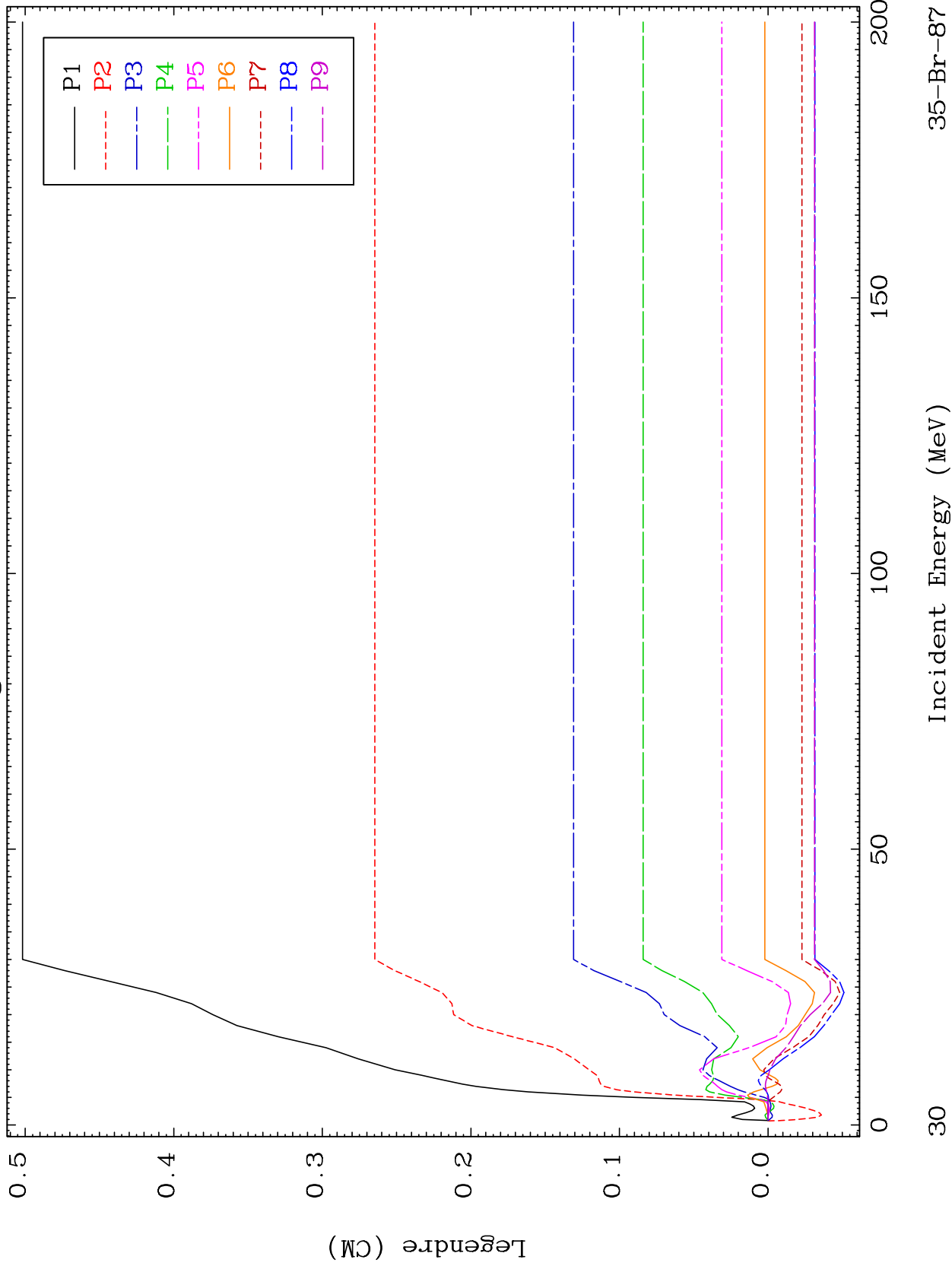
35-Br-87



MAT 3549

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

35-Br-87



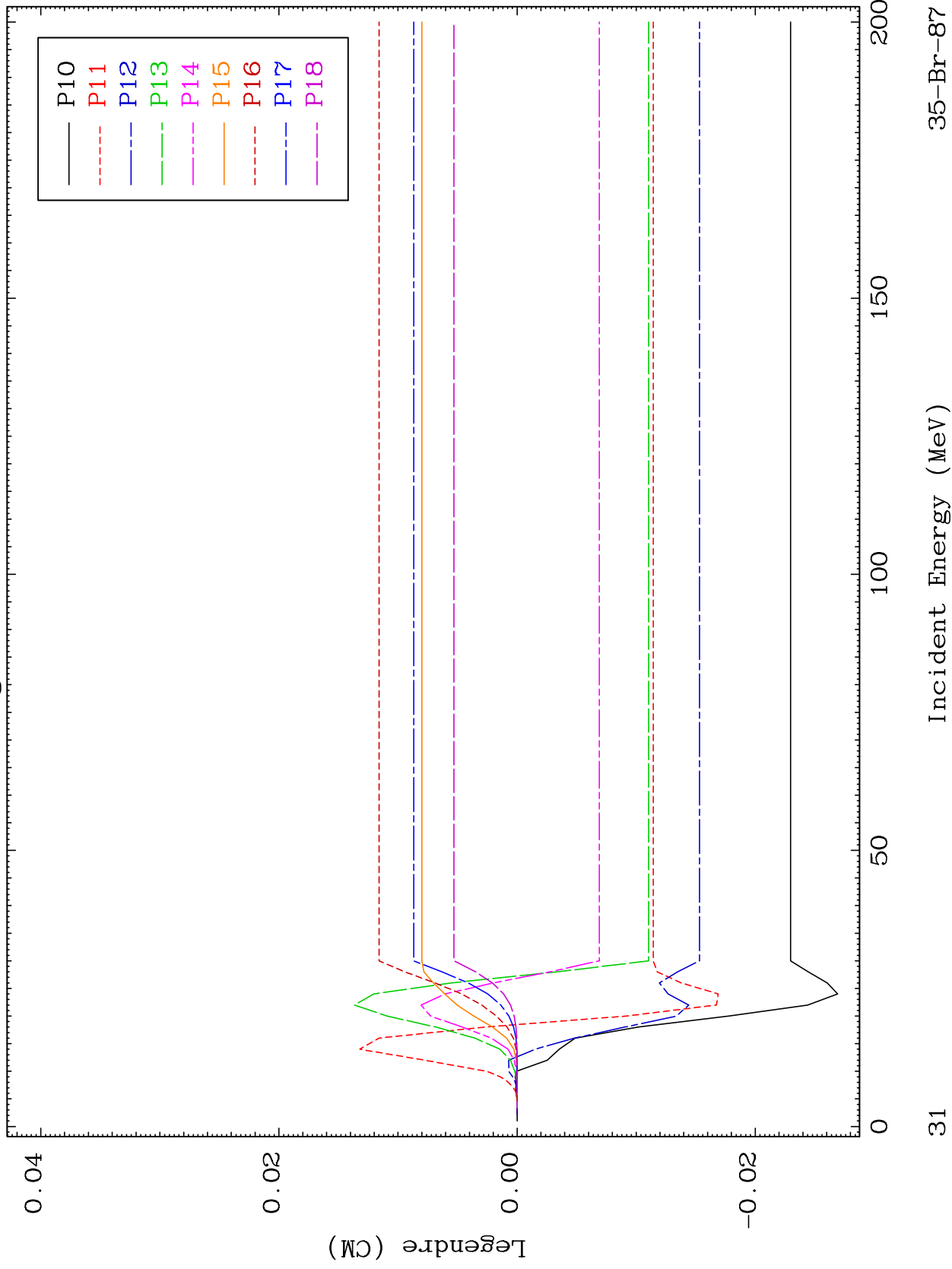
35-Br-87

Incident Energy (MeV)

MAT 3549

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

35-Br-87



31

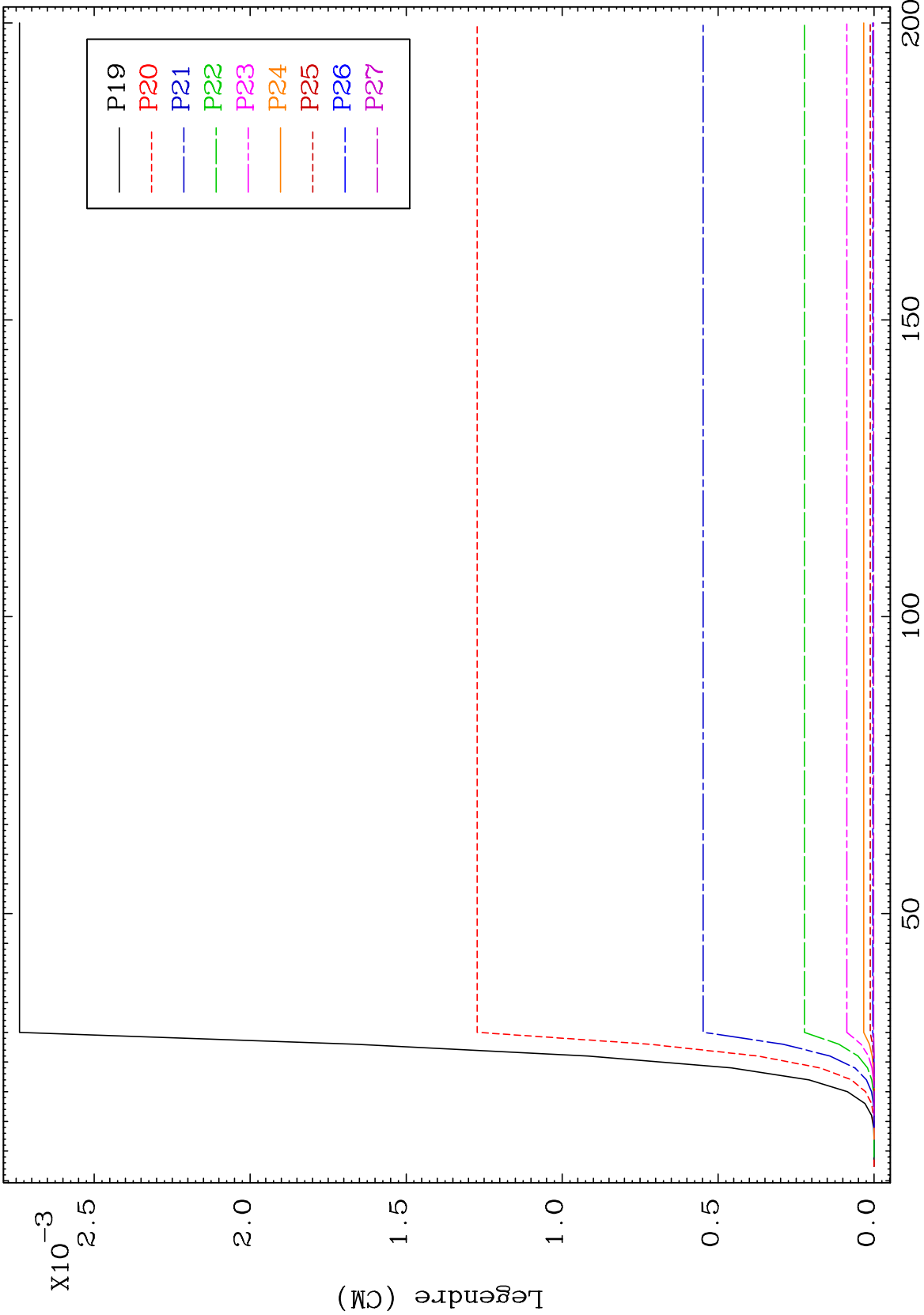
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



32

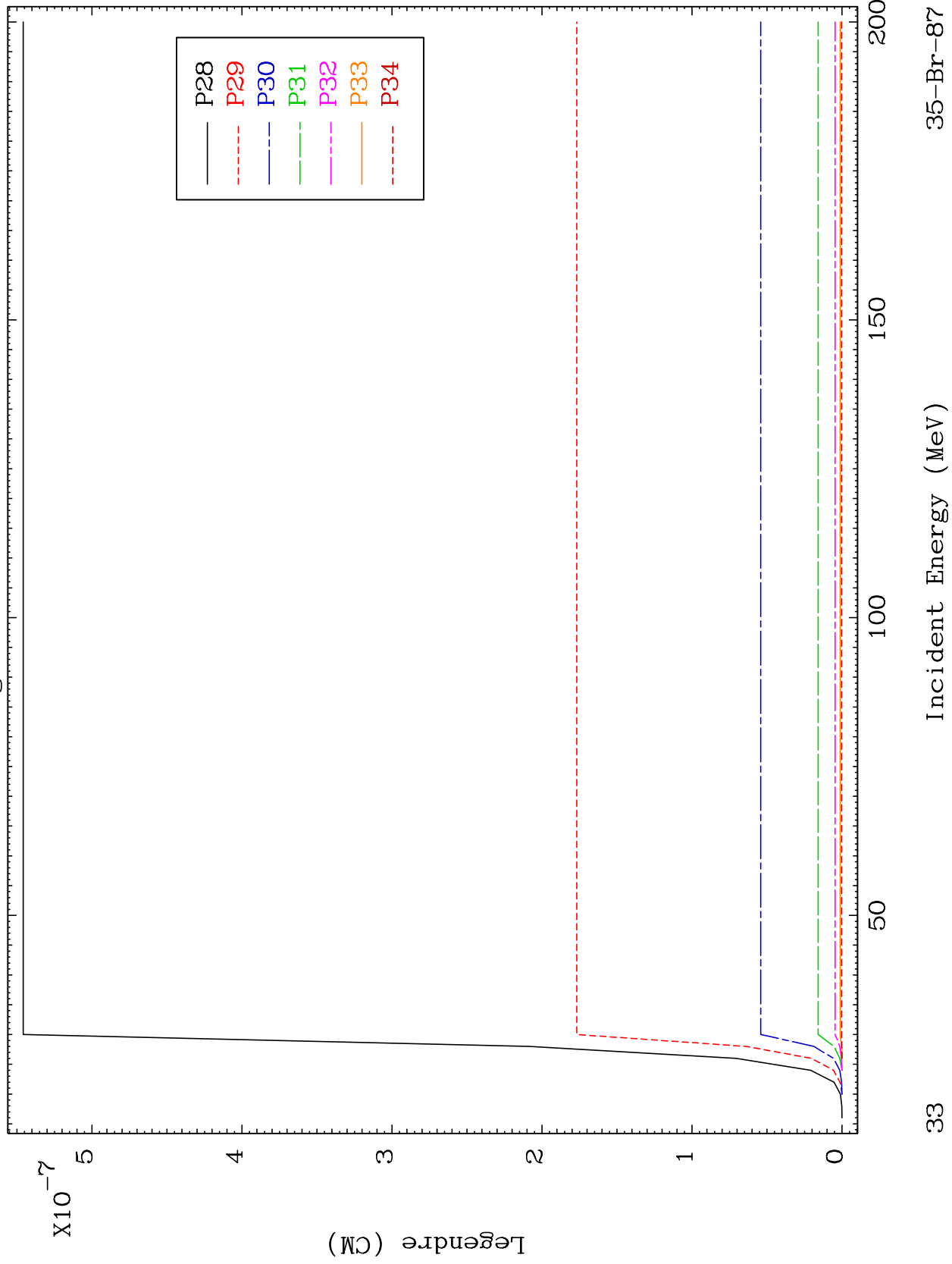
Incident Energy (MeV)

35-Br-87

MAT 3549

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

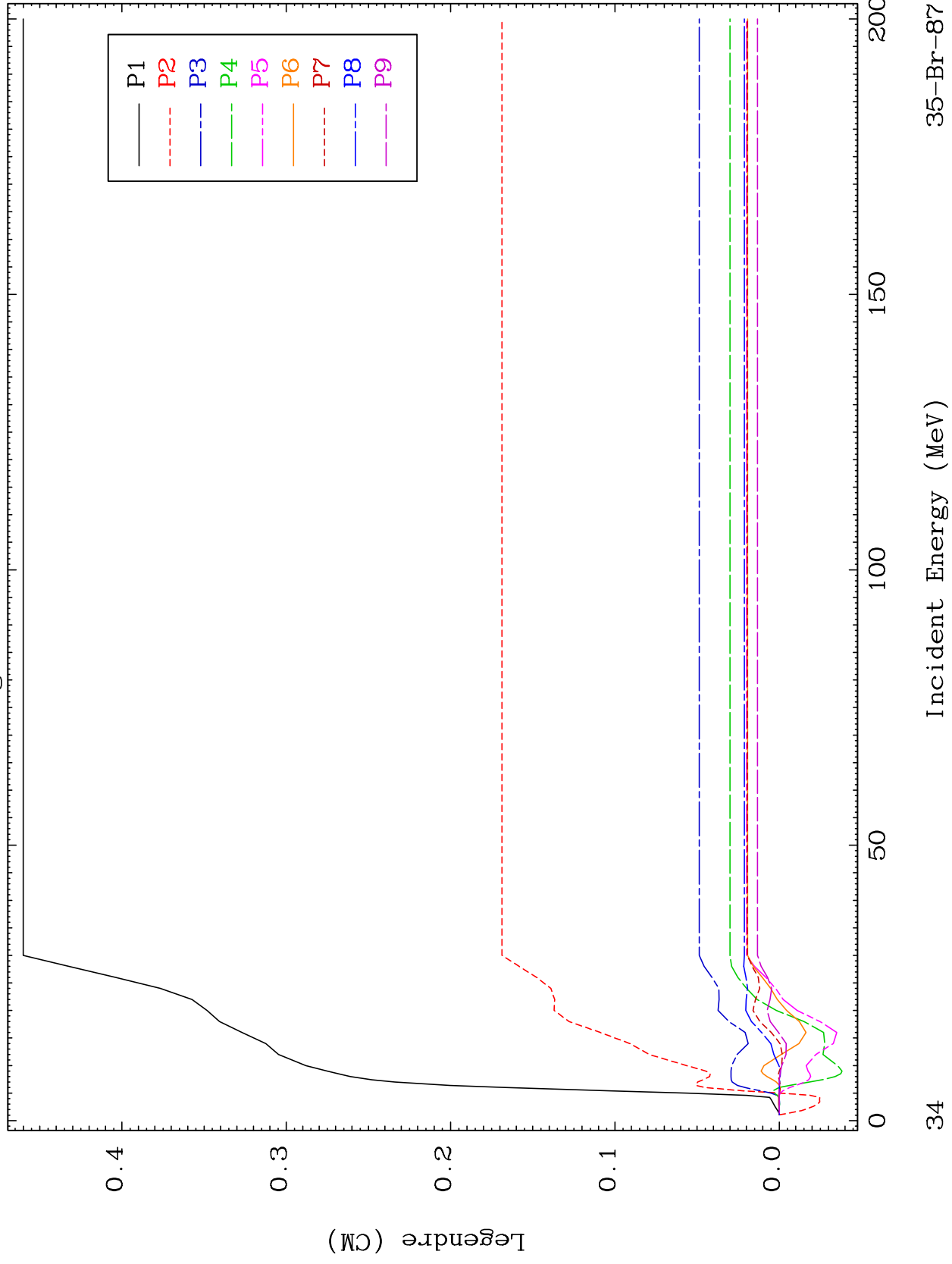
35-Br-87



MAT 3549

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

35-Br-87



34

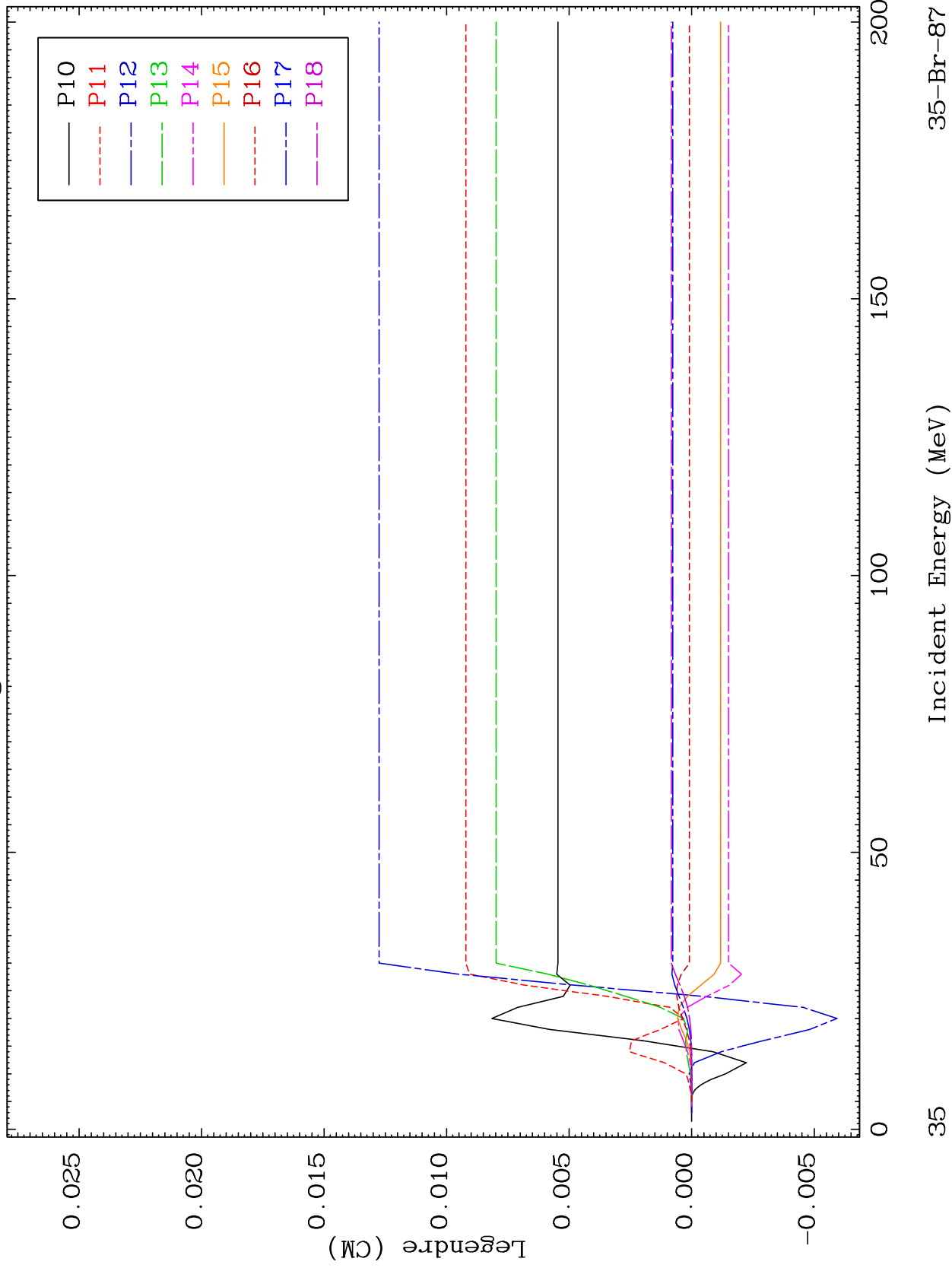
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



35-Br-87

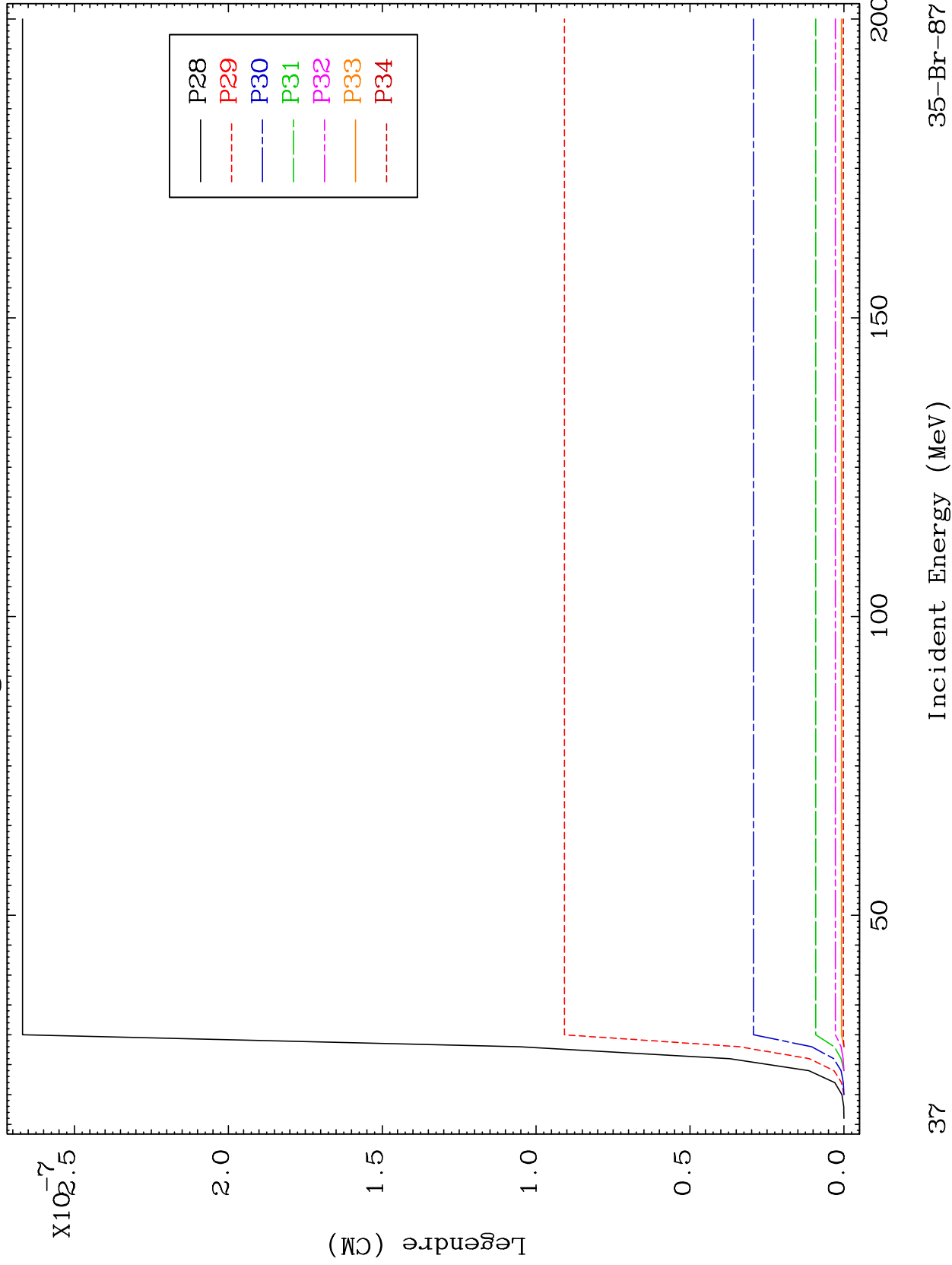
Incident Energy (MeV)

35

MAT 3549

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

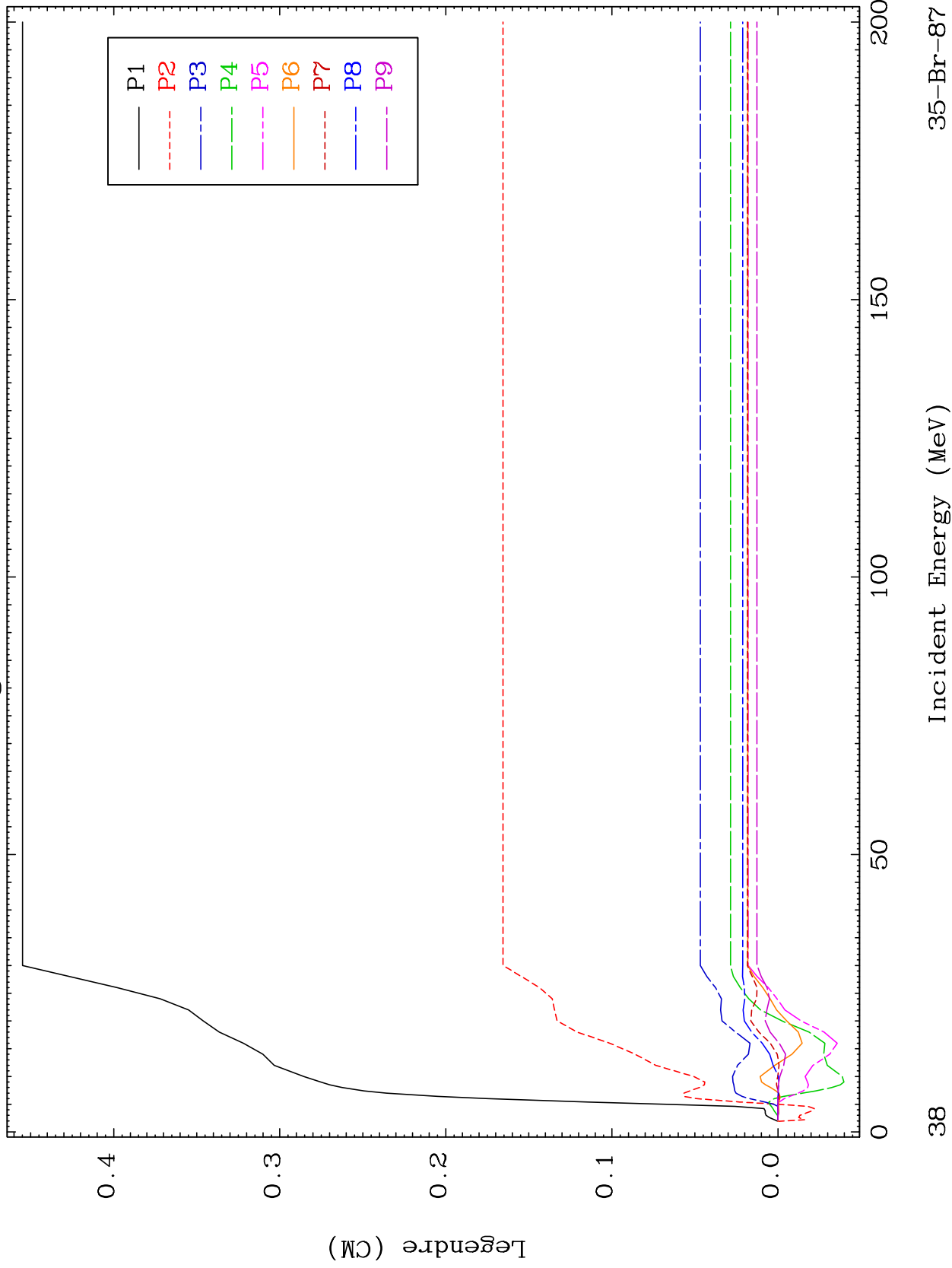
35-Br-87



MAT 3549

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

35-Br-87



38

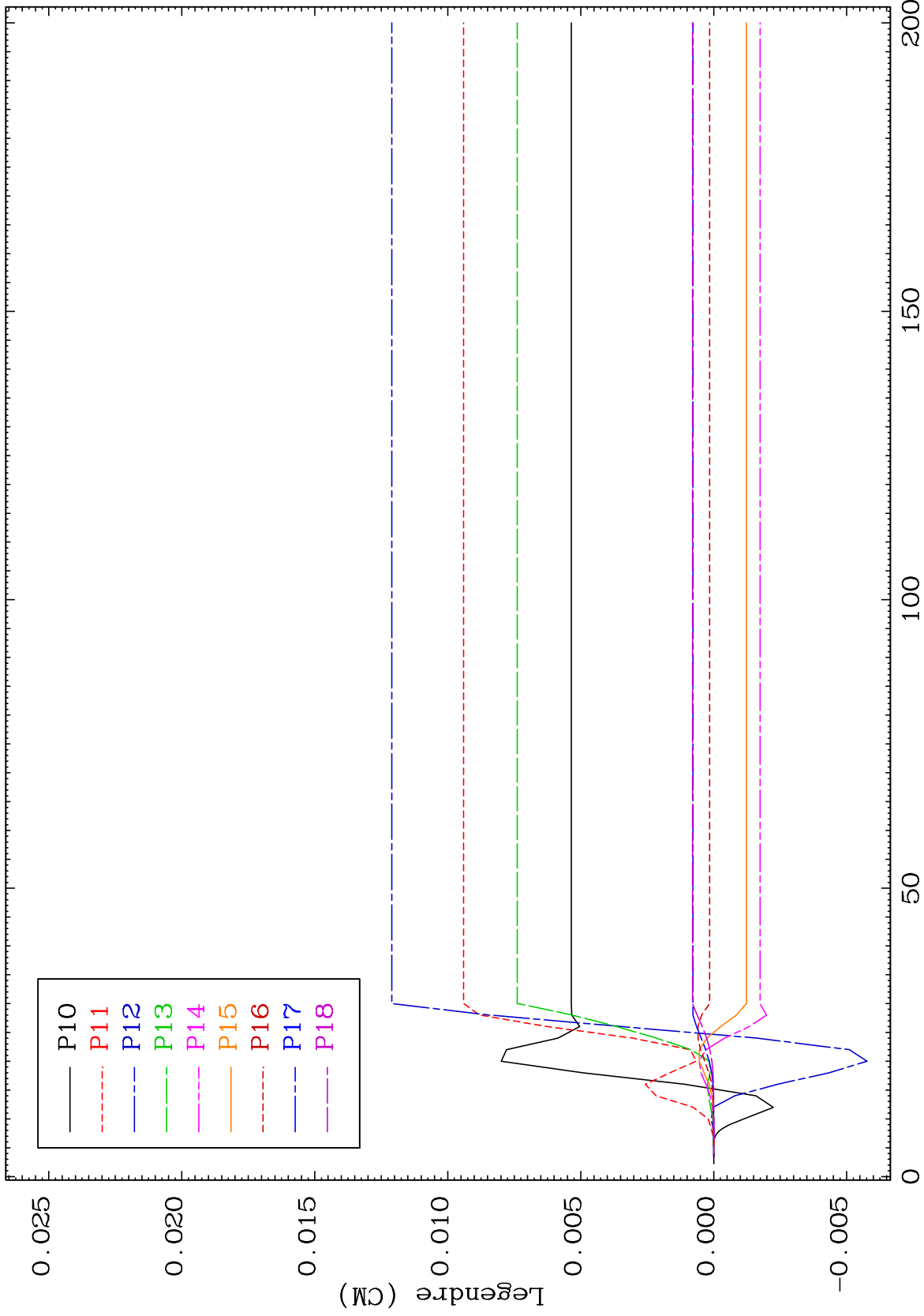
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



39

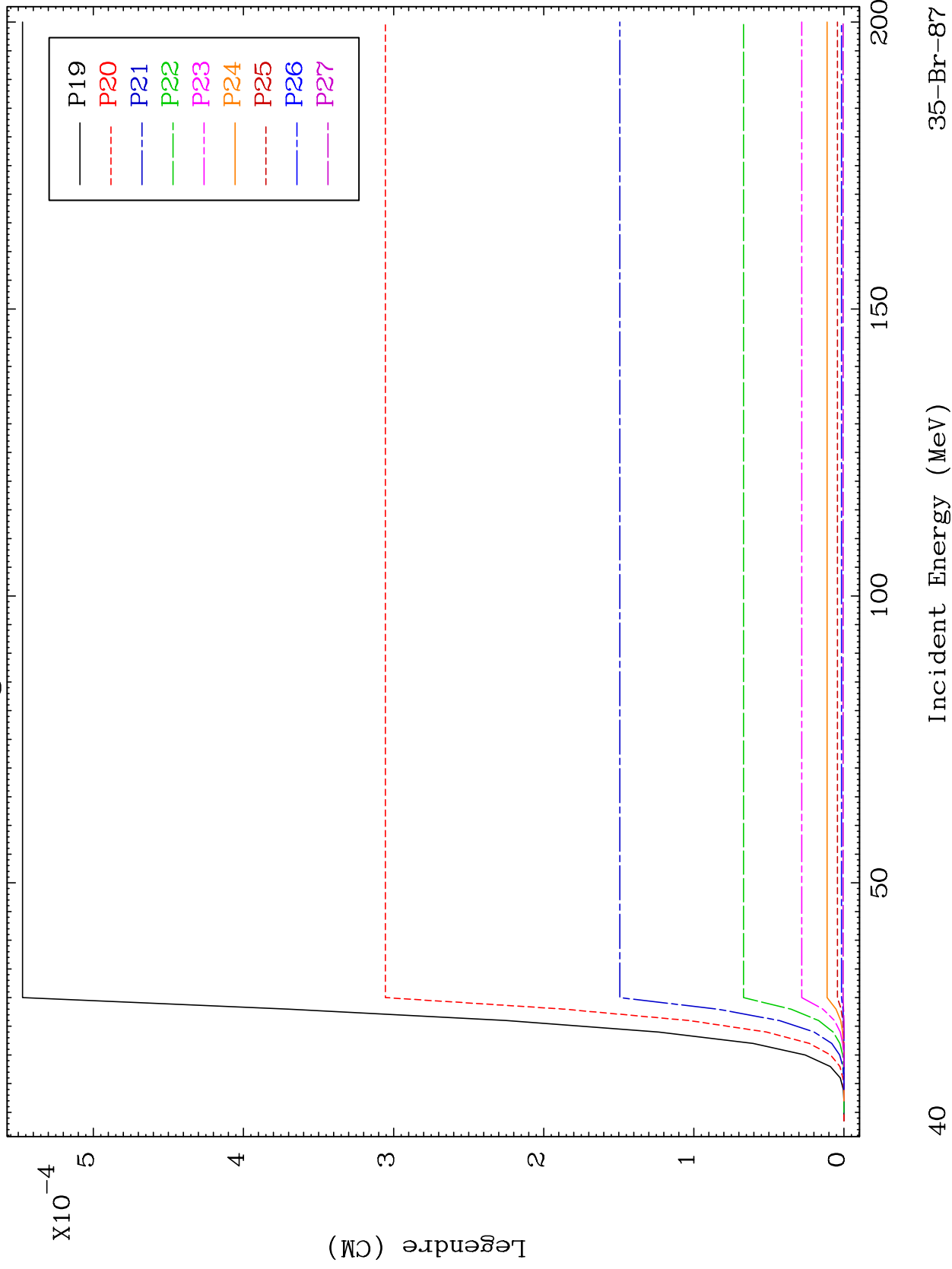
Incident Energy (MeV)

35-Br-87

MAT 3549

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

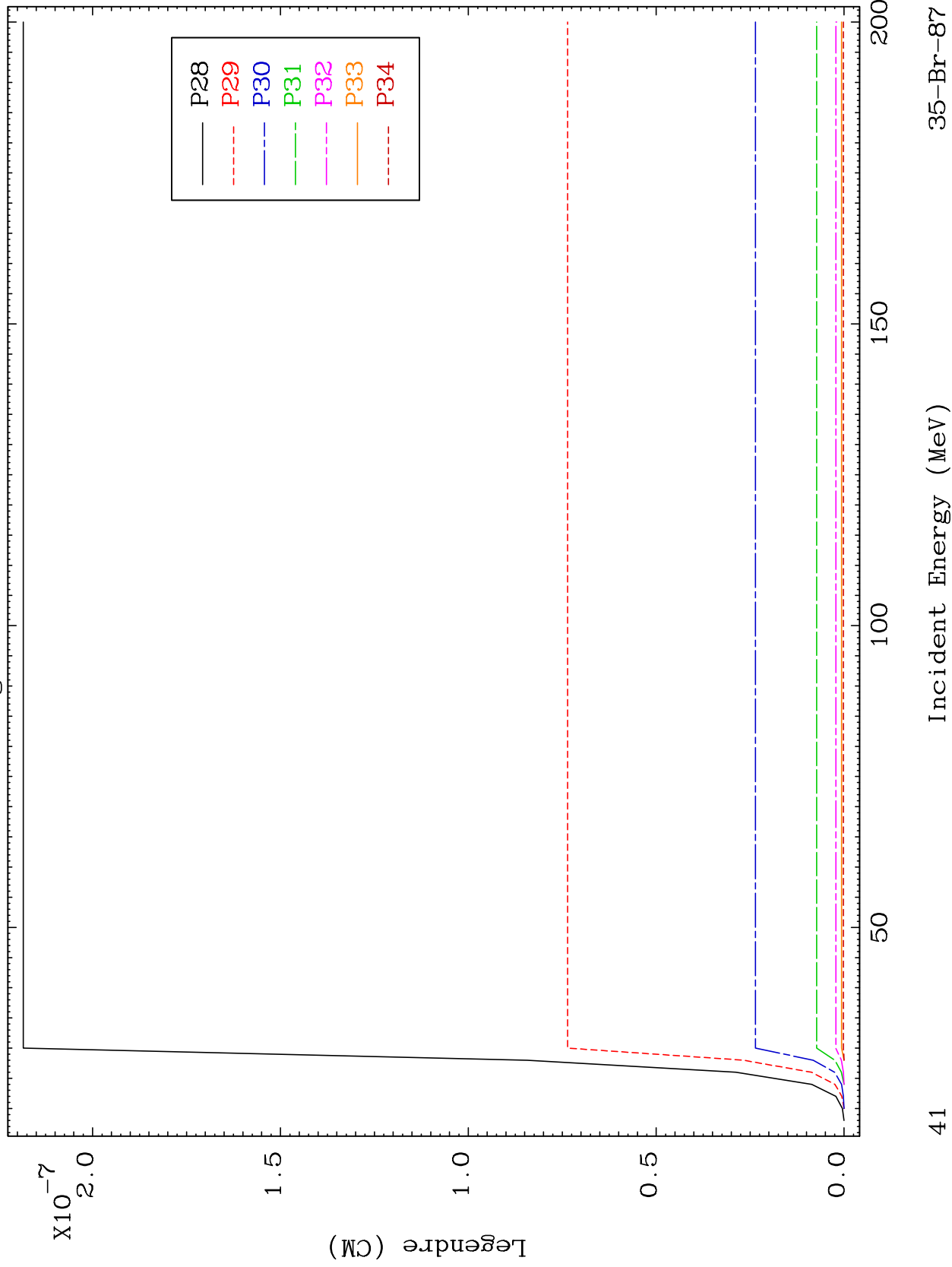
35-Br-87



MAT 3549

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

35-Br-87



41

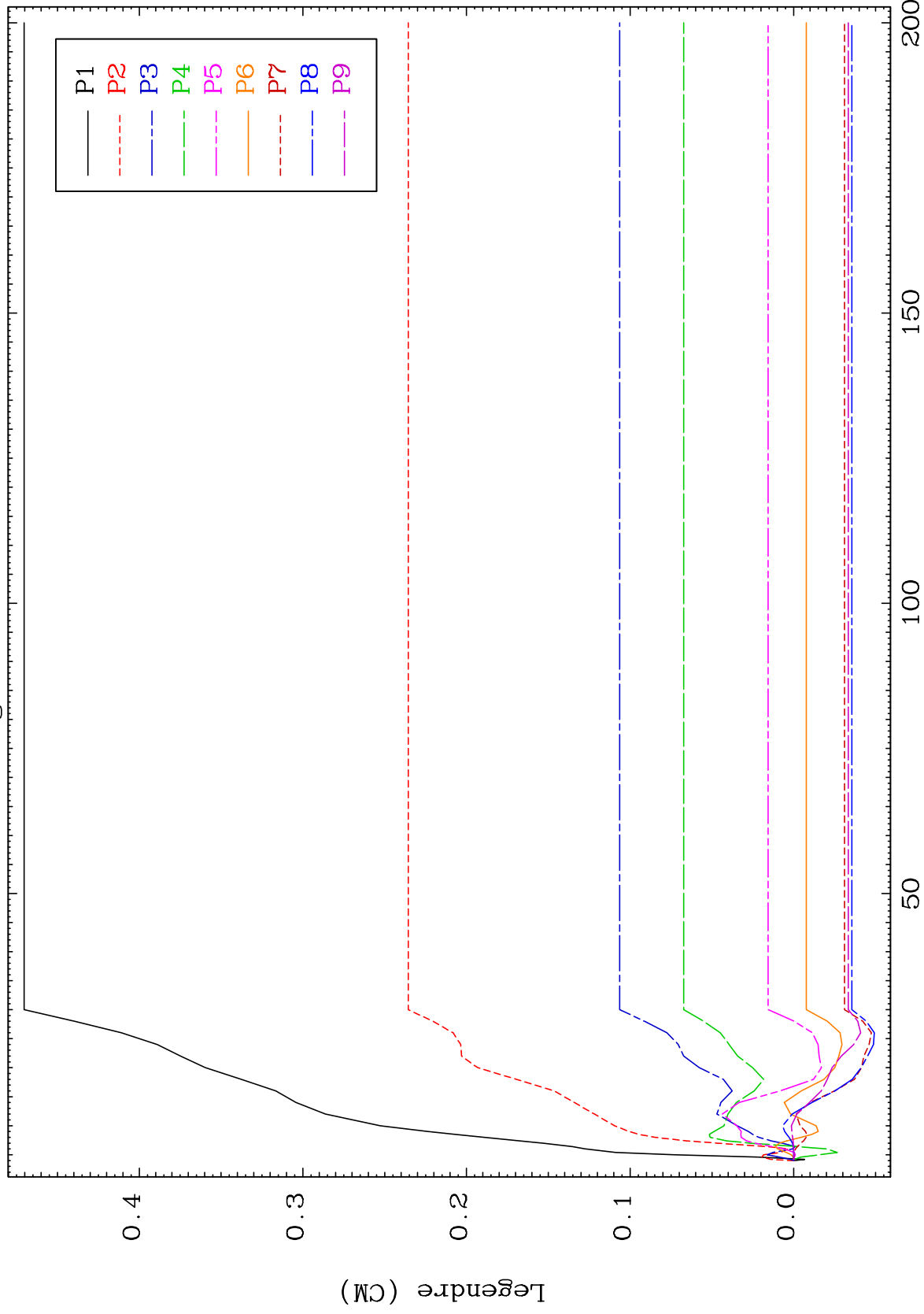
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



42

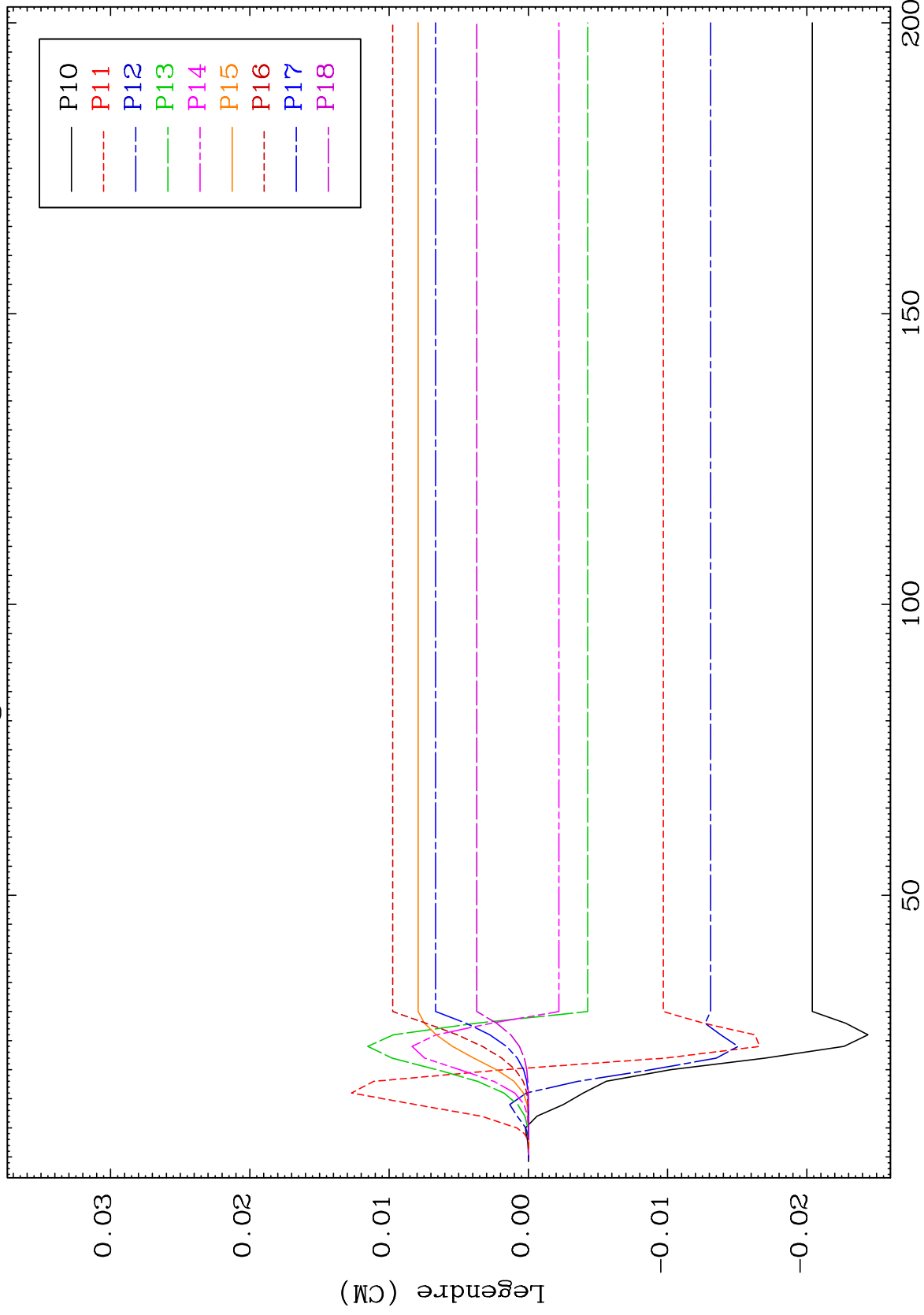
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



43

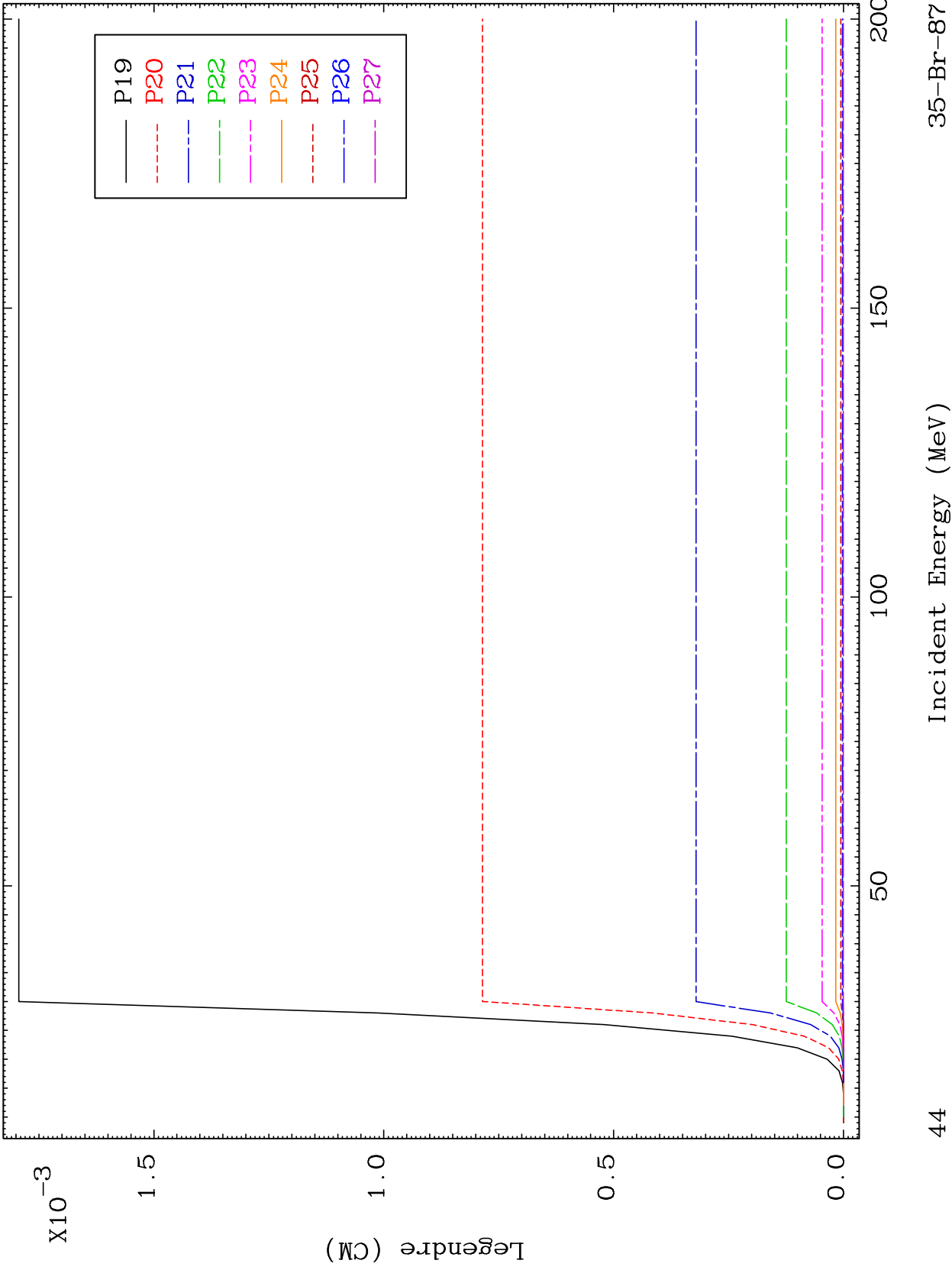
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



44

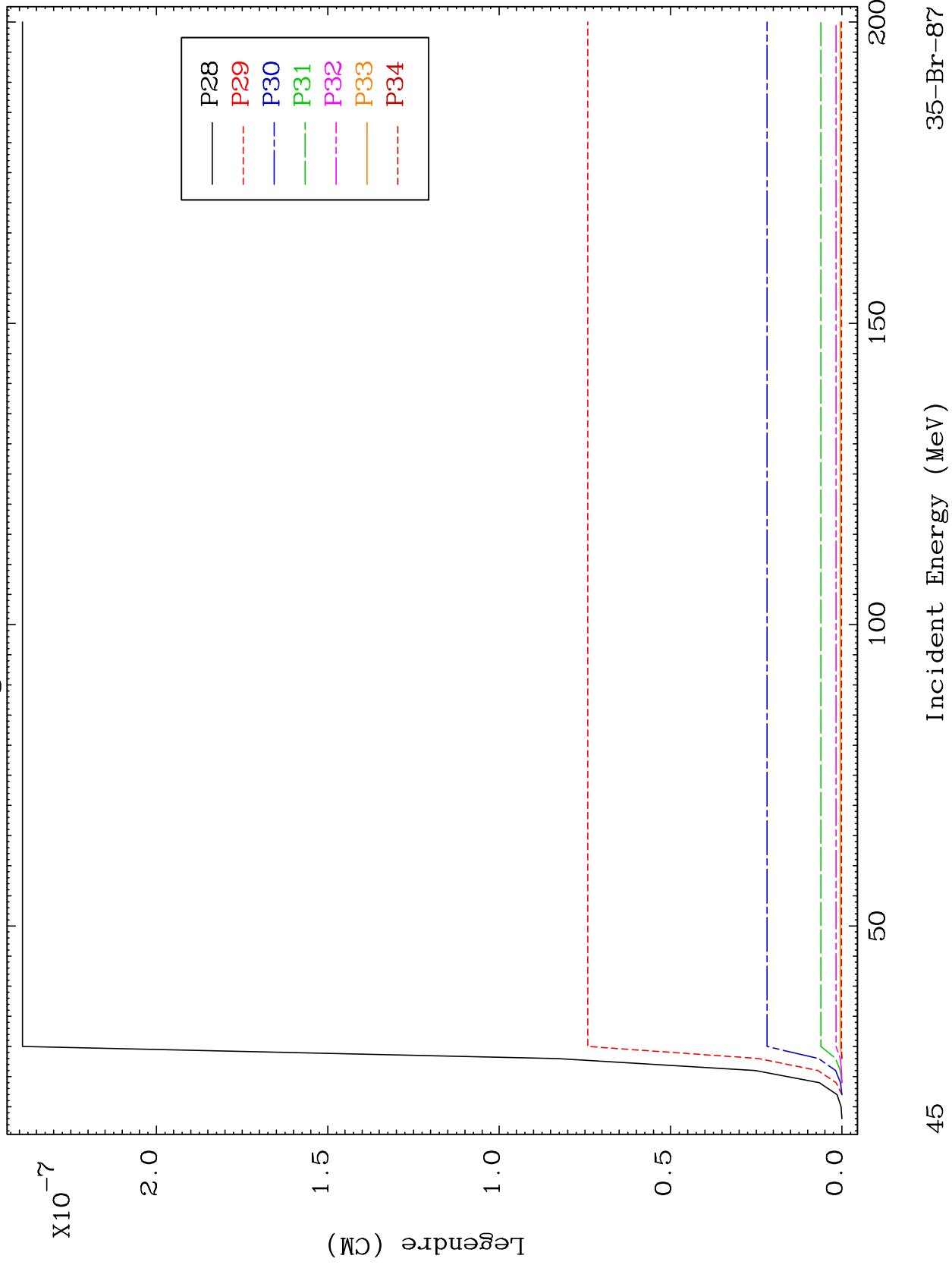
Incident Energy (MeV)

35-Br-87

MAT 3549

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

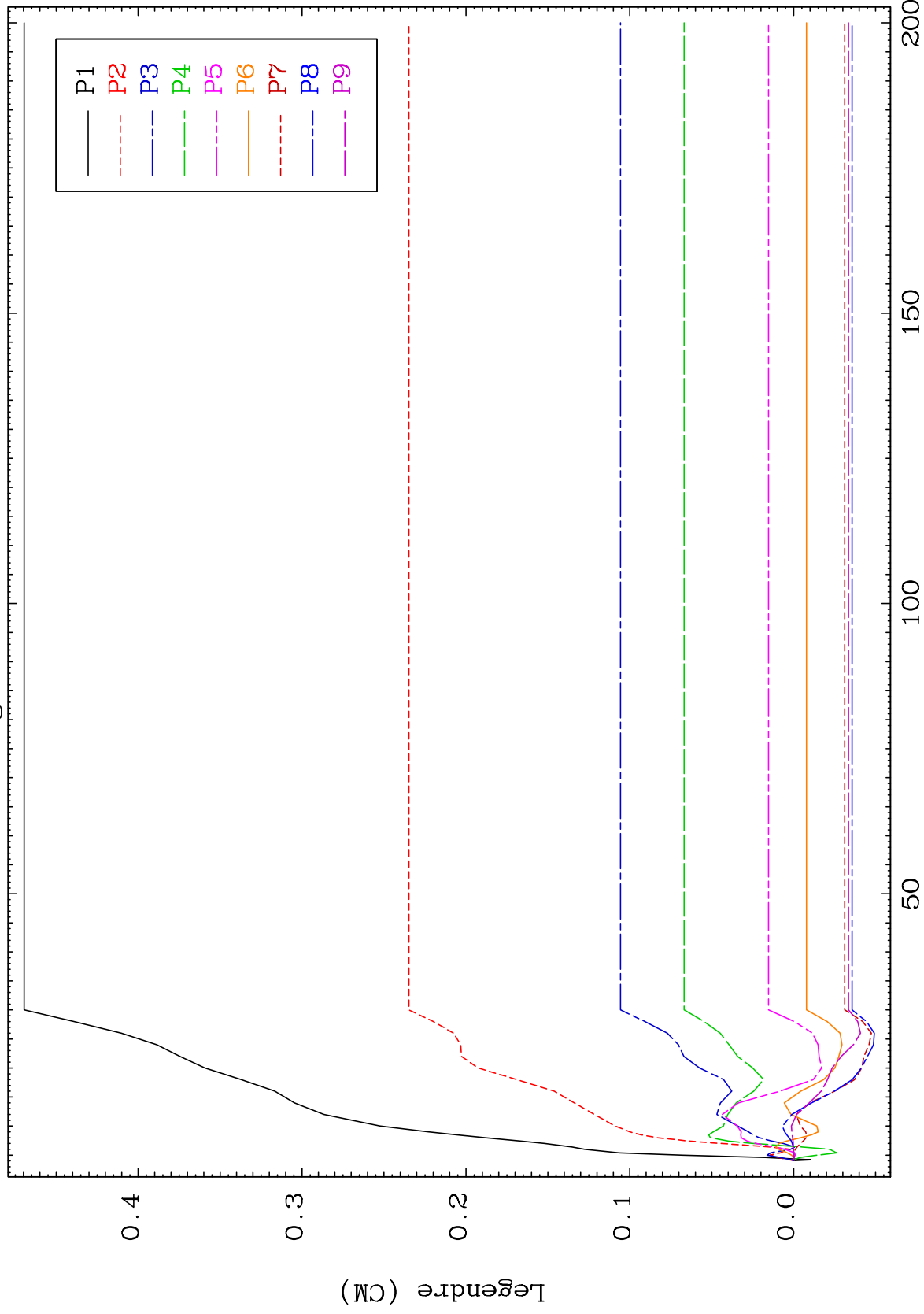
35-Br-87



MAT 3549

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

35-Br-87



46

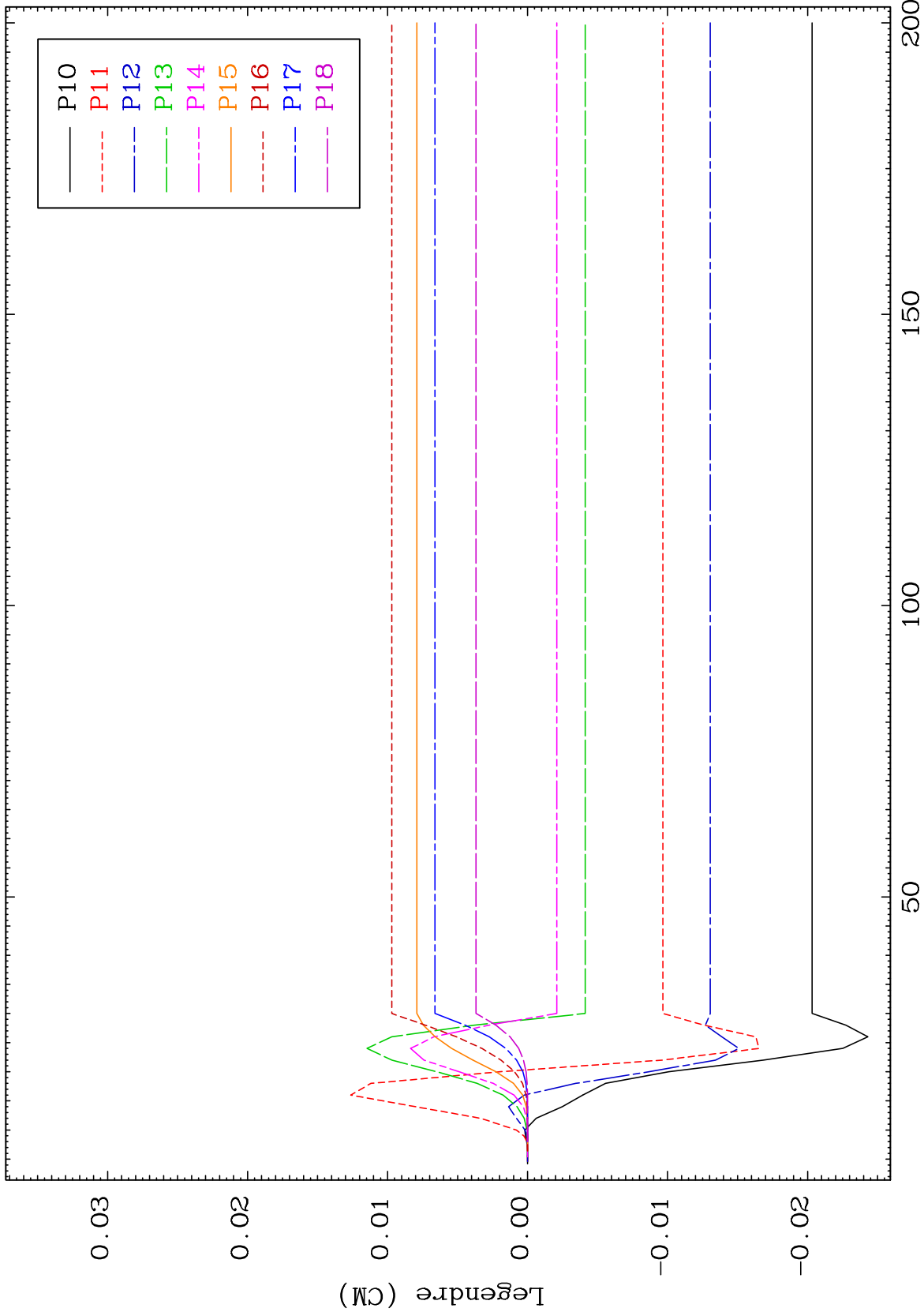
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



47

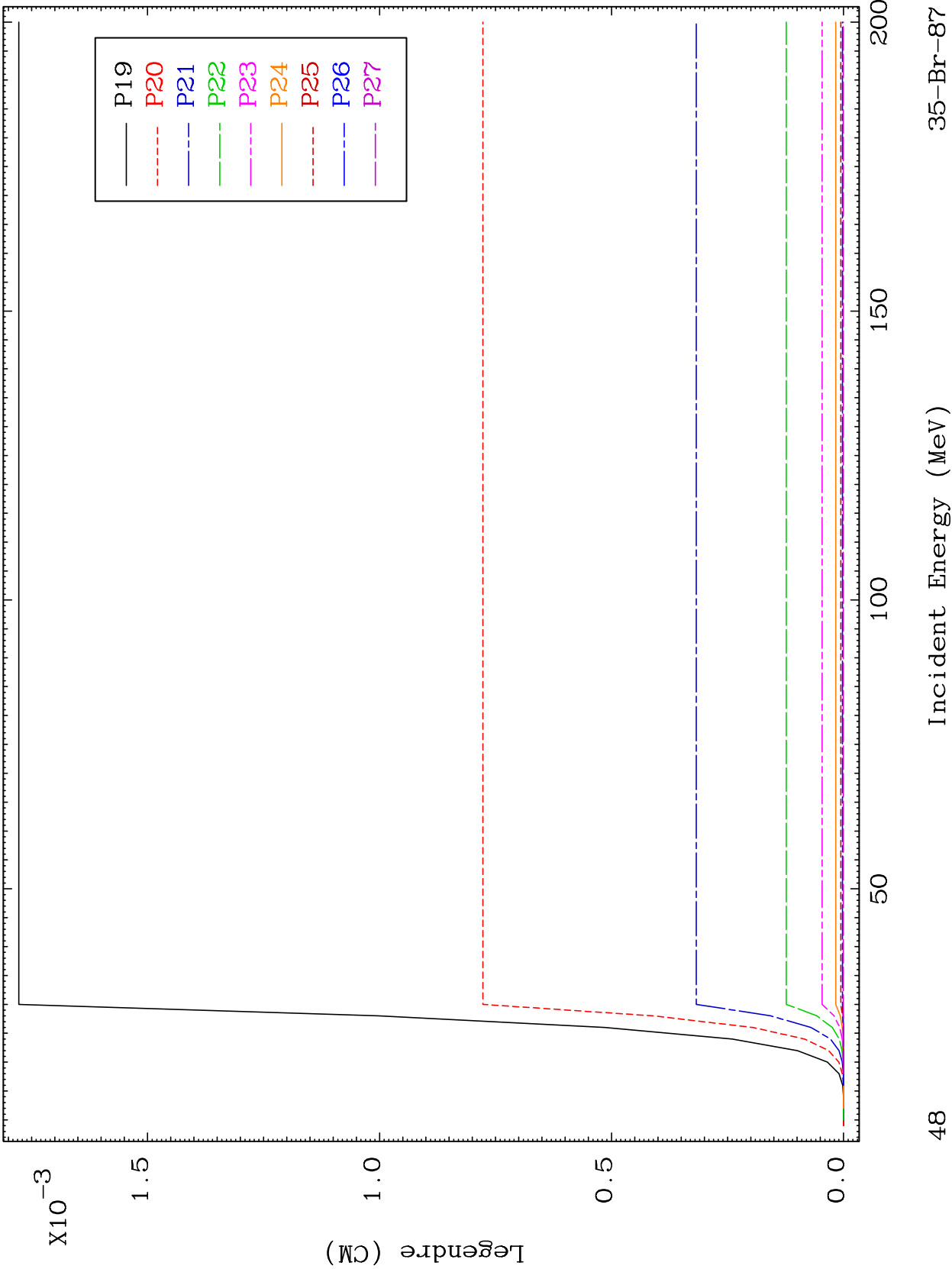
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87



48

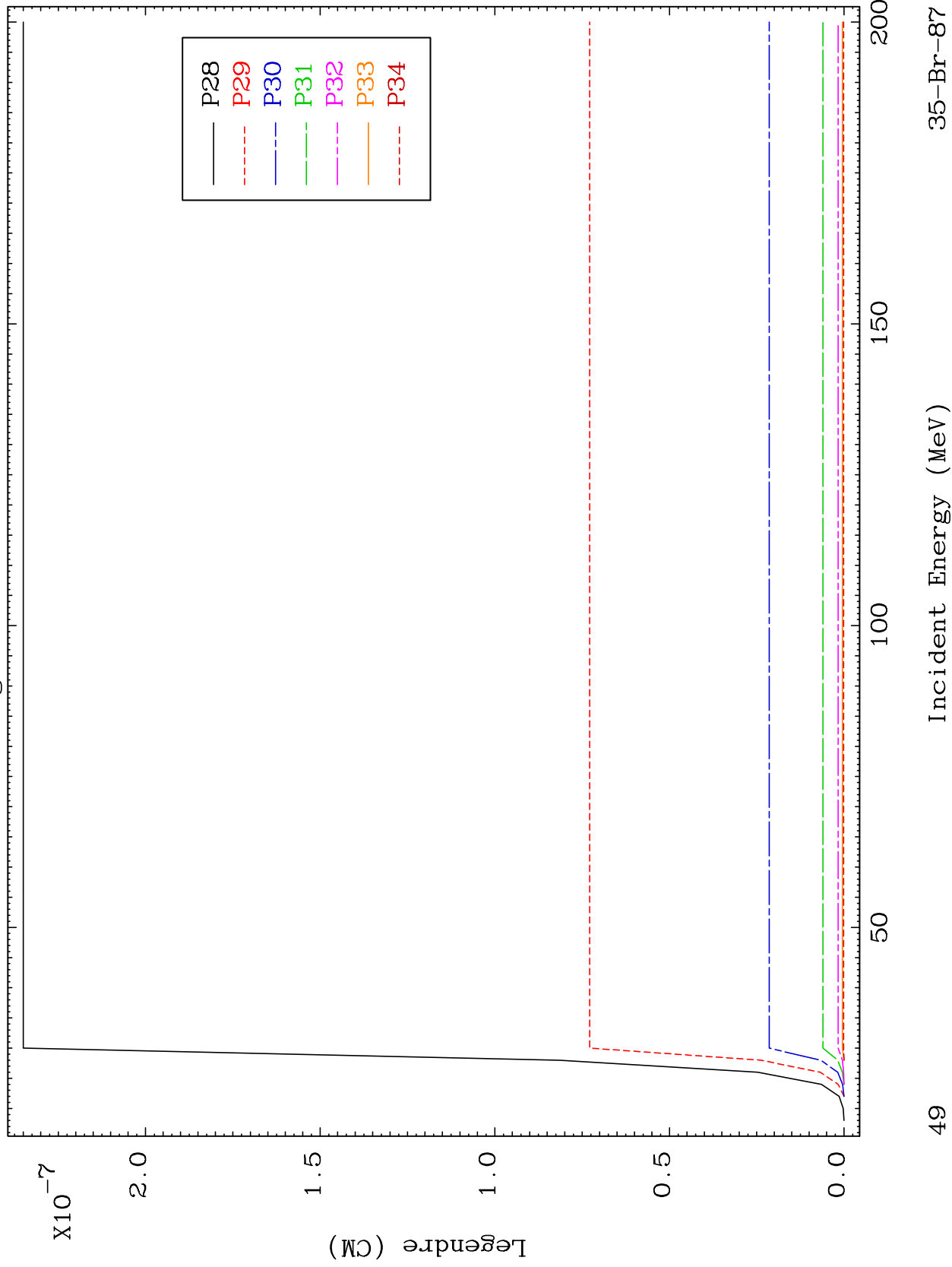
Incident Energy (MeV)

35-Br-87

MAT 3549

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

35-Br-87

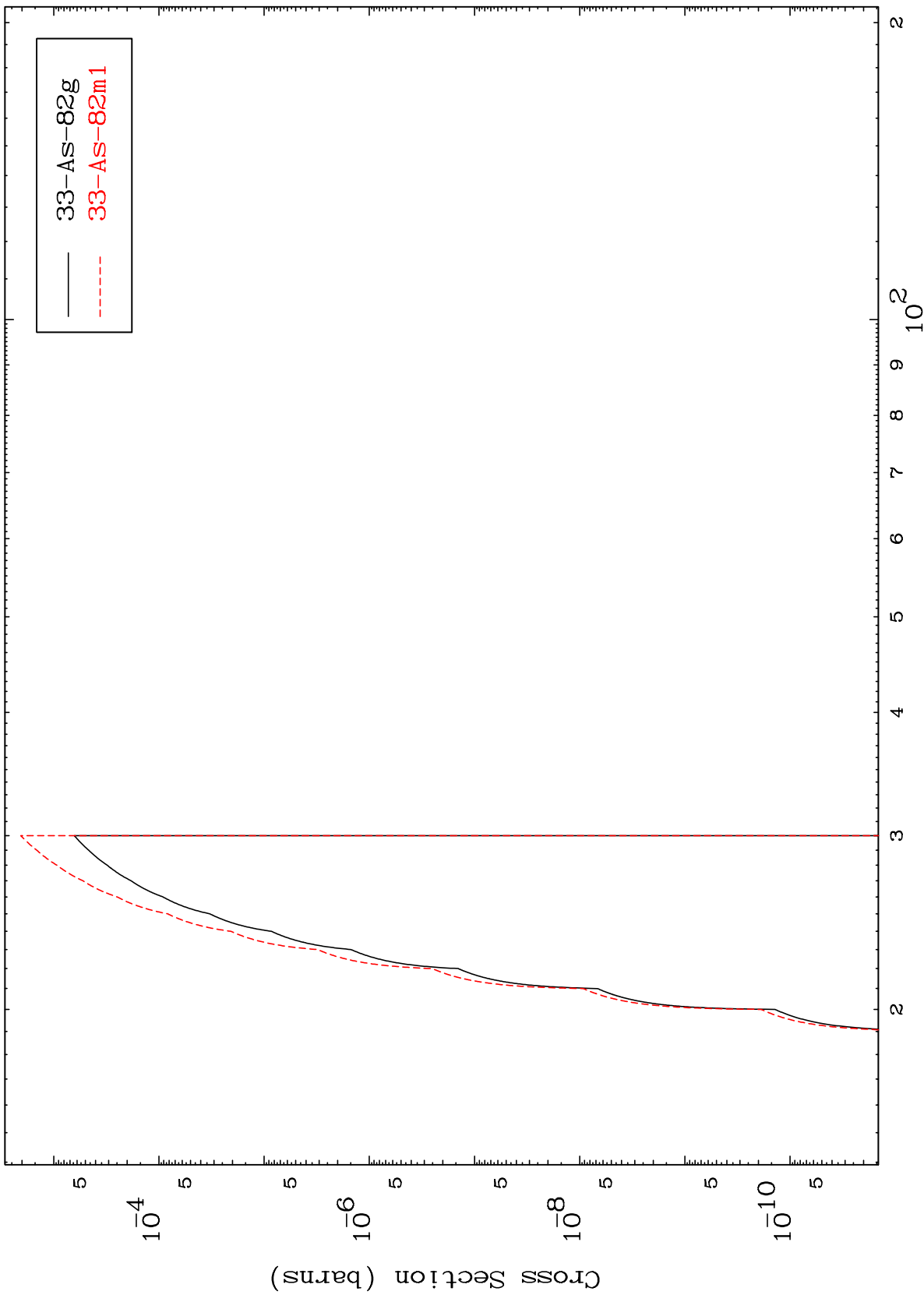


MAT 3549

$(n,2n) \alpha$

$^{35}\text{Br-87}$

Radionuclide Production Cross Section



50

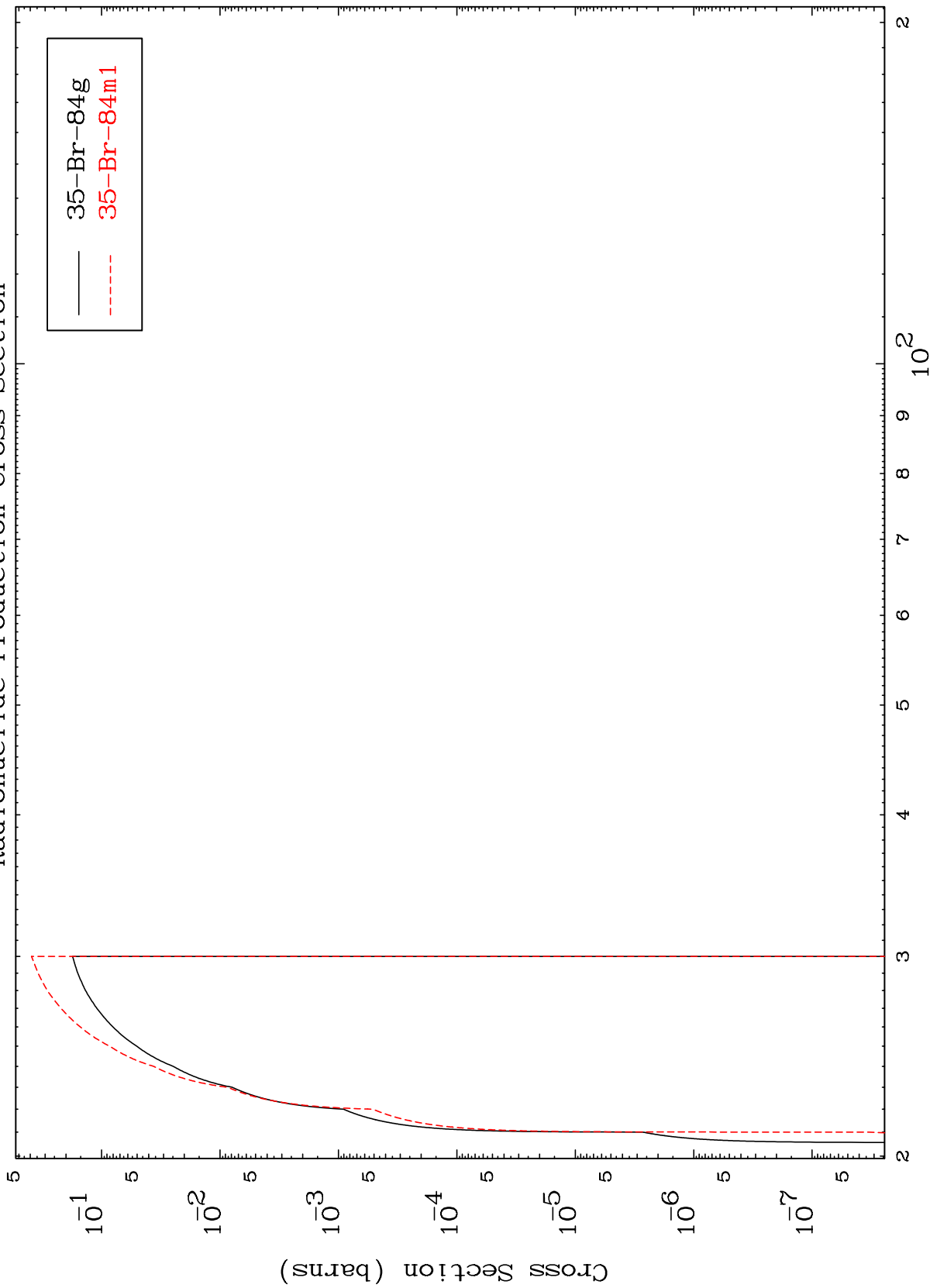
Incident Energy (MeV)

$^{35}\text{Br-87}$

MAT 3549

35-Br-87

(n,4n)
Radionuclide Production Cross Section



35-Br-87

Incident Energy (MeV)

51