

Program EVALPLOT  
(Version 2015-2)

by

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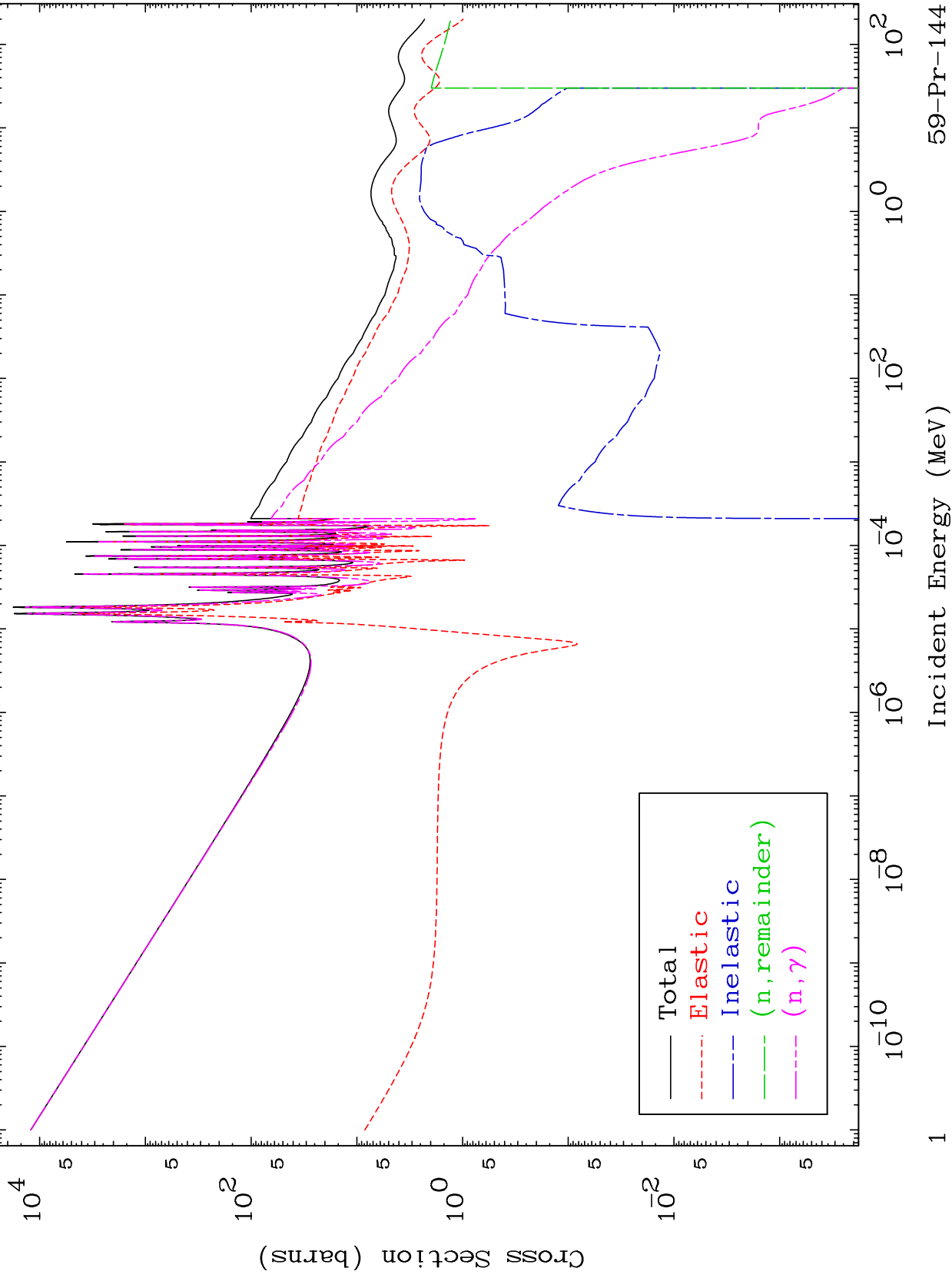
Press Mouse Button to Start

MAT 5935

Major

293 Kelvin Cross Sections

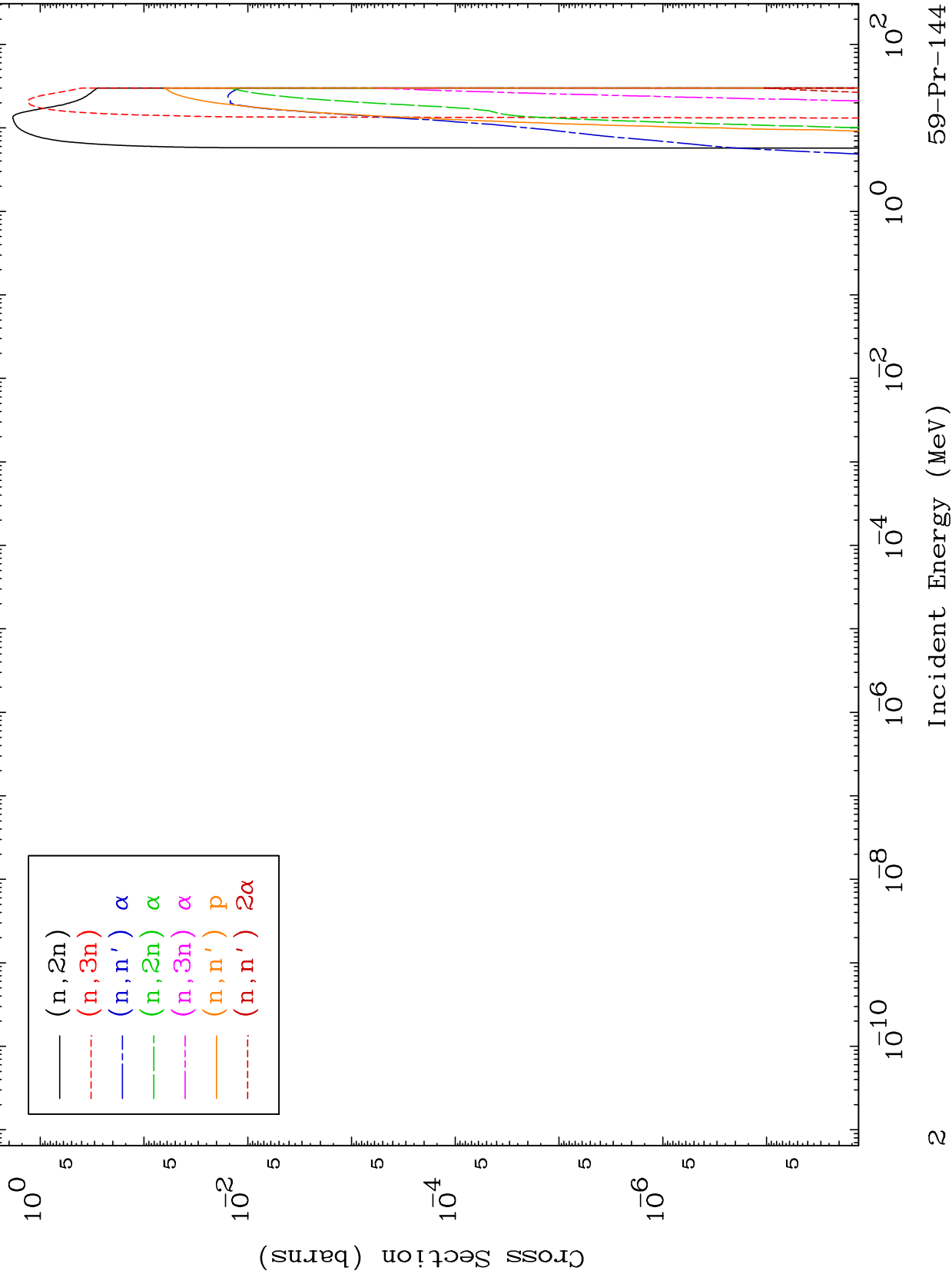
59-Pr-144

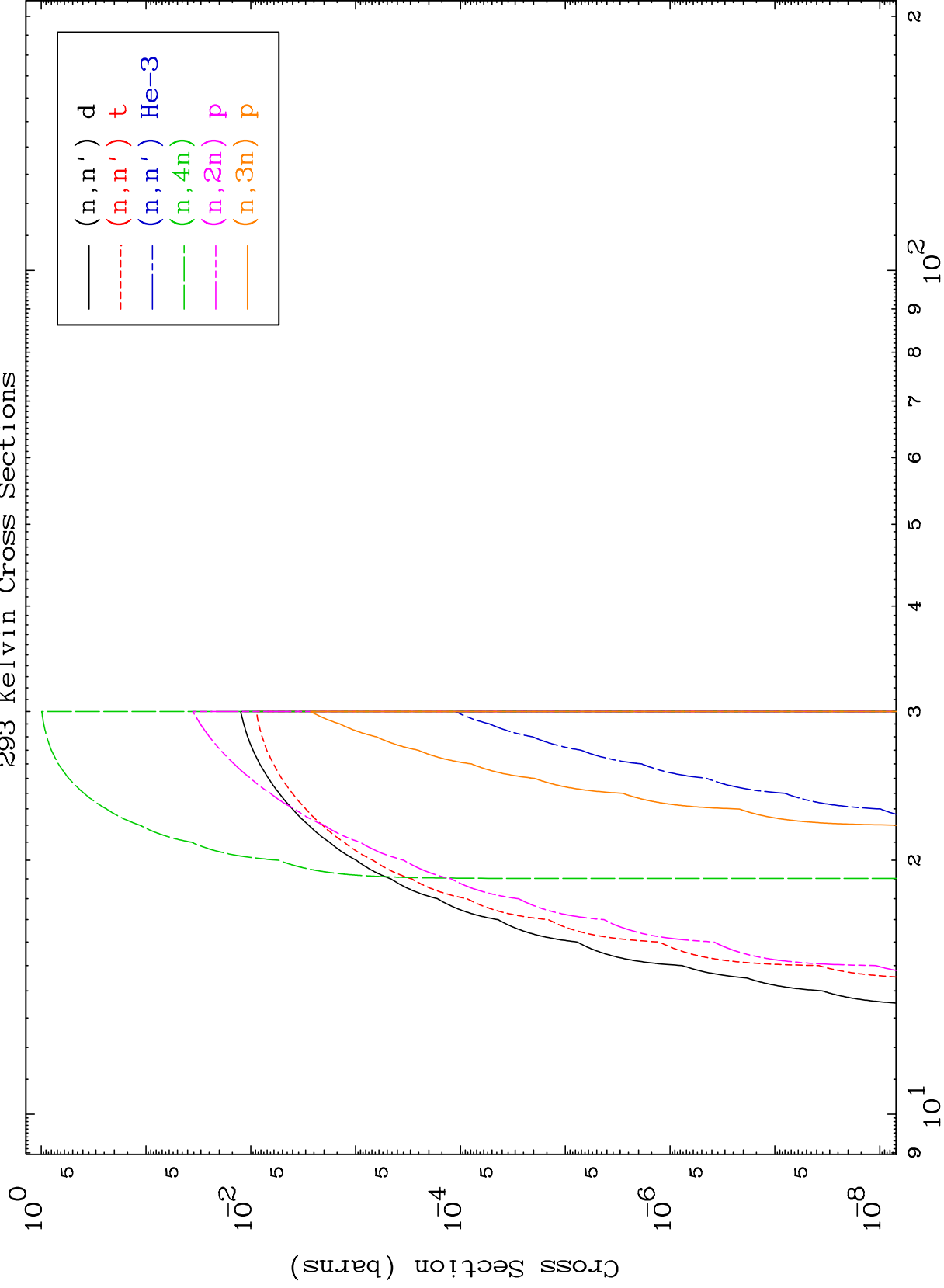


MAT 5935

Neutron Production  
293 Kelvin Cross Sections

59-Pr-144

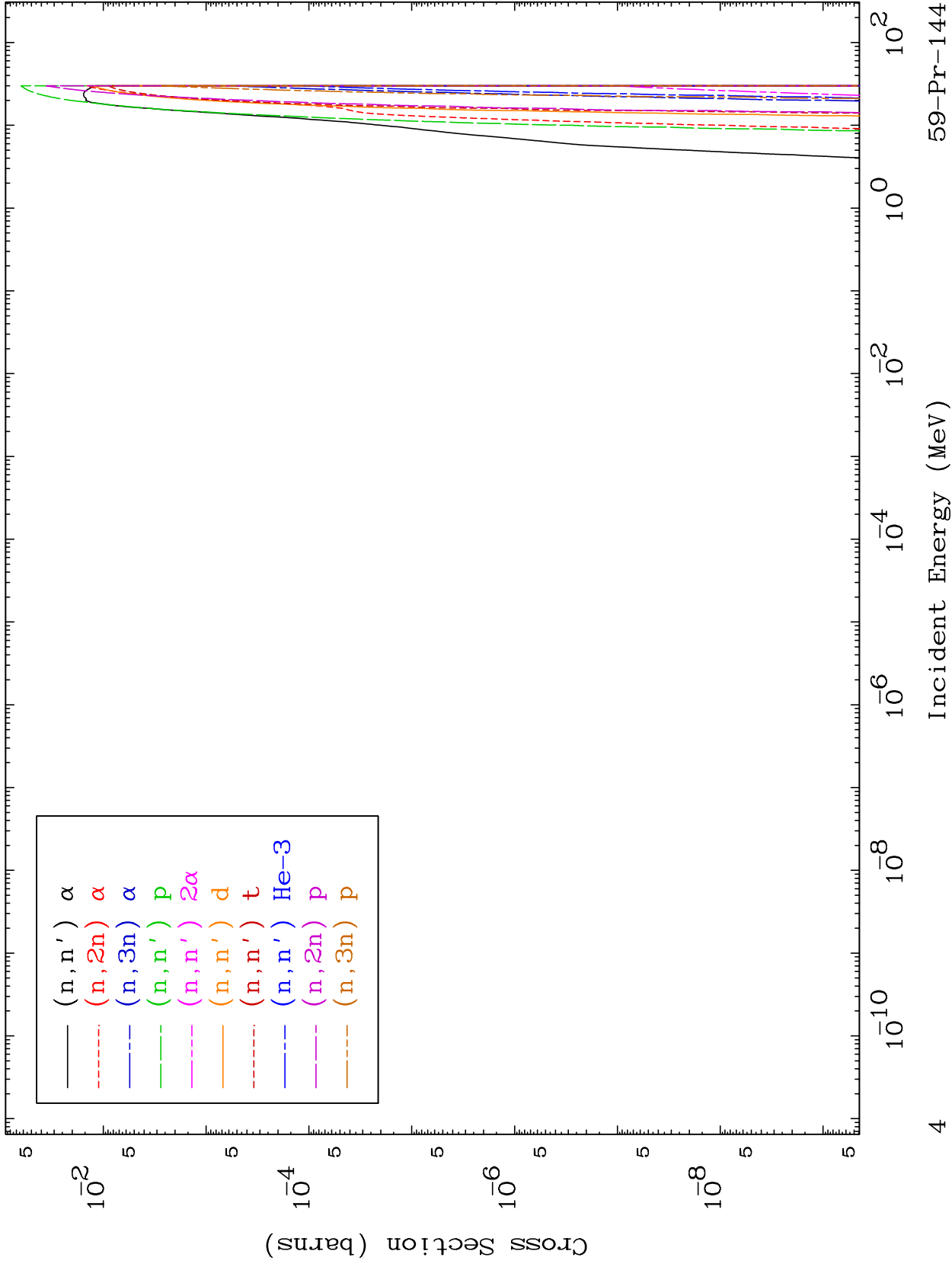




MAT 5935

Charged Particle  
293 Kelvin Cross Sections

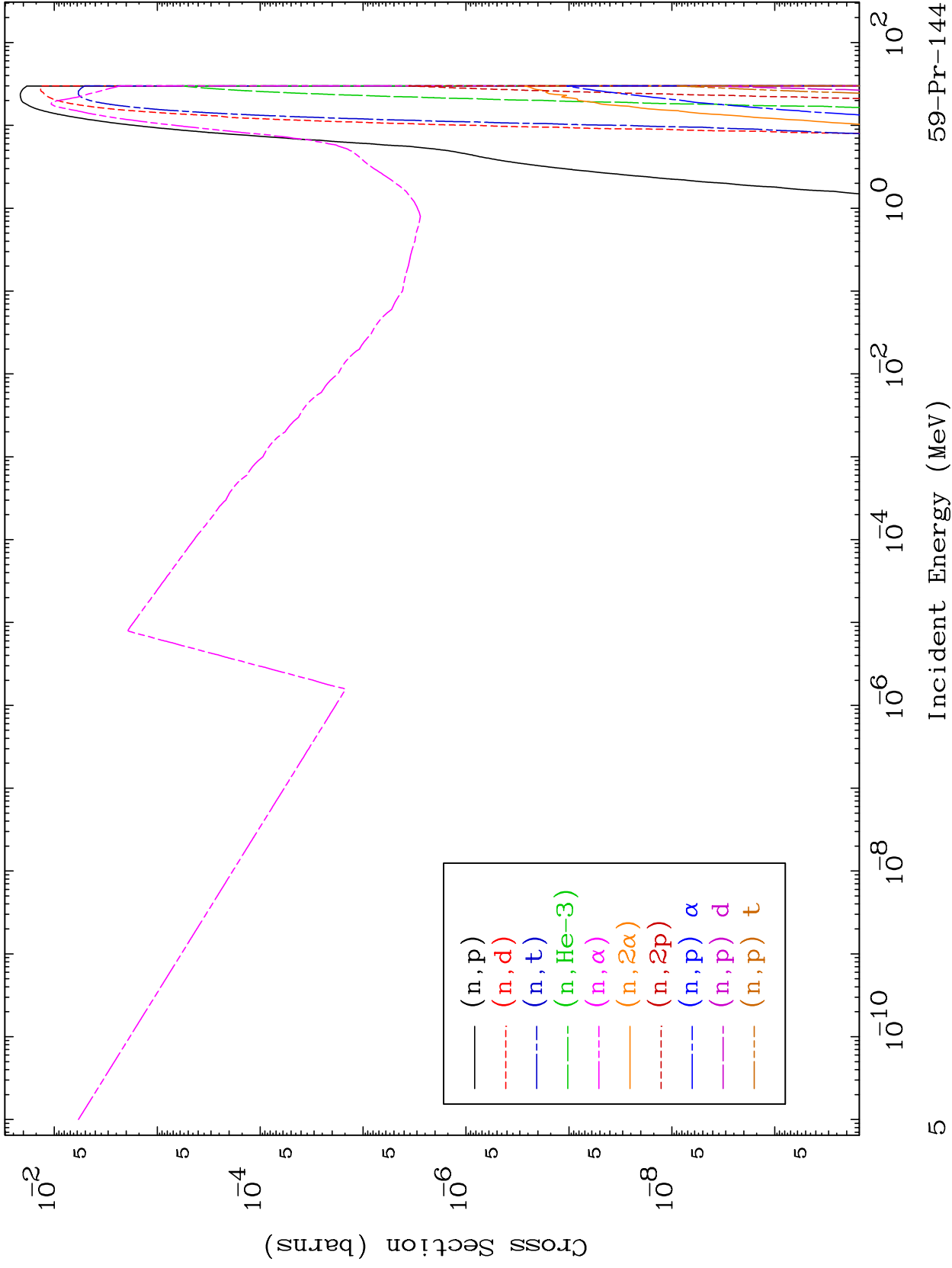
59-Pr-144

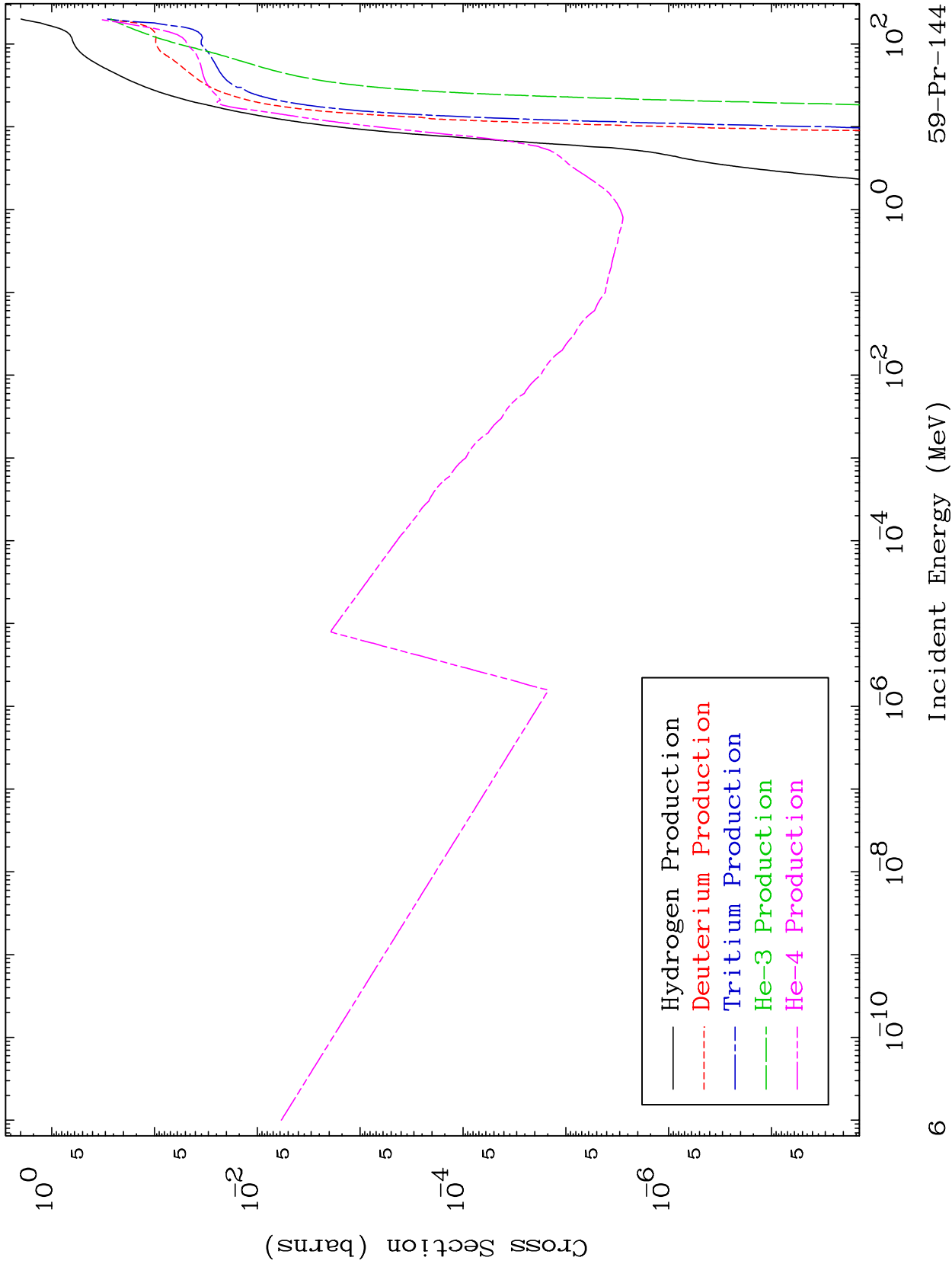


MAT 5935

Charged Particle  
293 Kelvin Cross Sections

59-Pr-144

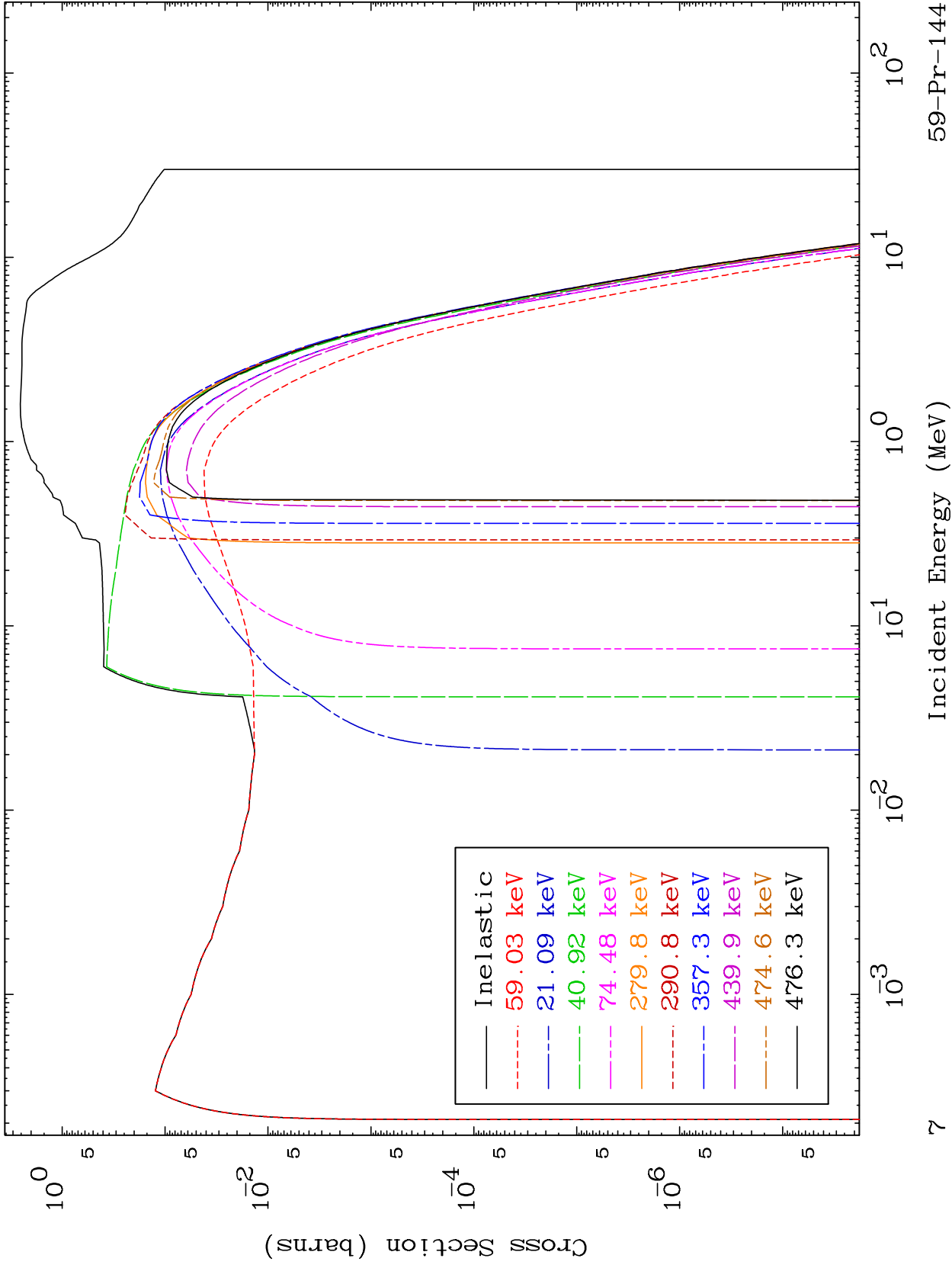




MAT 5935

(n,n') Level  
293 Kelvin Cross Sections

59-Pr-144

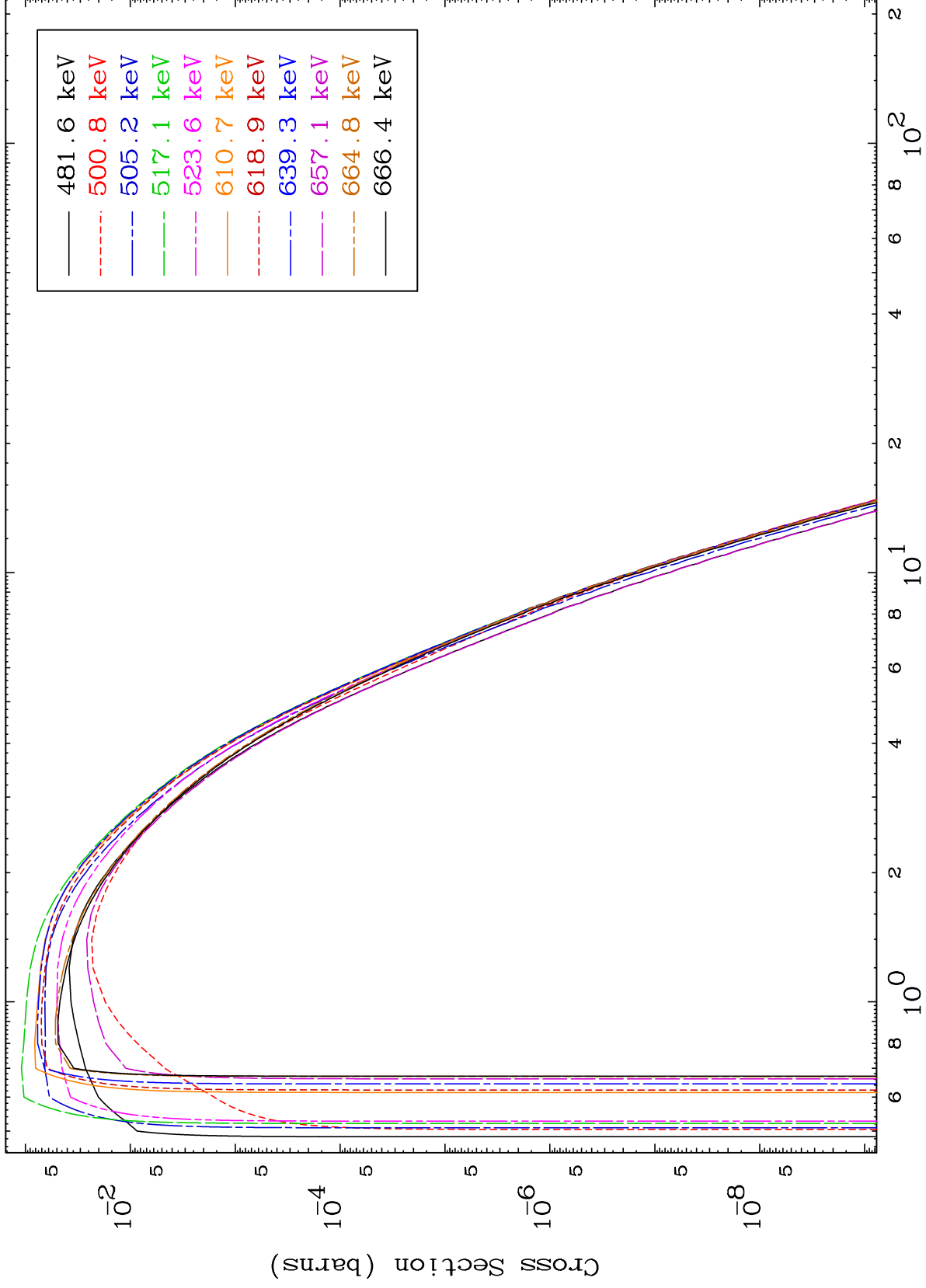




MAT 5935

(n,n') Level  
293 Kelvin Cross Sections

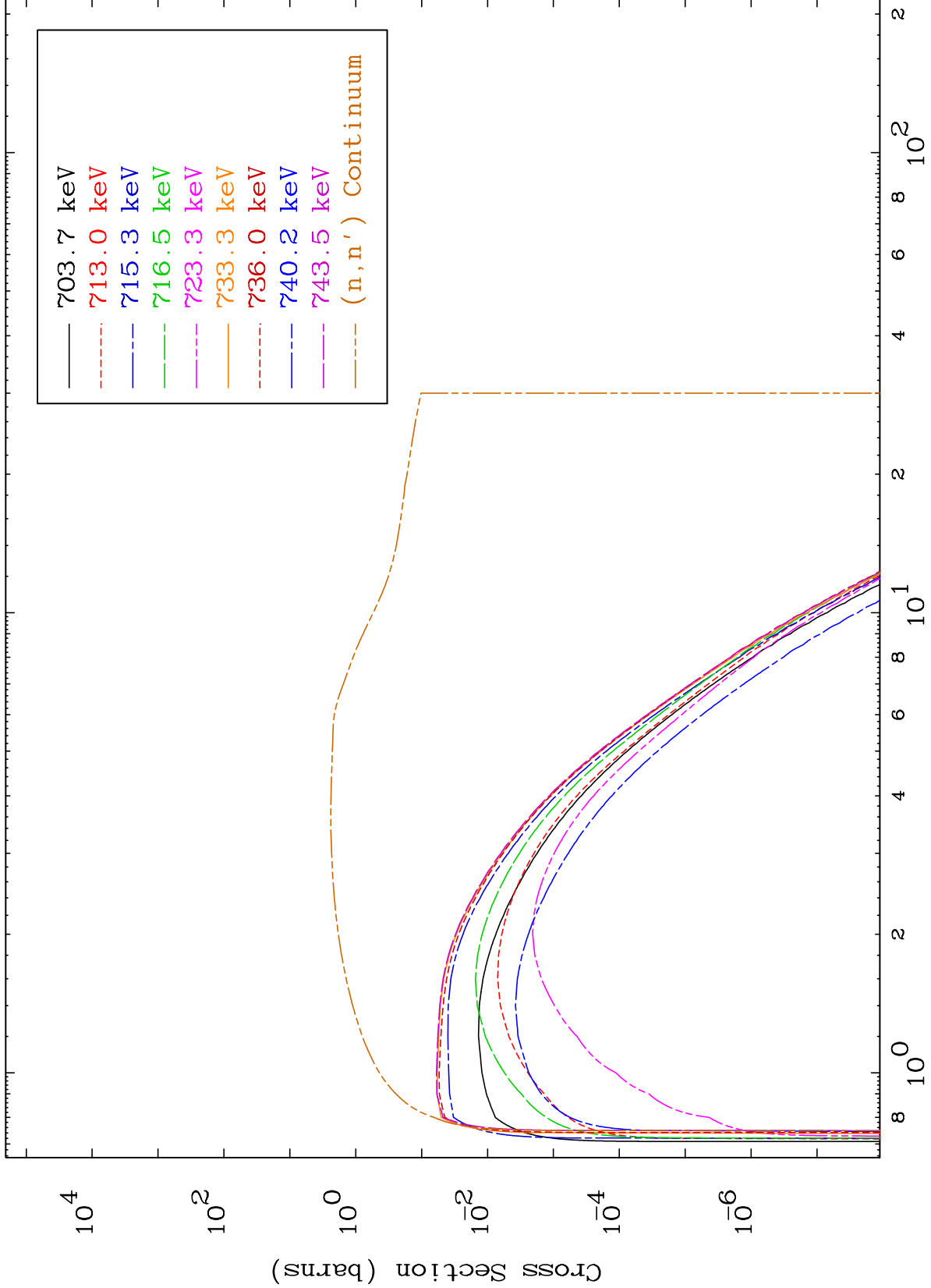
59-Pr-144



8

Incident Energy (MeV)

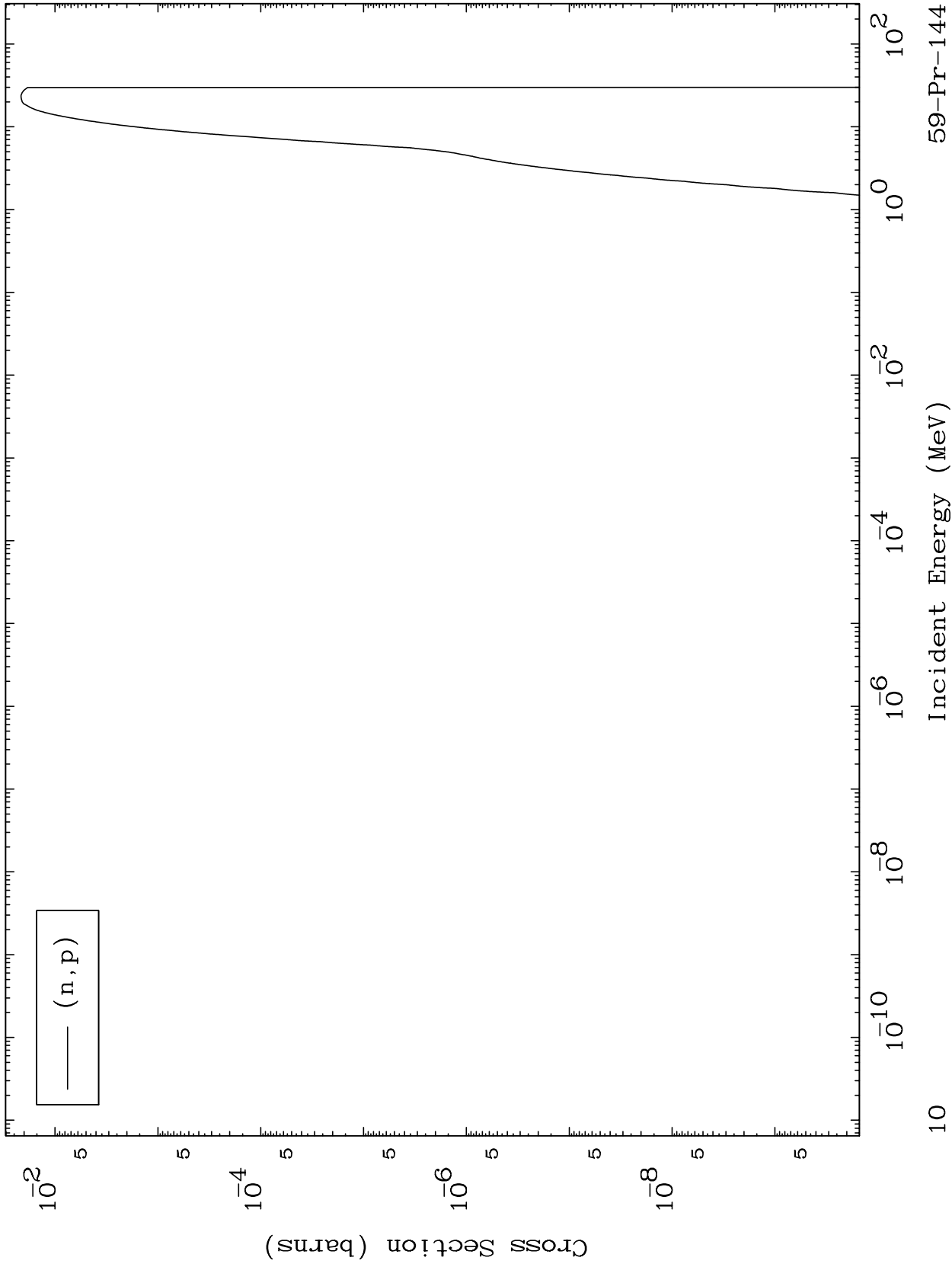
59-Pr-144



MAT 5935

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-144



10

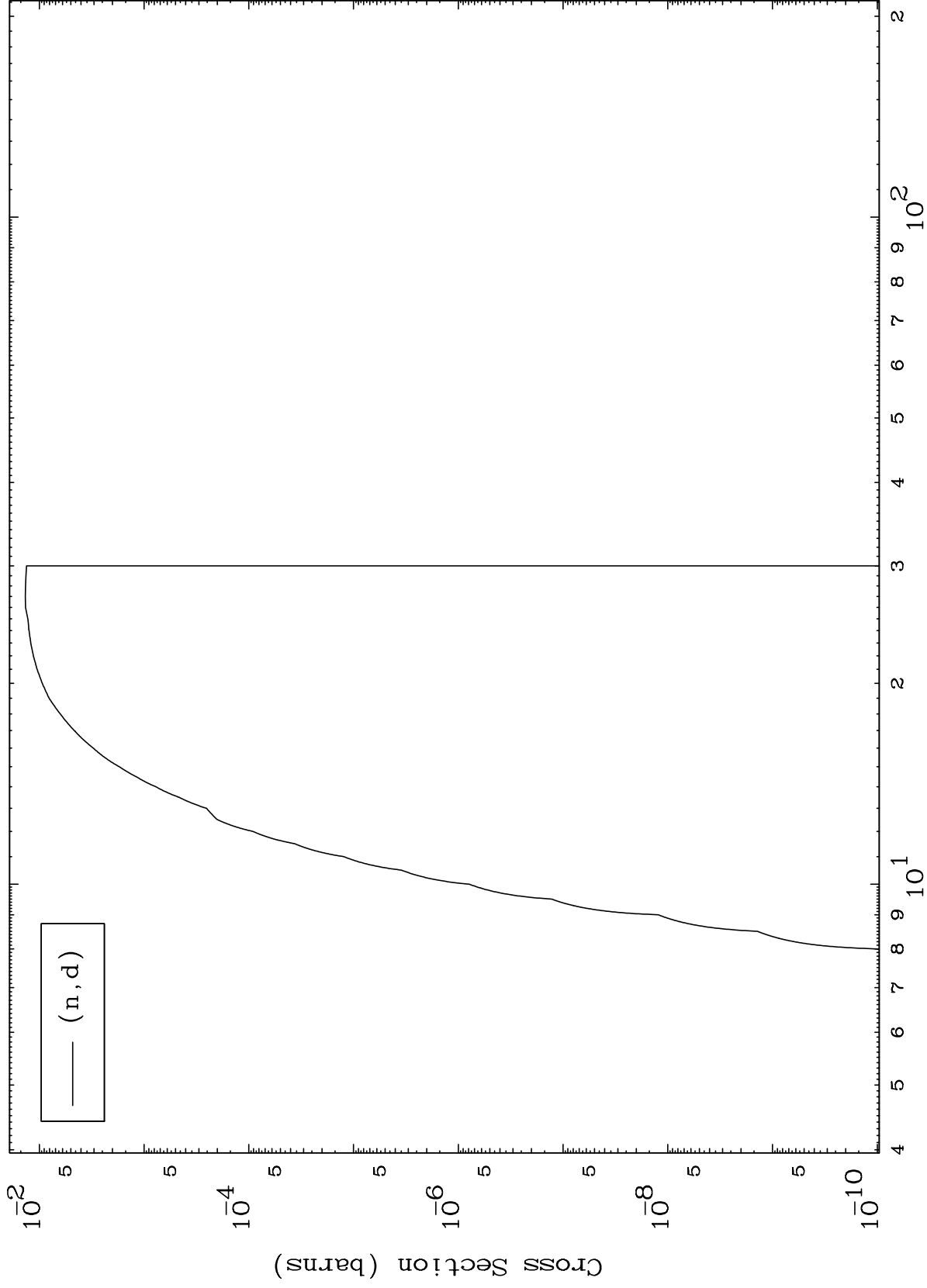
Incident Energy (MeV)

59-Pr-144

MAT 5935

(n,d) Levels  
293 Kelvin Cross Sections

59-Pr-144



11

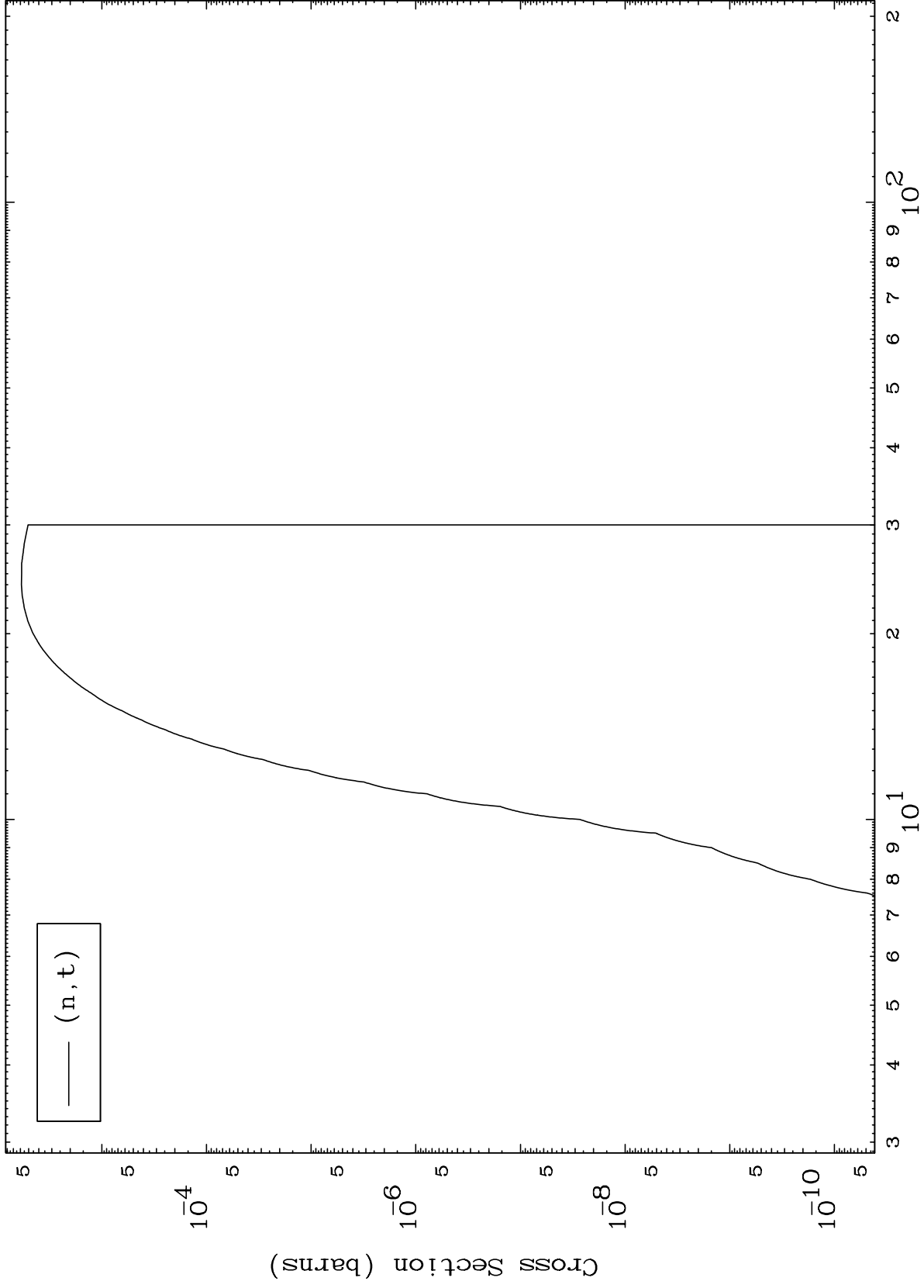
Incident Energy (MeV)

59-Pr-144

MAT 5935

(n,t) Levels  
293 Kelvin Cross Sections

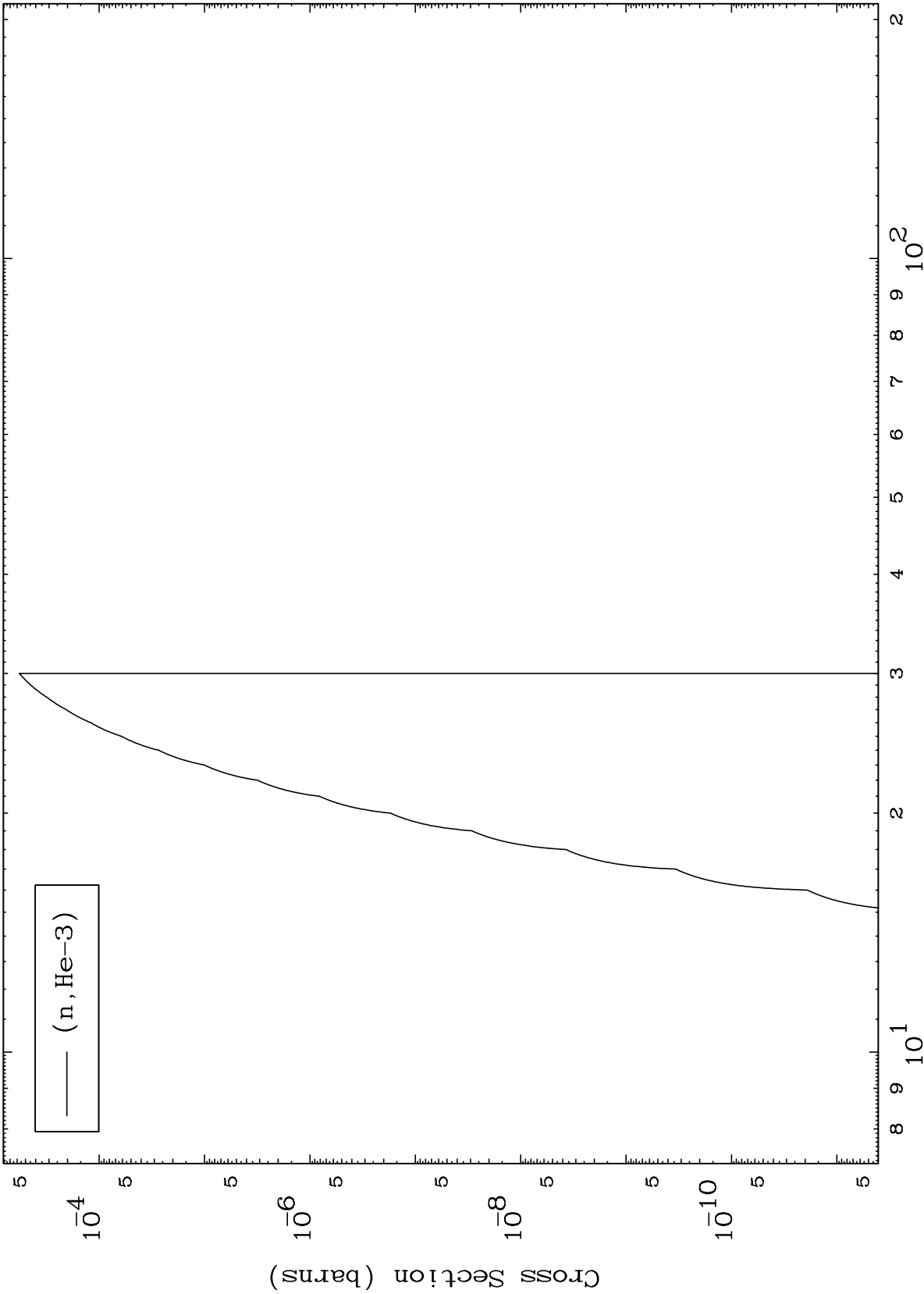
59-Pr-144



12

Incident Energy (MeV)

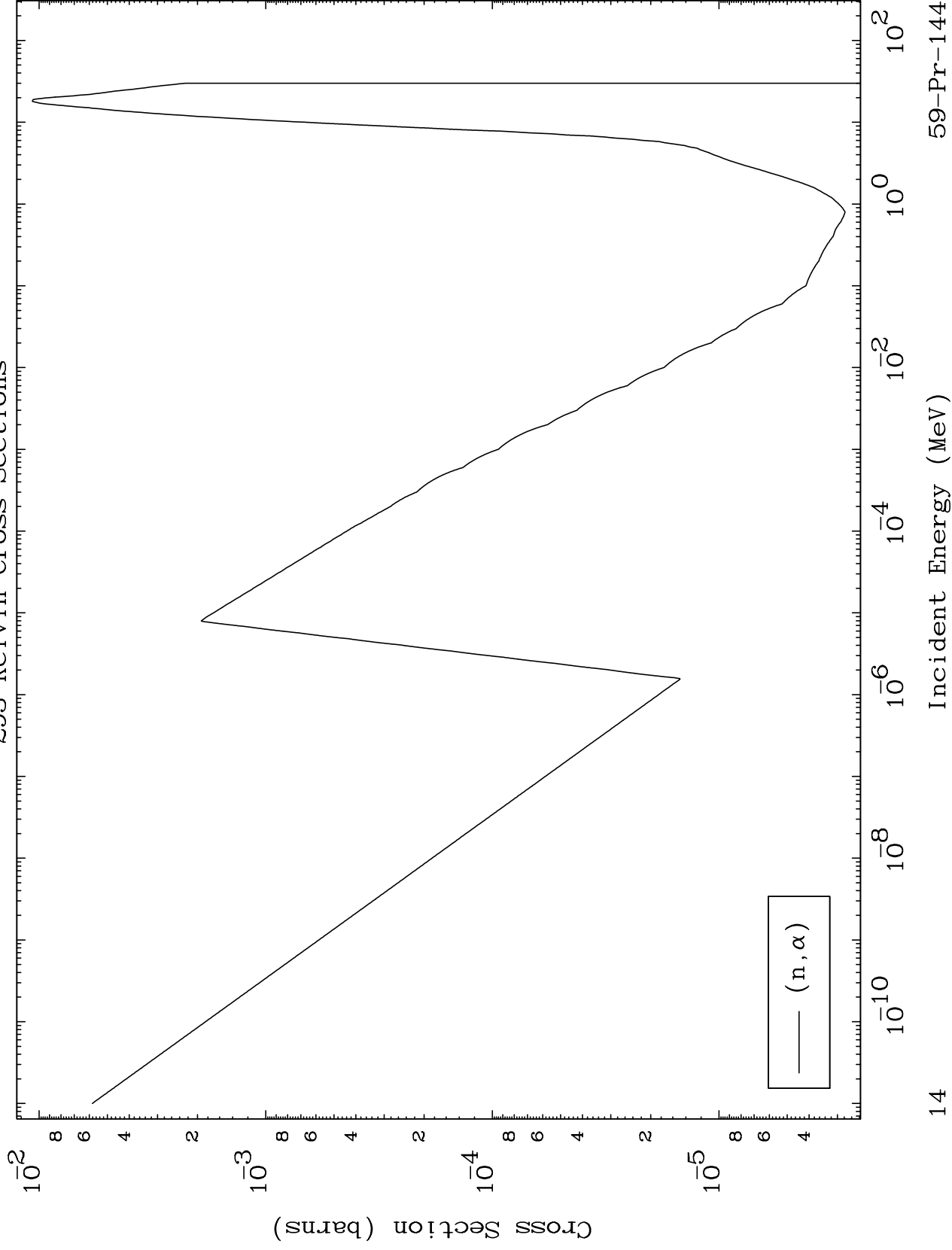
59-Pr-144

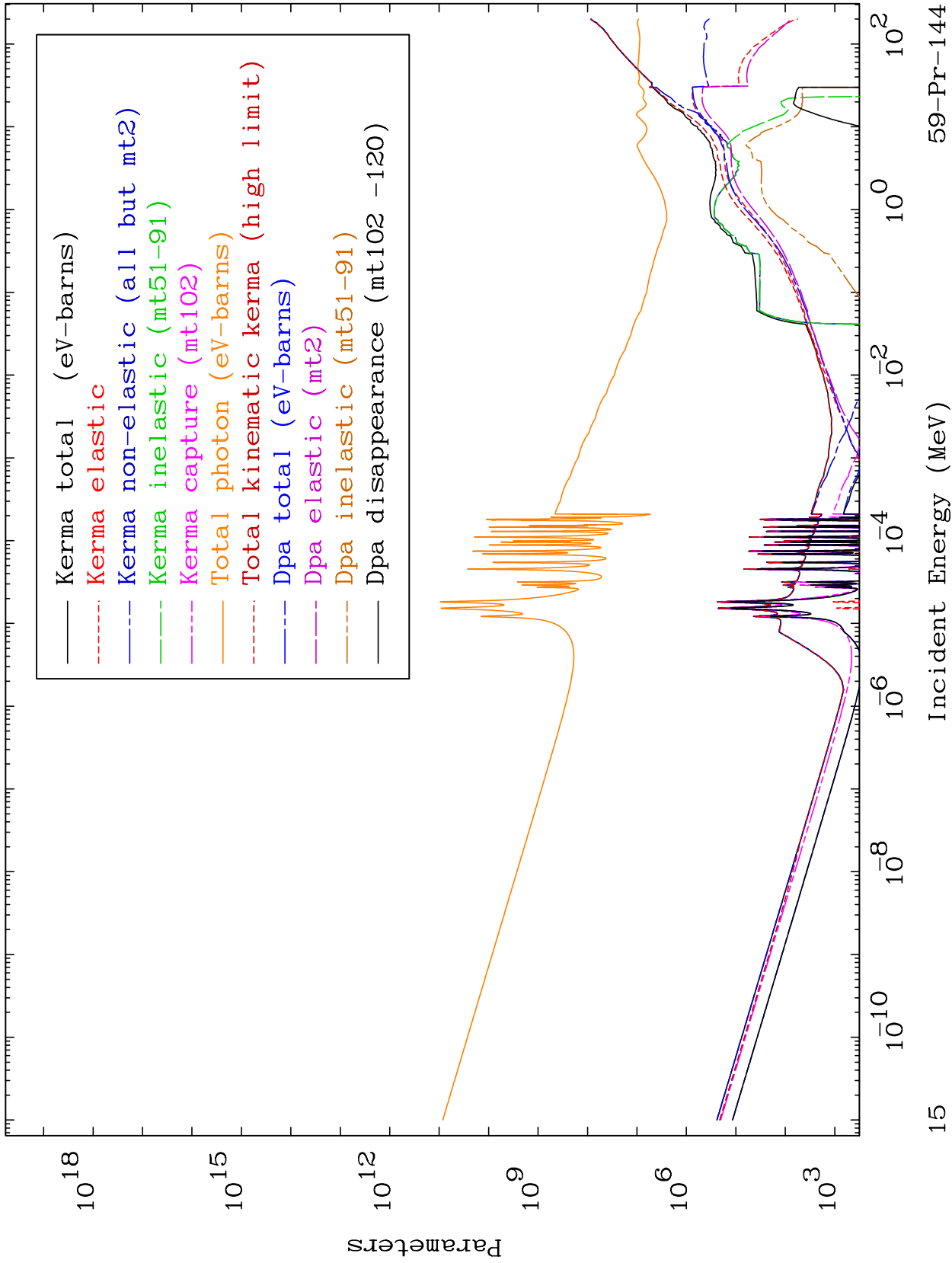


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(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-144





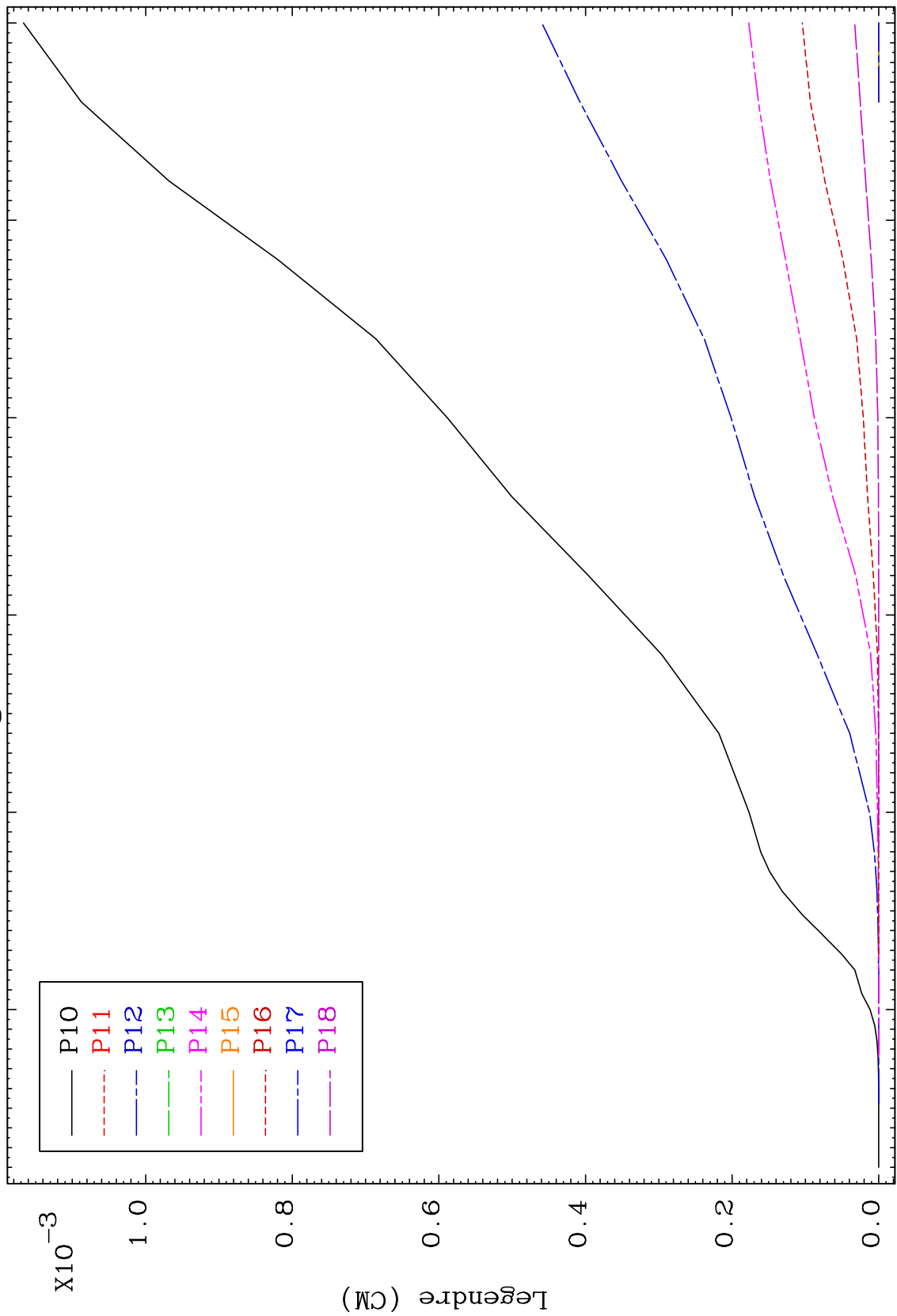




MAT 5935

Elastic Legendre Coefficients

59-Pr-144



17

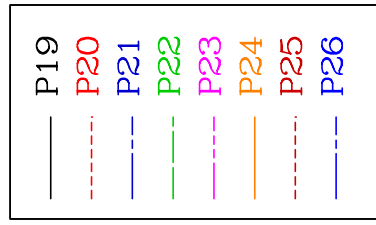
59-Pr-144

Incident Energy (MeV)

MAT 5935

Elastic  
Legendre Coefficients

59-Pr-144



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

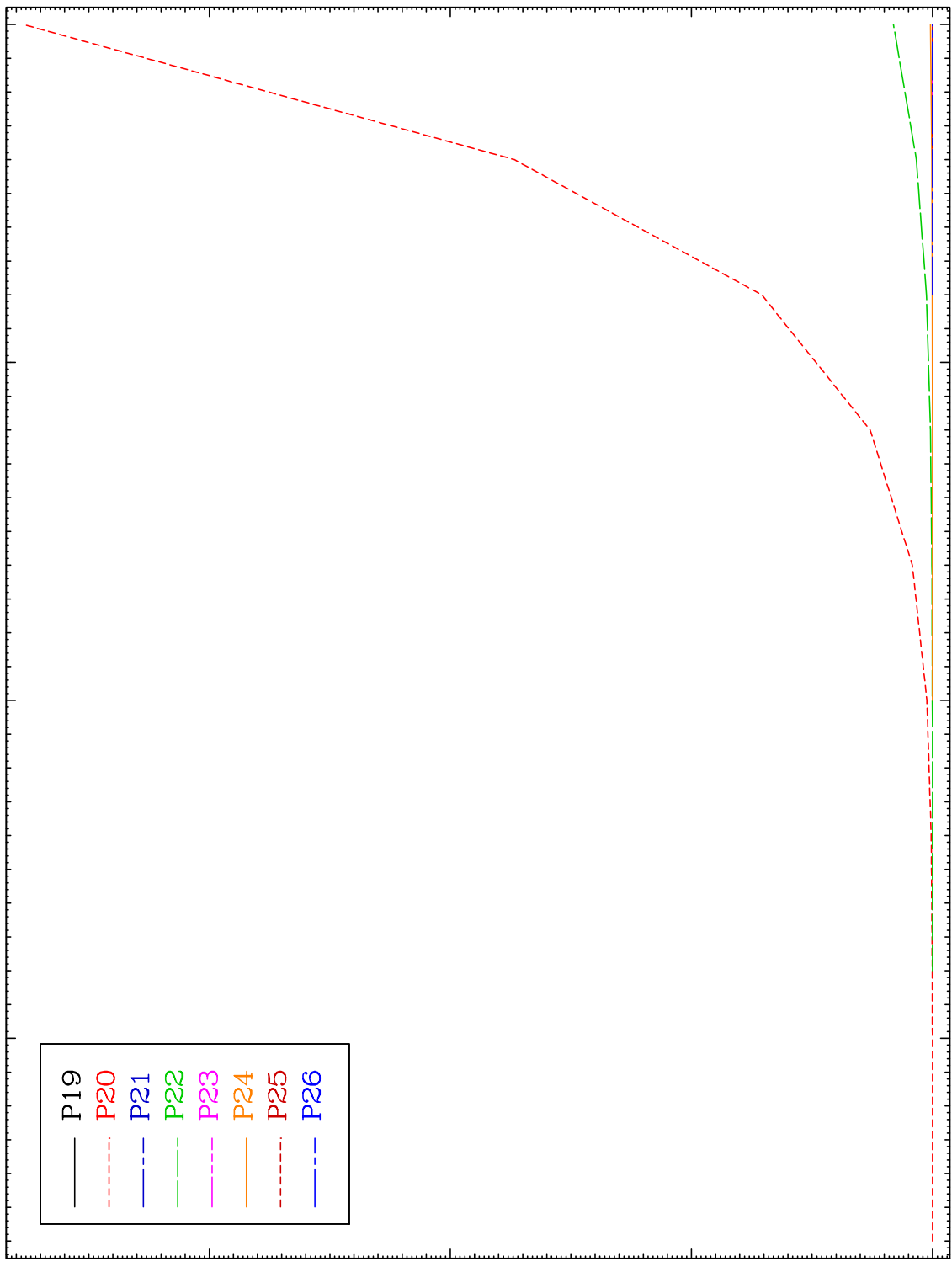
25

30

18

Incident Energy (MeV)

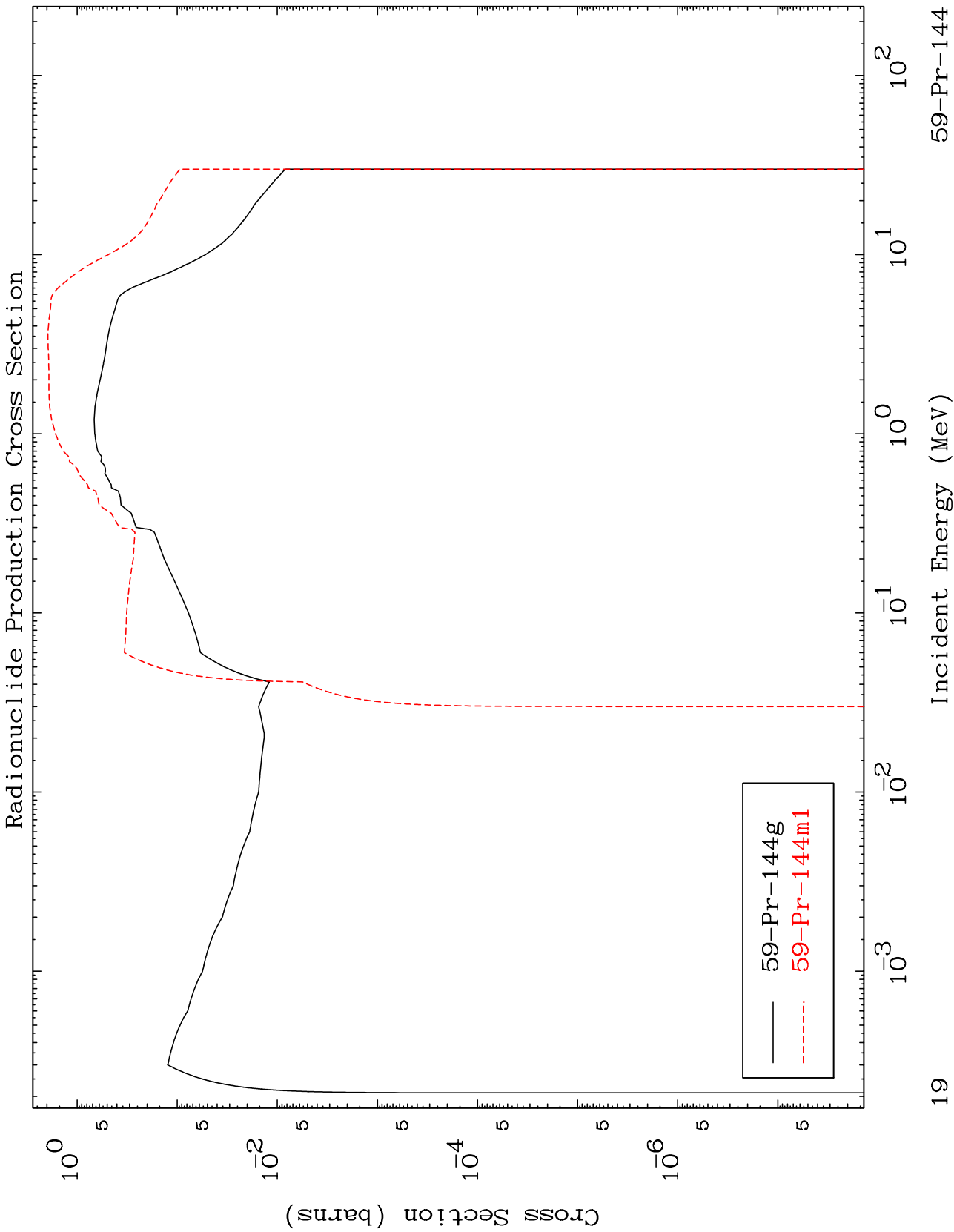
59-Pr-144



MAT 5935

59-Pr-144

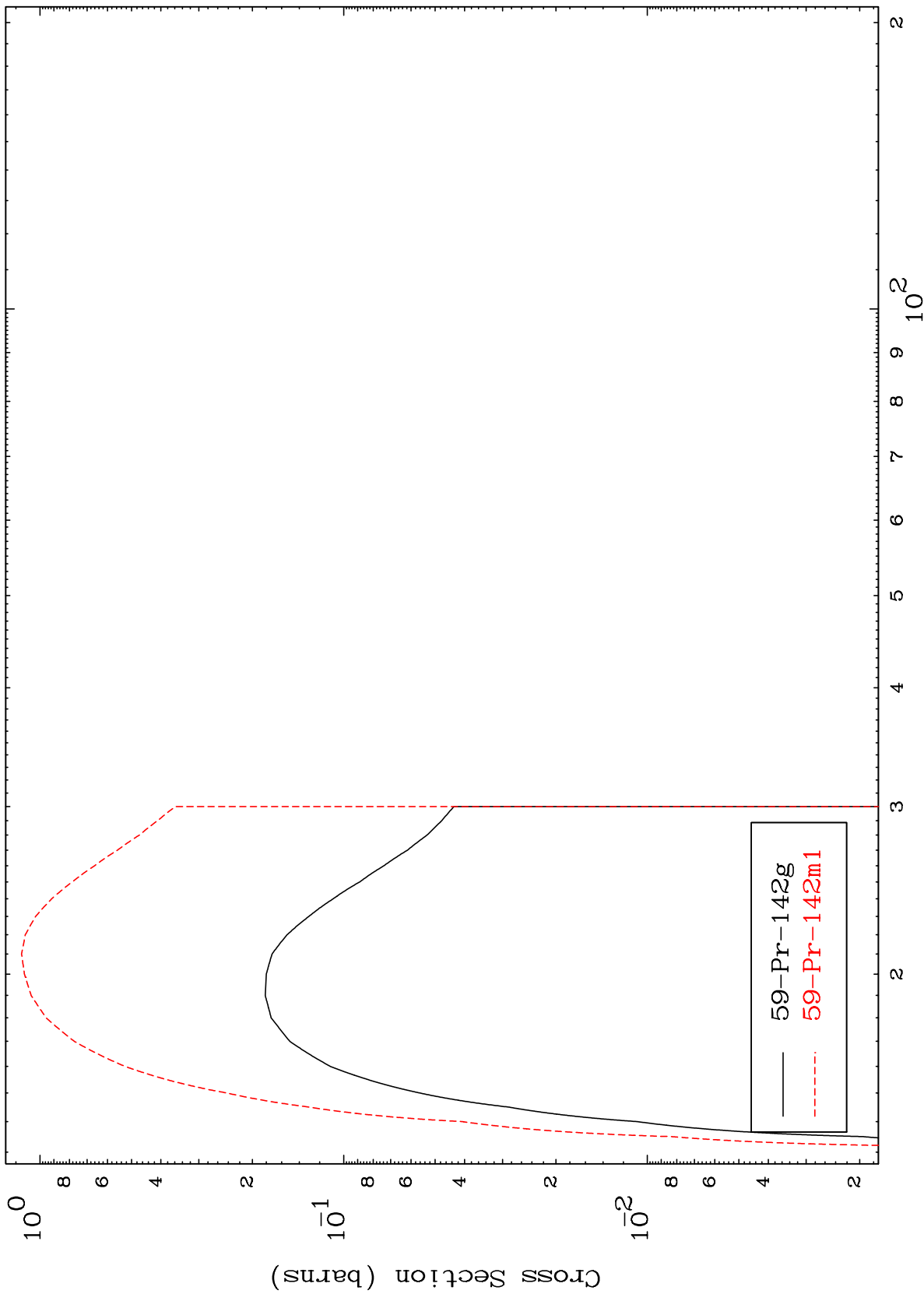
Inelastic  
Radionuclide Production Cross Section



MAT 5935

59-Pr-144

(n,3n)  
Radionuclide Production Cross Section



59-Pr-144

Incident Energy (MeV)

20

MAT 5935

(n,n') 2α

59-Pr-144

Radionuclide Production Cross Section

