

Program EVALPLOT
(Version 2018-1)

by

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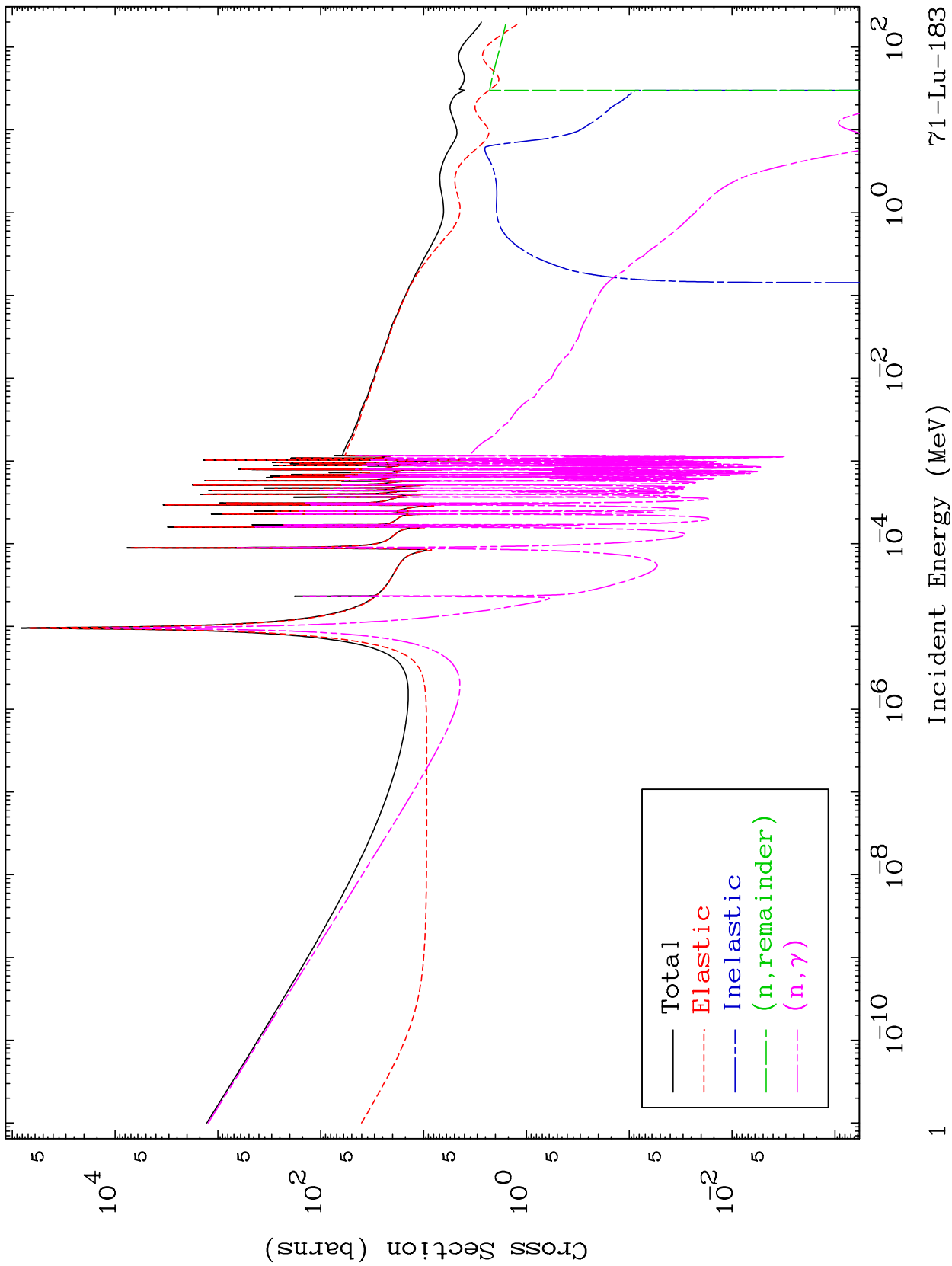
Press Mouse Button to Start

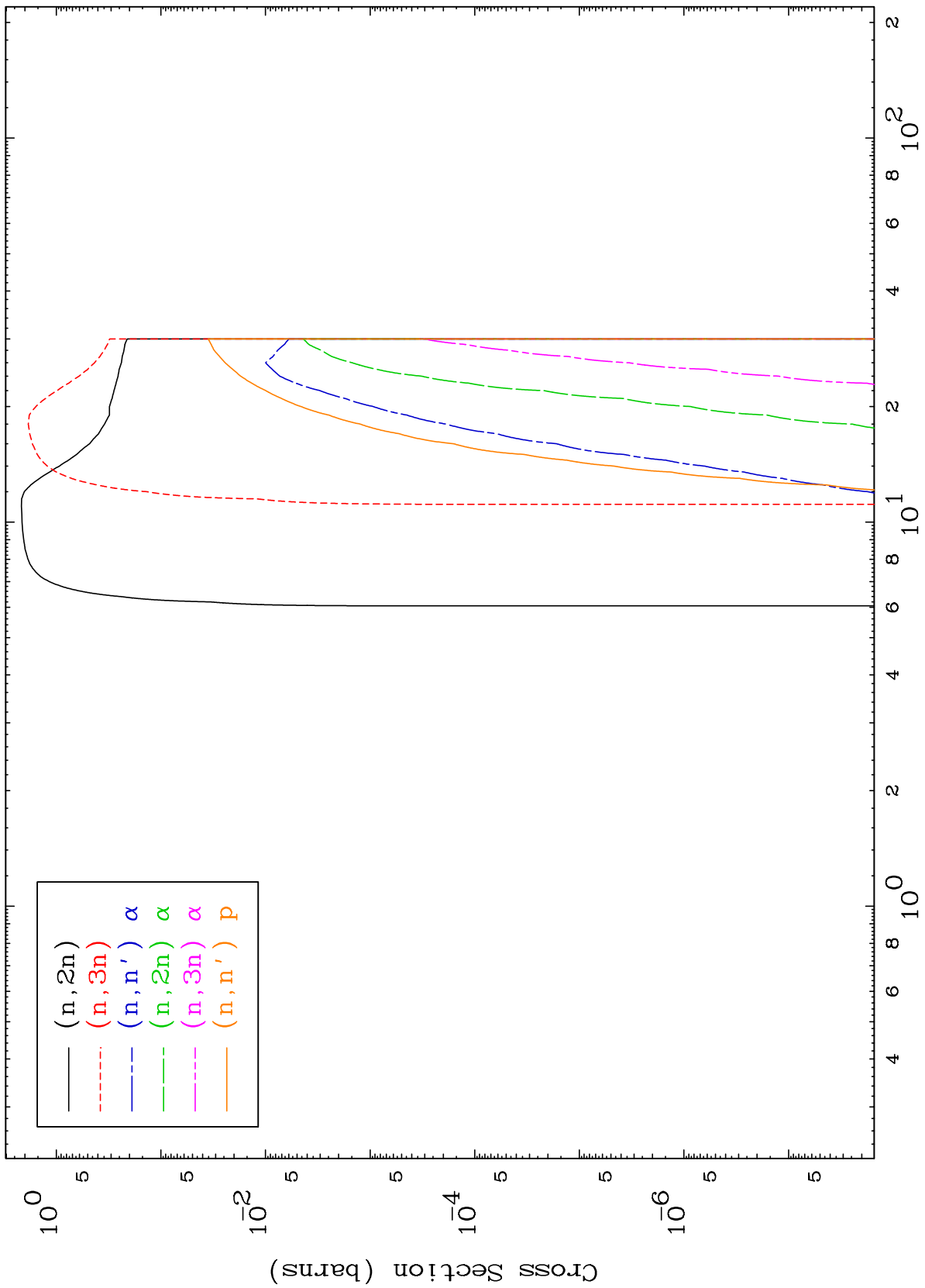
MAT 7149

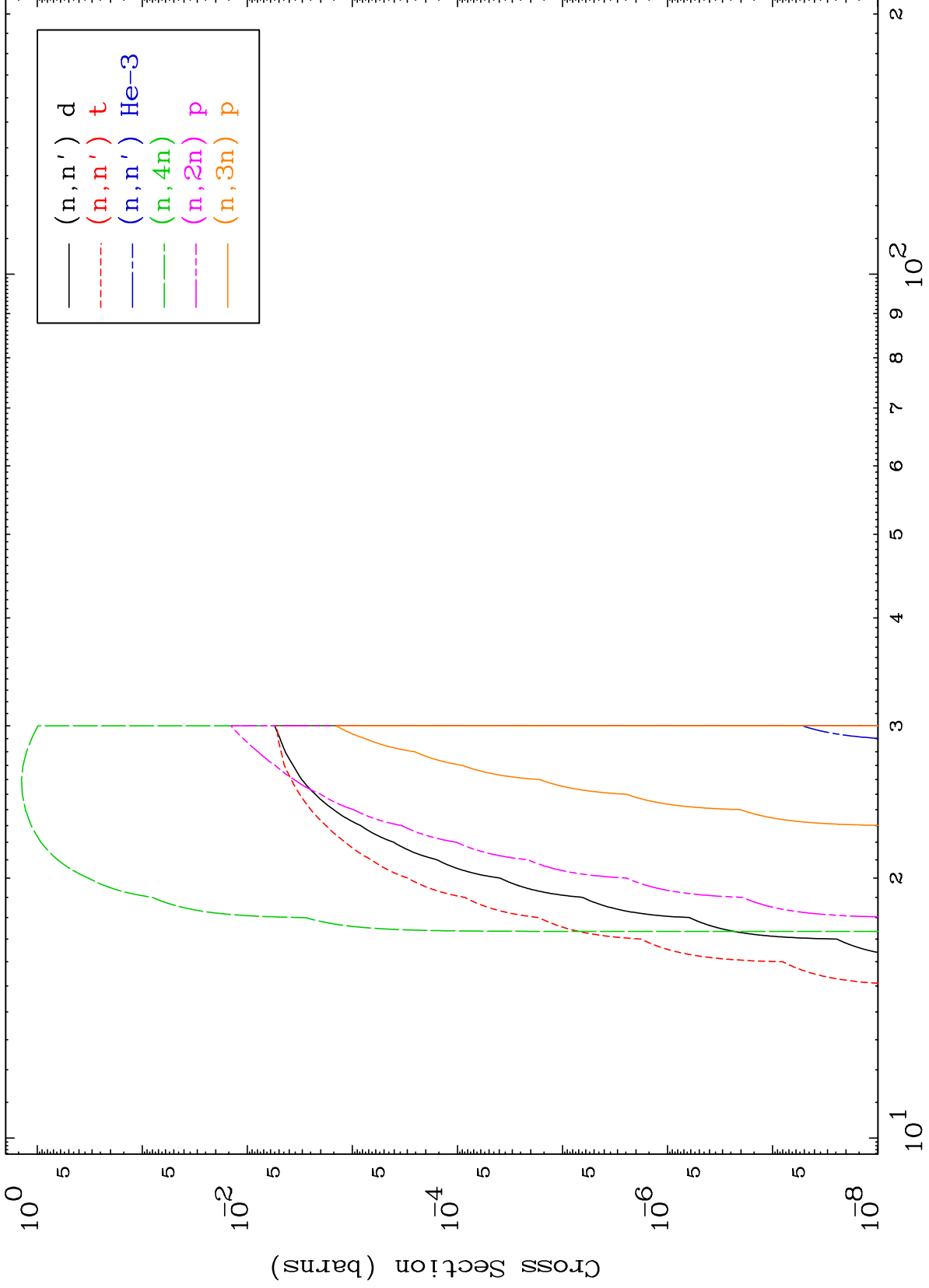
Major

293 Kelvin Cross Sections

71-Lu-183



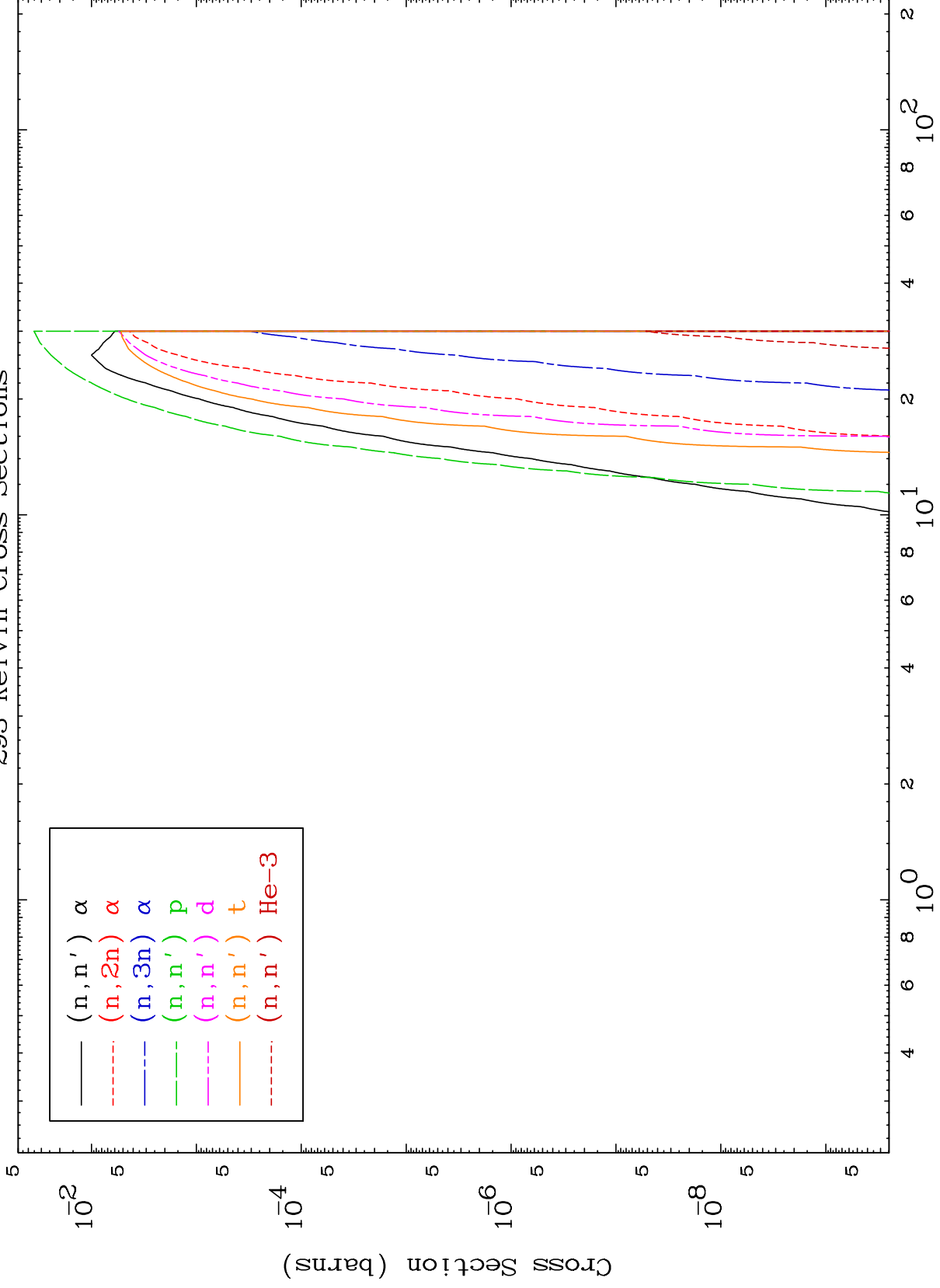




MAT 7149

Charged Particle
293 Kelvin Cross Sections

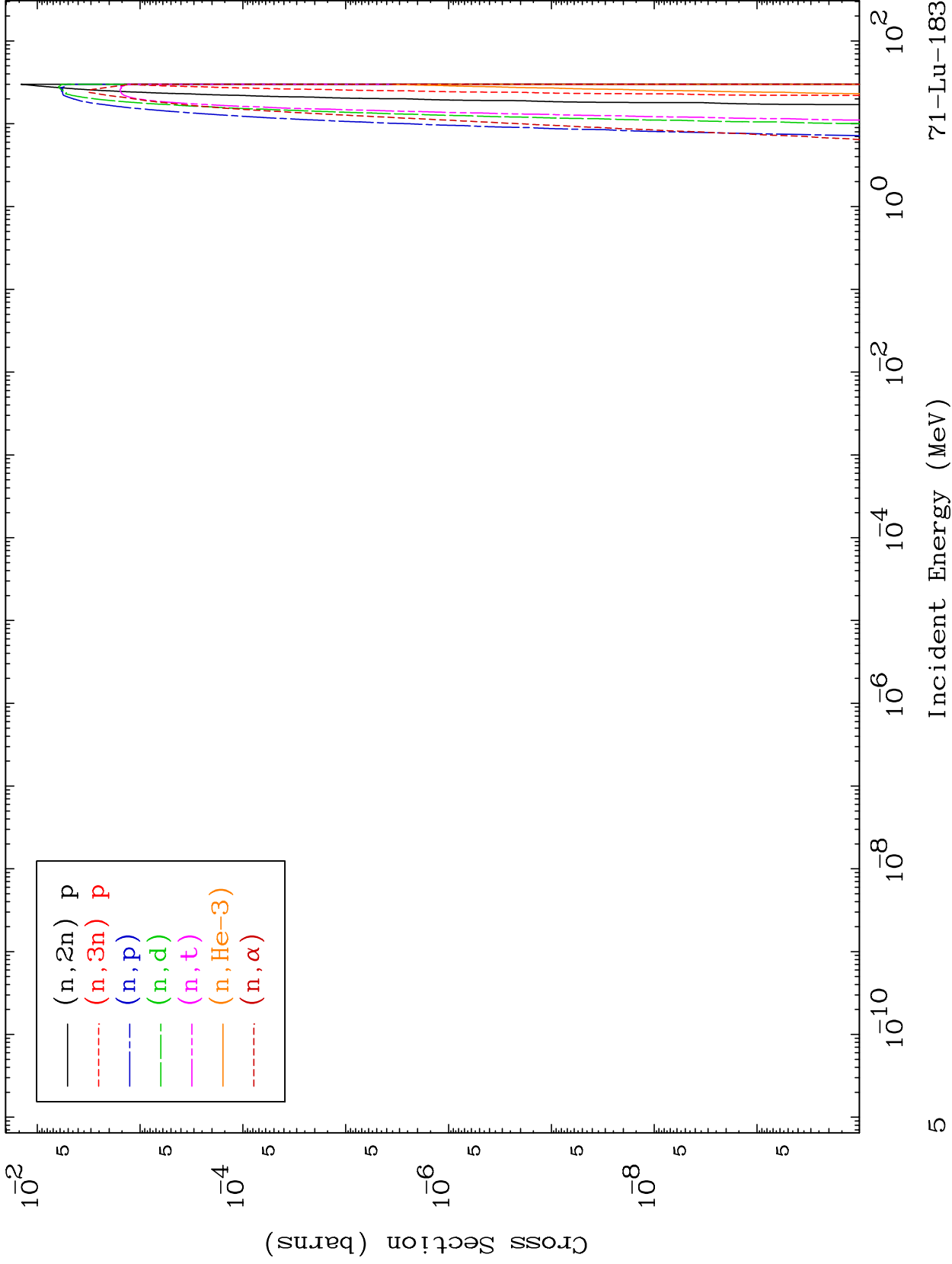
71-Lu-183



MAT 7149

Charged Particle
293 Kelvin Cross Sections

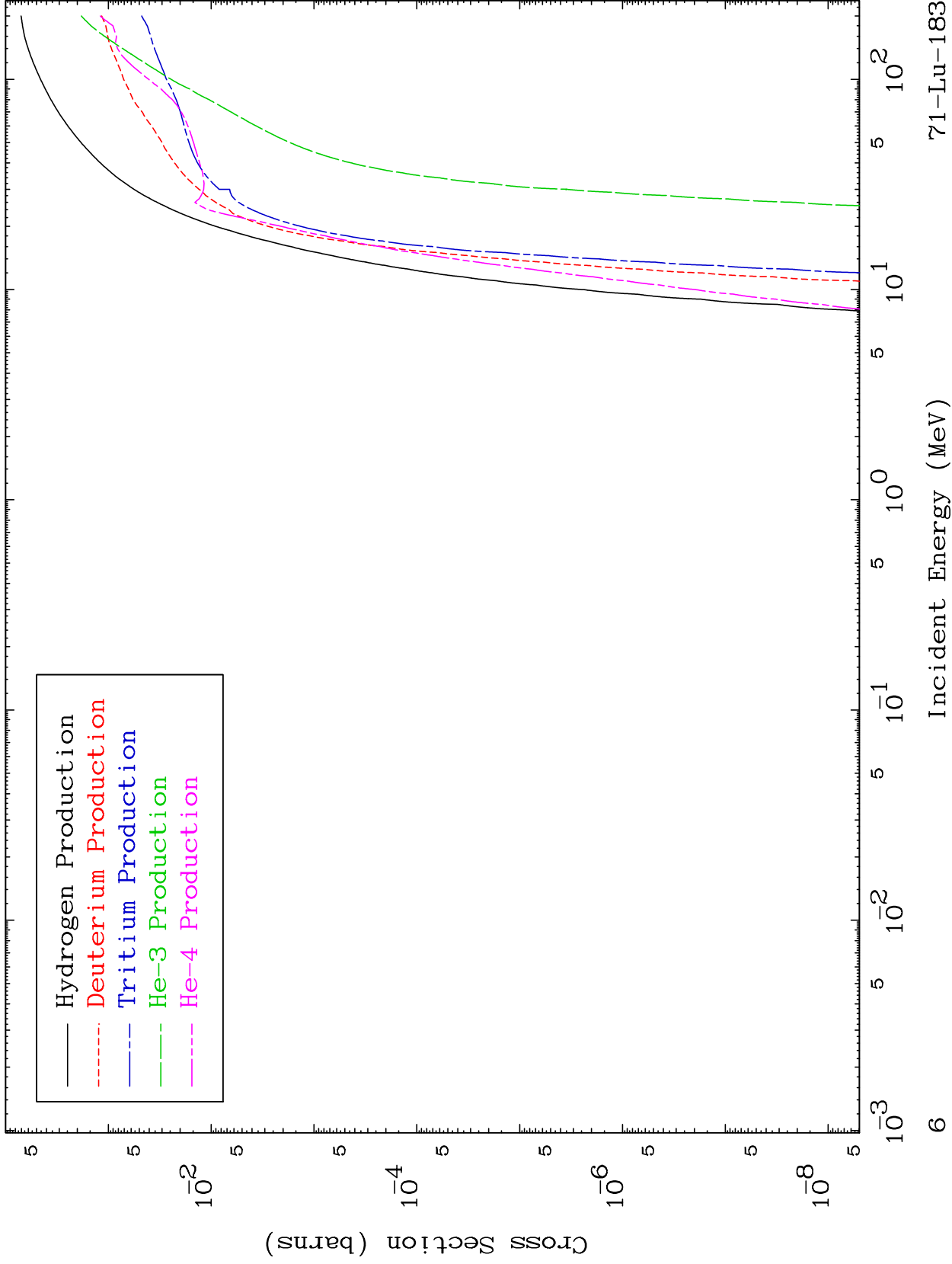
71-Lu-183



MAT 7149

Particle Production
293 Kelvin Cross Sections

71-Lu-183



71-Lu-183

Incident Energy (MeV)

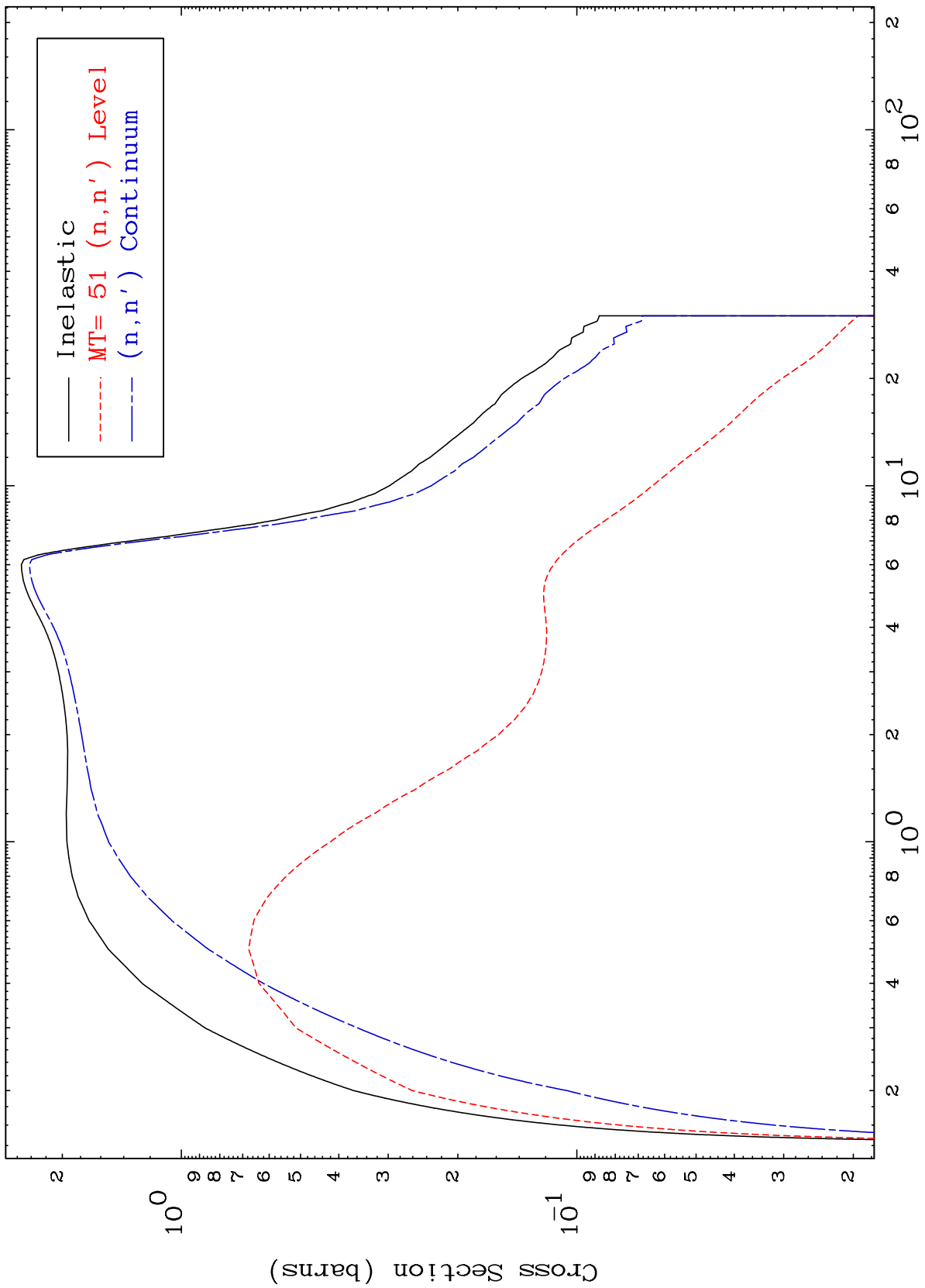
6

MAT 7149

(n,n') Level

71-Lu-183

293 Kelvin Cross Sections



7

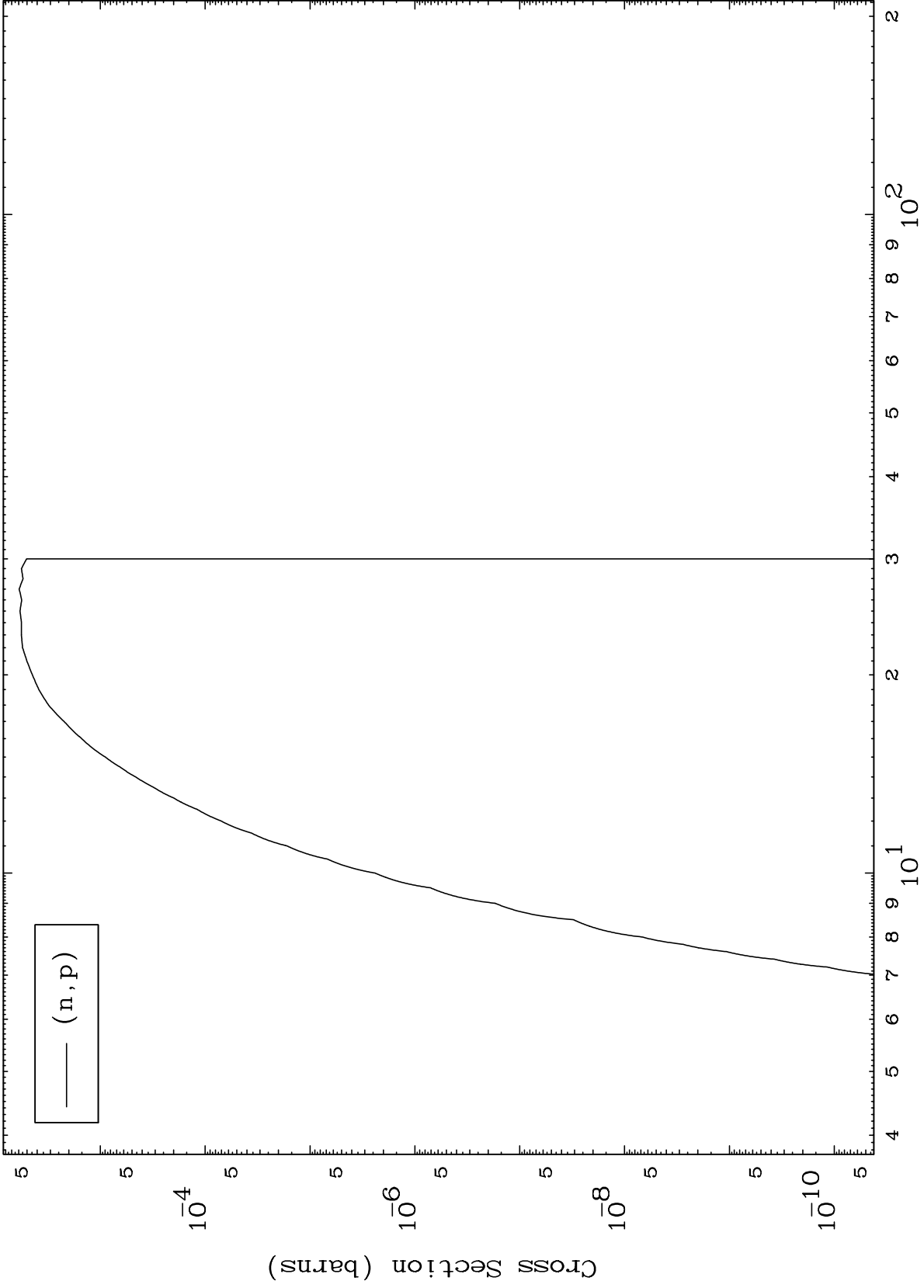
Incident Energy (MeV)

71-Lu-183

MAT 7149

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-183



8

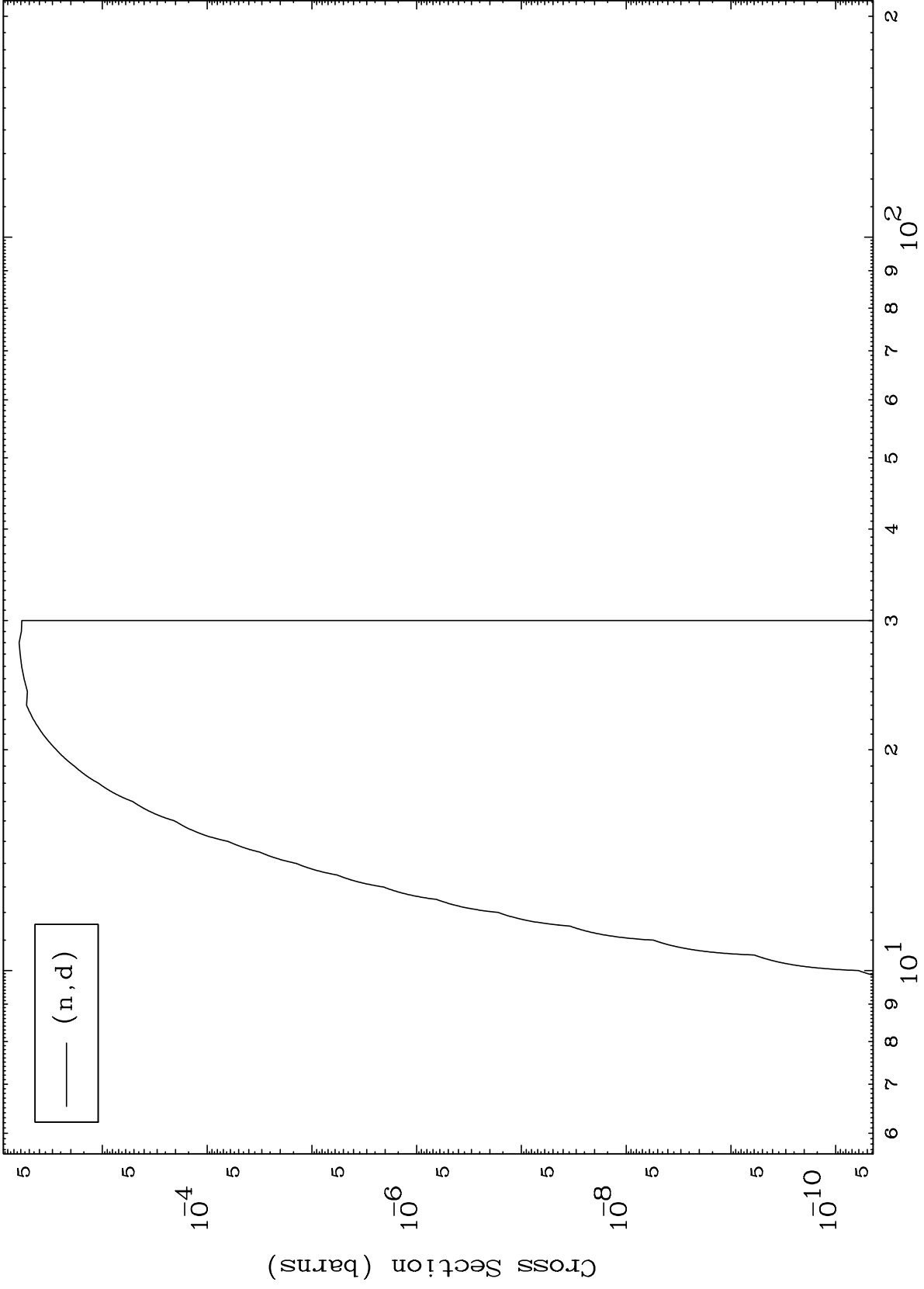
Incident Energy (MeV)

71-Lu-183

MAT 7149

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-183



9

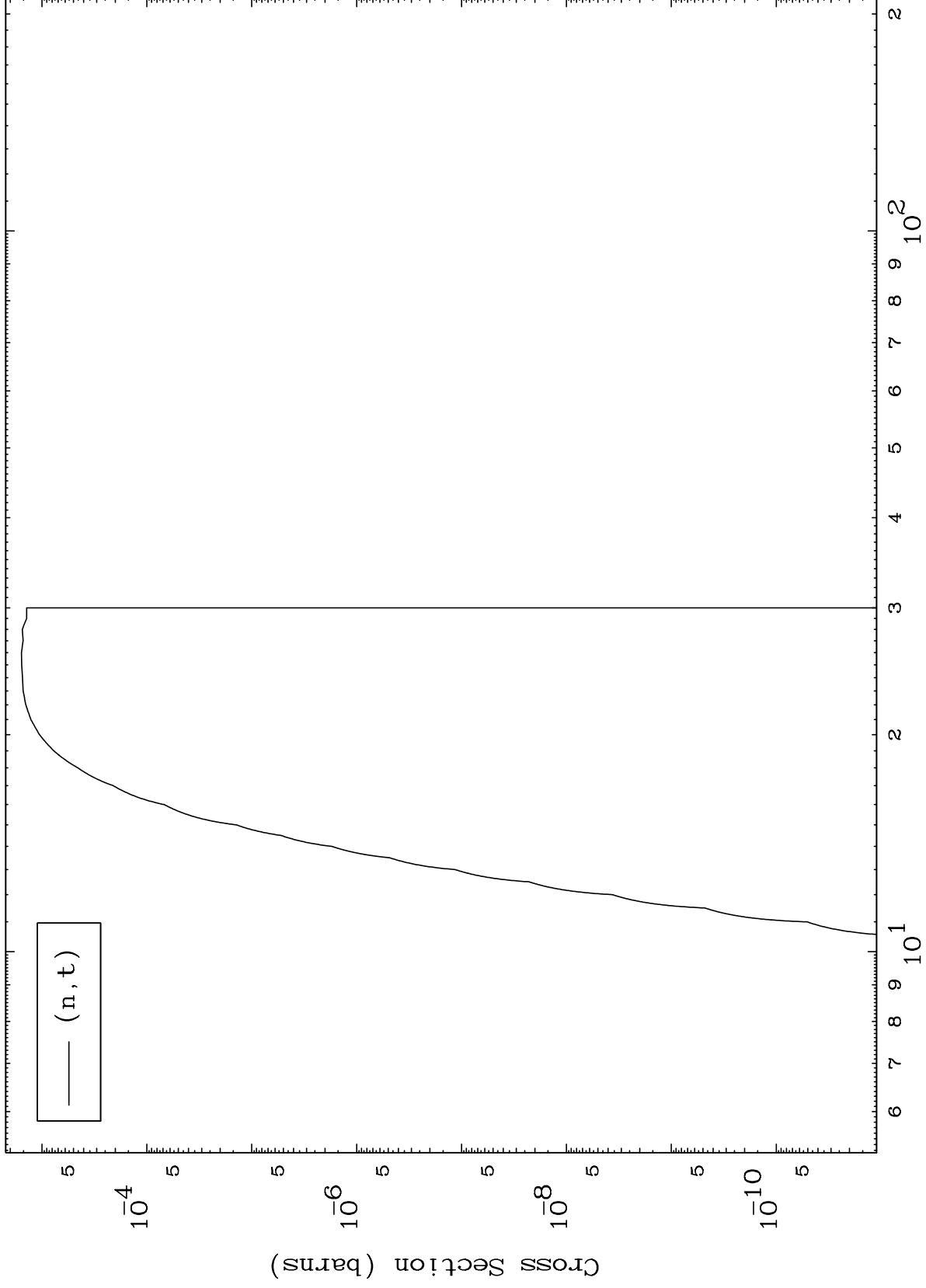
Incident Energy (MeV)

71-Lu-183

MAT 7149

(n,t) Levels
293 Kelvin Cross Sections

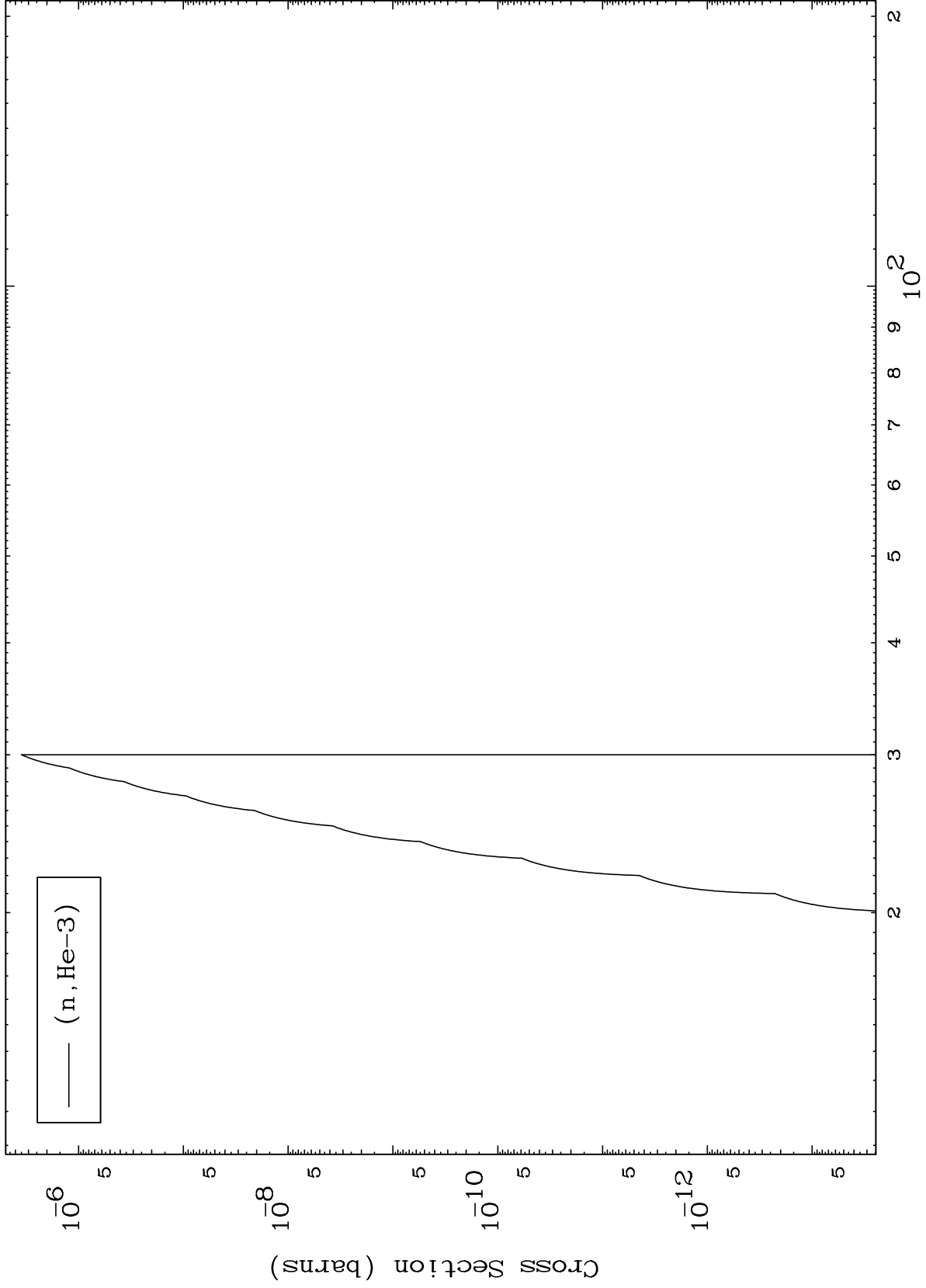
71-Lu-183



10

Incident Energy (MeV)

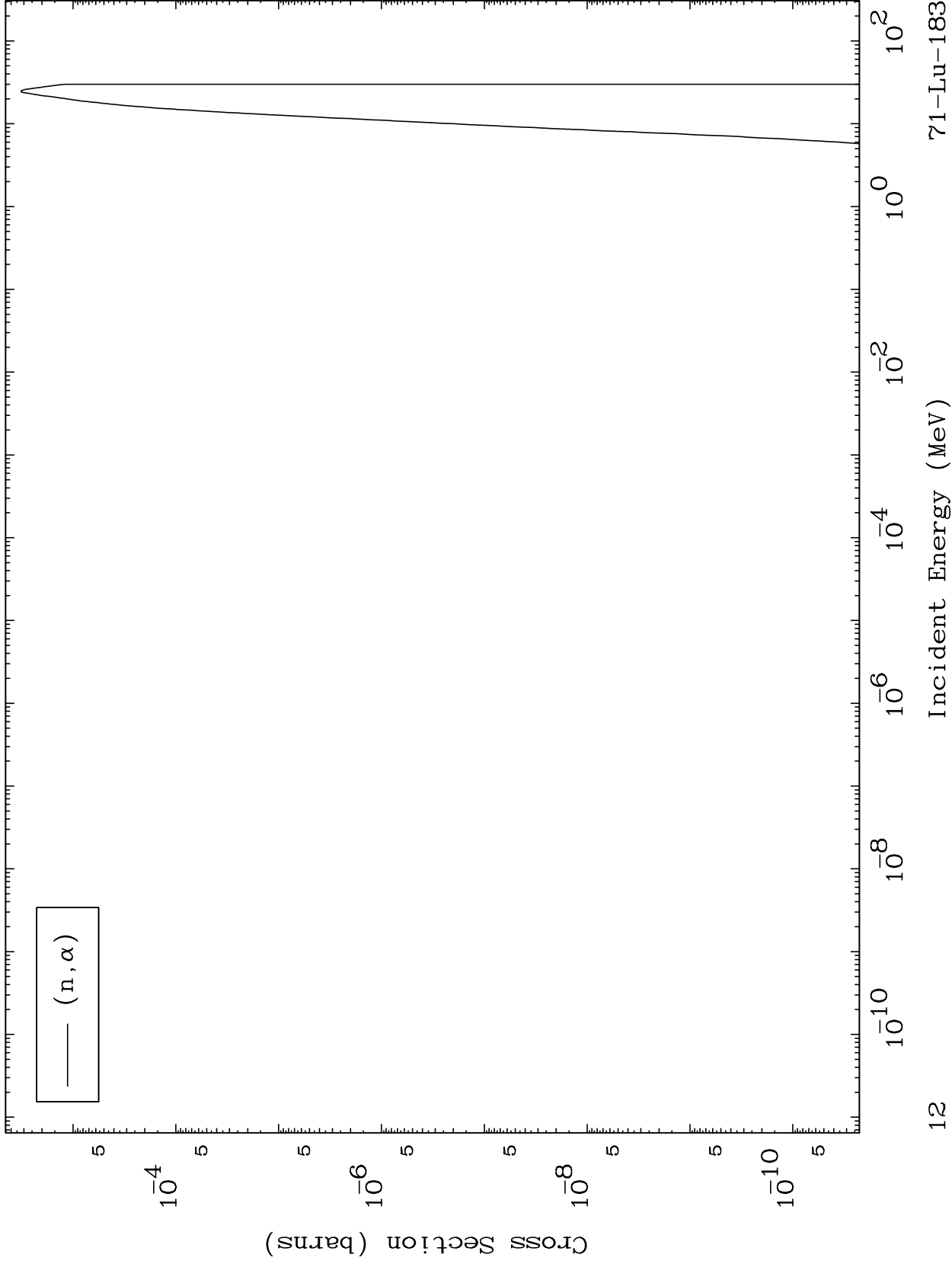
71-Lu-183



MAT 7149

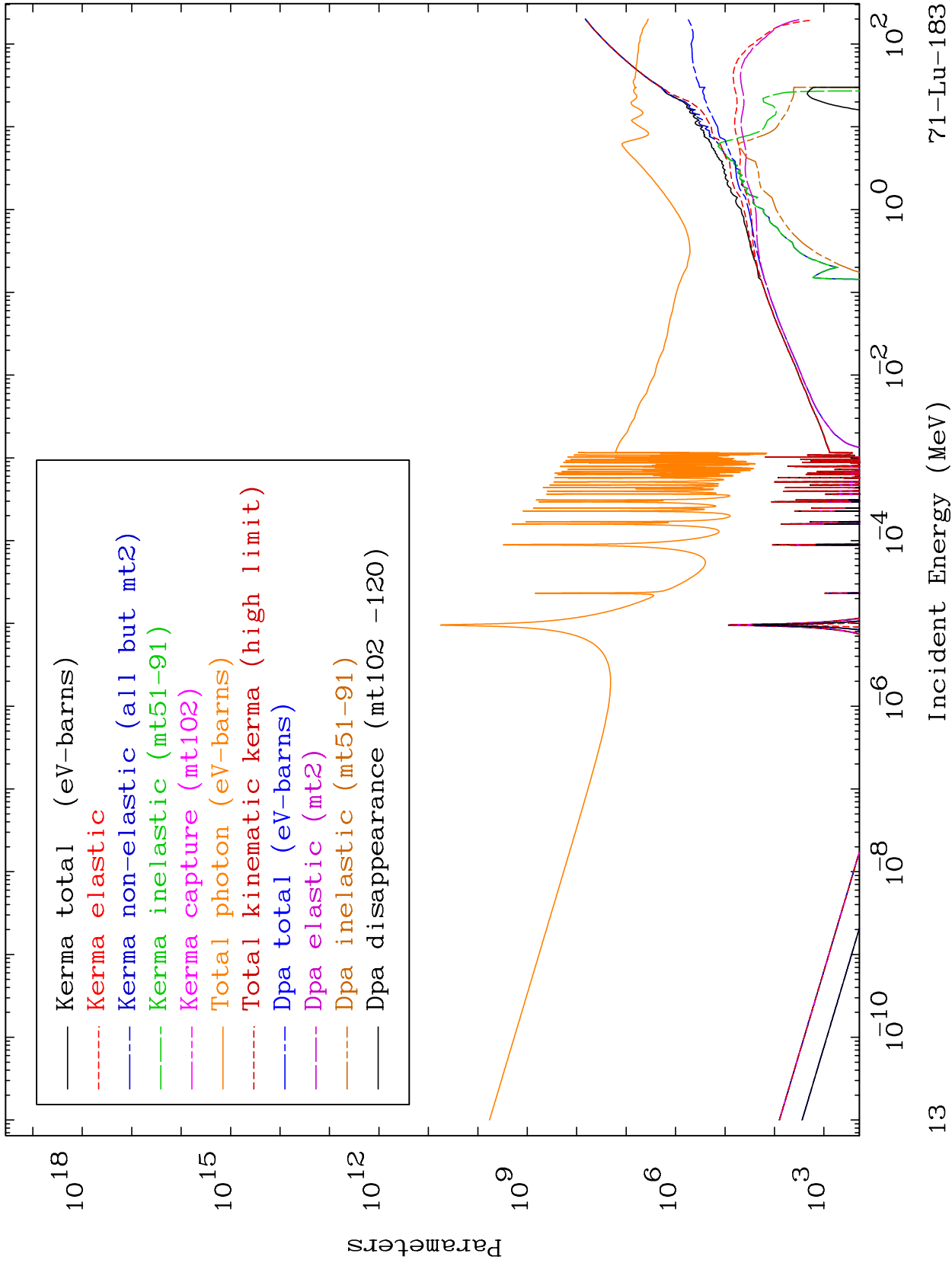
(n, α) Levels
293 Kelvin Cross Sections

71-Lu-183



12

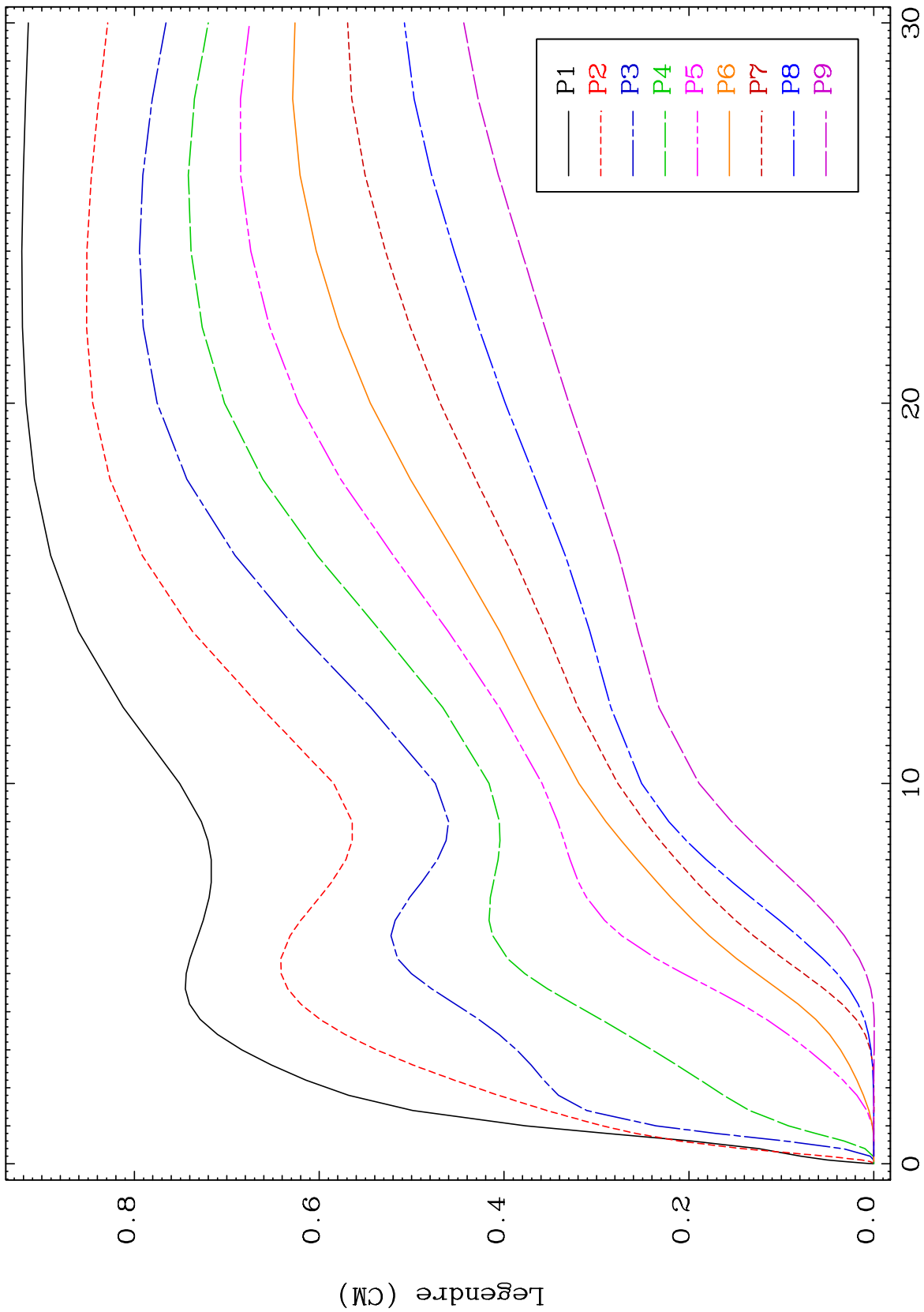
71-Lu-183



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71-Lu-183

Elastic Legendre Coefficients



71-Lu-183

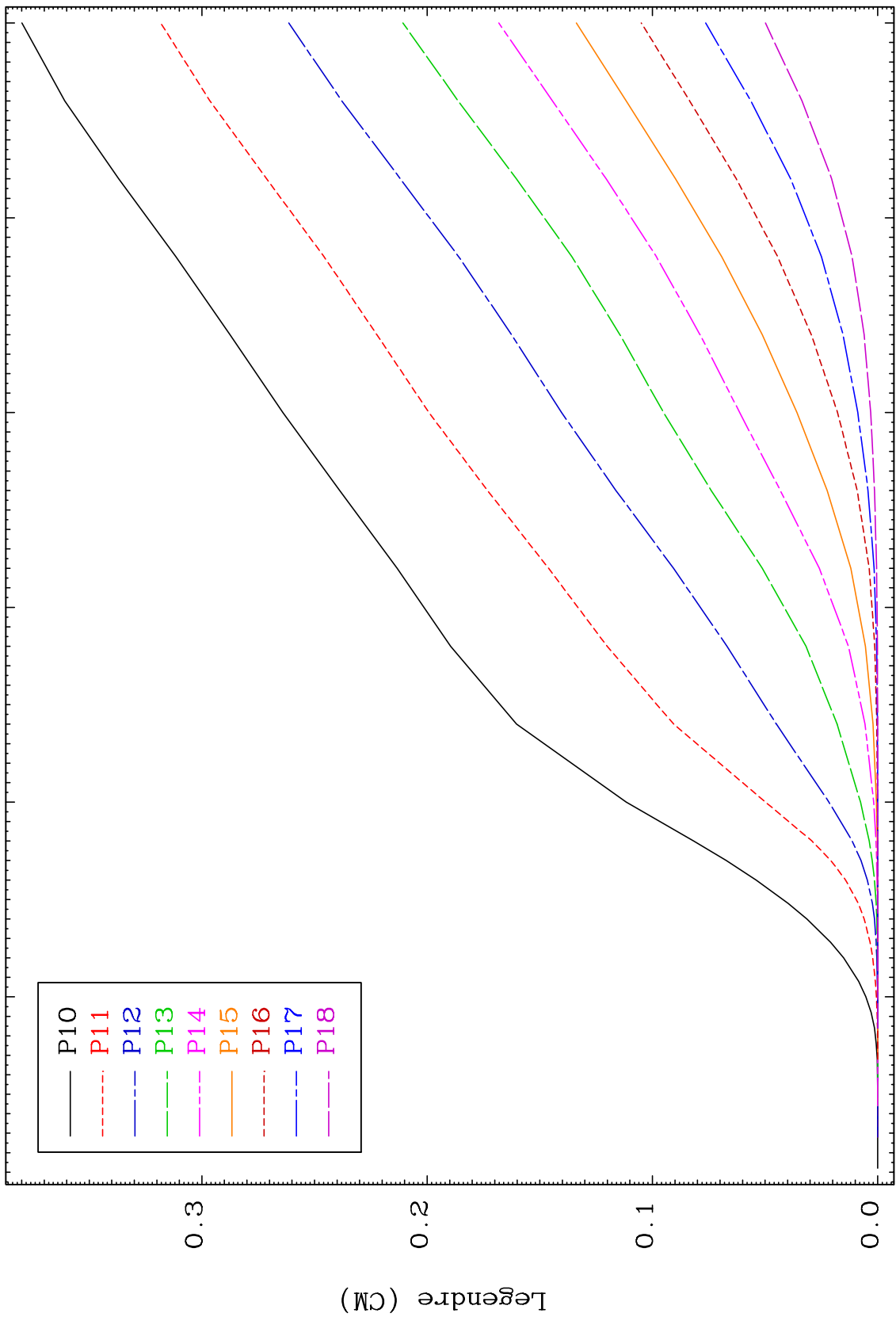
Incident Energy (MeV)

14

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Elastic Legendre Coefficients

⁷¹Lu-183

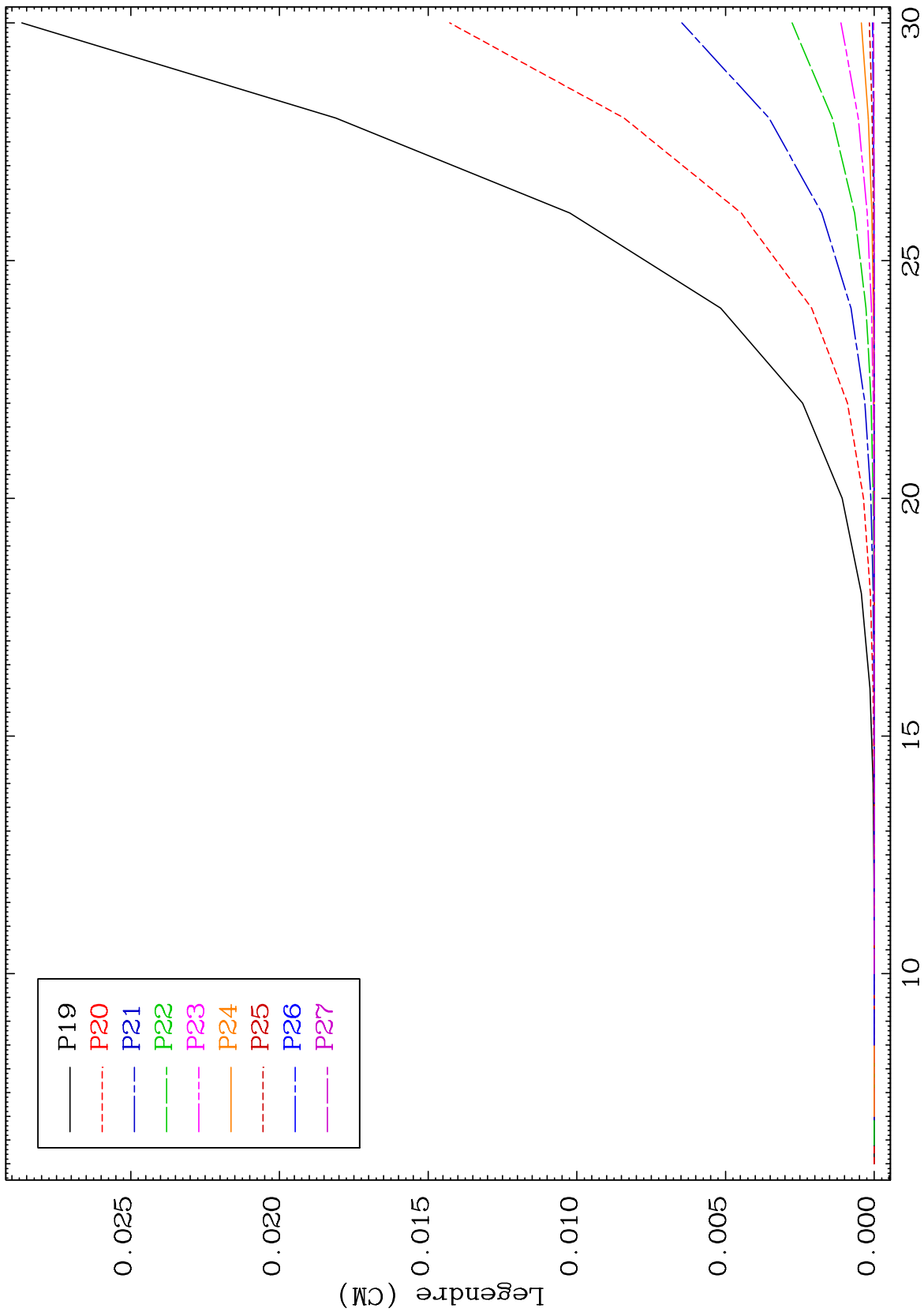


15

Incident Energy (MeV)

⁷¹Lu-183

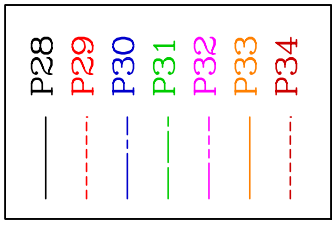
Elastic Legendre Coefficients



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Elastic
Legendre Coefficients

71-Lu-183



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

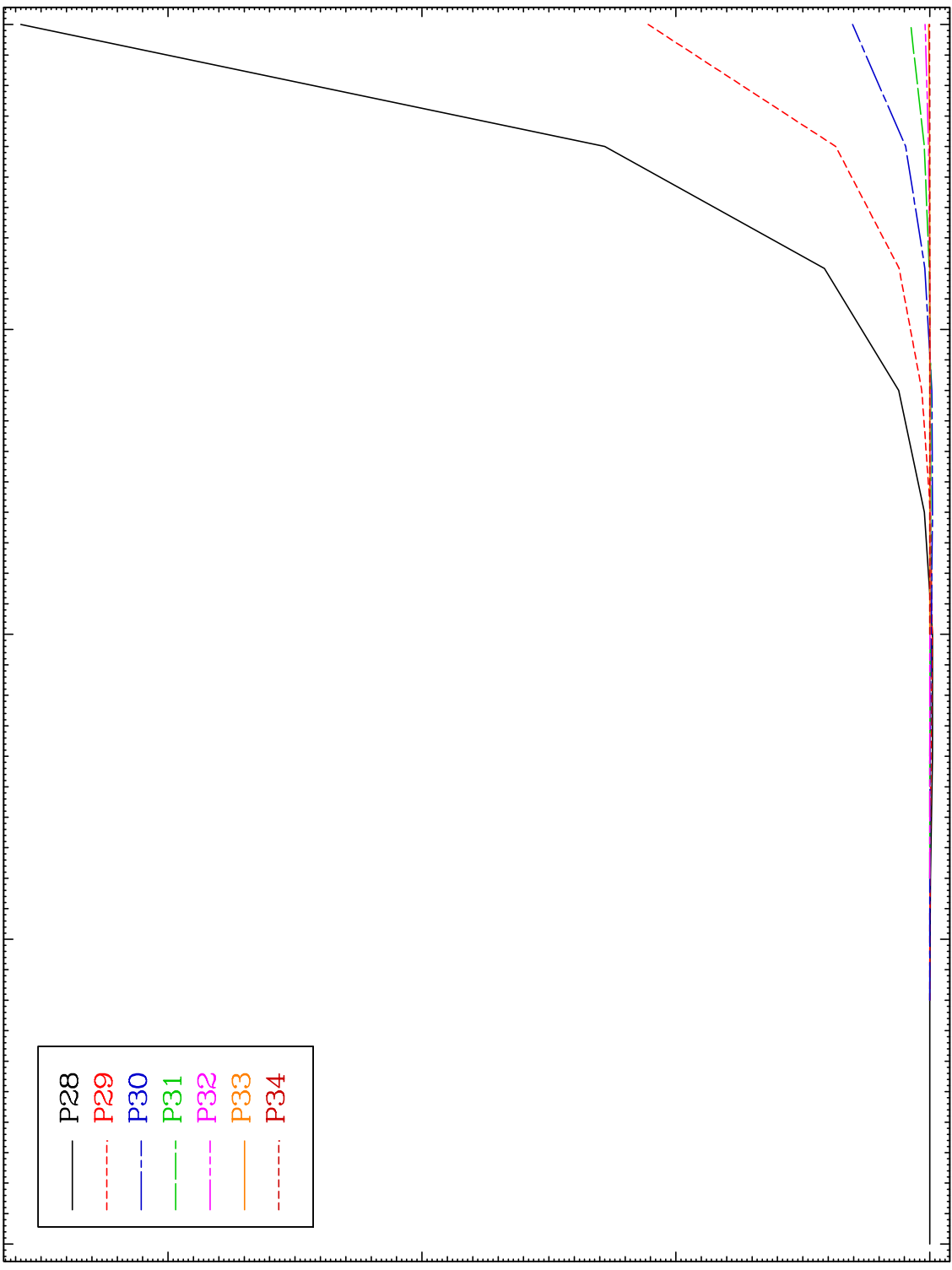
25

30

17

Incident Energy (MeV)

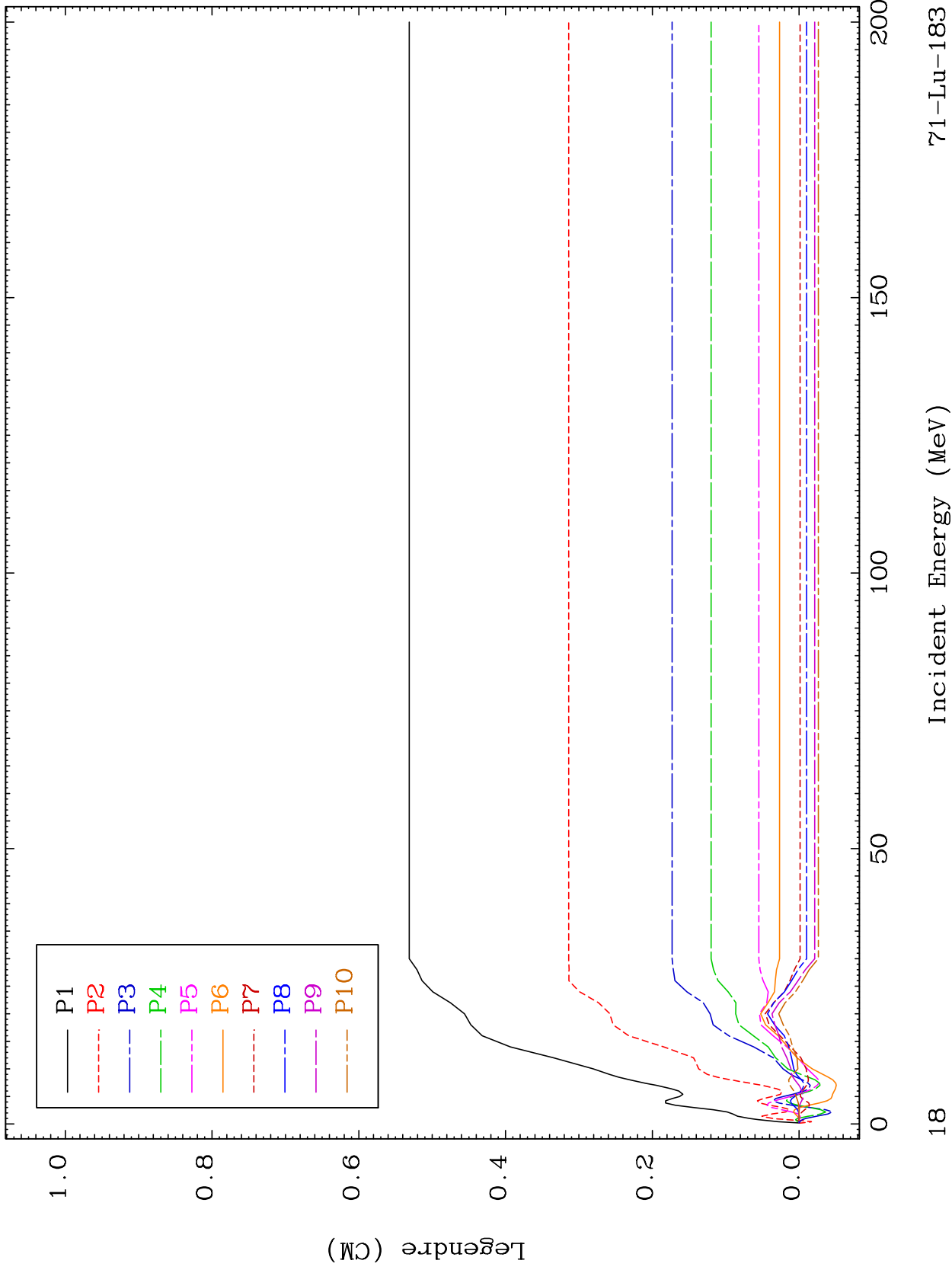
71-Lu-183



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

71-Lu-183



71-Lu-183

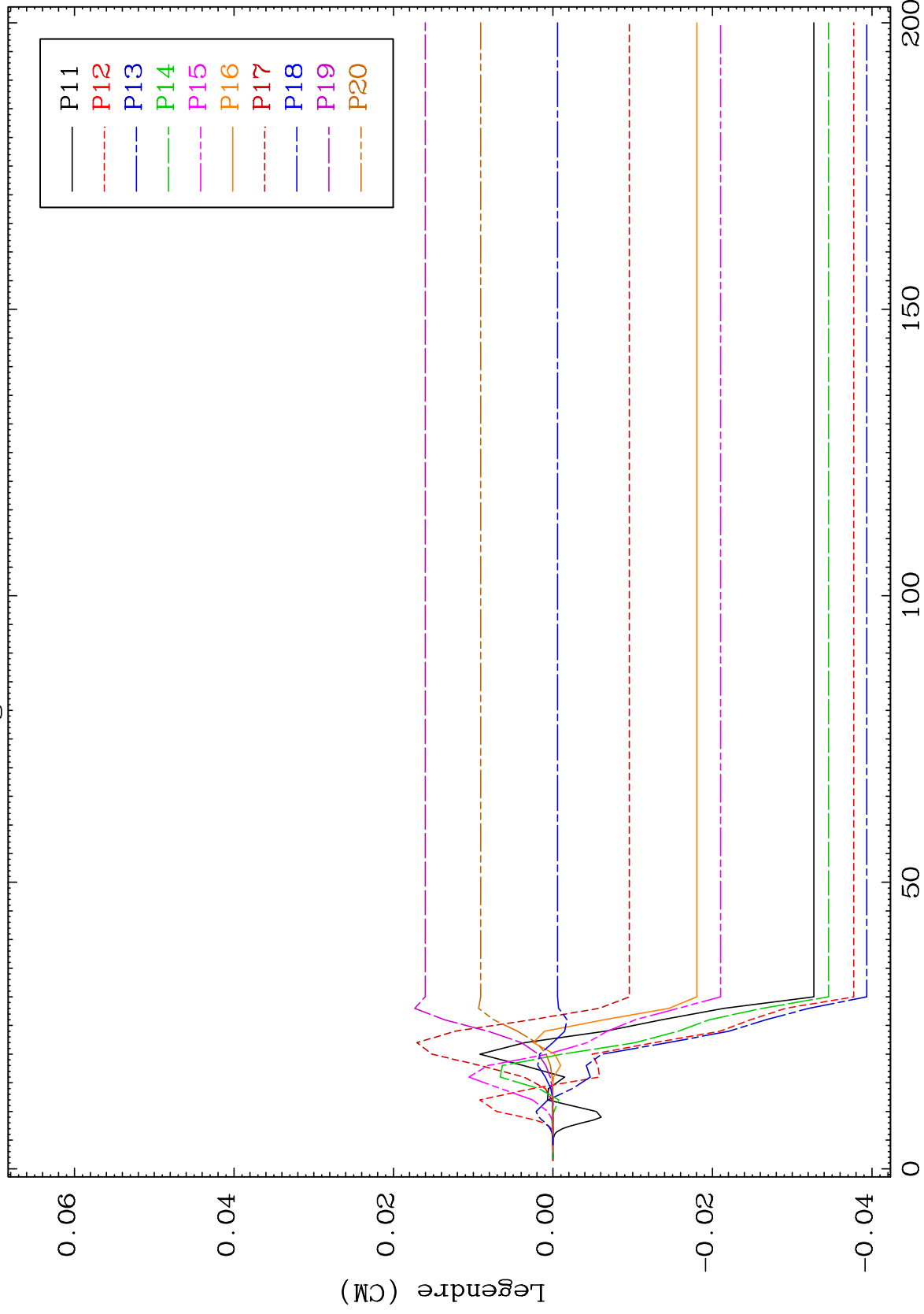
Incident Energy (MeV)

18

MAT 7149

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

71-Lu-183



19

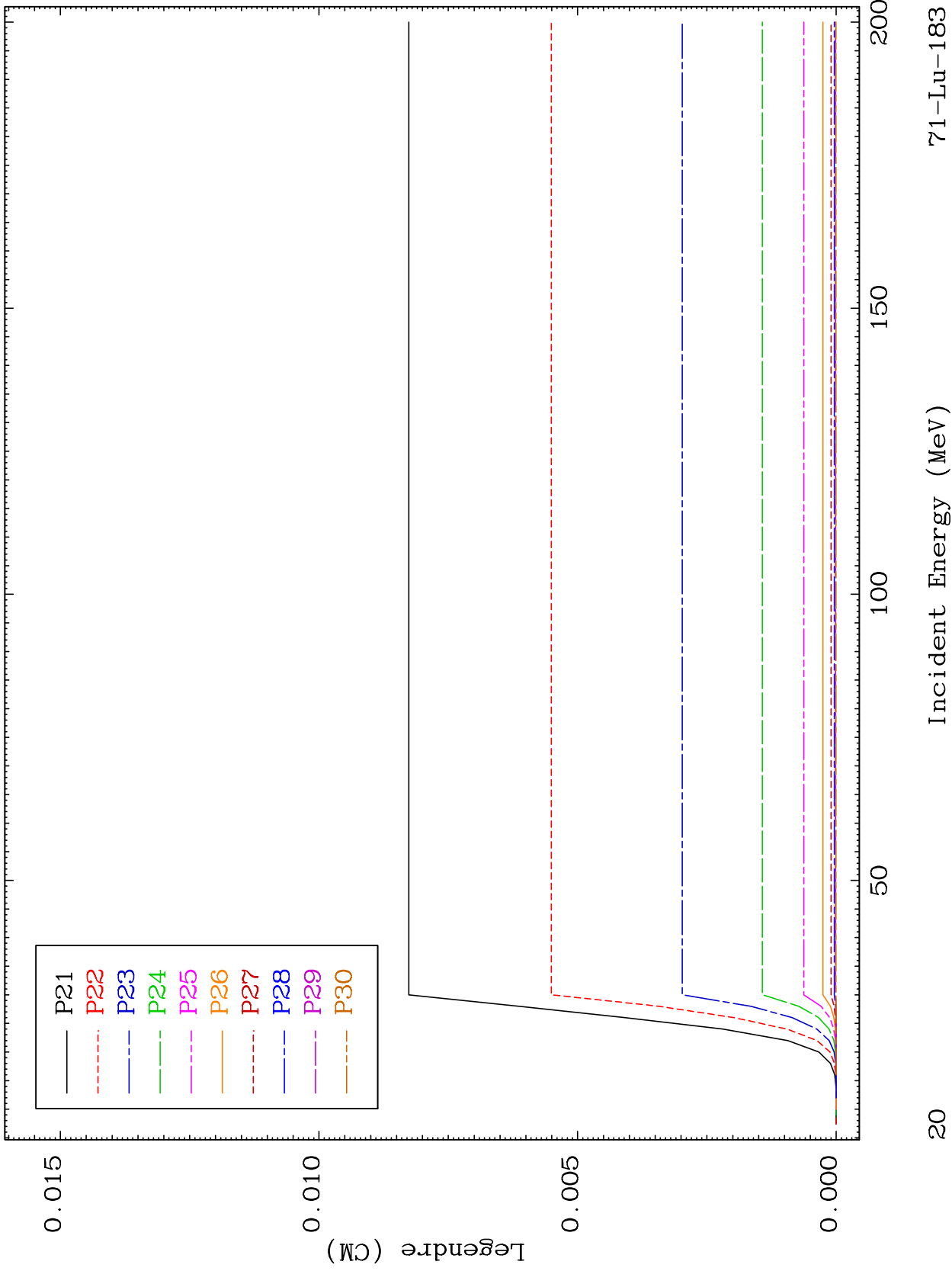
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



20

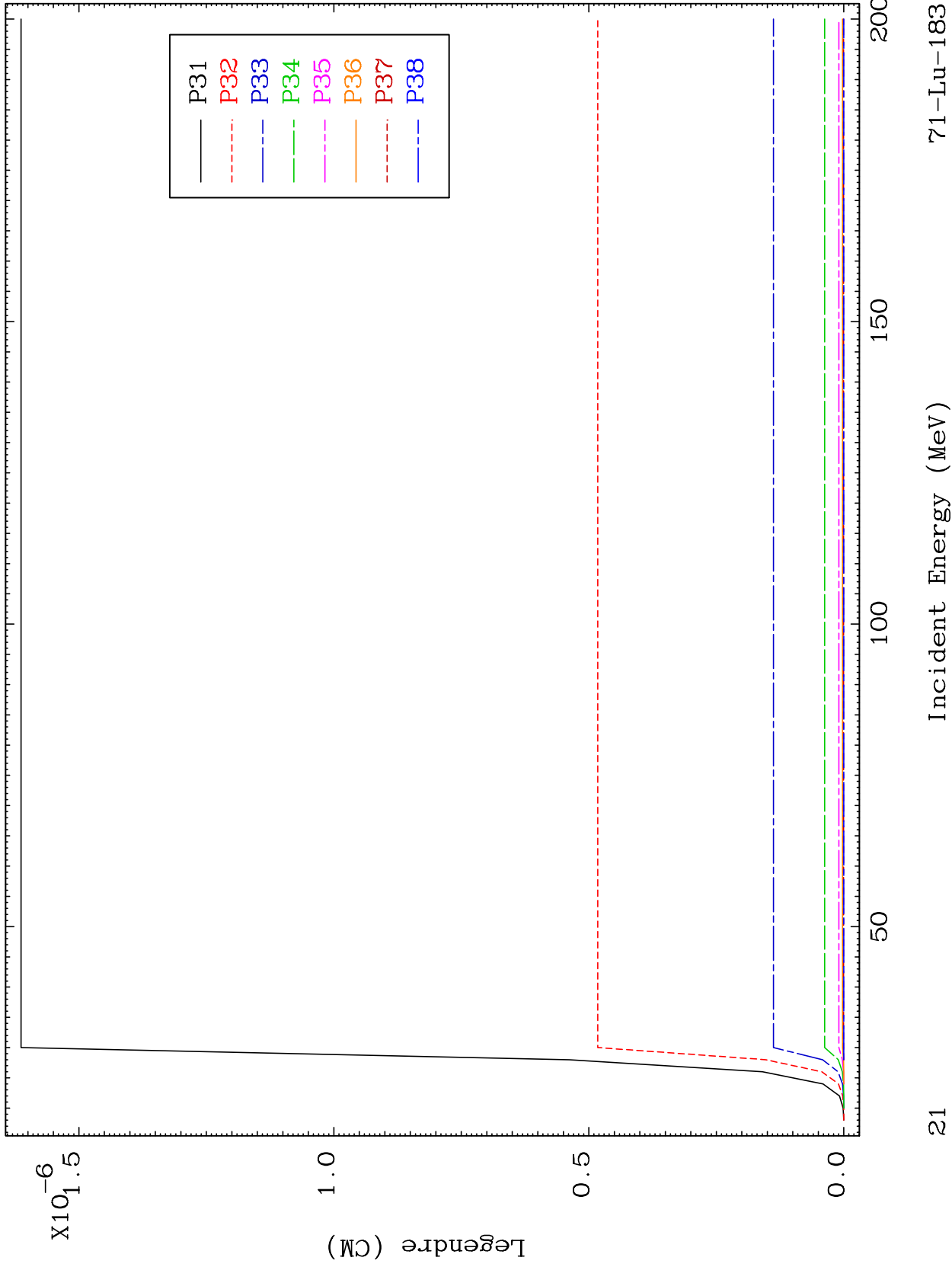
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



MAT 7149

Fission

⁷¹-Lu-183

Radionuclide Production Cross Section

