

Program EVALPLOT  
(Version 2018-1)

by

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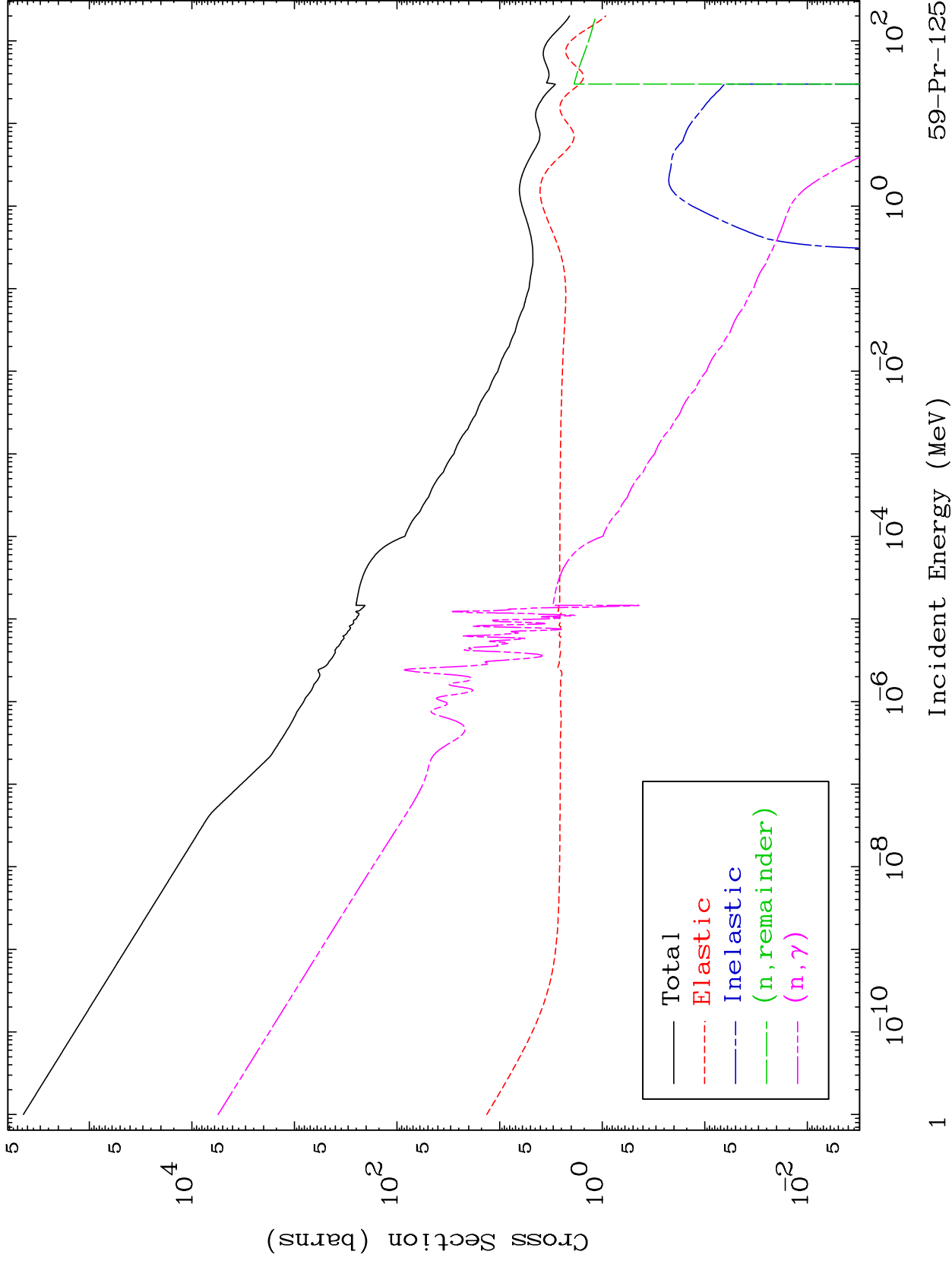
Press Mouse Button to Start

MAT 58777

Major

293 Kelvin Cross Sections

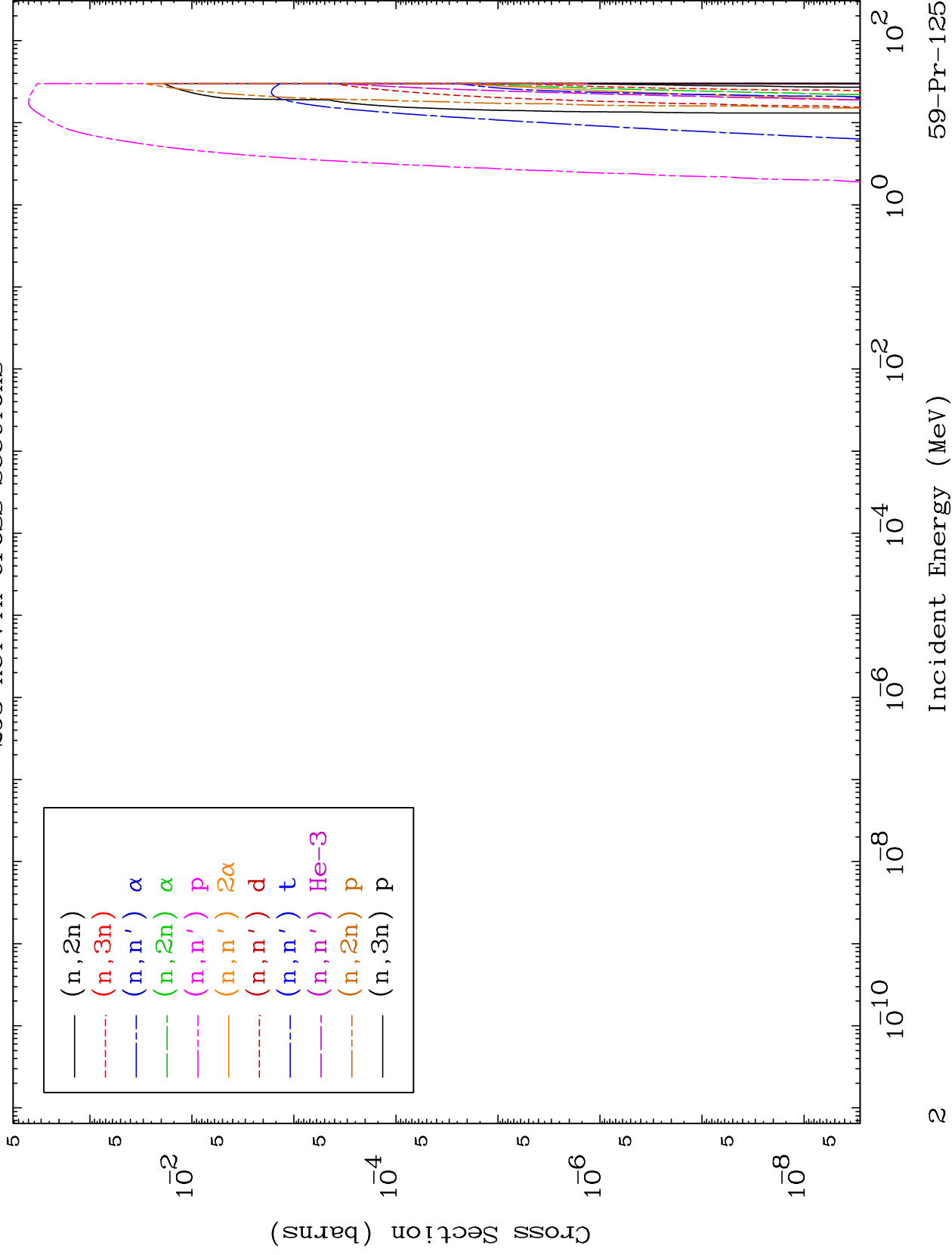
59-Pr-125



MAT 5877

Neutron Production  
293 Kelvin Cross Sections

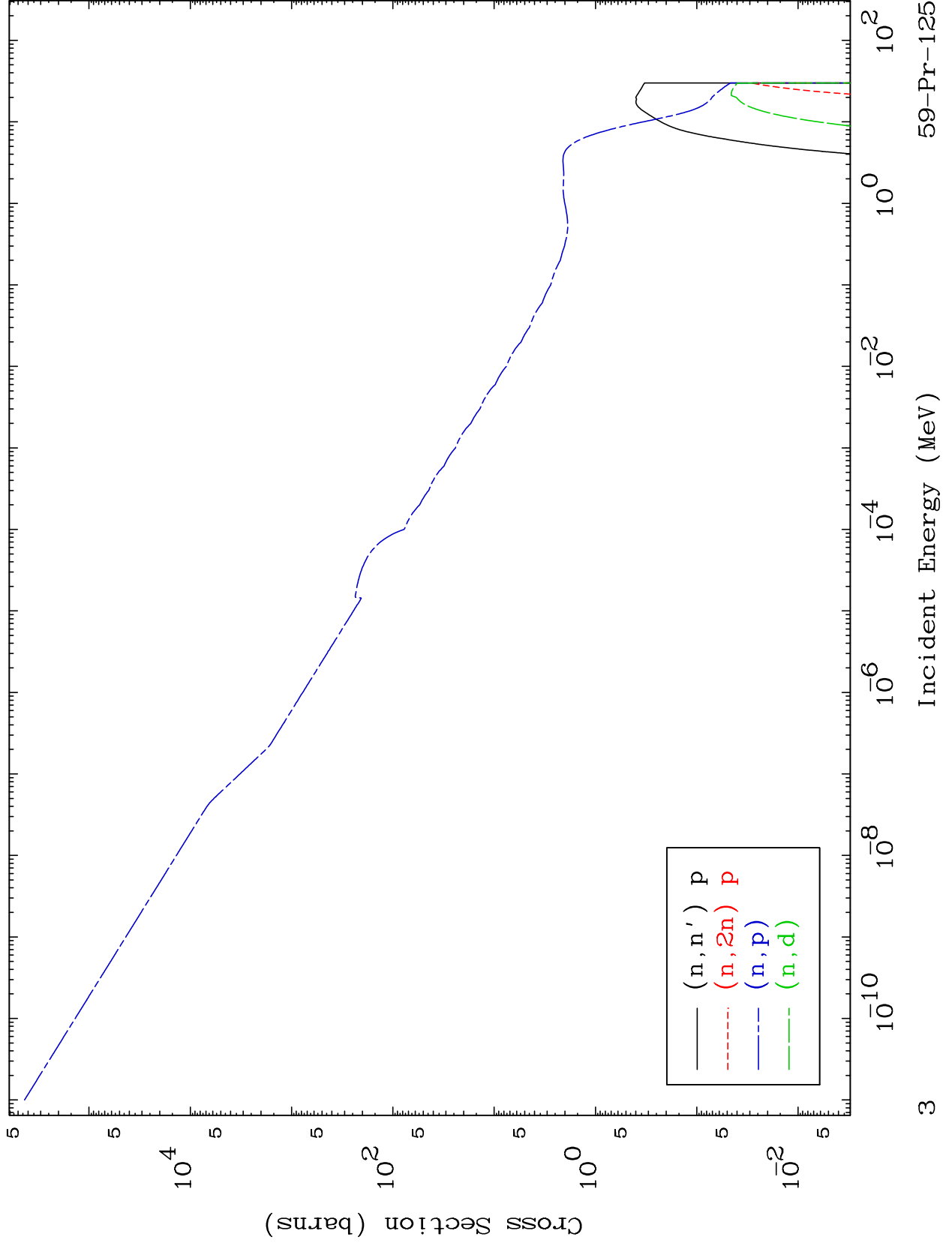
59-Pr-125



MAT 58777

Charged Particle  
293 Kelvin Cross Sections

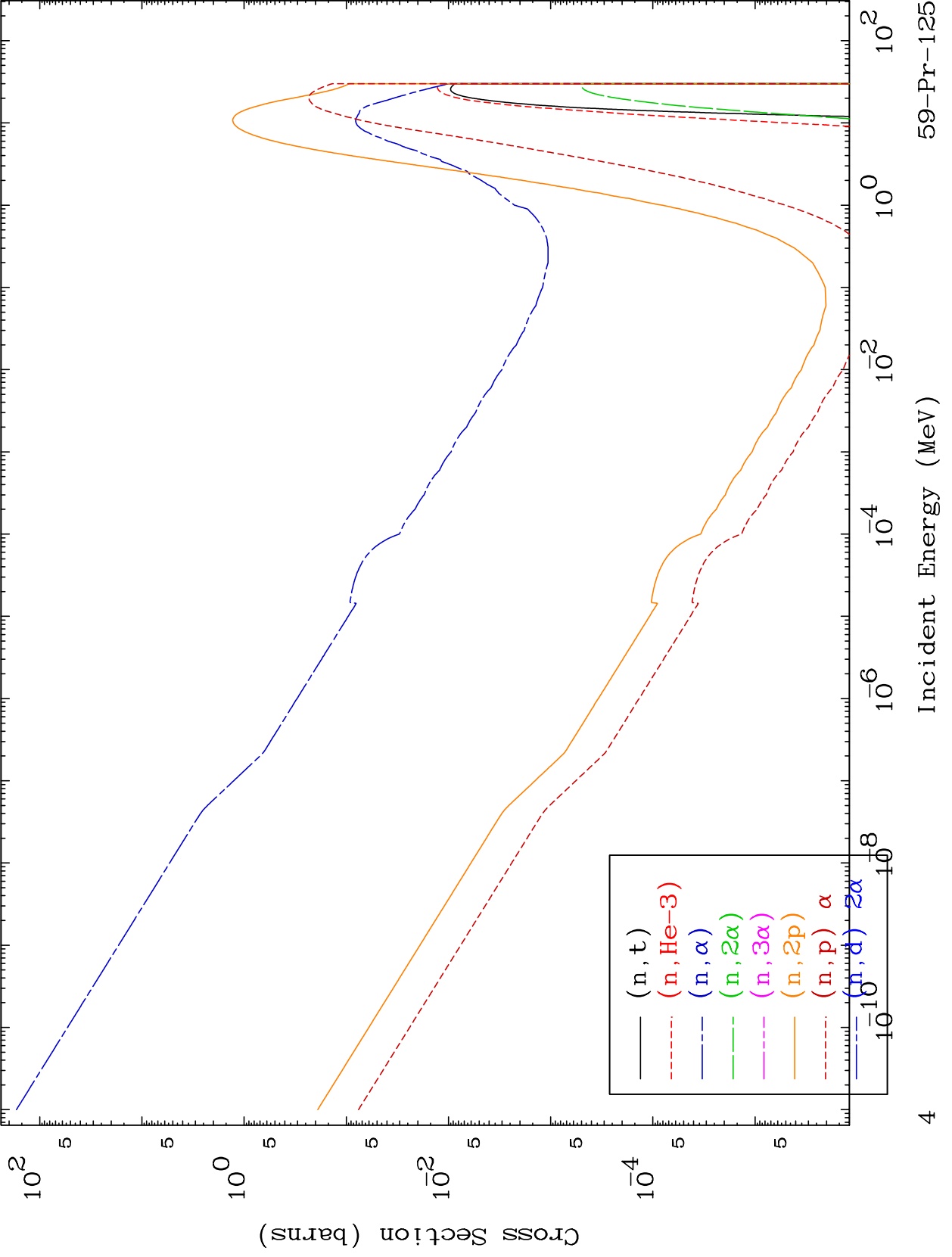
59-Pr-125



MAT 58777

Charged Particle  
293 Kelvin Cross Sections

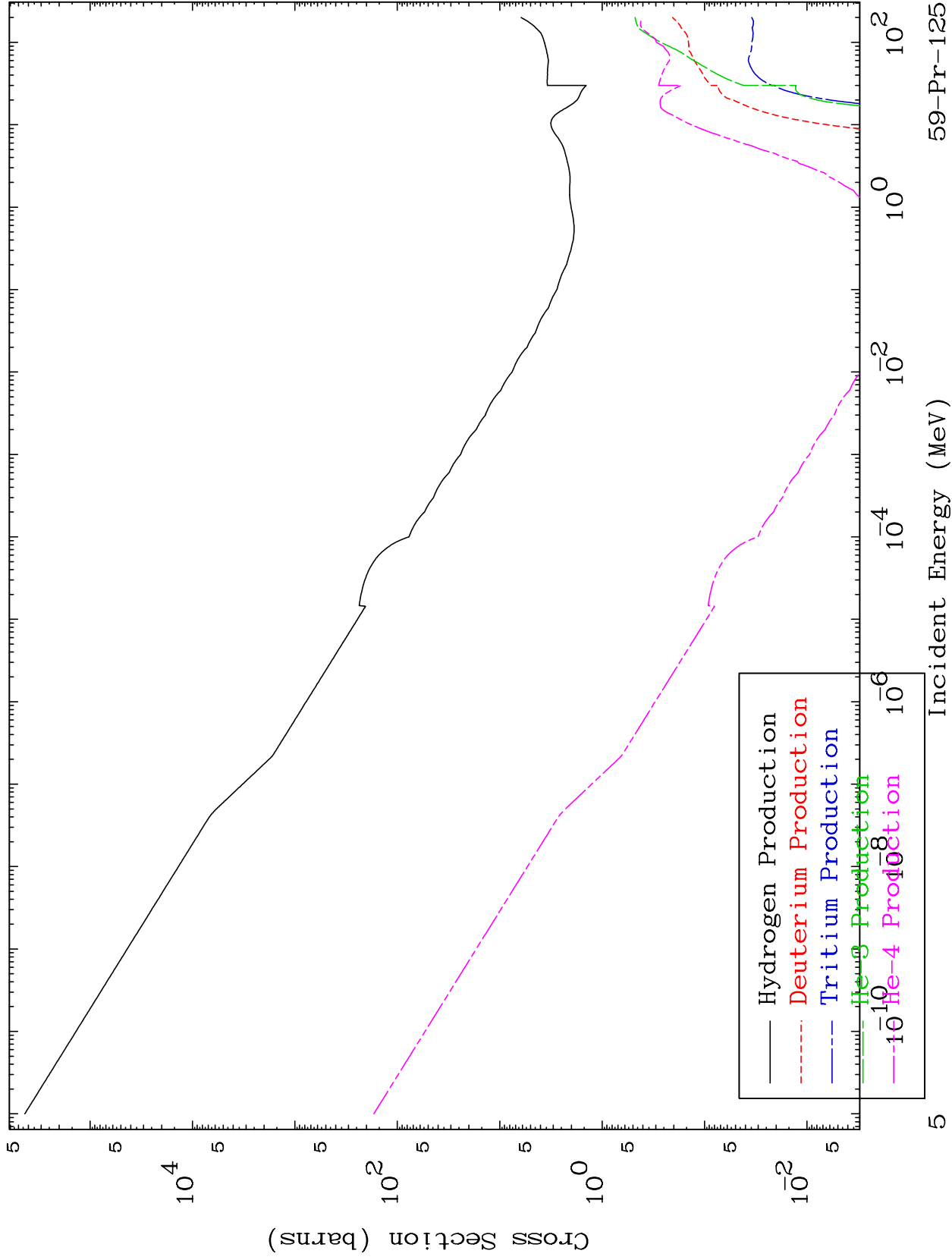
59-Pr-125



MAT 58777

Particle Production  
293 Kelvin Cross Sections

59-Pr-125



59-Pr-125

Incident Energy (MeV)

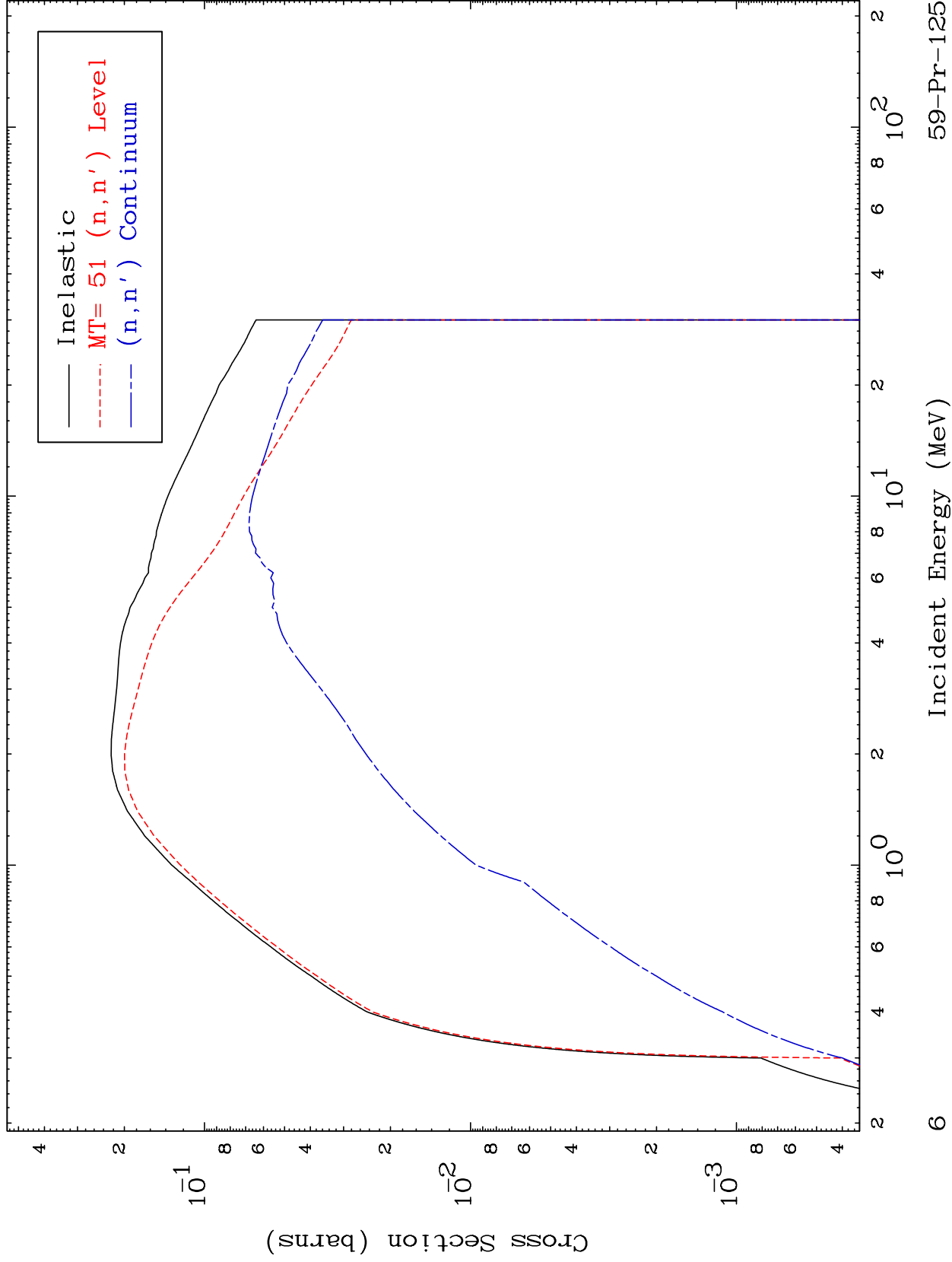
5

MAT 58777

(n,n') Level

59-Pr-125

293 Kelvin Cross Sections



59-Pr-125

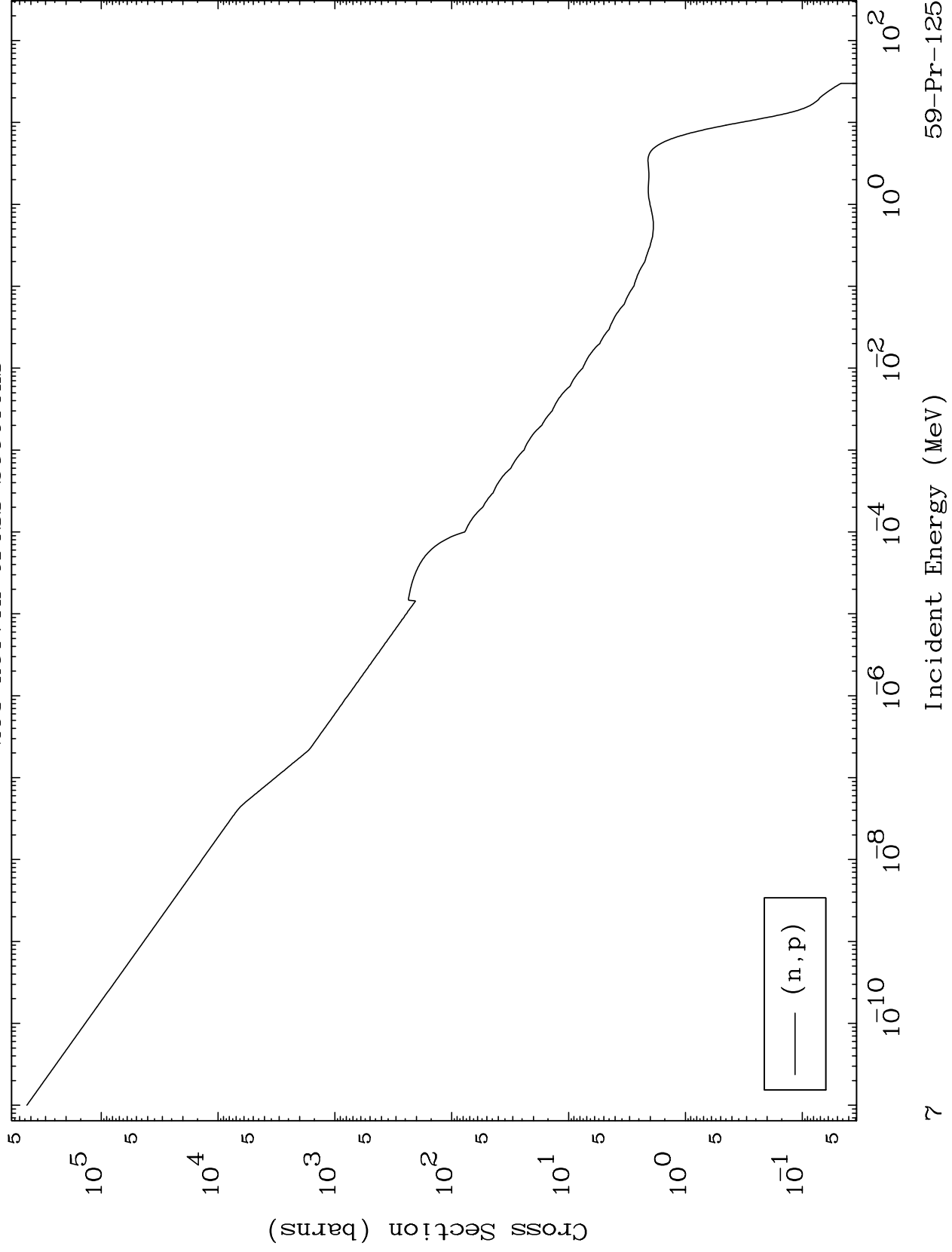
Incident Energy (MeV)

6

MAT 58777

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-125

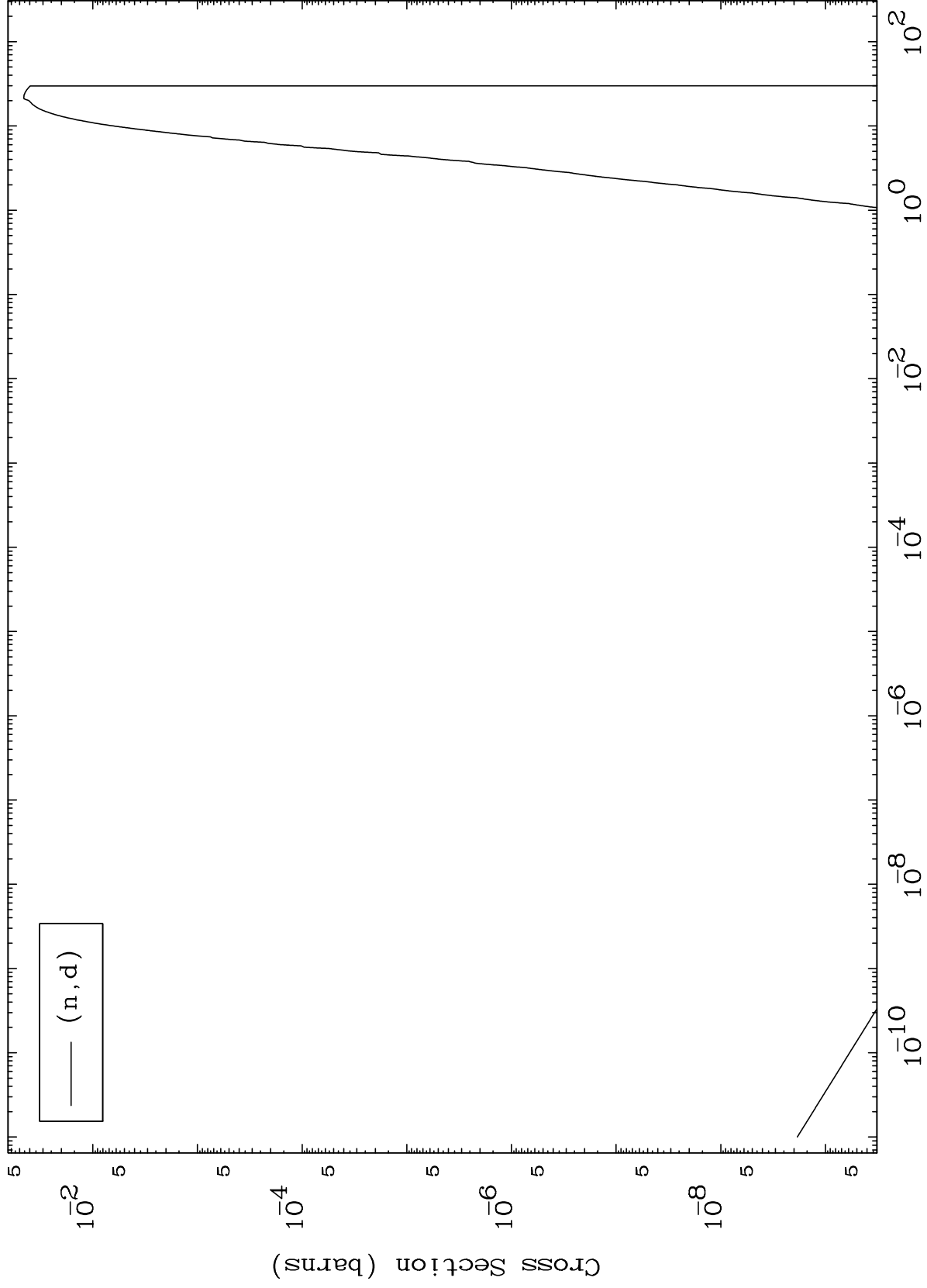




MAT 58777

(n,d) Levels  
293 Kelvin Cross Sections

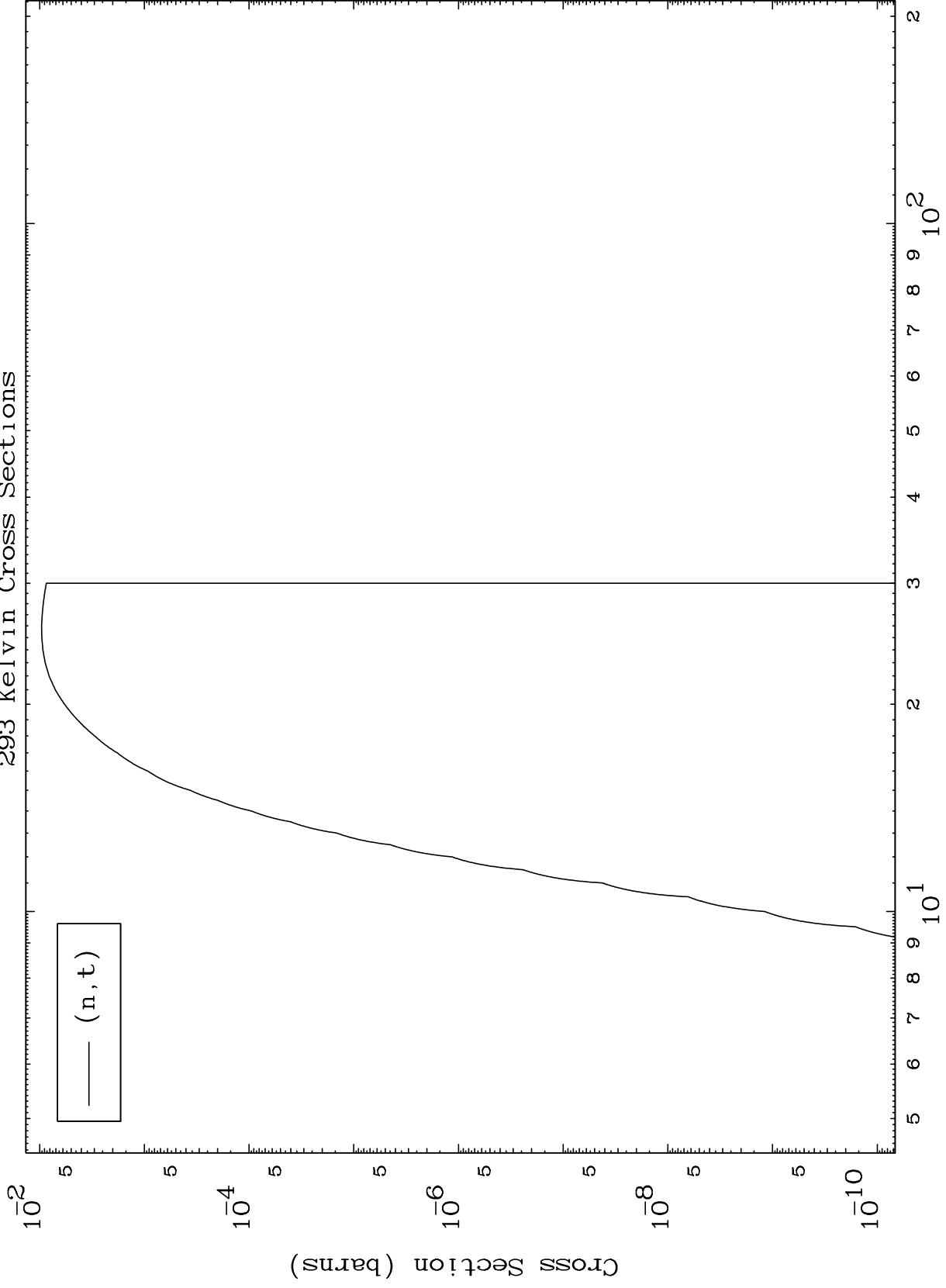
59-Pr-125



MAT 5877

(n,t) Levels  
293 Kelvin Cross Sections

59-Pr-125



9

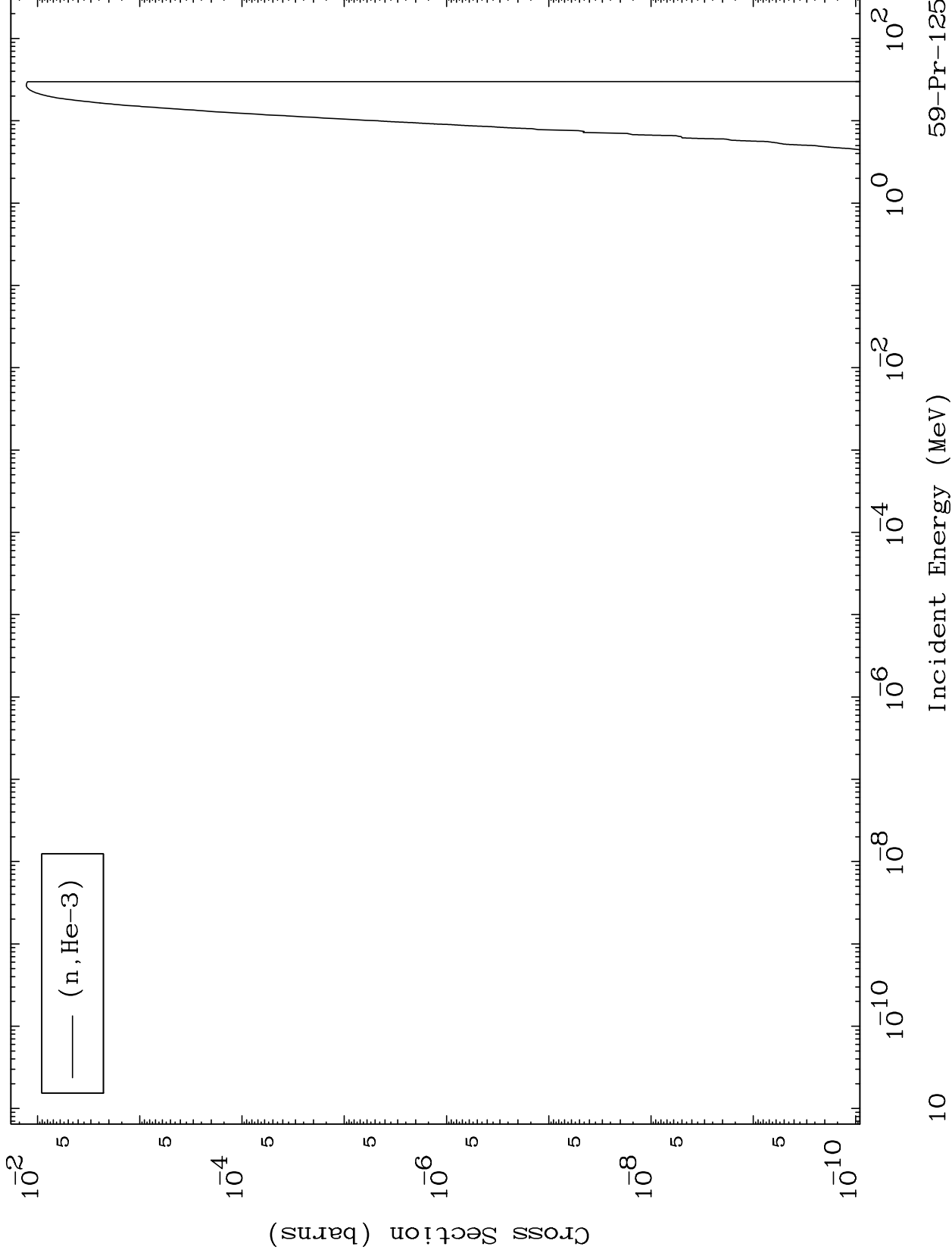
Incident Energy (MeV)

59-Pr-125

MAT 5877

(n,He3) Levels  
293 Kelvin Cross Sections

59-Pr-125



10

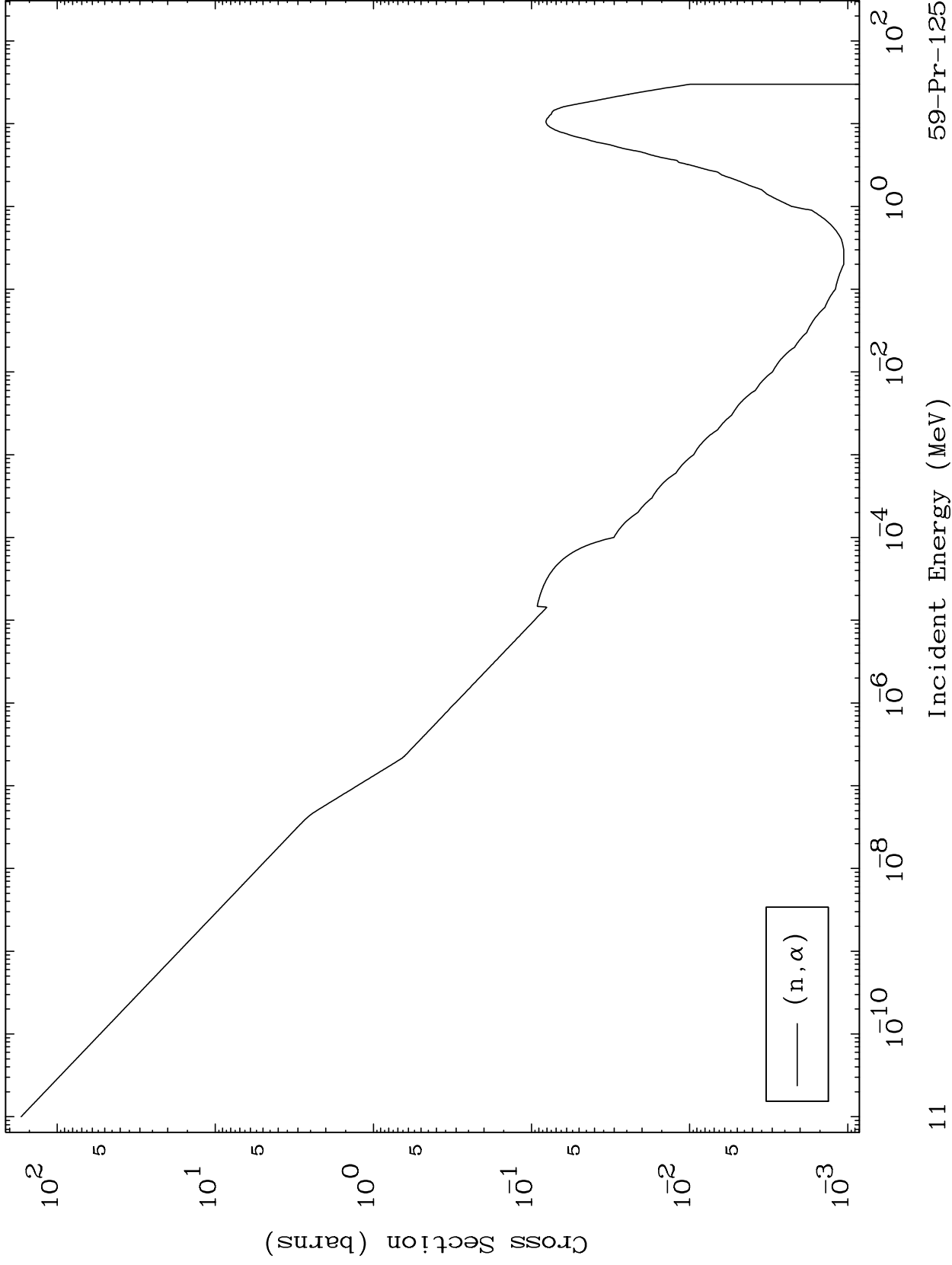
Incident Energy (MeV)

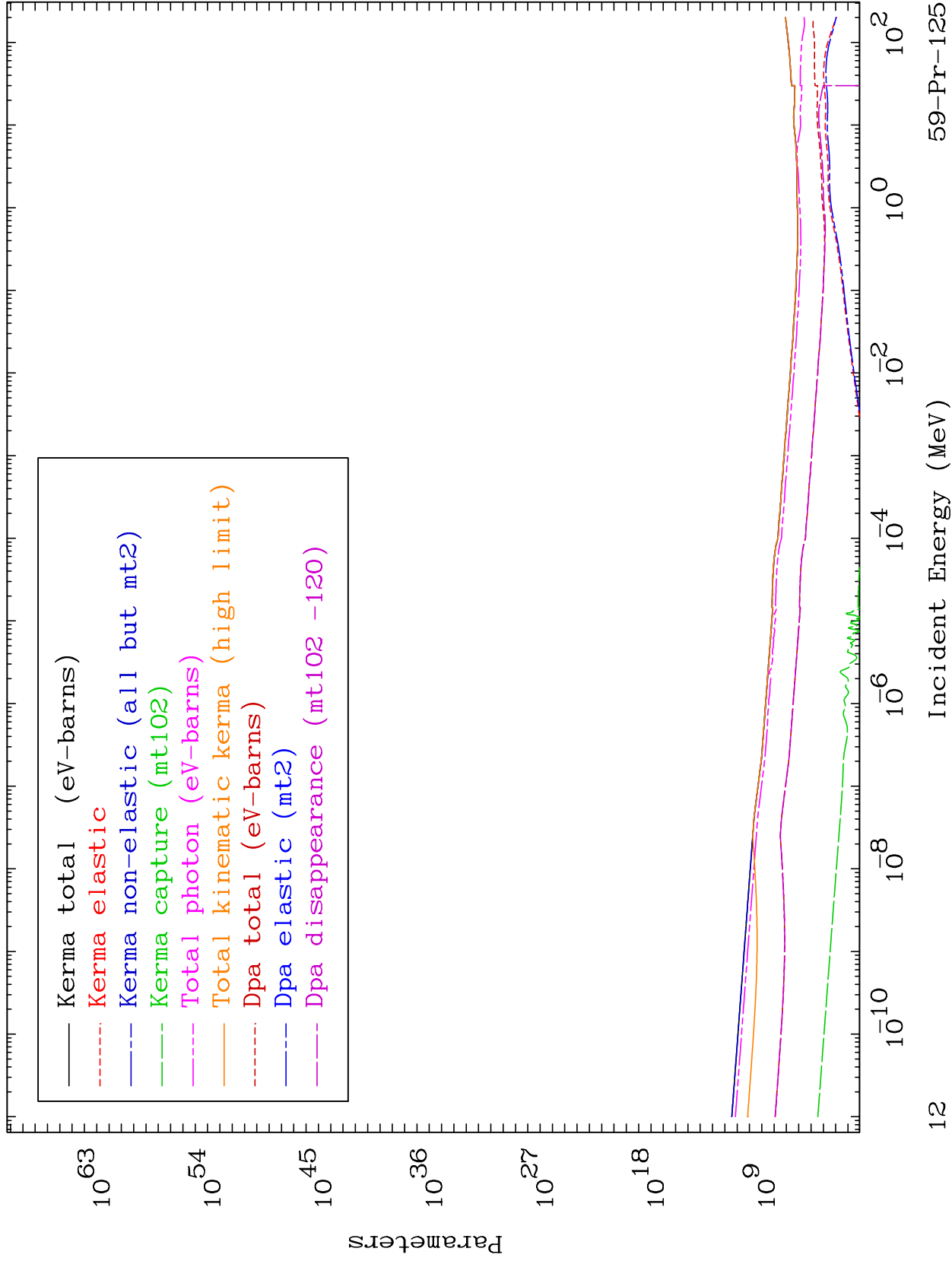
59-Pr-125

MAT 58777

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

59-Pr-125

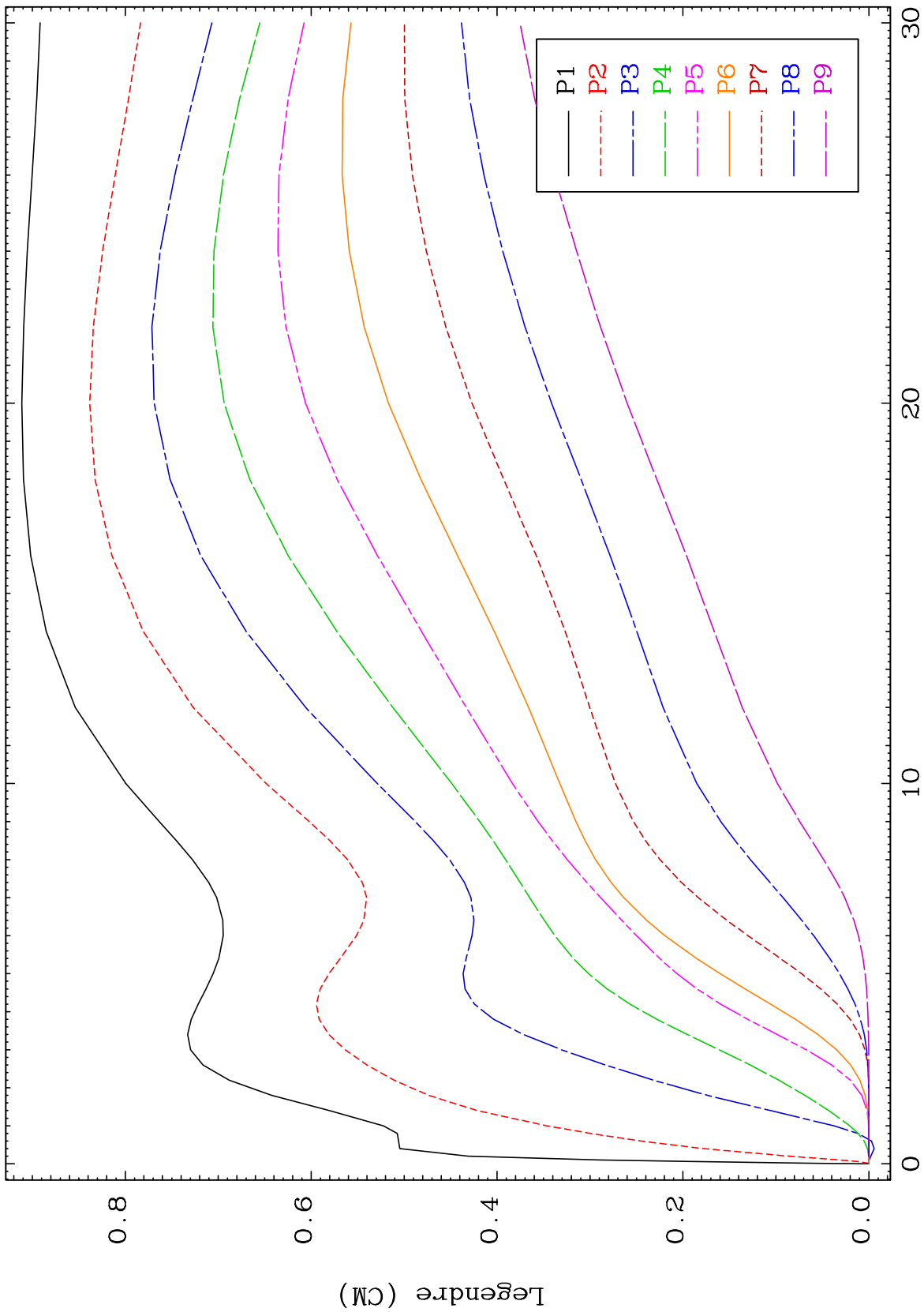




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Elastic Legendre Coefficients

59-Pr-125



13

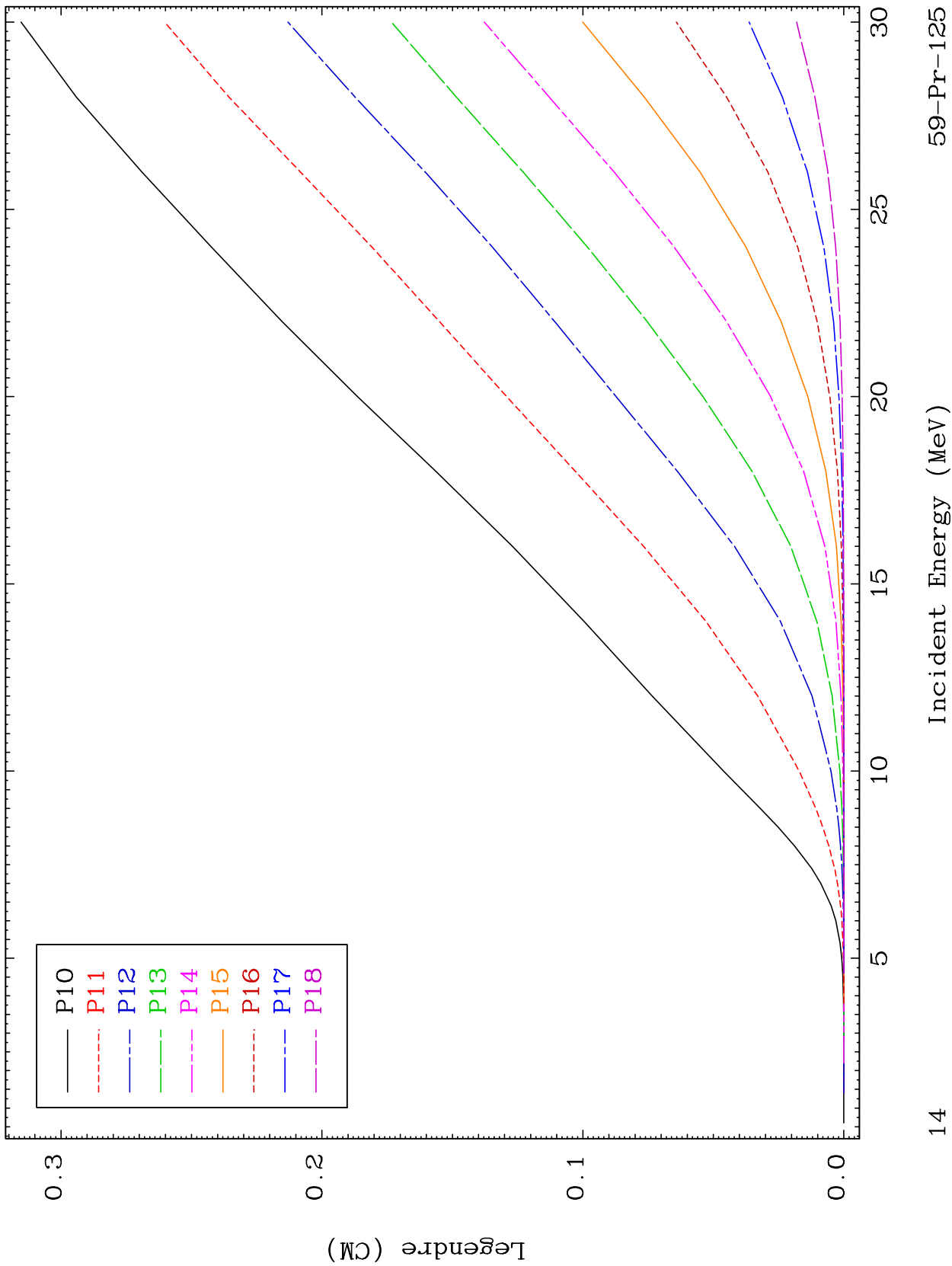
Incident Energy (MeV)

59-Pr-125

MAT 5877

Elastic Legendre Coefficients

59-Pr-125



14

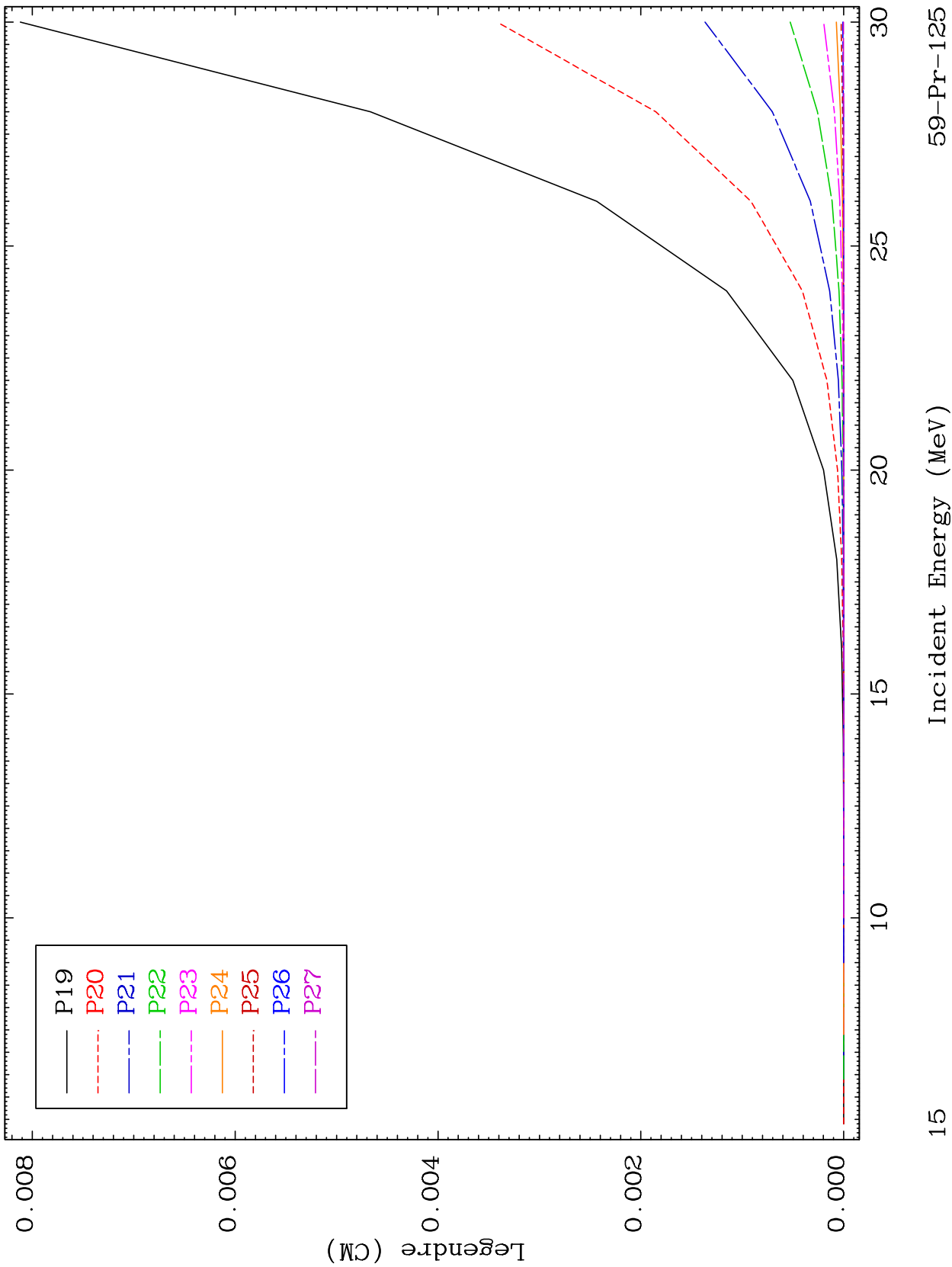
Incident Energy (MeV)

59-Pr-125

MAT 5877

### Elastic Legendre Coefficients

59-Pr-125



15

Incident Energy (MeV)

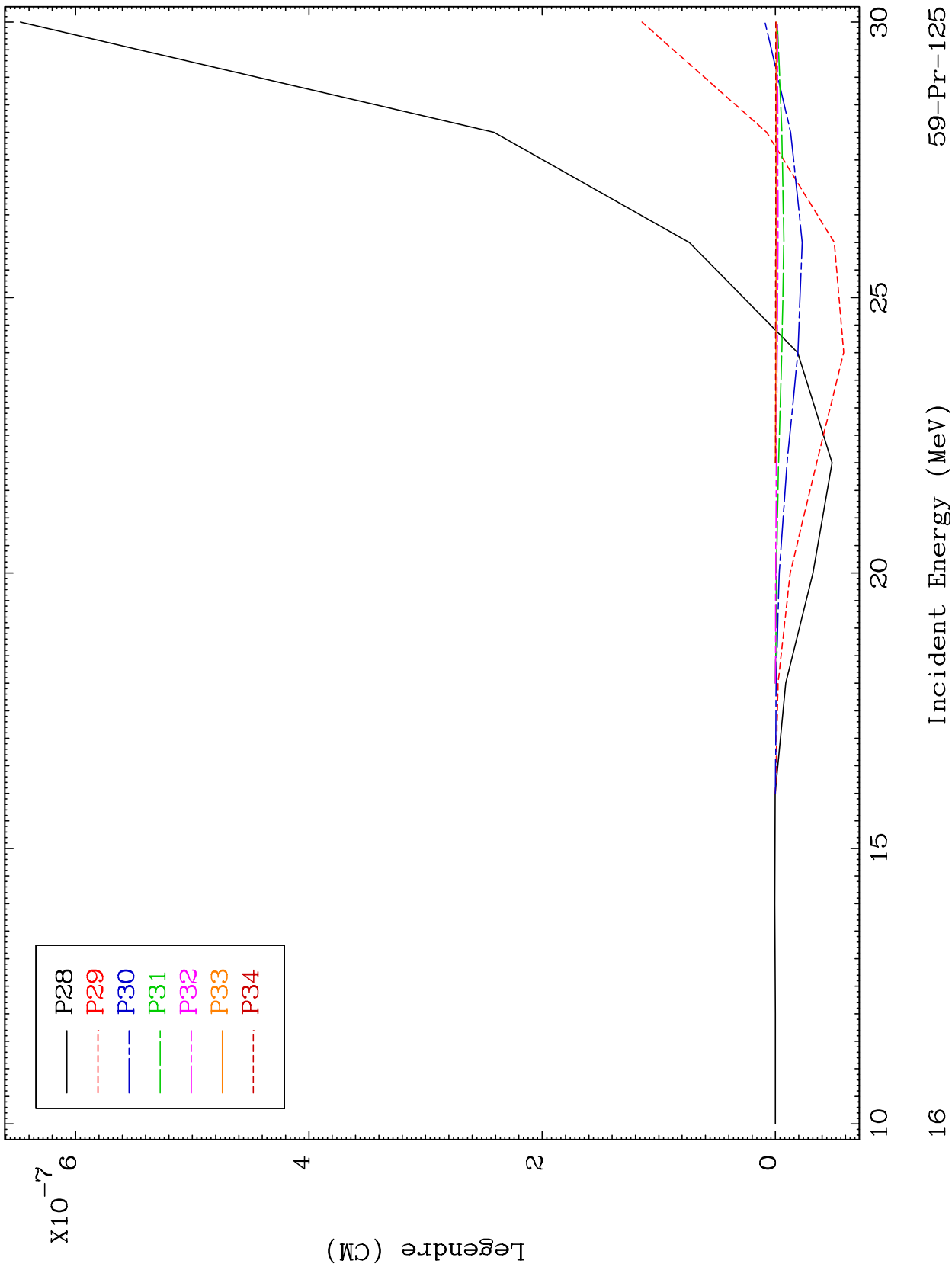
59-Pr-125



MAT 5877

Elastic Legendre Coefficients

59-Pr-125



16

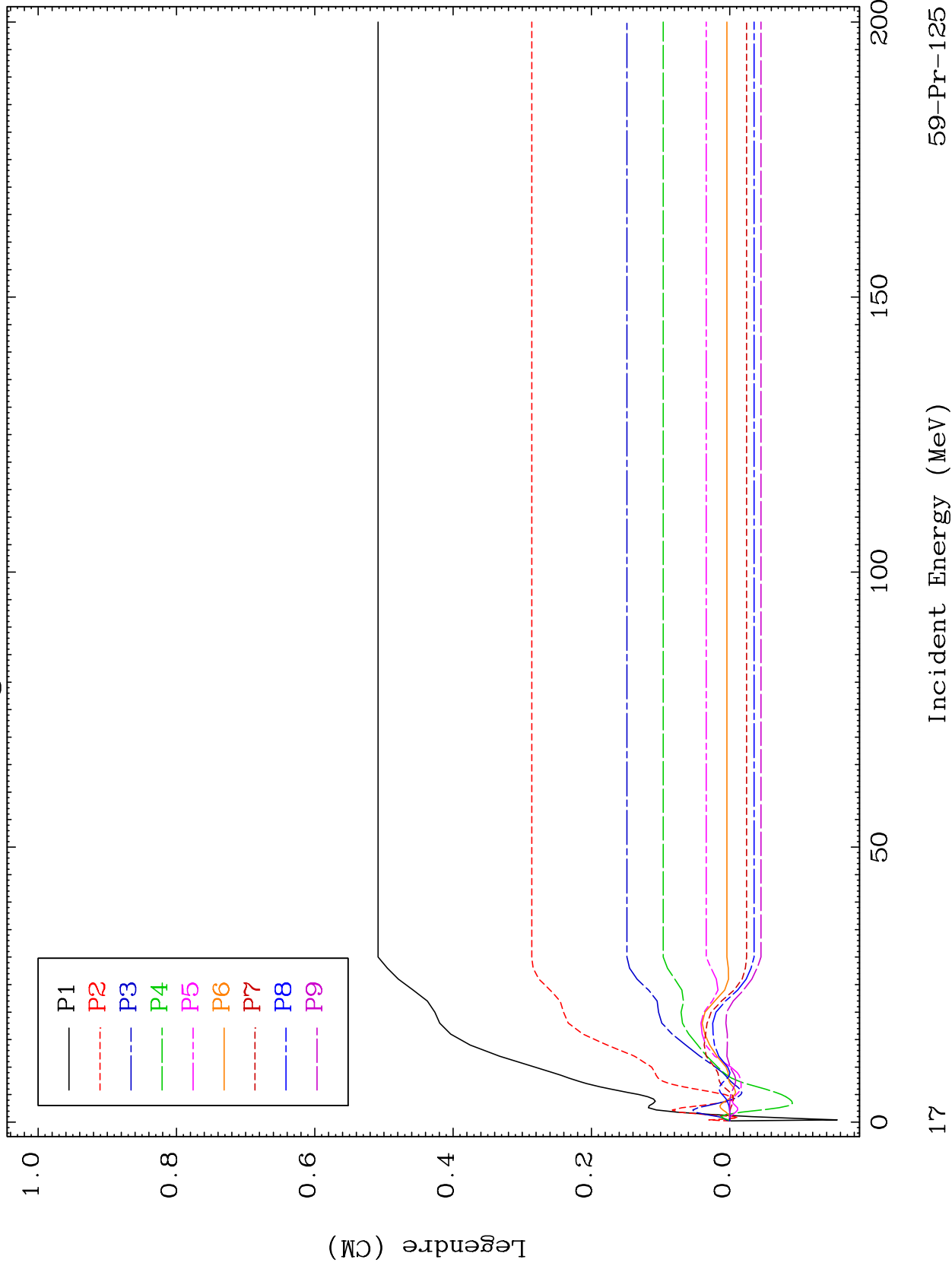
Incident Energy (MeV)

59-Pr-125

MAT 58777

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

59-Pr-125



17

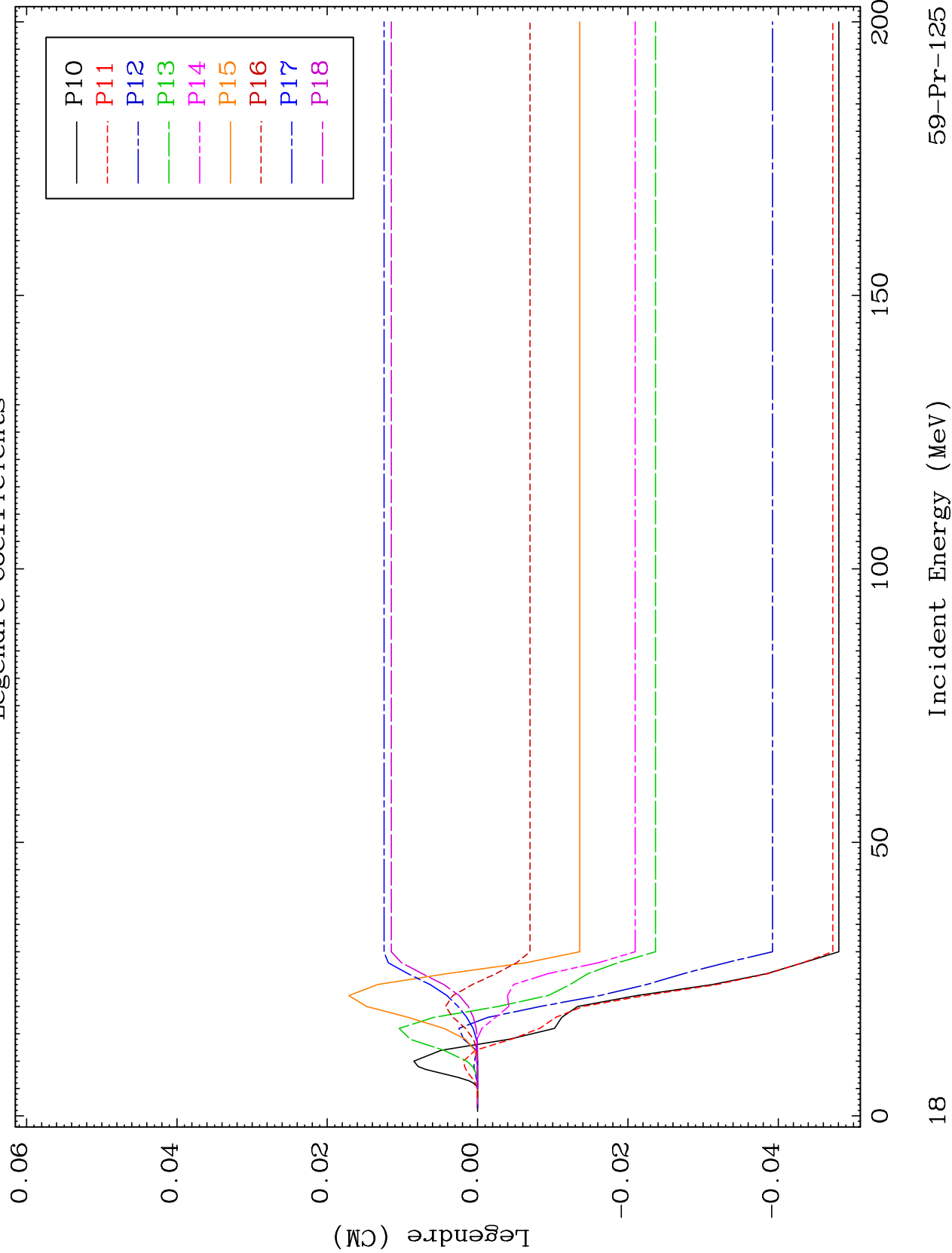
Incident Energy (MeV)

59-Pr-125

MAT 58777

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

59-Pr-125



18

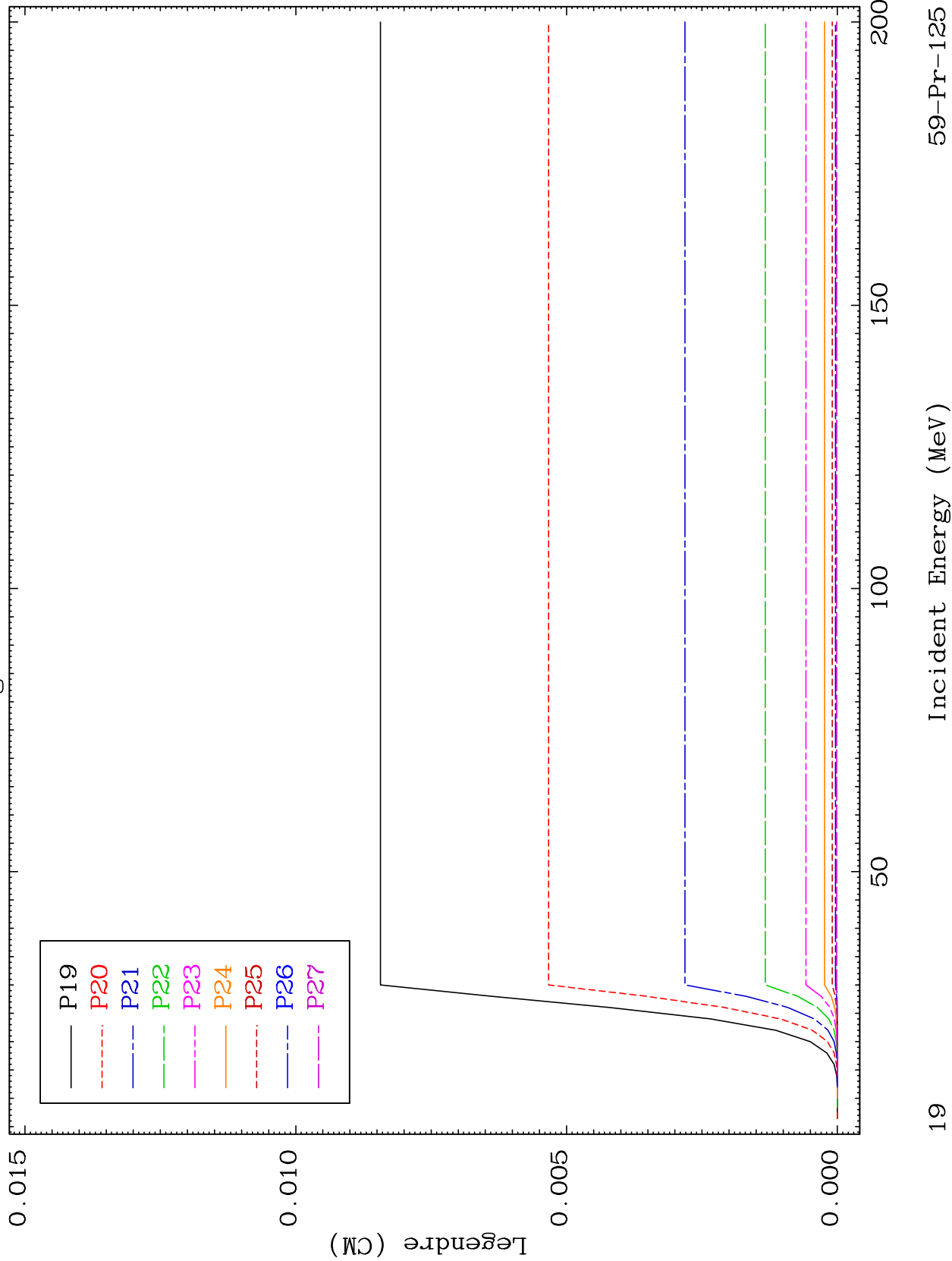
Incident Energy (MeV)

59-Pr-125

MAT 5877

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

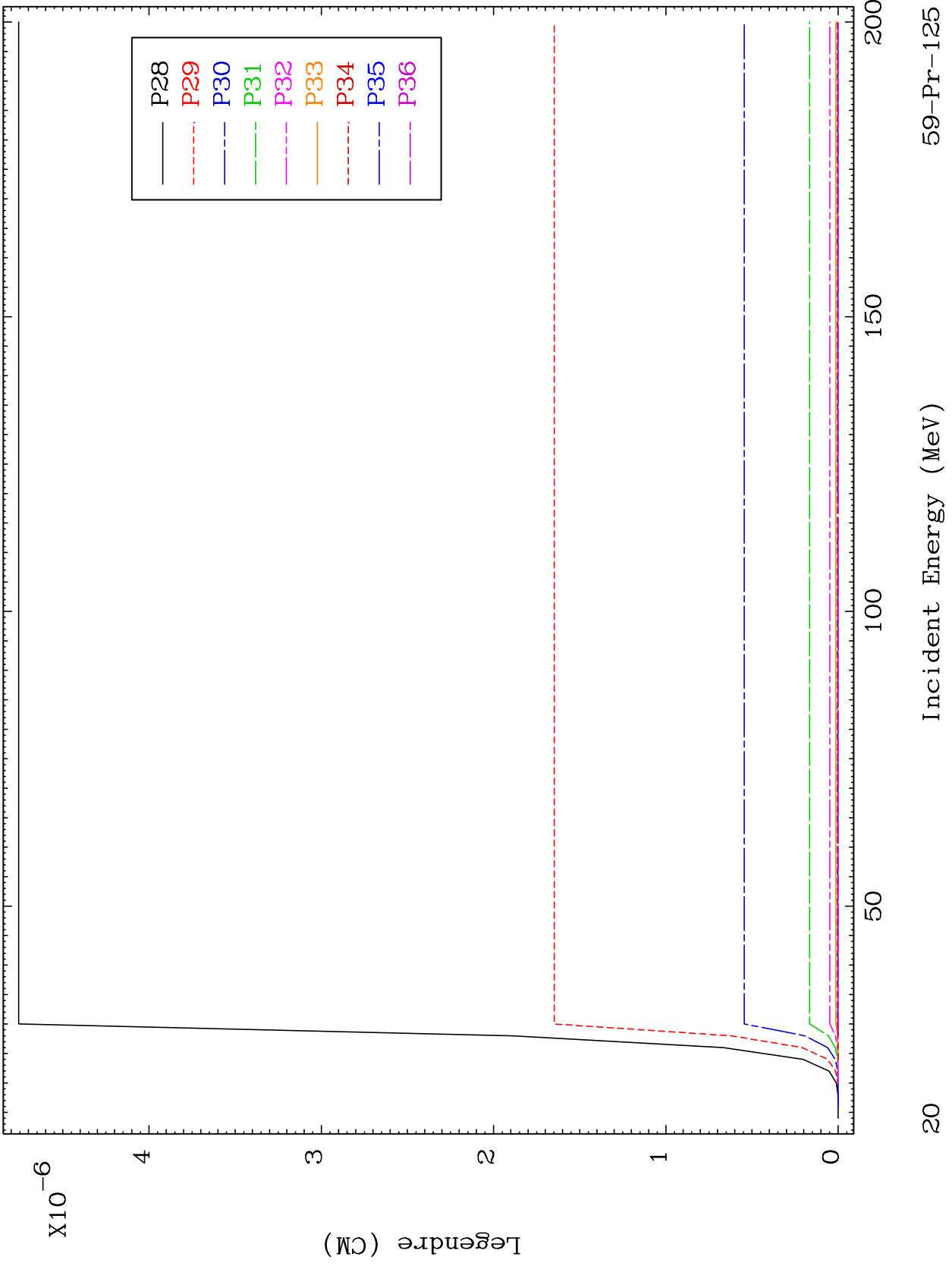
59-Pr-125



MAT 5877

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

59-Pr-125



20

50

100

150

200

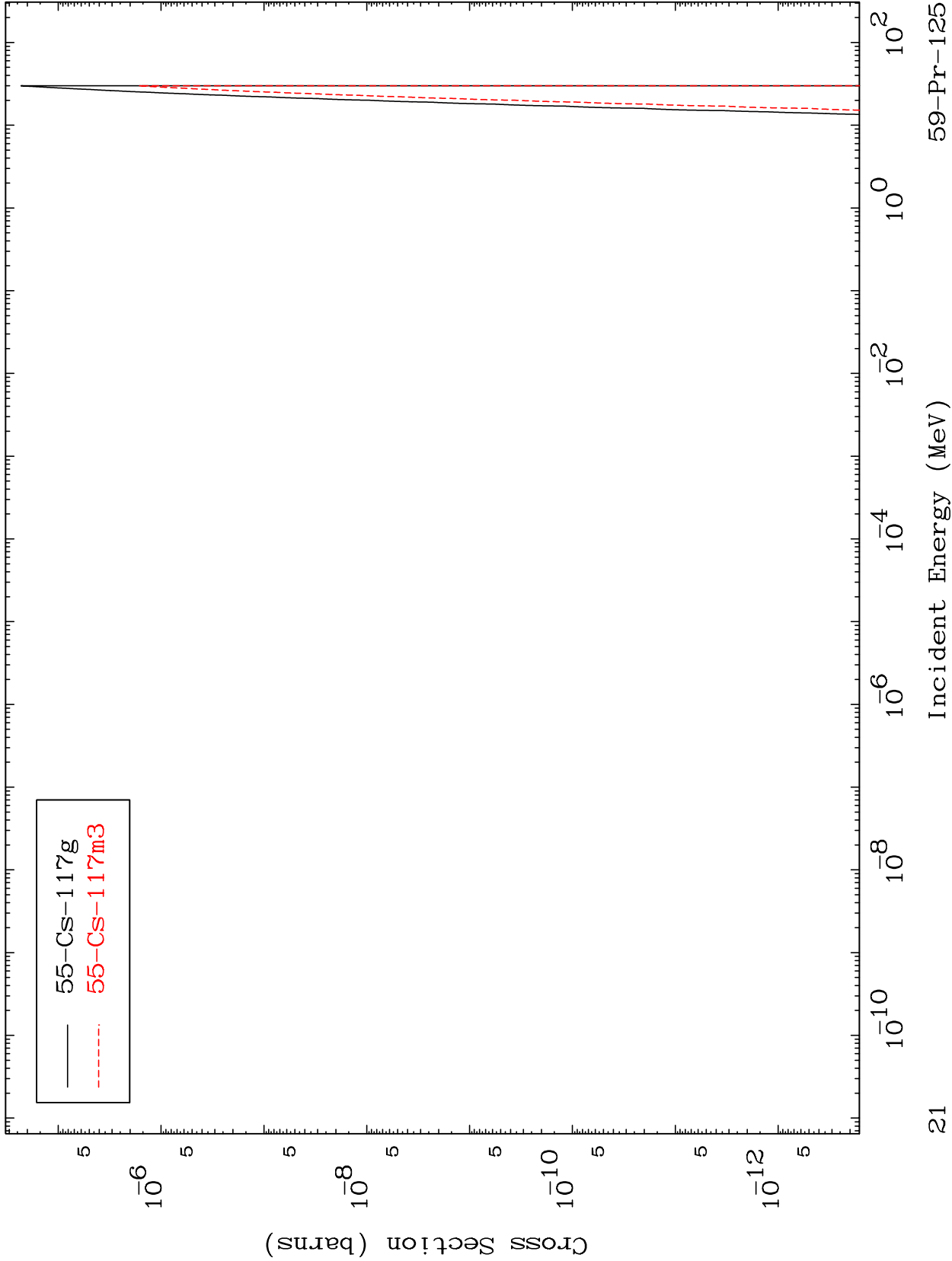
59-Pr-125

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(n,n') 2α

59-Pr-125

Radionuclide Production Cross Section

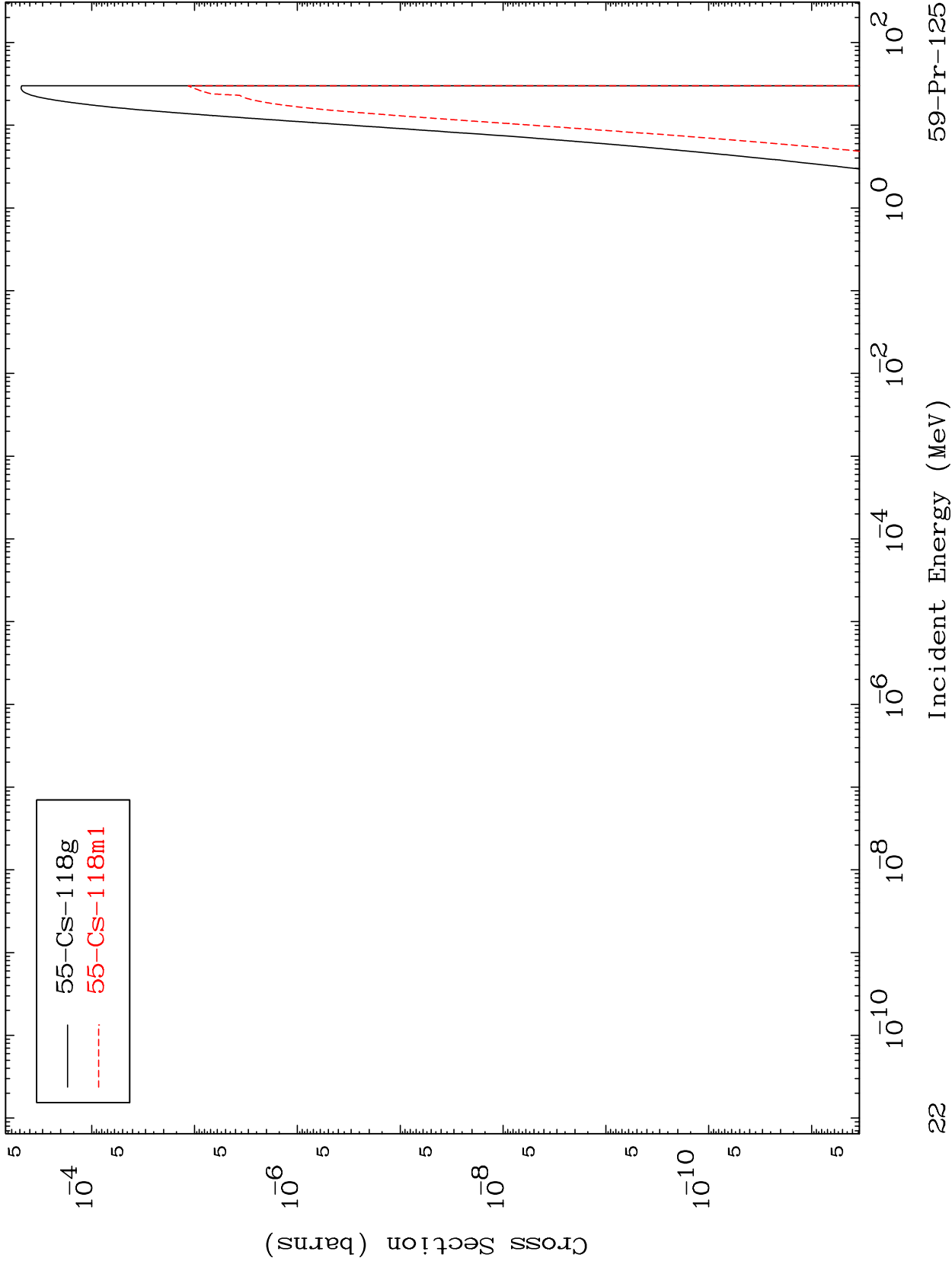


MAT 5877

(n,2α)

59-Pr-125

Radionuclide Production Cross Section

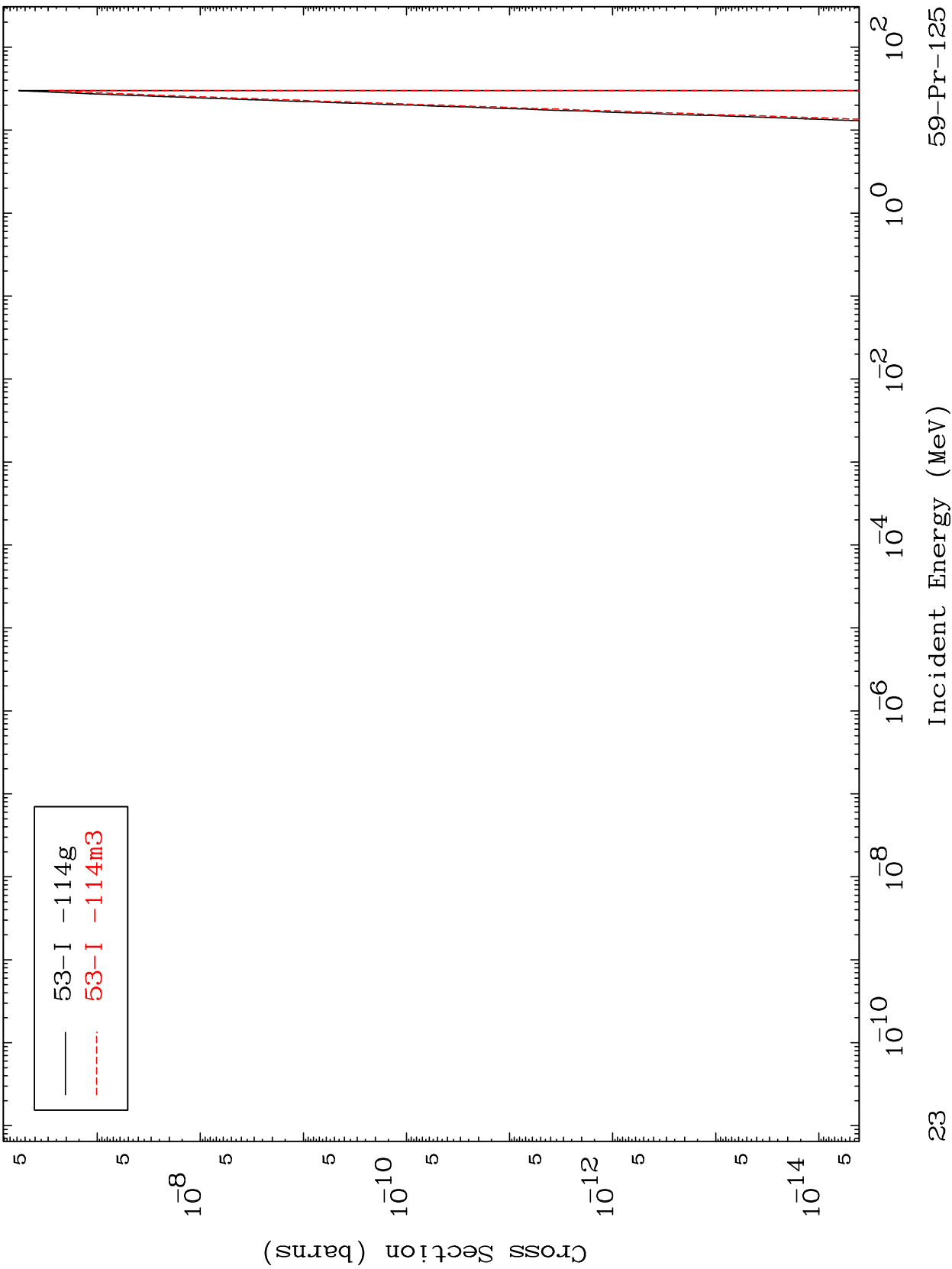


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(n,3α)

59-Pr-125

Radionuclide Production Cross Section



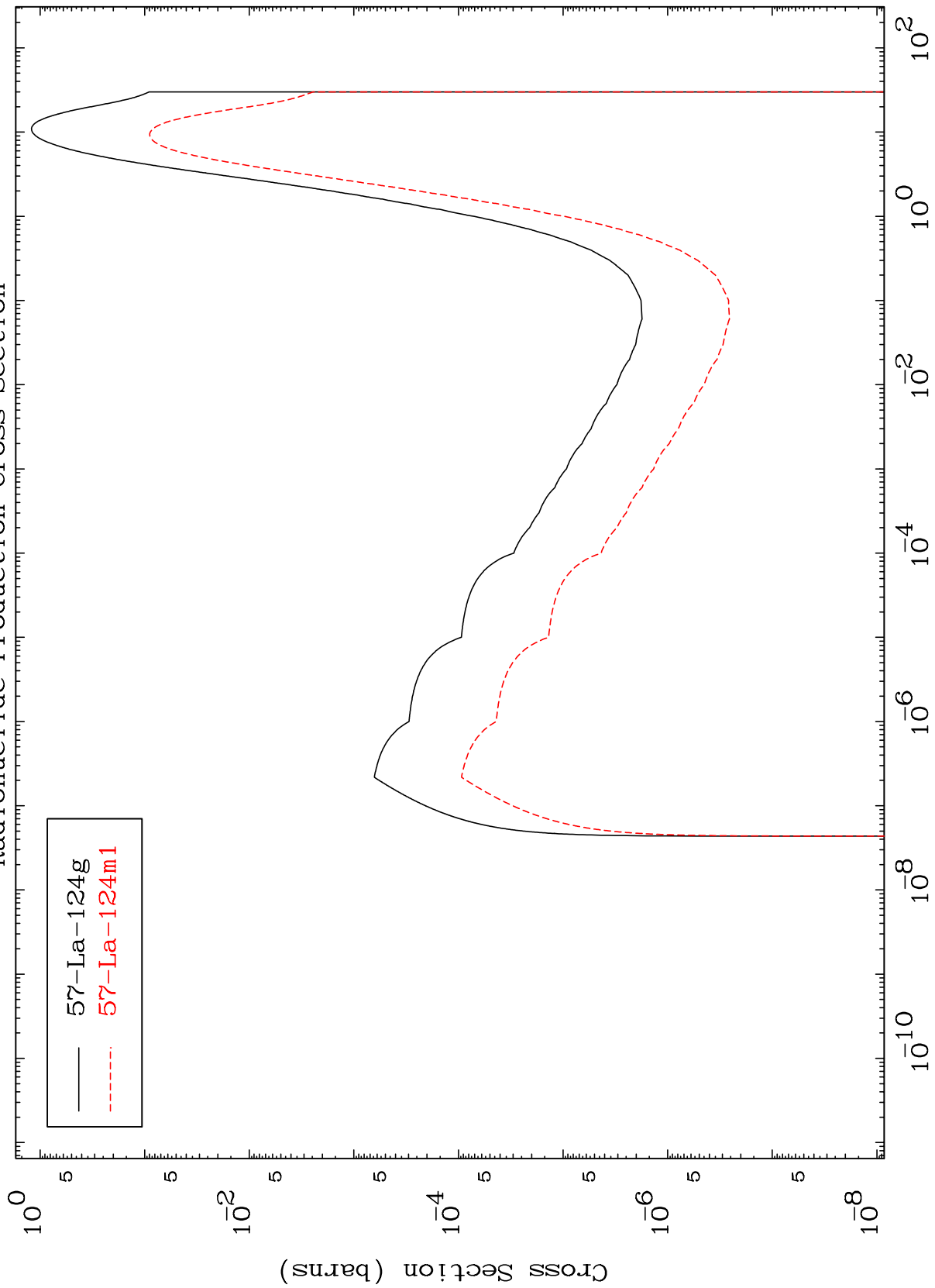


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59-Pr-125

59-Pr-125

Radionuclide Production Cross Section  
(n,2p)



— 57-La-124g  
- - - 57-La-124m1

Incident Energy (MeV)

24