

Program EVALPLOT
(Version 2018-1)

by

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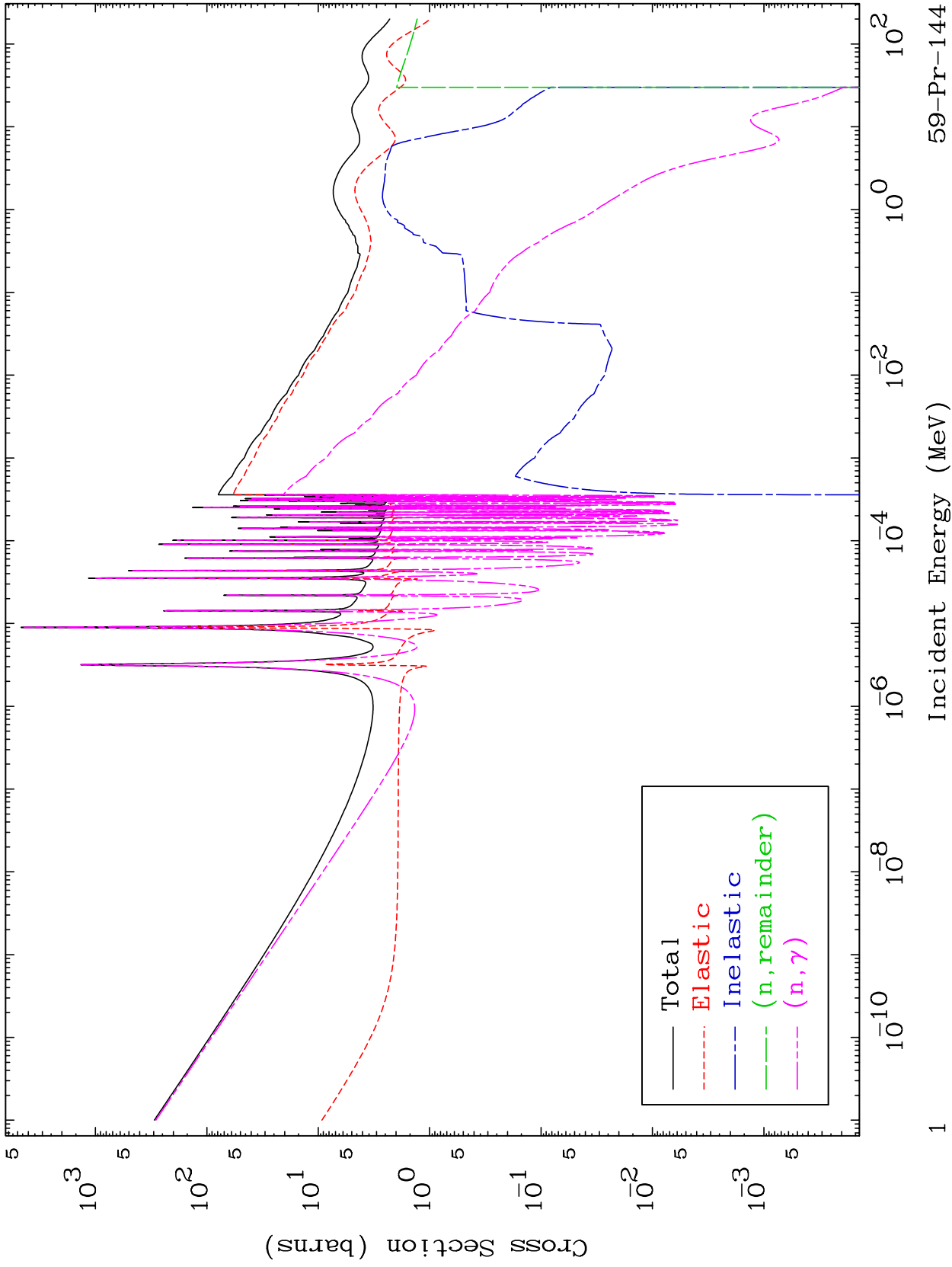
Press Mouse Button to Start

MAT 5935

Major

293 Kelvin Cross Sections

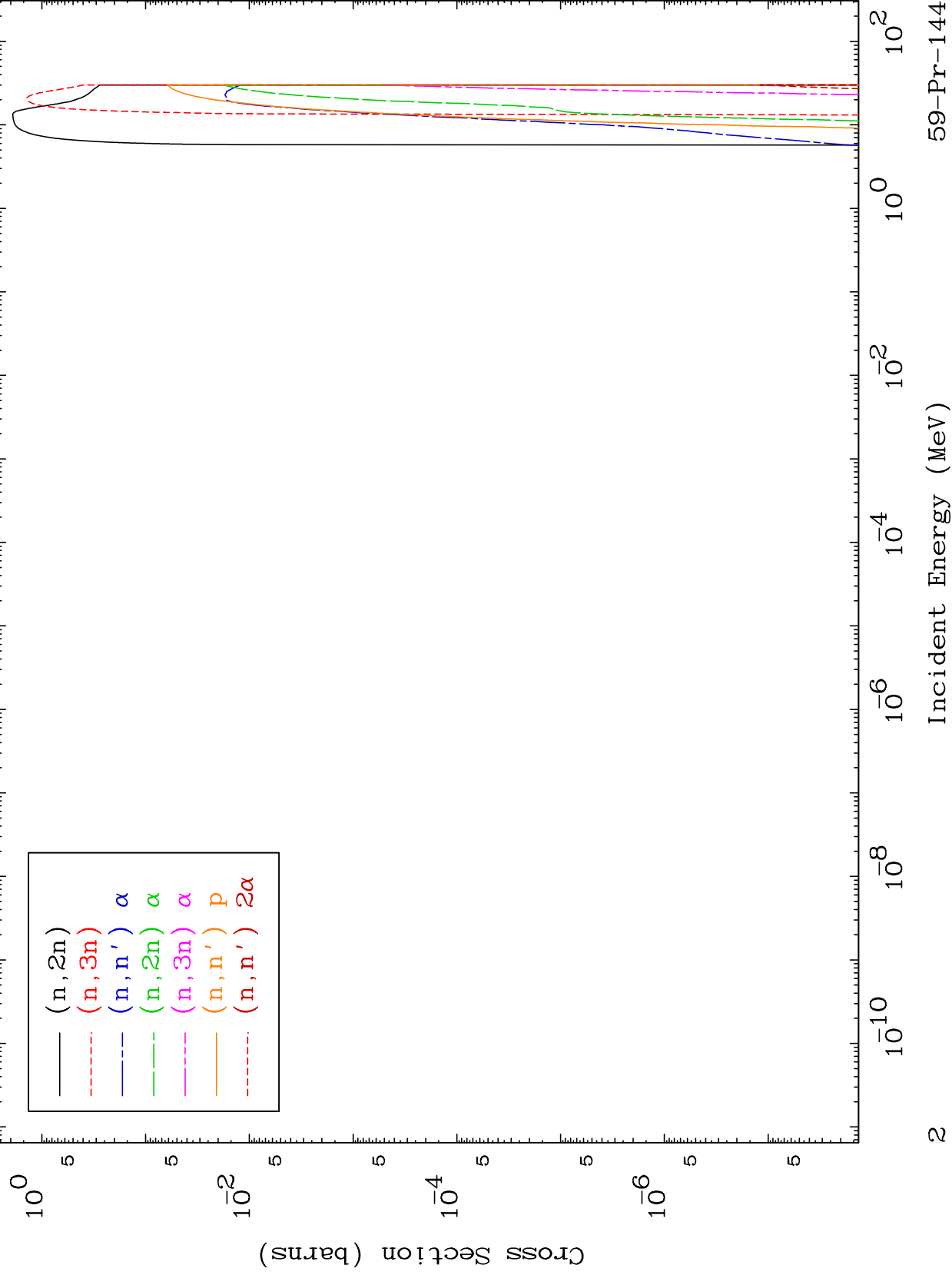
59-Pr-144

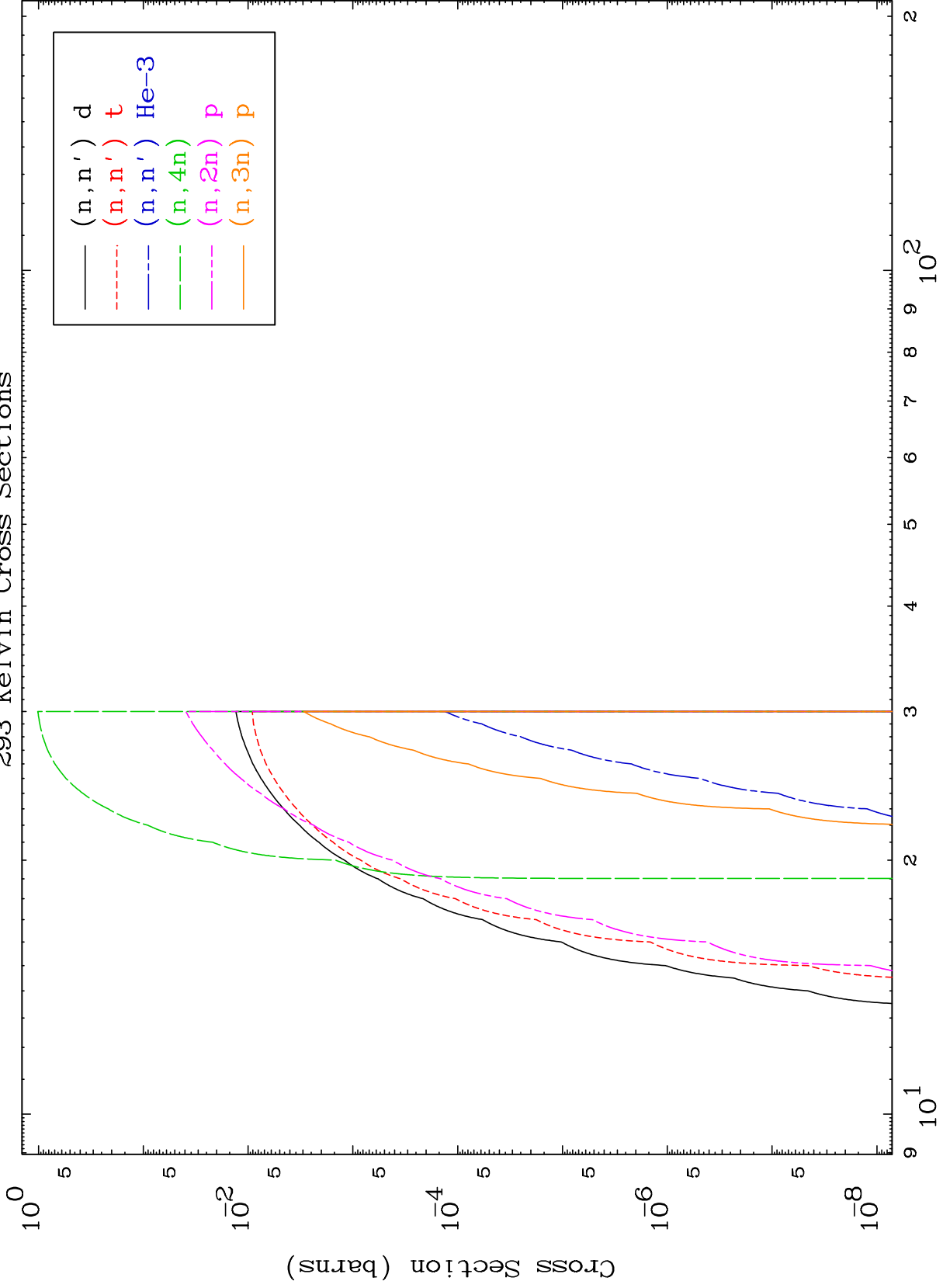


MAT 5935

Neutron Production
293 Kelvin Cross Sections

59-Pr-144

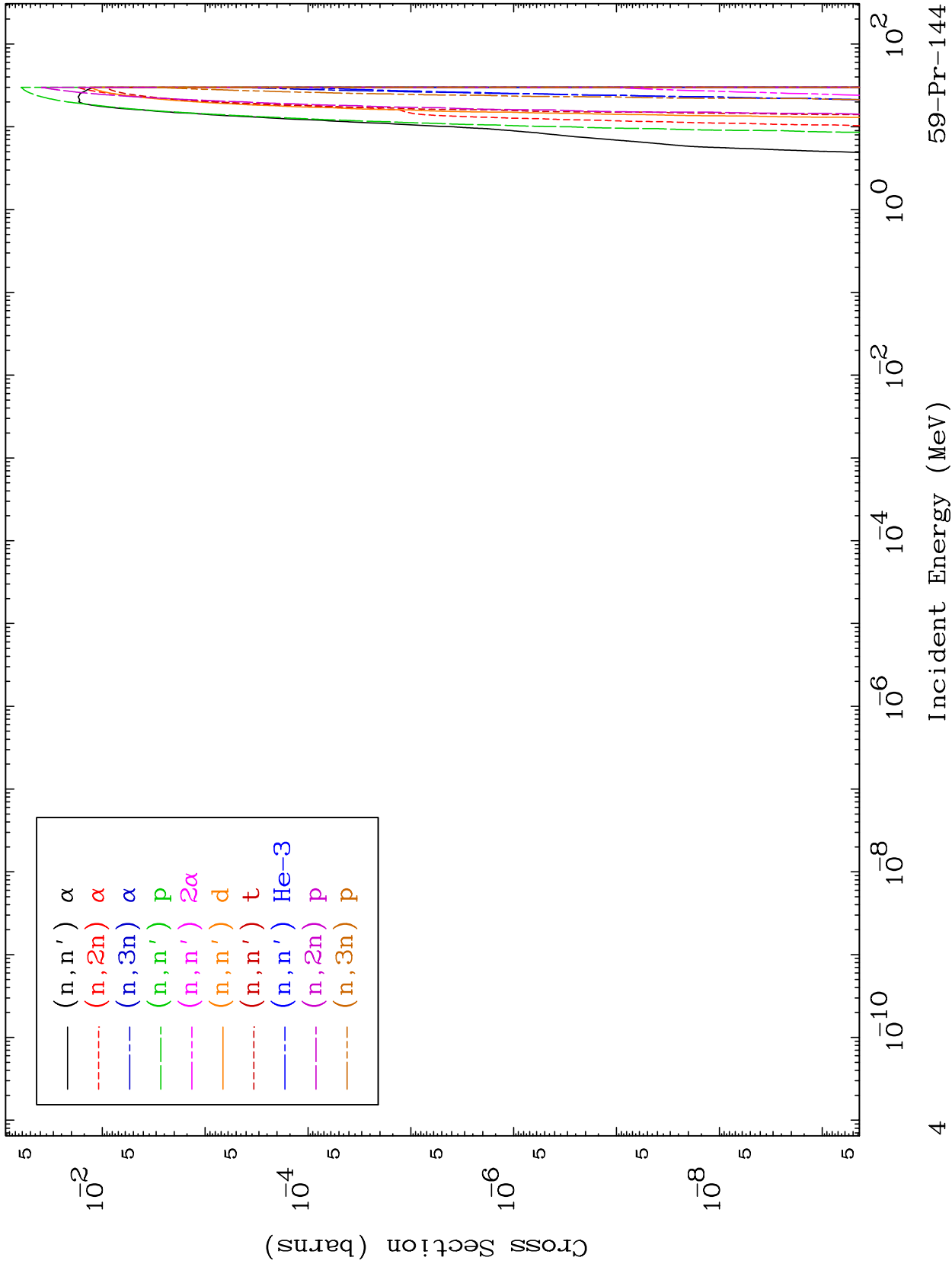




MAT 5935

Charged Particle
293 Kelvin Cross Sections

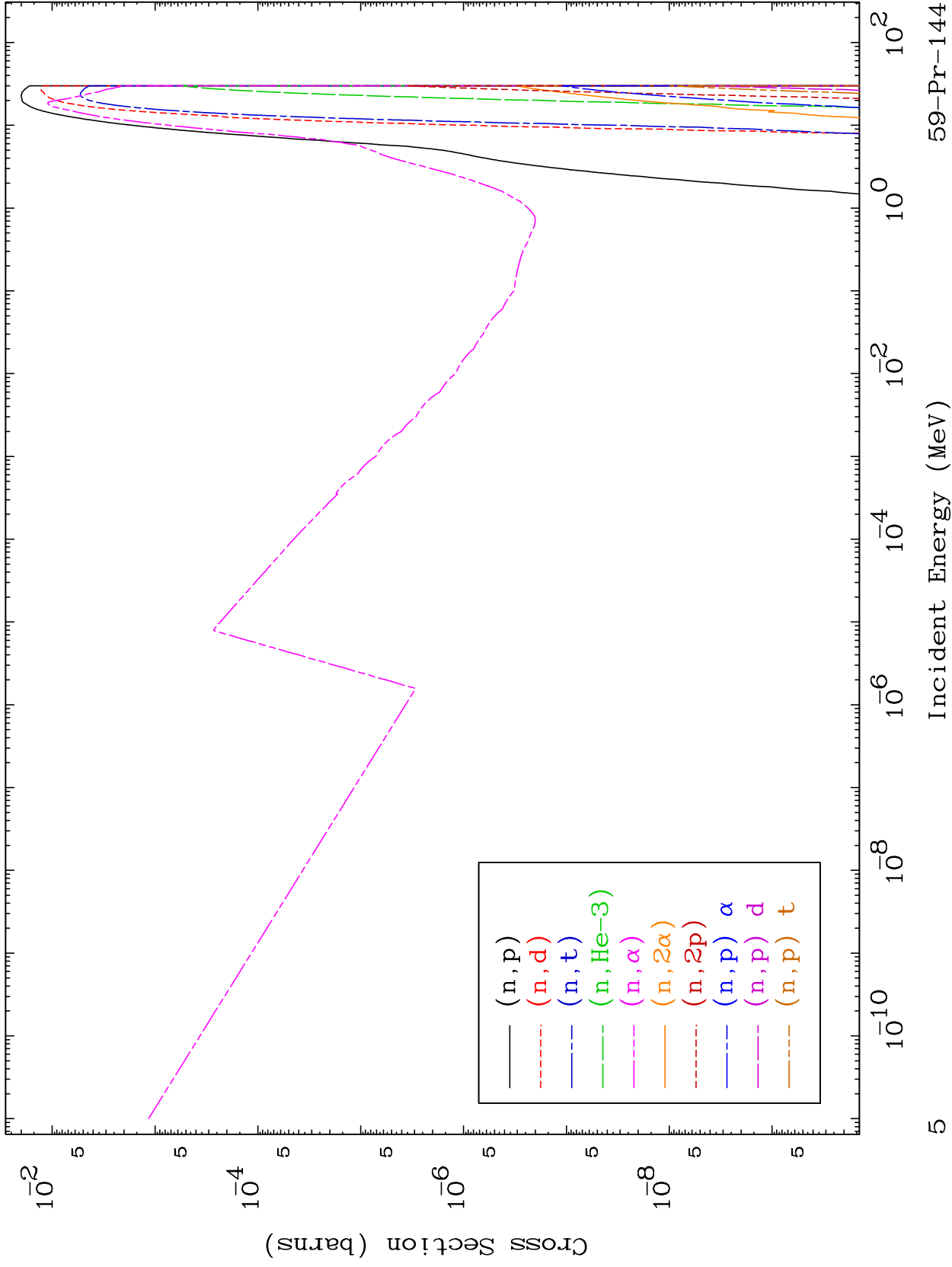
59-Pr-144



MAT 5935

Charged Particle
293 Kelvin Cross Sections

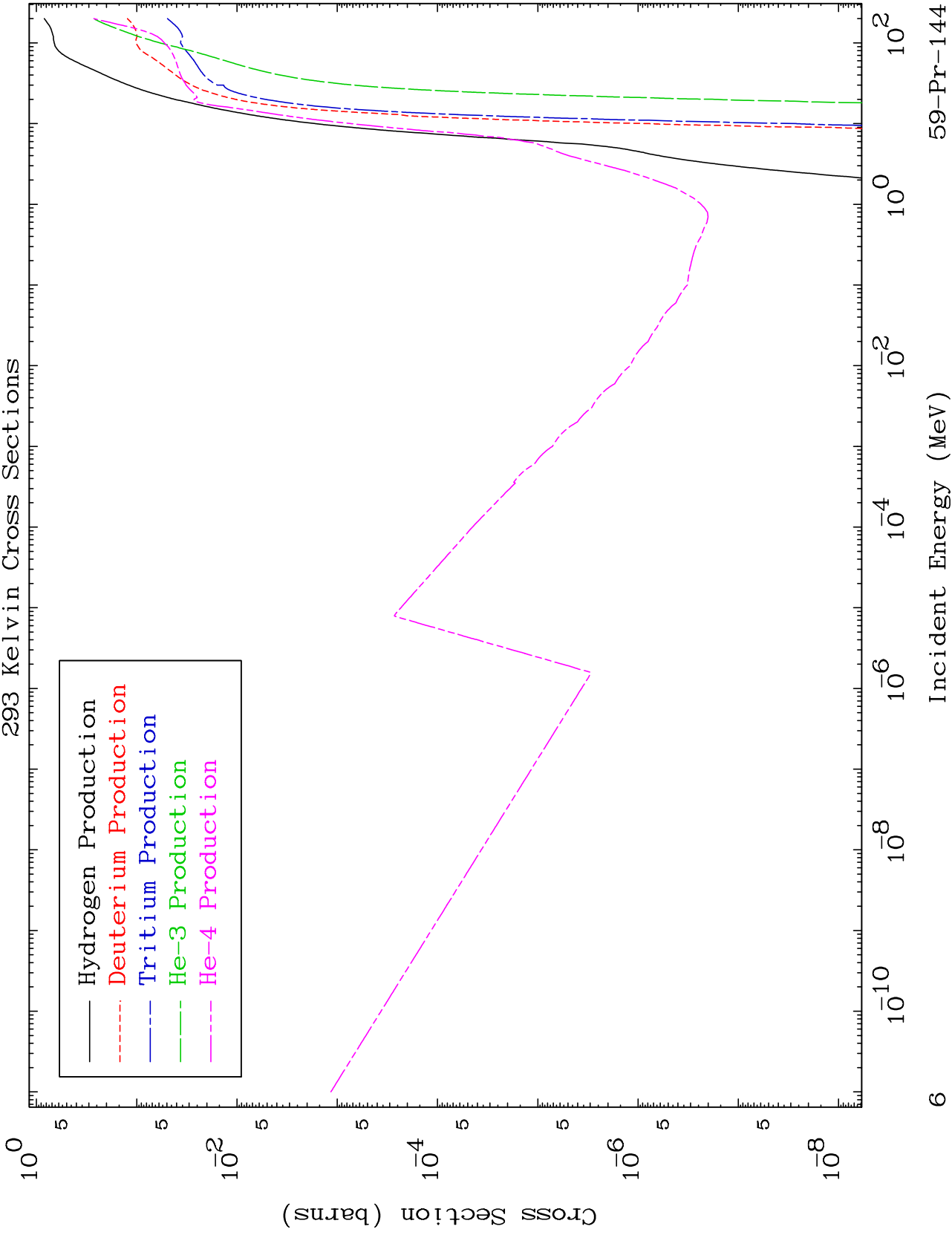
59-Pr-144



MAT 5935

Particle Production
293 Kelvin Cross Sections

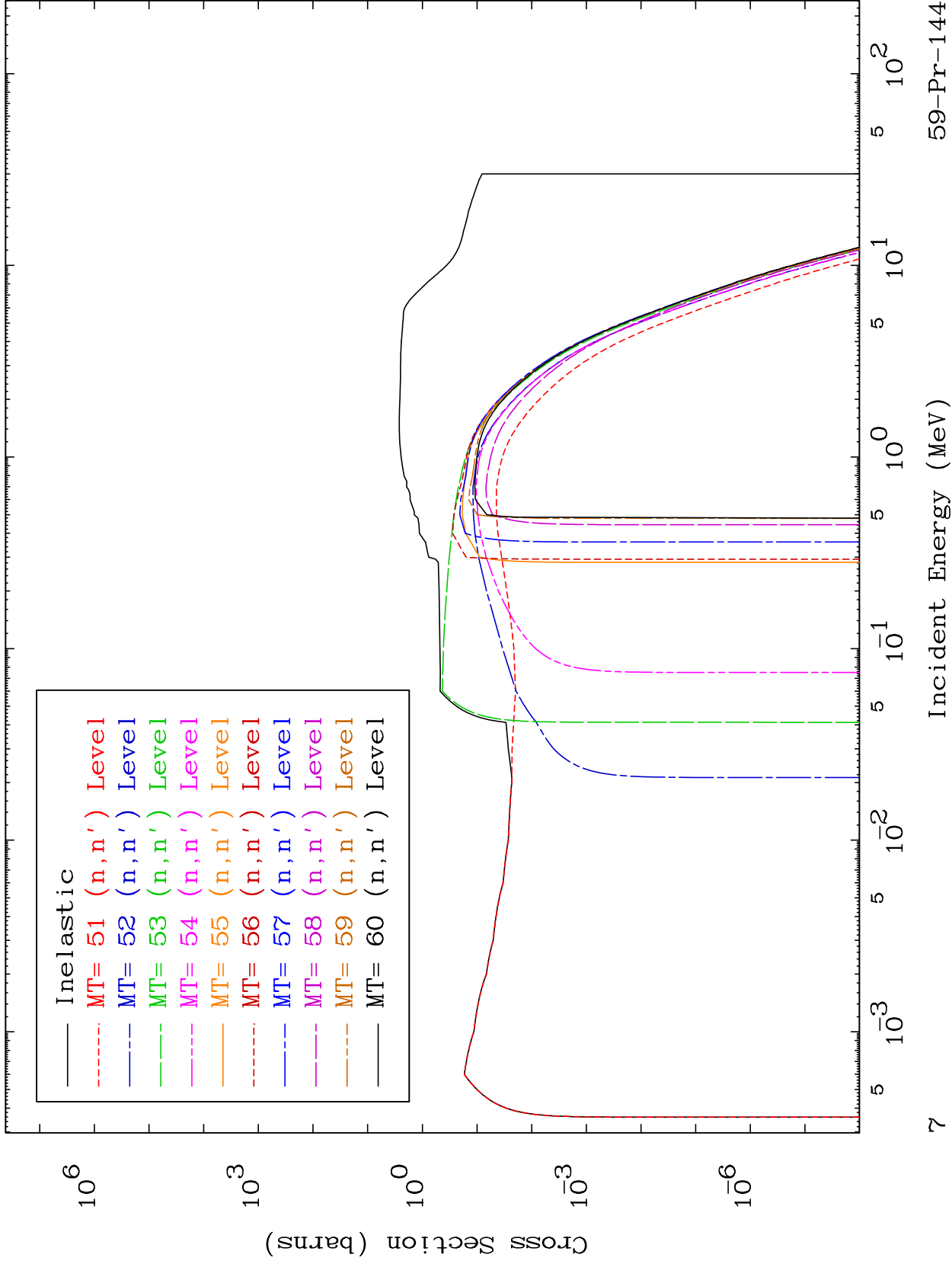
59-Pr-144



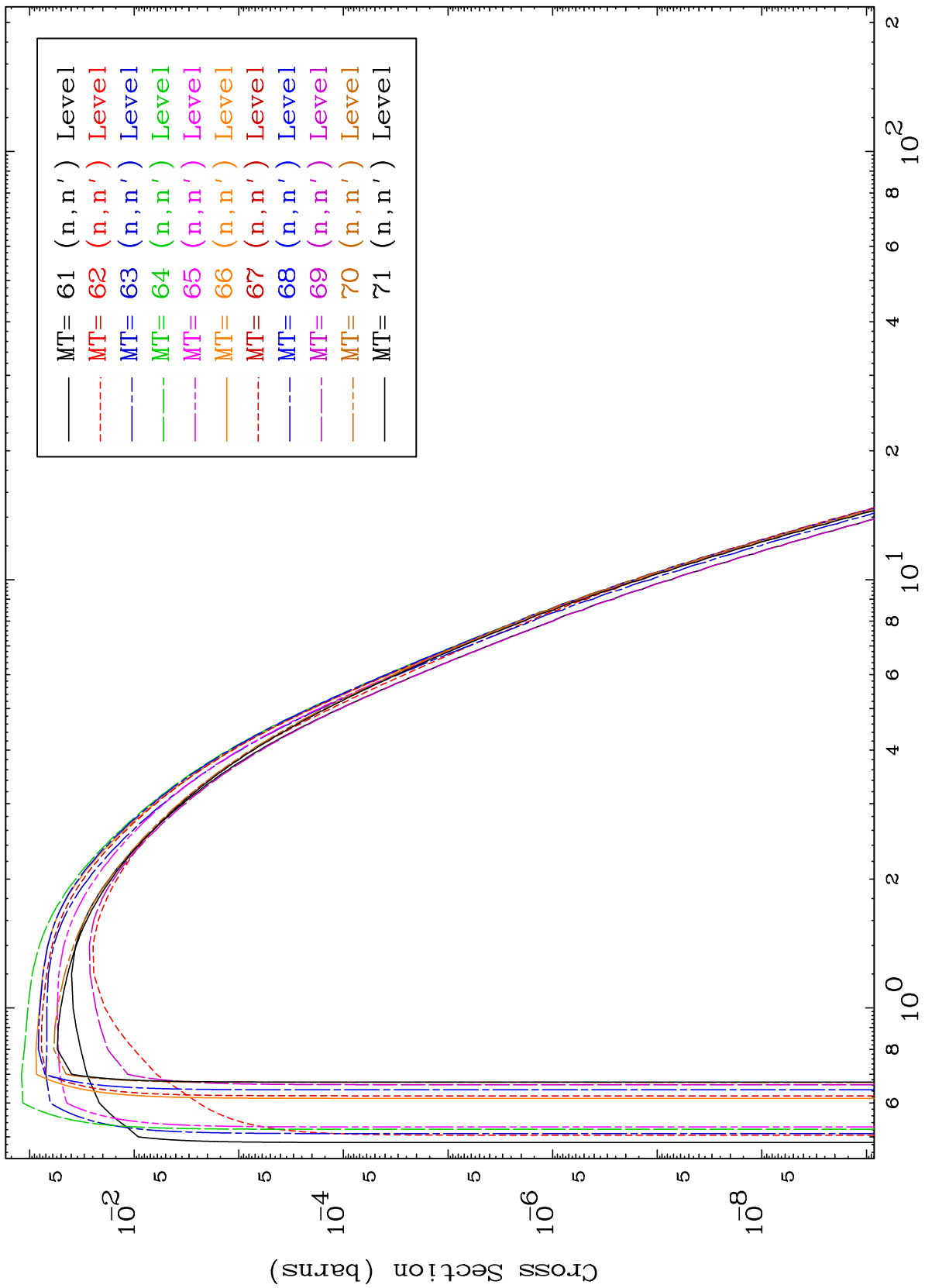
MAT 5935

(n,n') Level
293 Kelvin Cross Sections

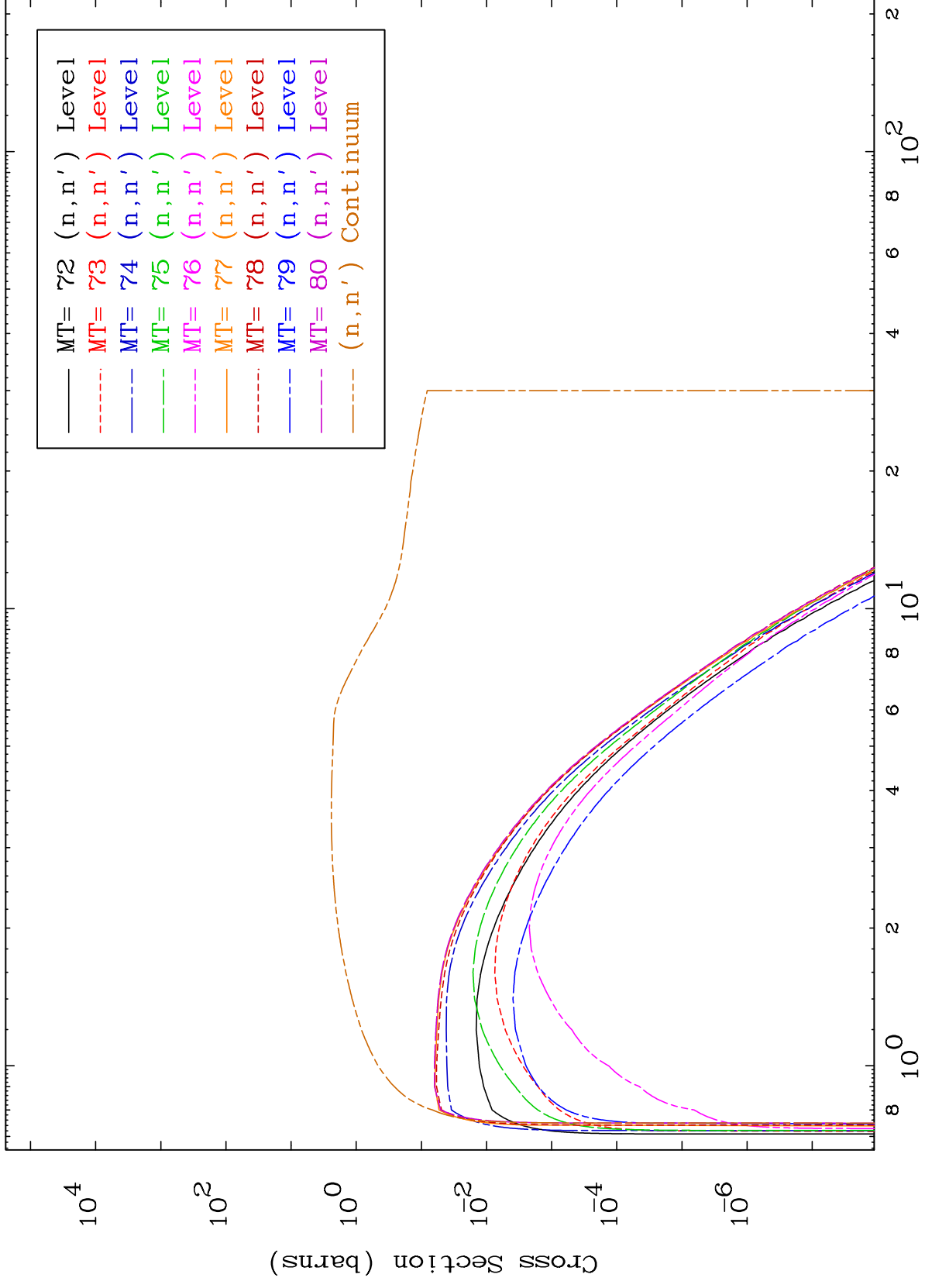
59-Pr-144



293 Kelvin Cross Sections



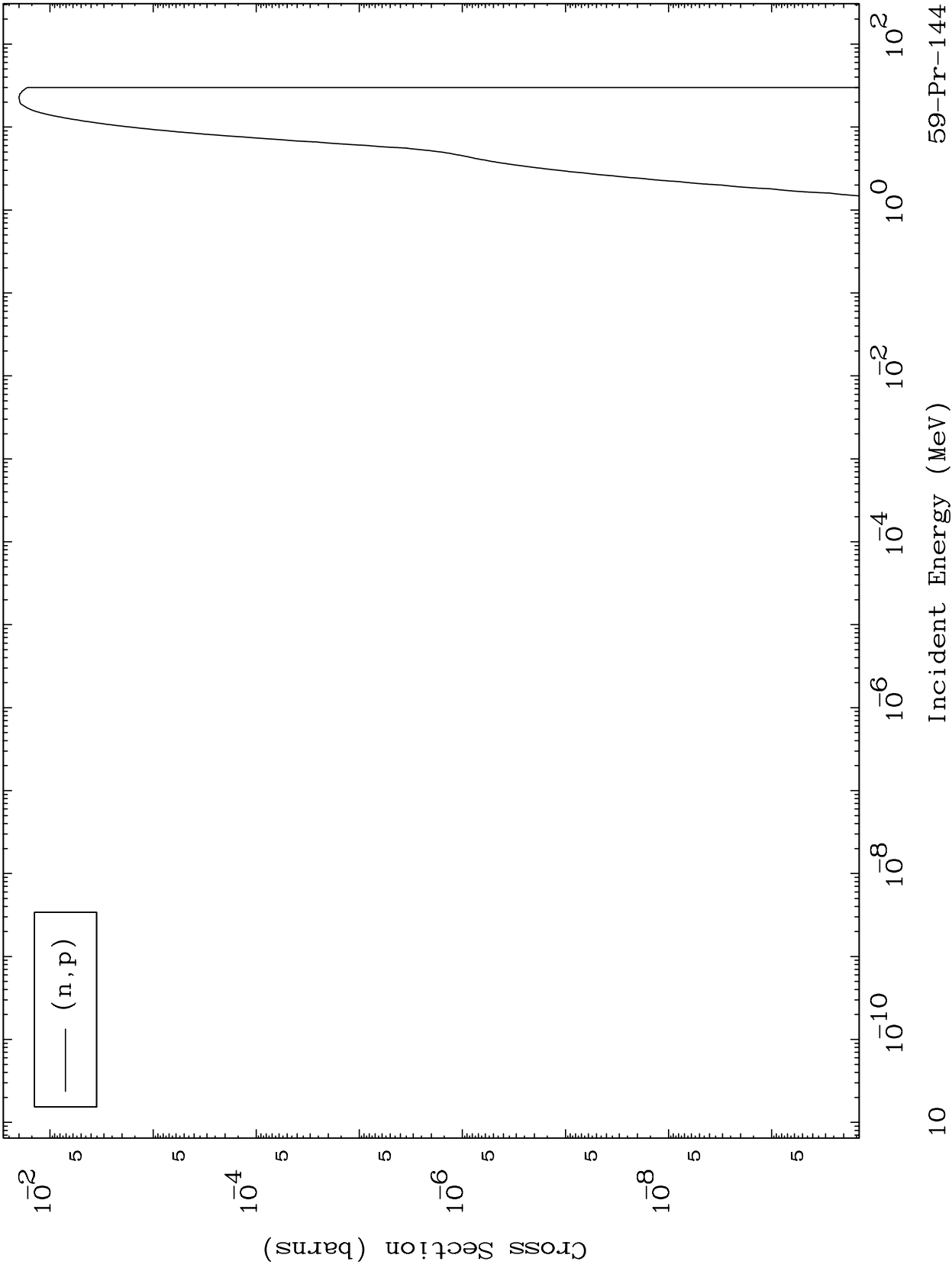
293 Kelvin Cross Sections



MAT 5935

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-144



10

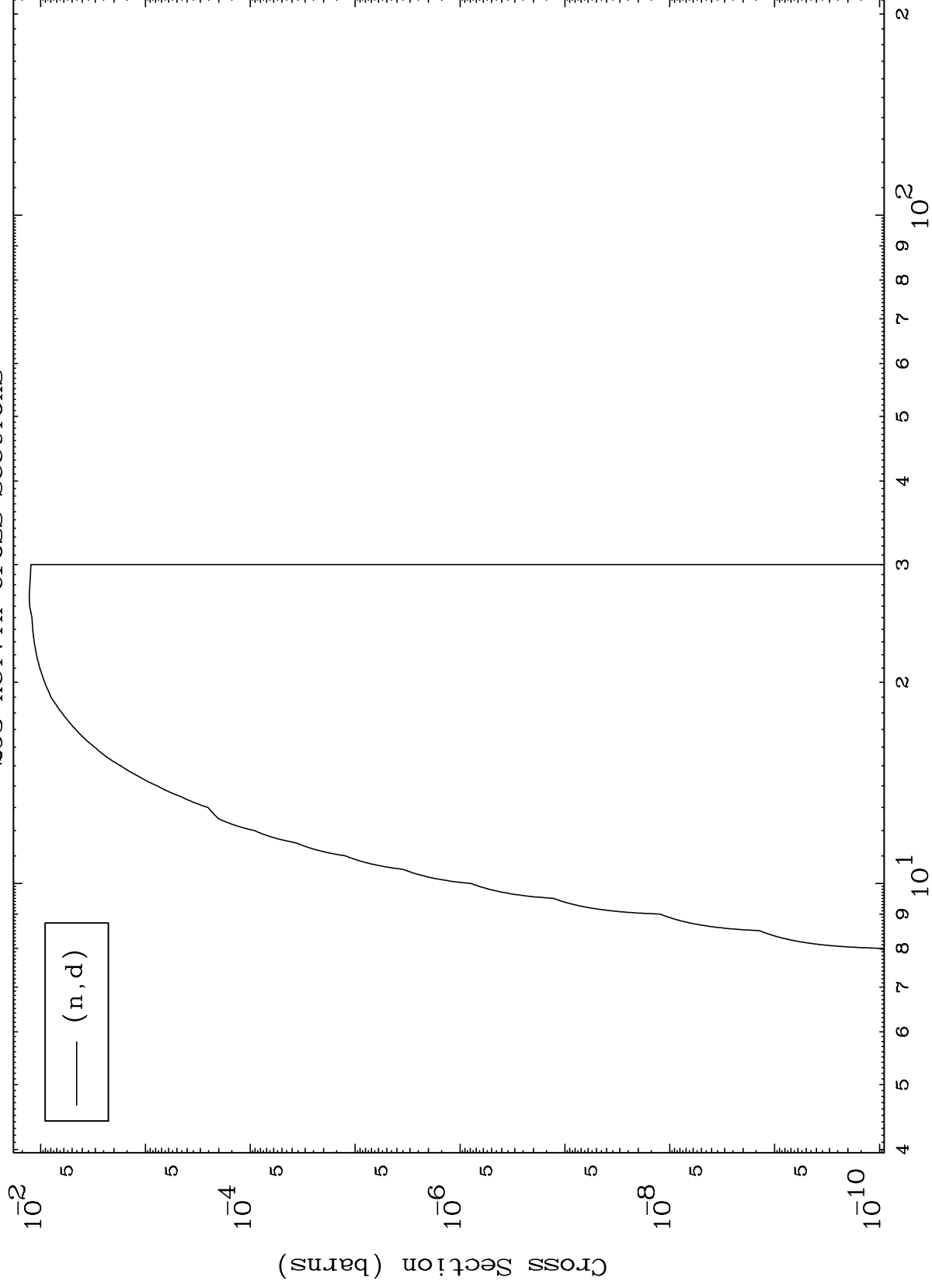
Incident Energy (MeV)

59-Pr-144

MAT 5935

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-144



11

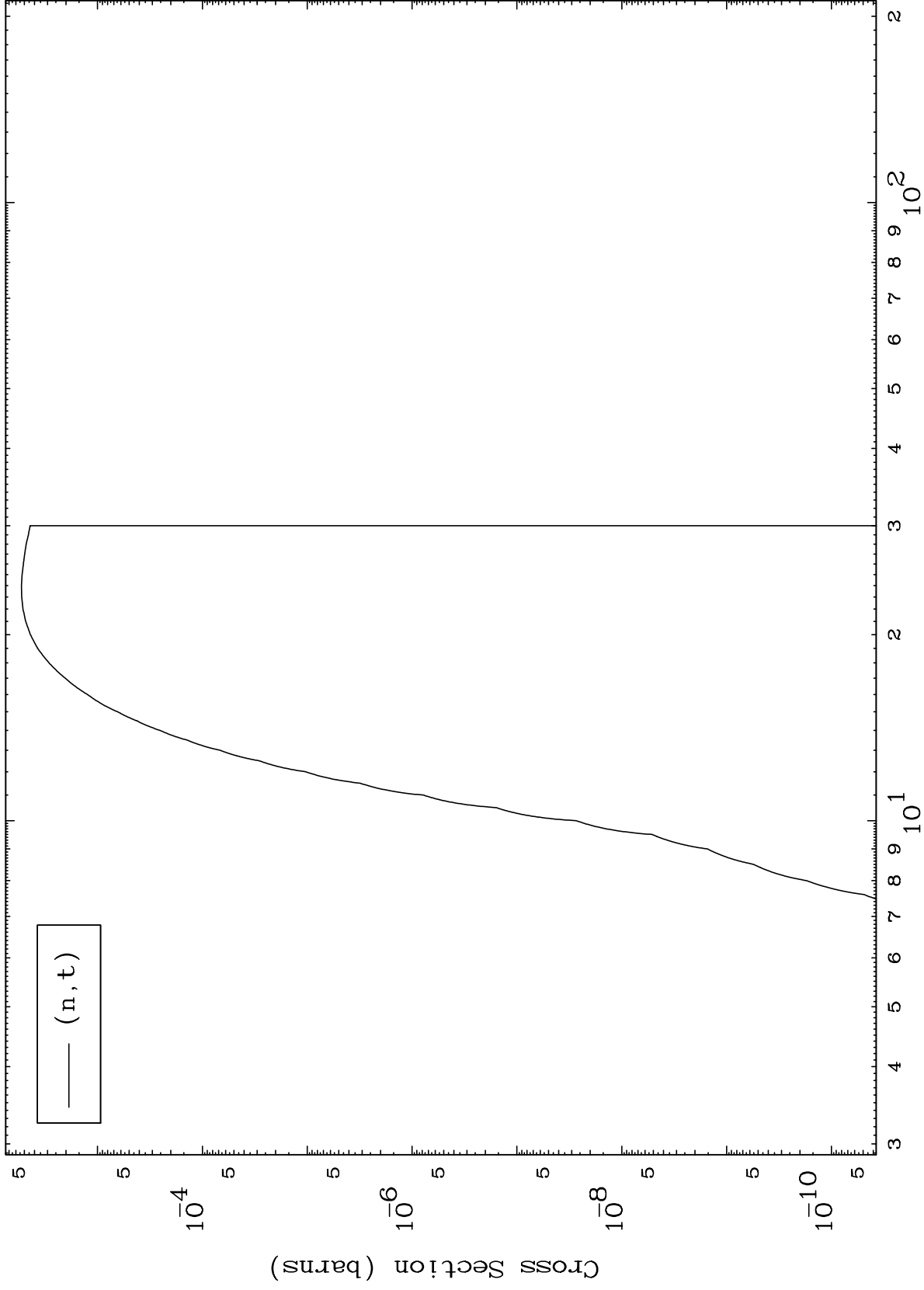
Incident Energy (MeV)

59-Pr-144

MAT 5935

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-144



12

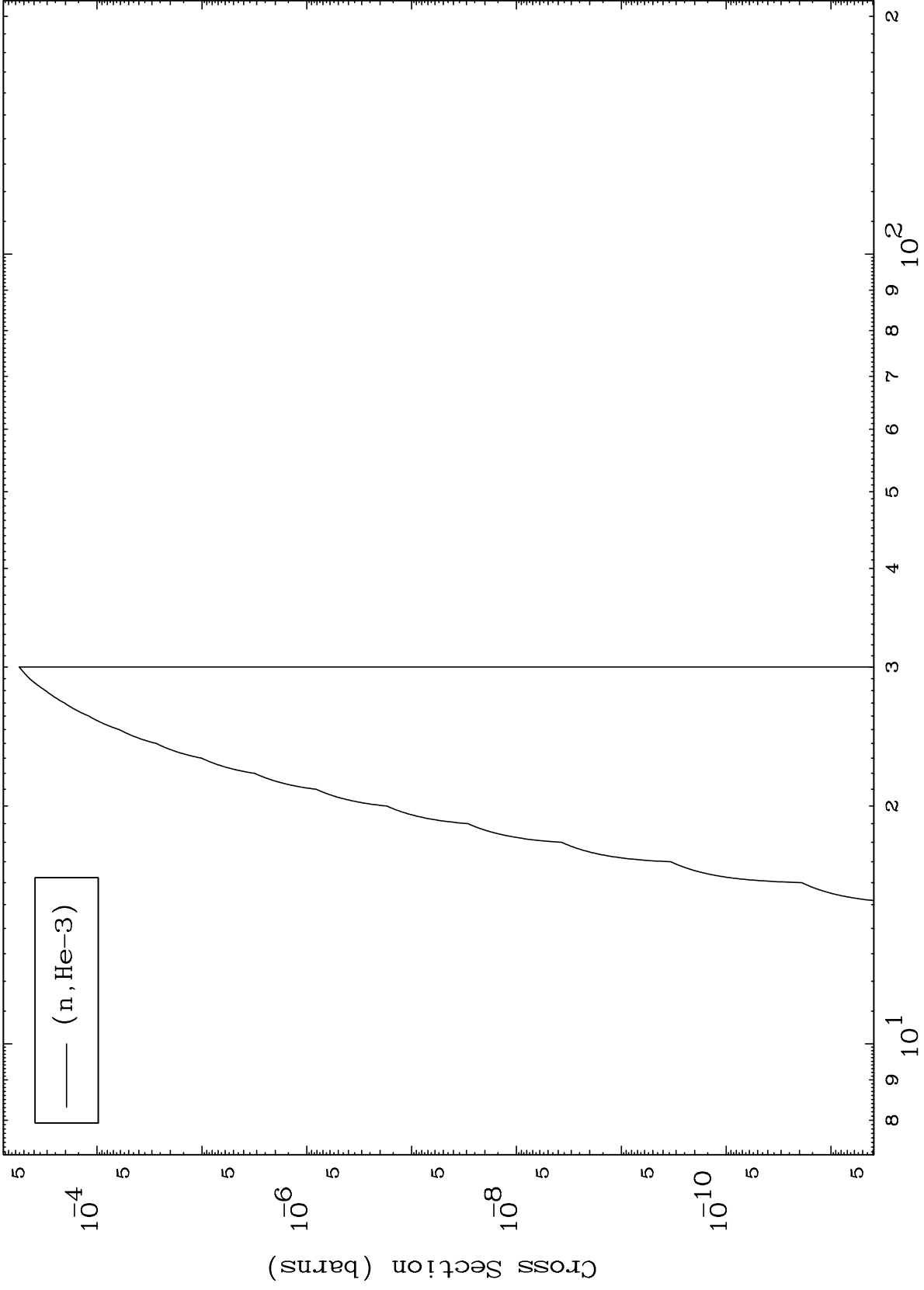
Incident Energy (MeV)

59-Pr-144

MAT 5935

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-144



13

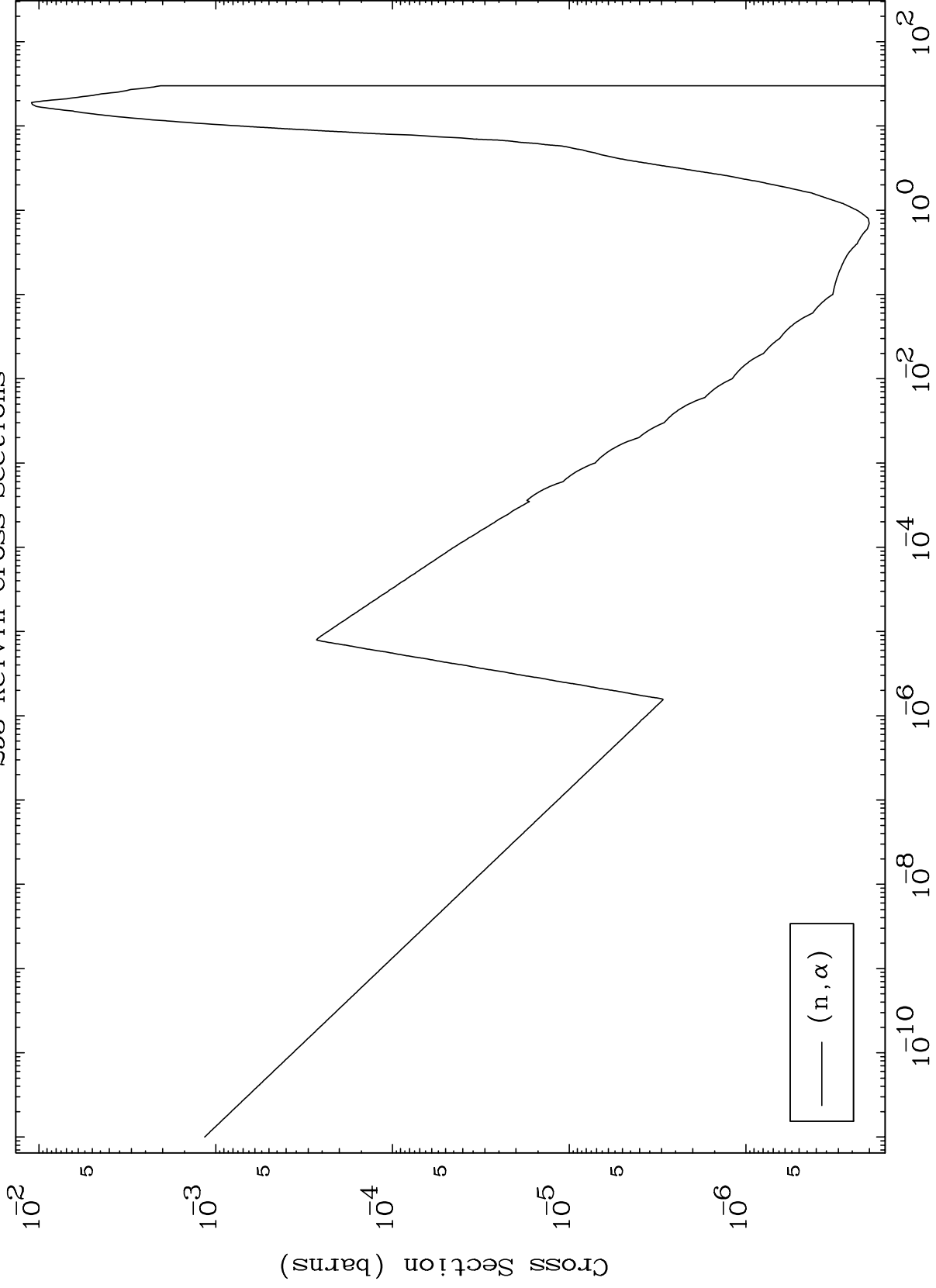
Incident Energy (MeV)

59-Pr-144

MAT 5935

(n,α) Levels
293 Kelvin Cross Sections

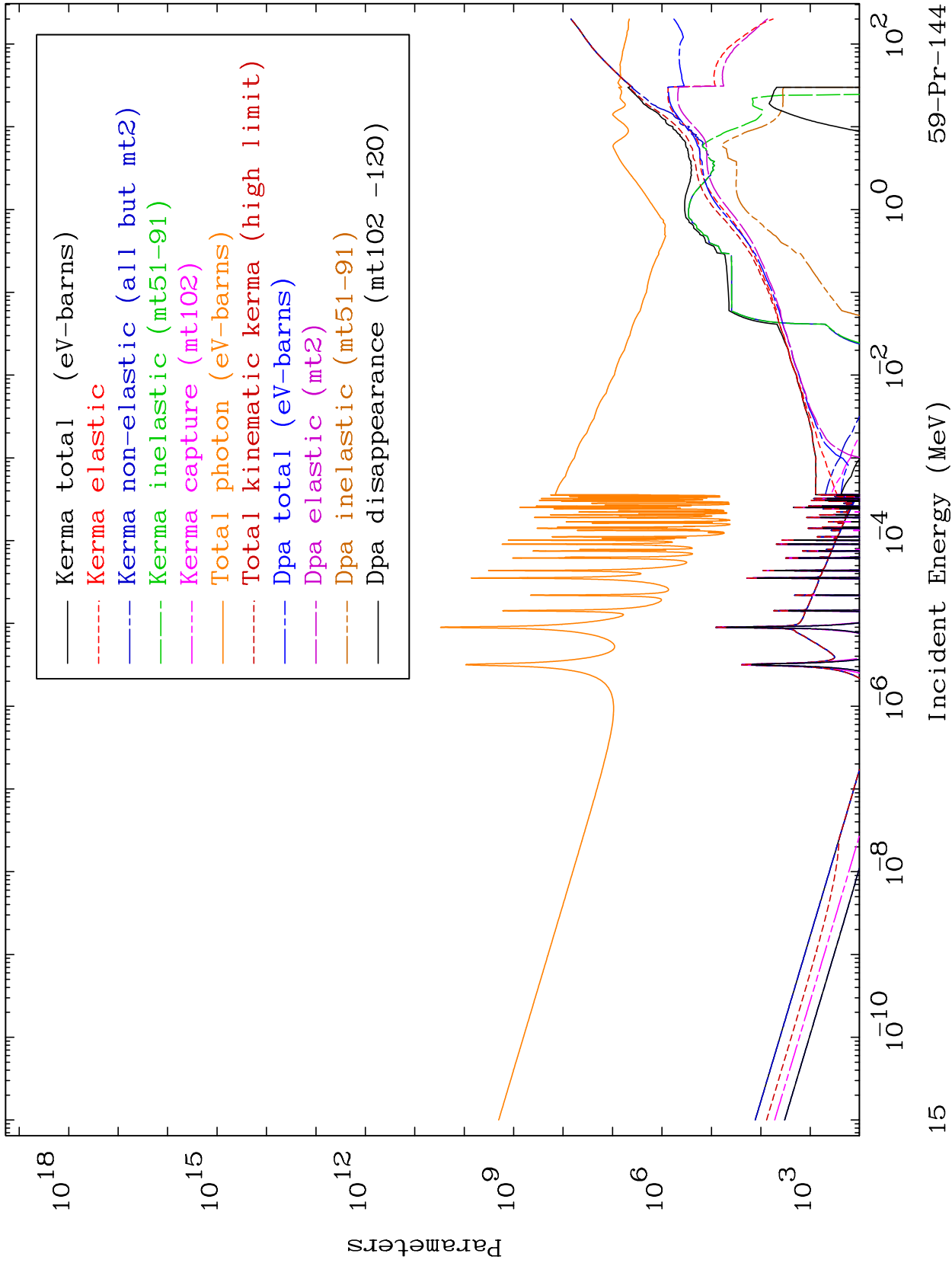
59-Pr-144



14

Incident Energy (MeV)

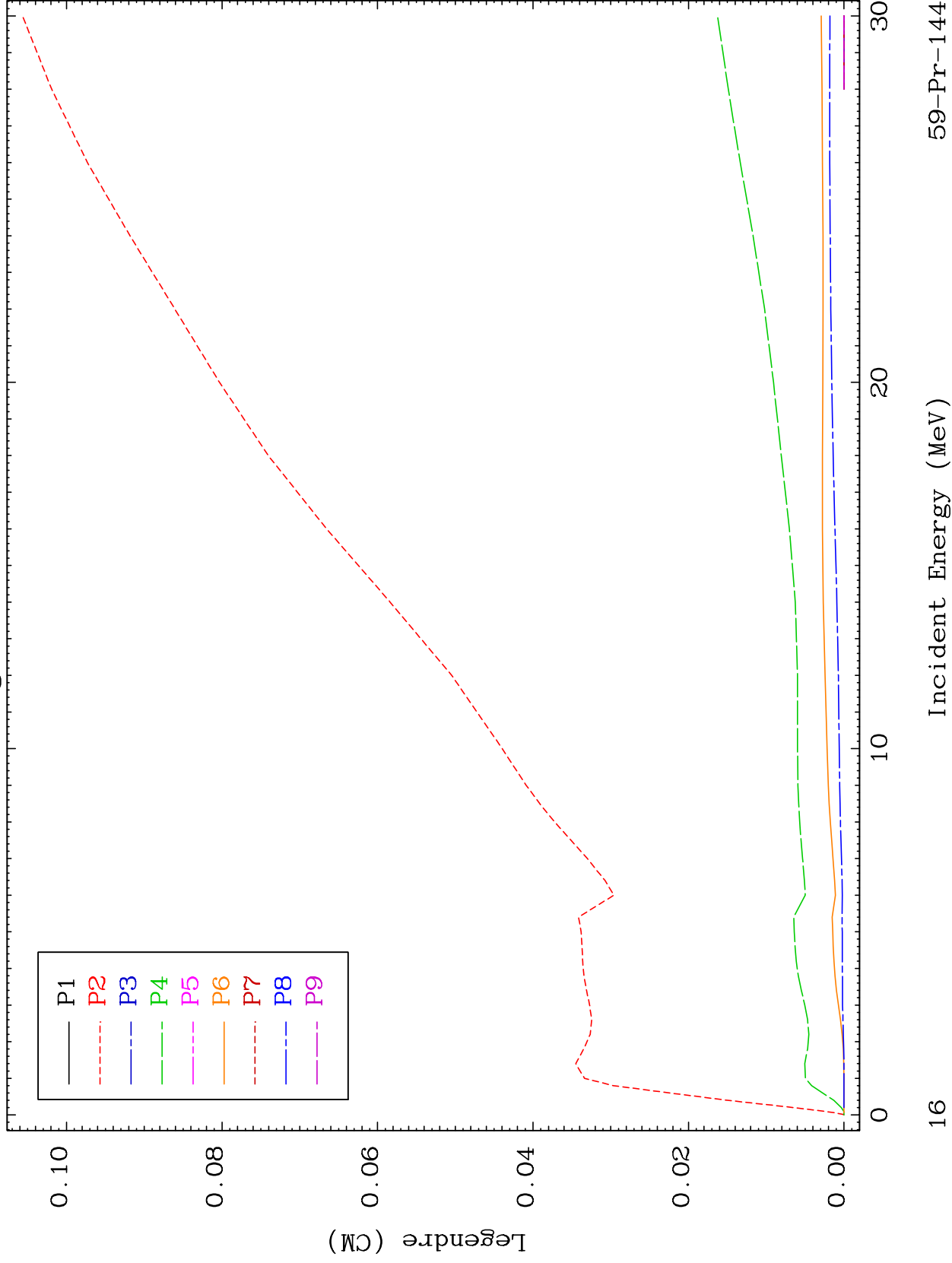
59-Pr-144



MAT 5935

Elastic
Legendre Coefficients

59-Pr-144



16

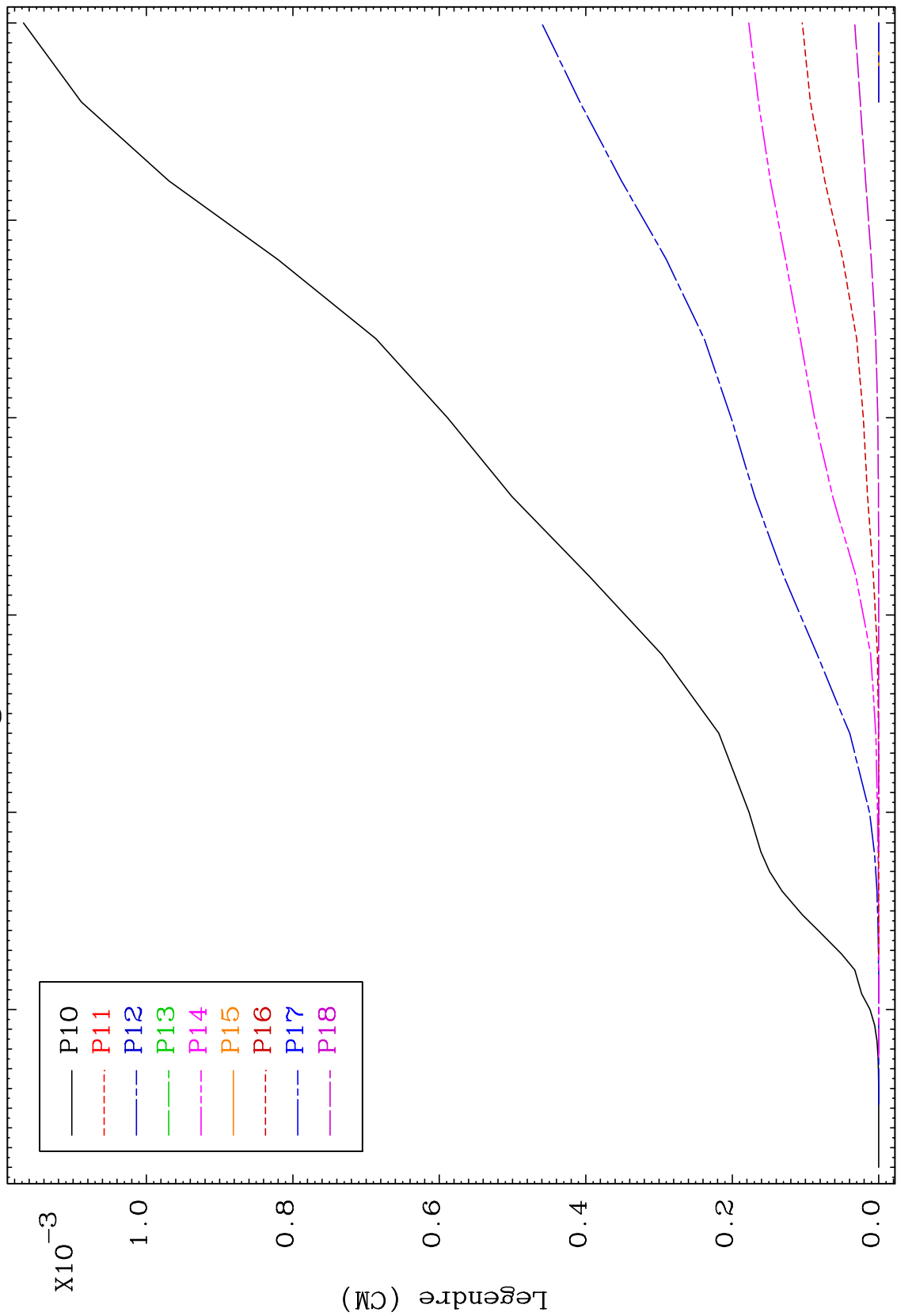
Incident Energy (MeV)

59-Pr-144

MAT 5935

Elastic Legendre Coefficients

59-Pr-144



17

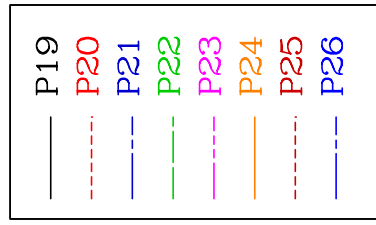
59-Pr-144

Incident Energy (MeV)

MAT 5935

Elastic
Legendre Coefficients

59-Pr-144



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

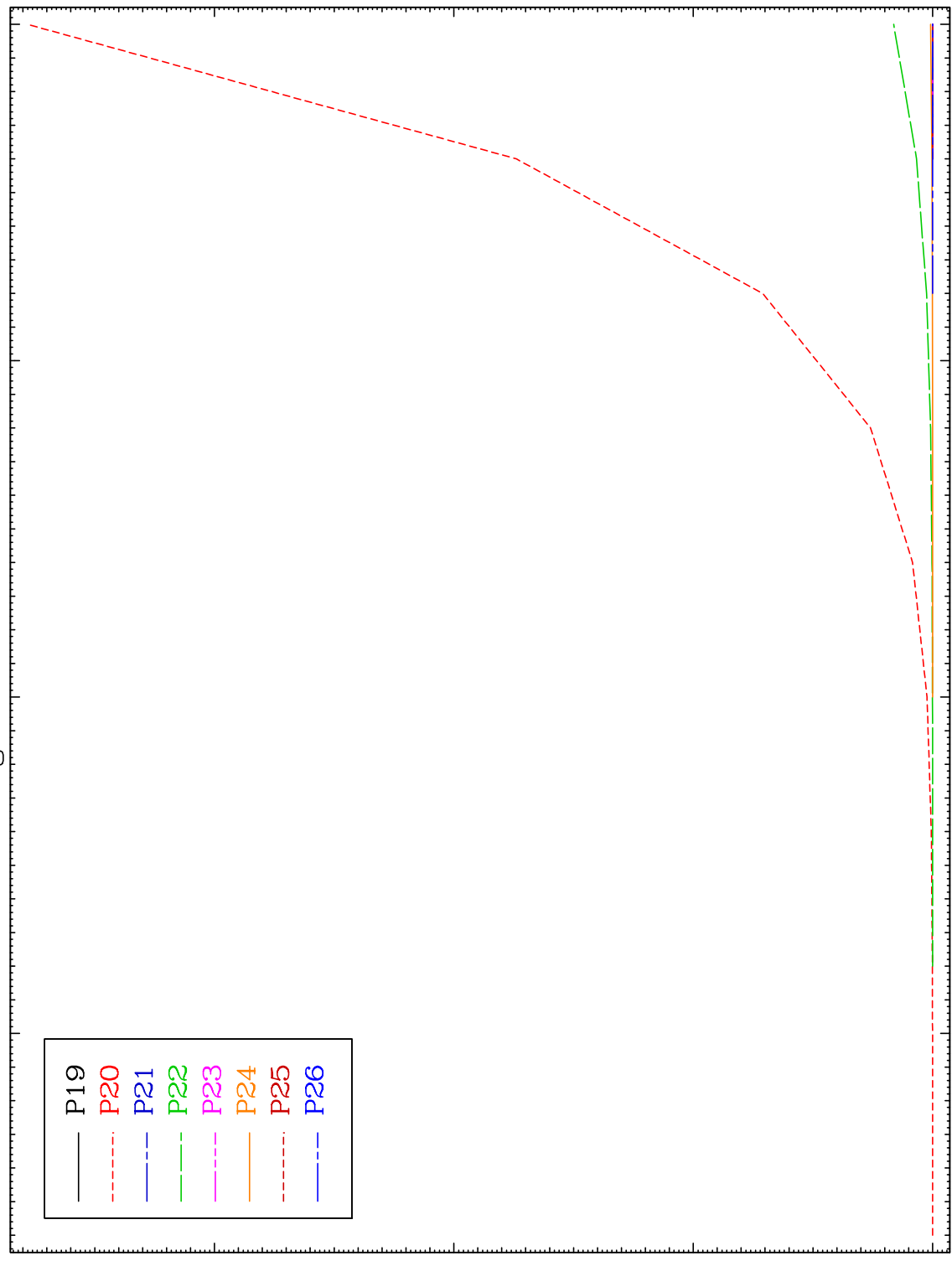
25

30

18

Incident Energy (MeV)

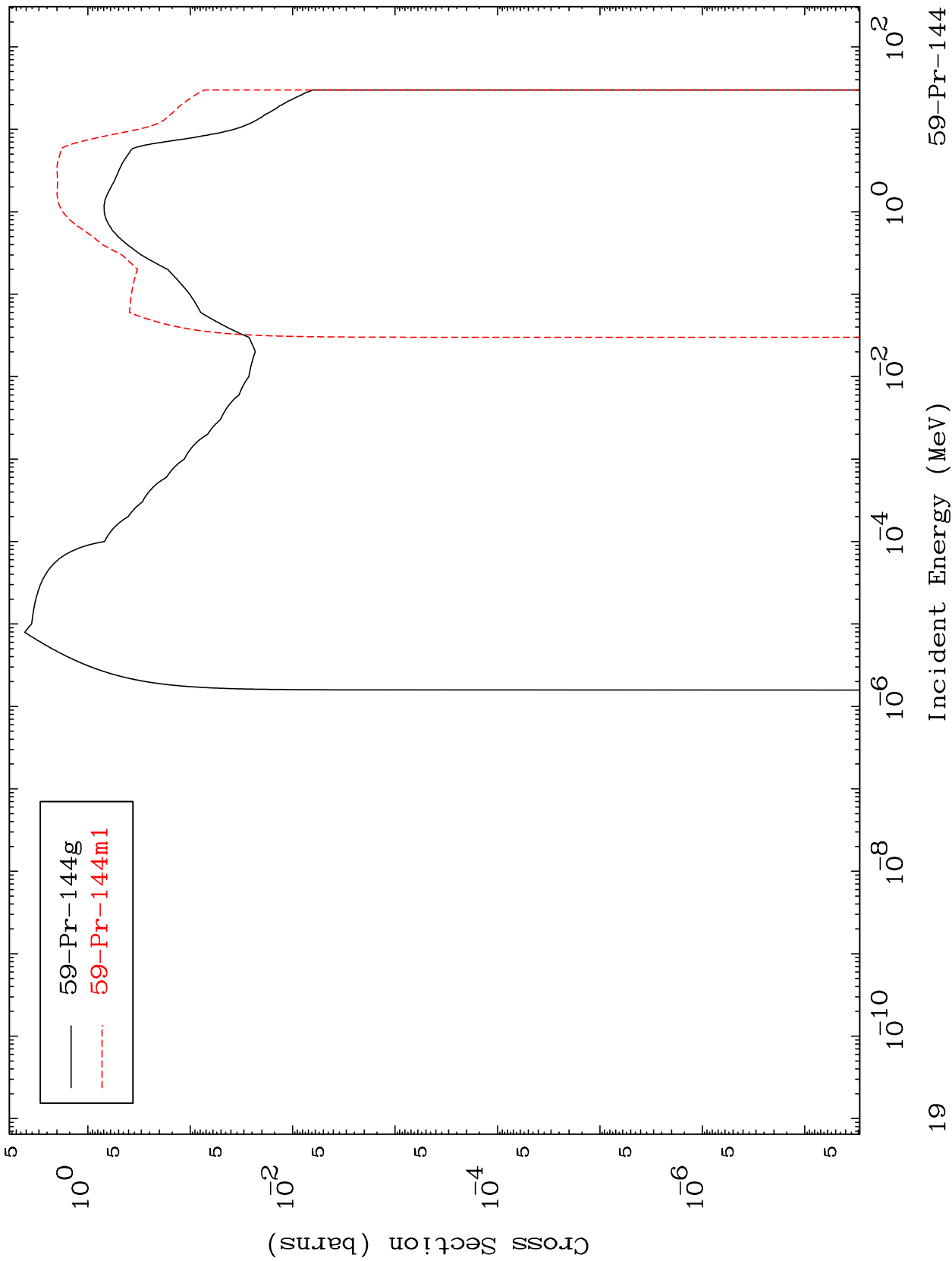
59-Pr-144



MAT 5935

59-Pr-144

Inelastic
Radionuclide Production Cross Section

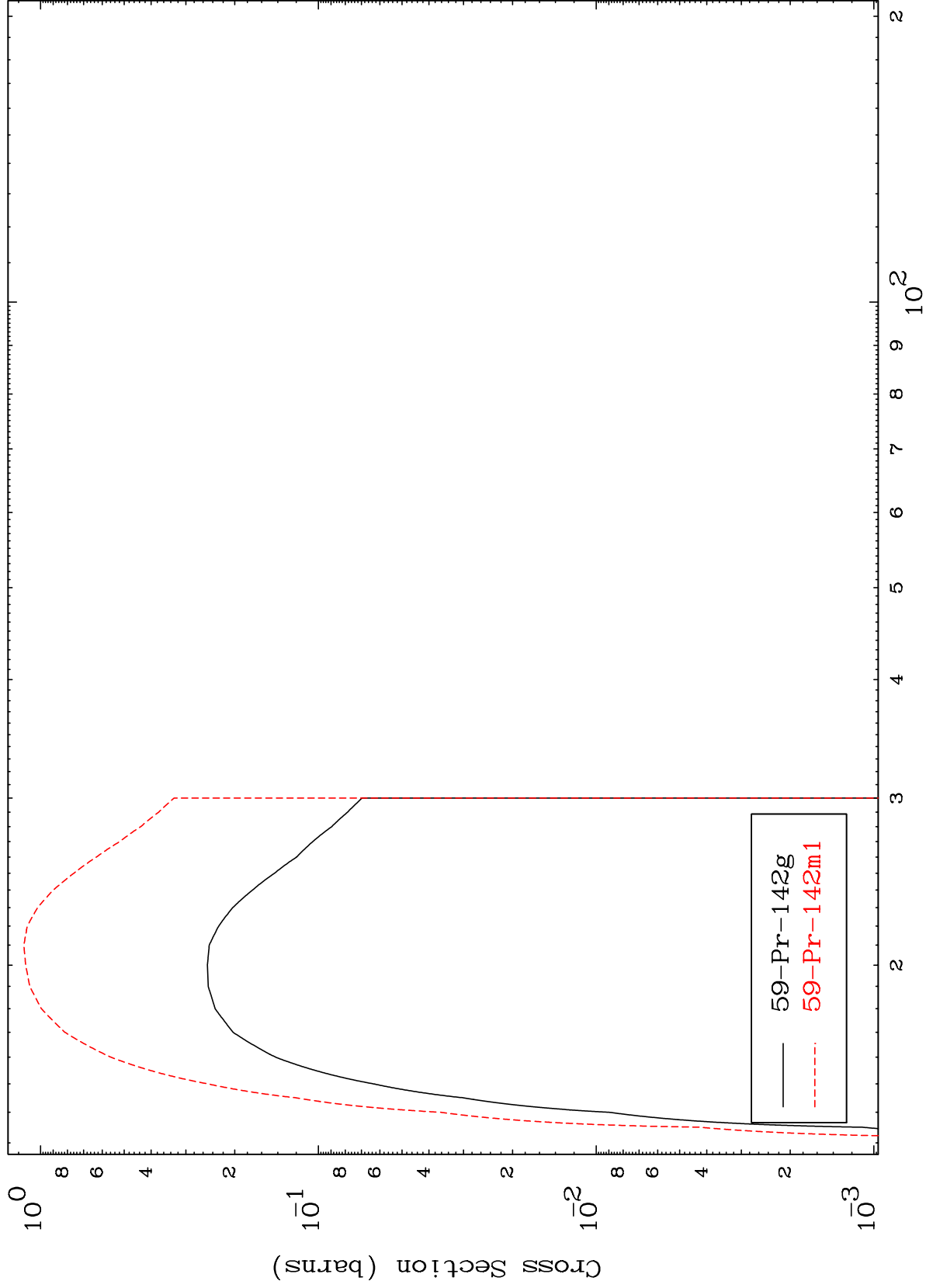


MAT 5935

(n,3n)

59-Pr-144

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-144

MAT 5935

(n,n') 2α

59-Pr-144

Radionuclide Production Cross Section

