

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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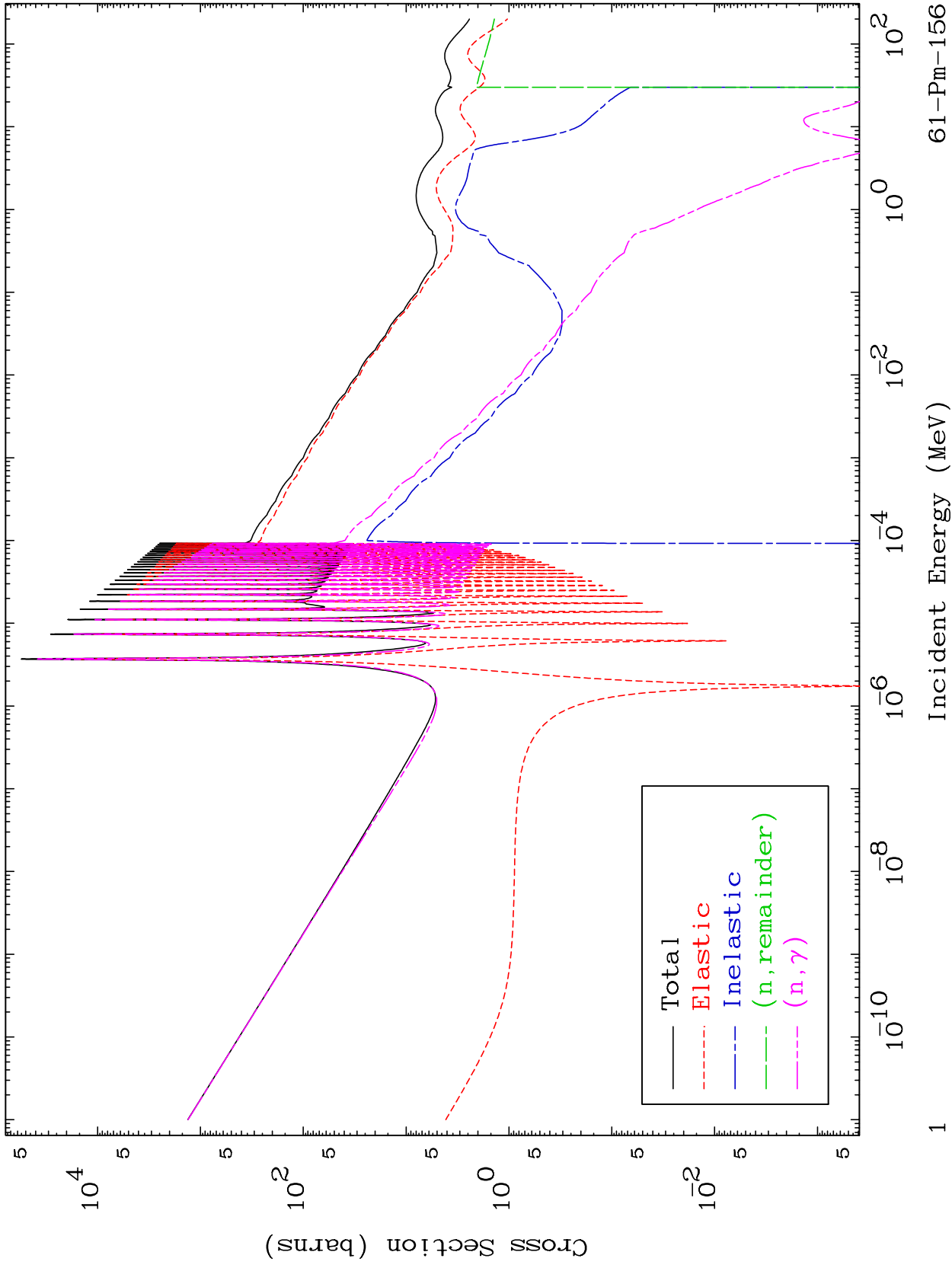
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

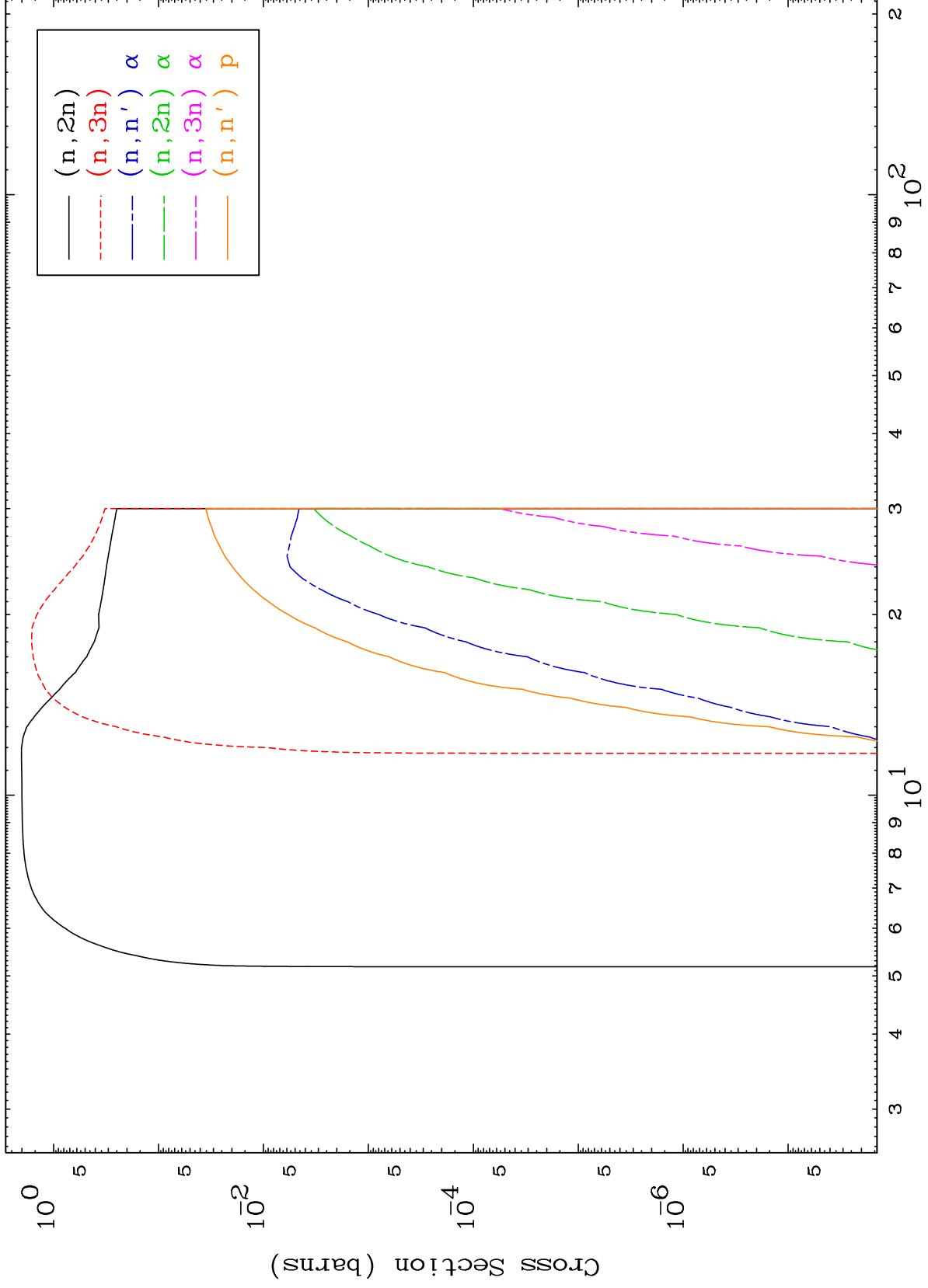
Press Mouse Button to Start

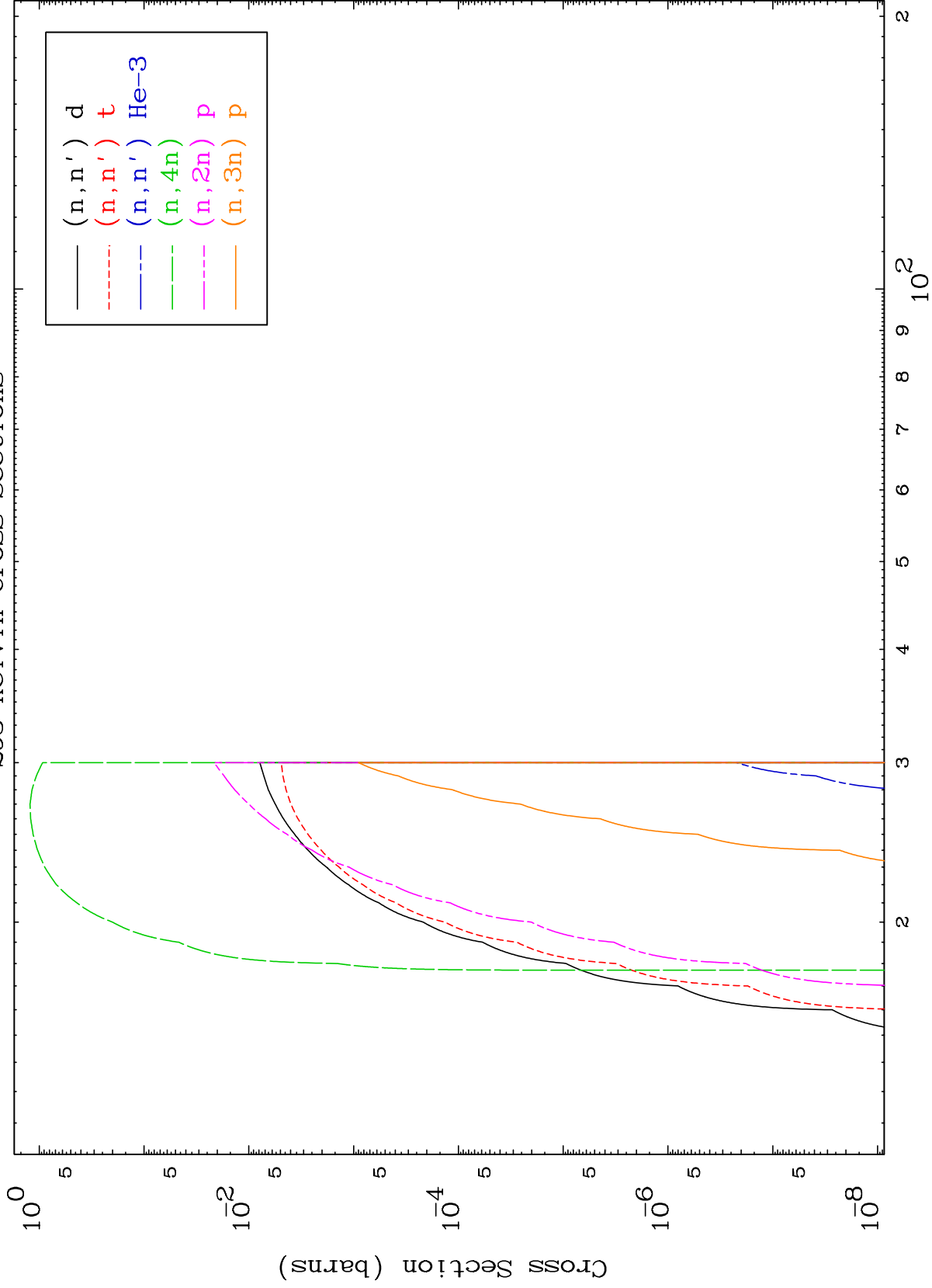
MAT 6177

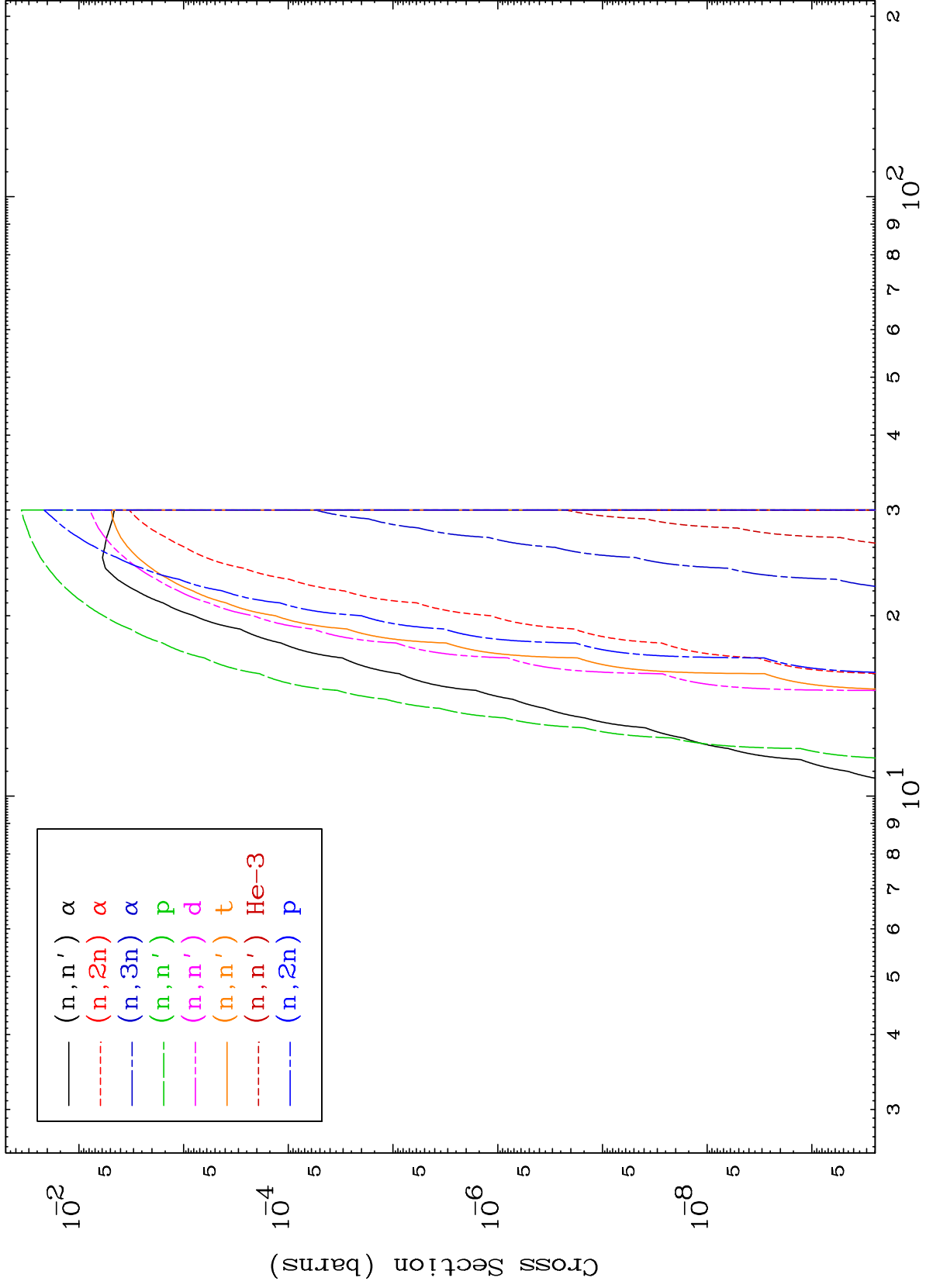
Major  
293 Kelvin Cross Sections

61-Pm-156





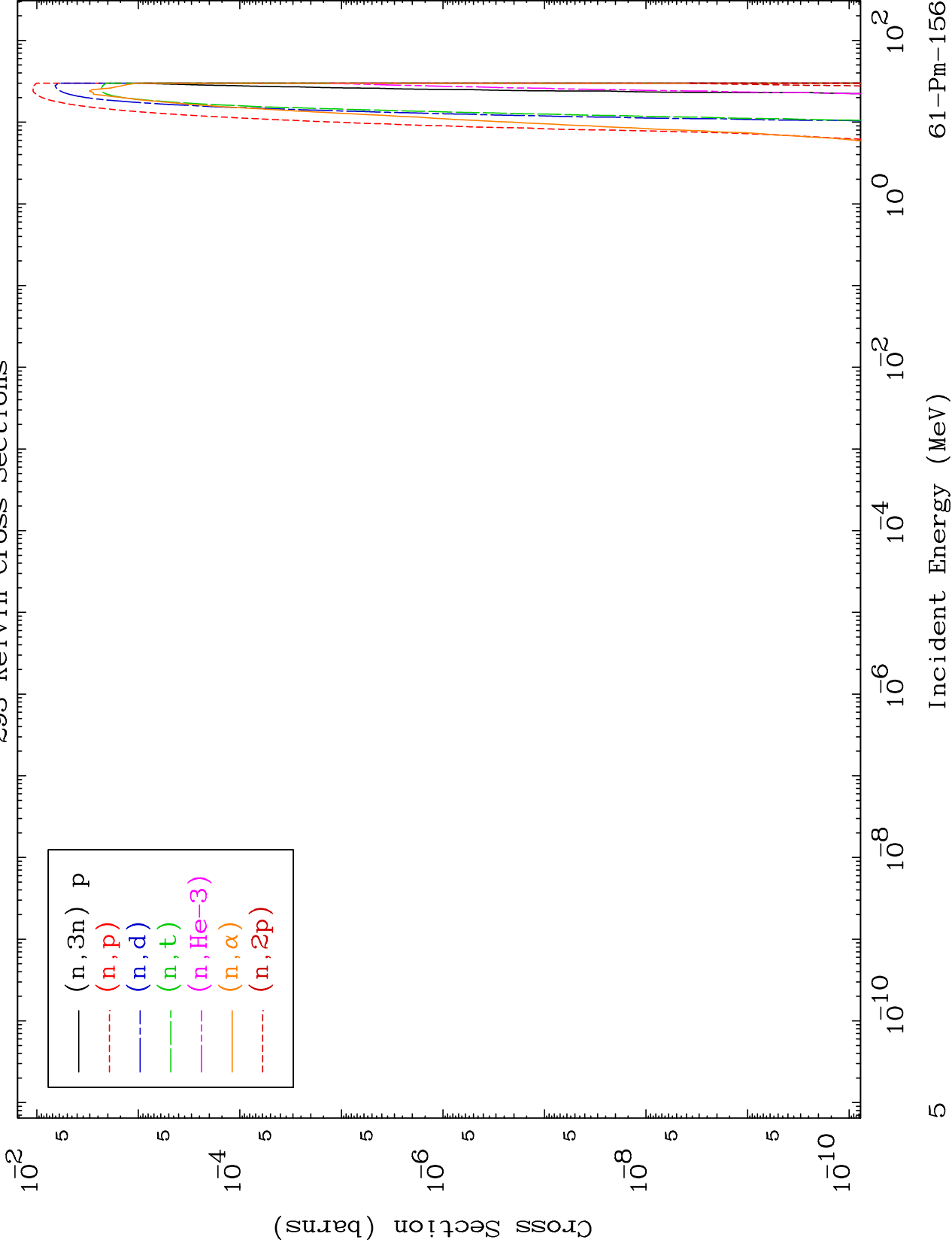




MAT 6177

Charged Particle  
293 Kelvin Cross Sections

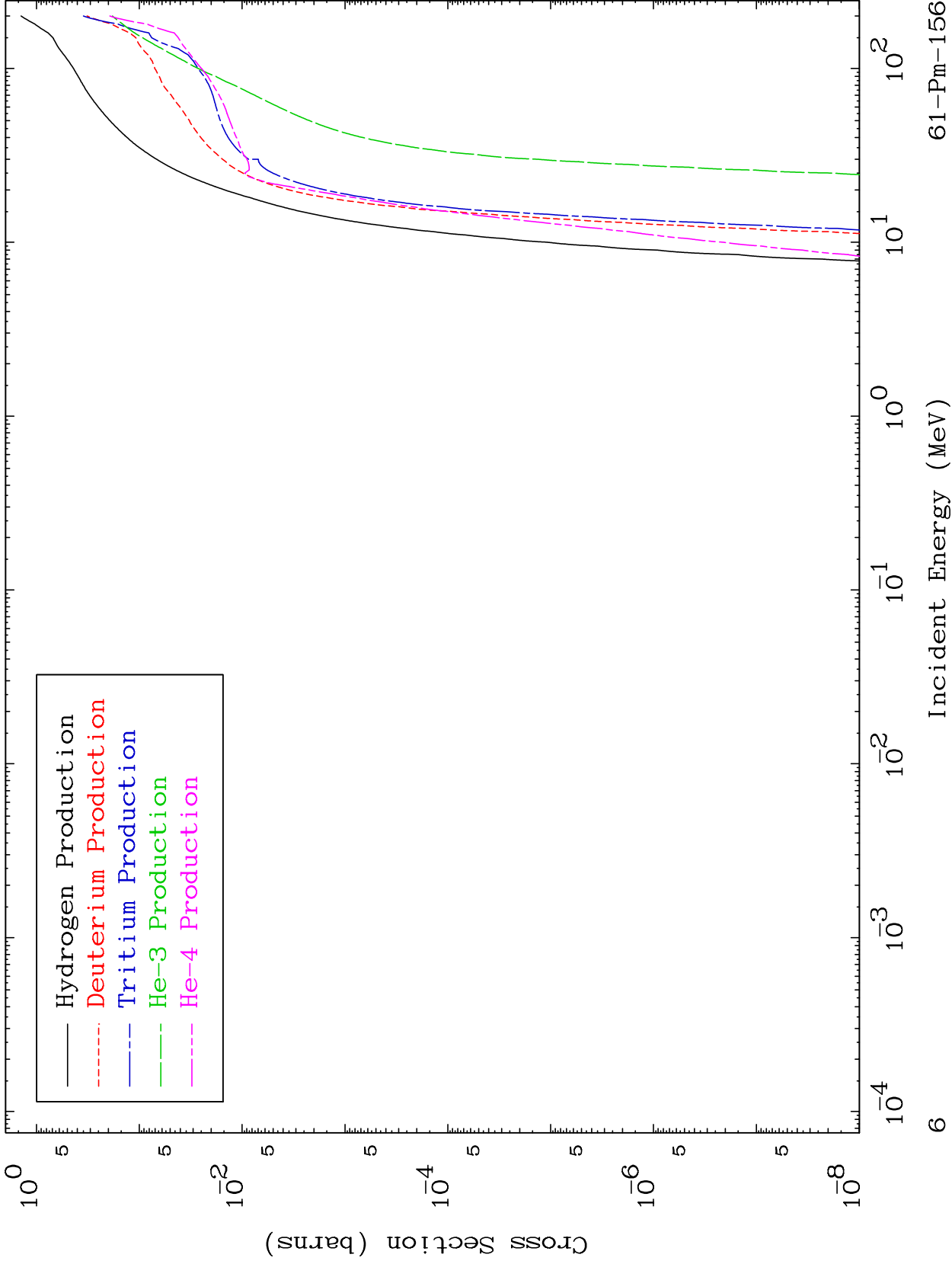
61-Pm-156



MAT 6177

Particle Production  
293 Kelvin Cross Sections

61-Pm-156



61-Pm-156

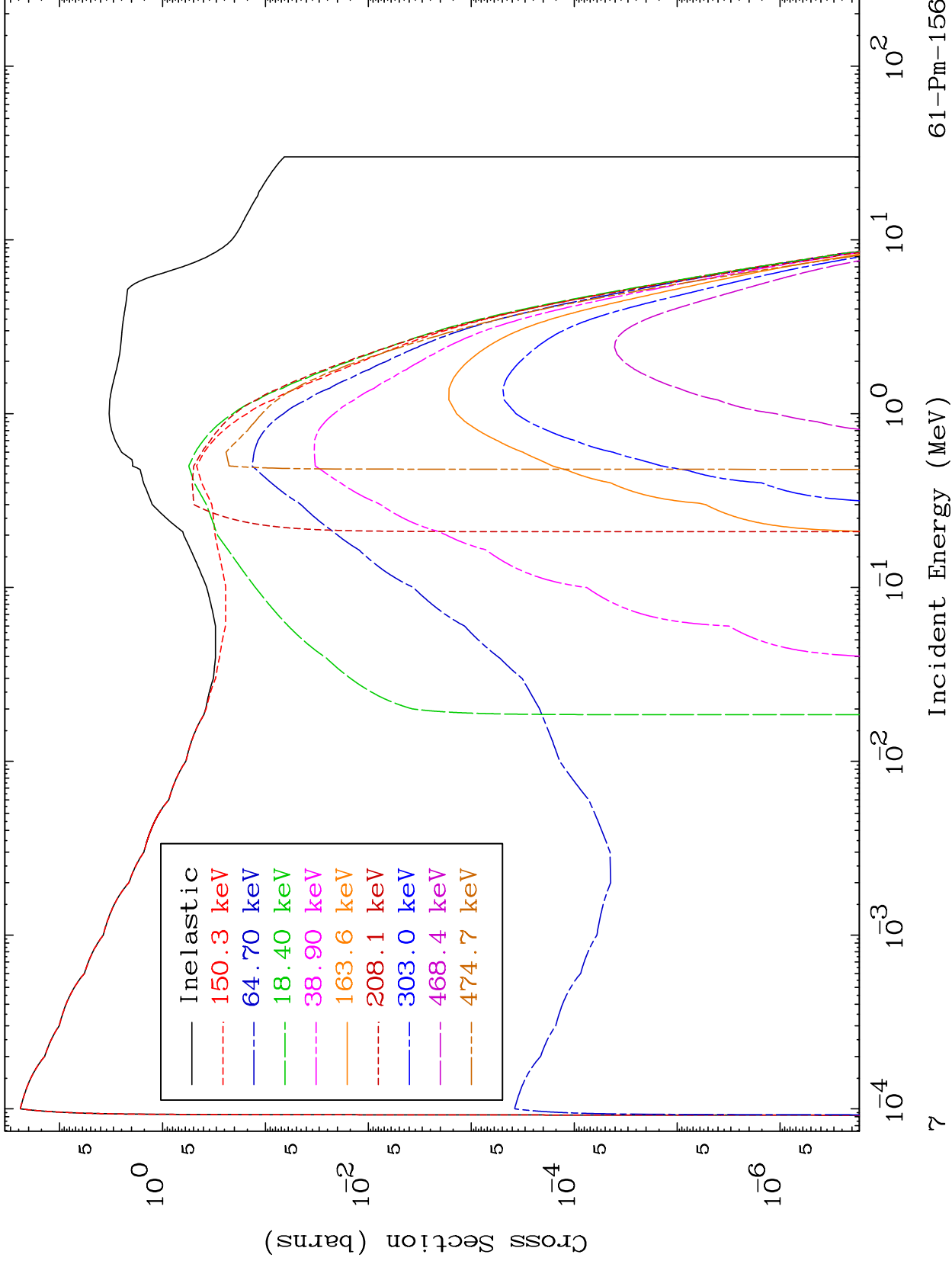
Incident Energy (MeV)

6

MAT 6177

(n,n') Level  
293 Kelvin Cross Sections

61-Pm-156



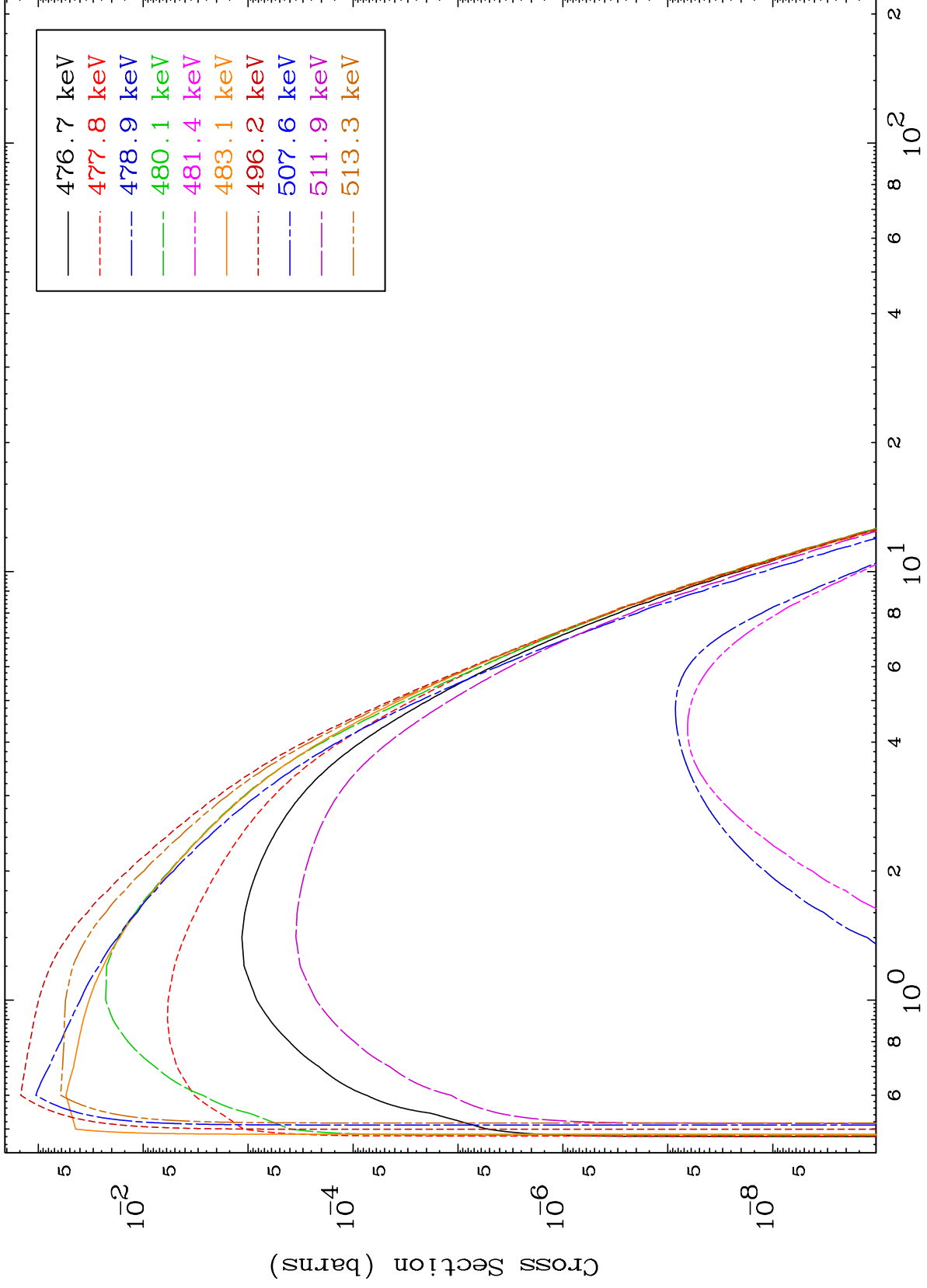
61-Pm-156



MAT 6177

(n,n') Level  
293 Kelvin Cross Sections

61-Pm-156



8

Incident Energy (MeV)

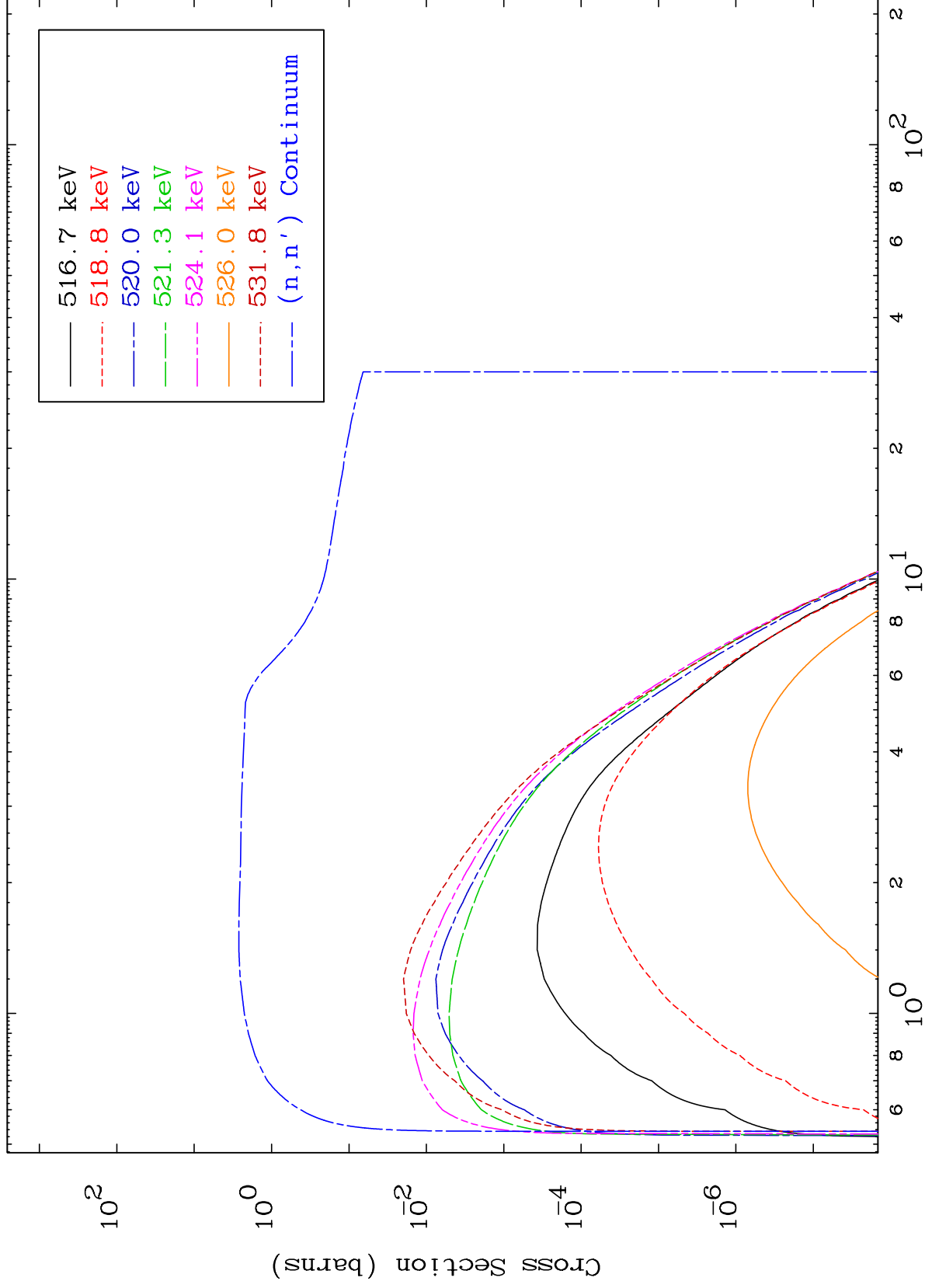
61-Pm-156

MAT 6177

(n,n') Level

61-Pm-156

293 Kelvin Cross Sections



9

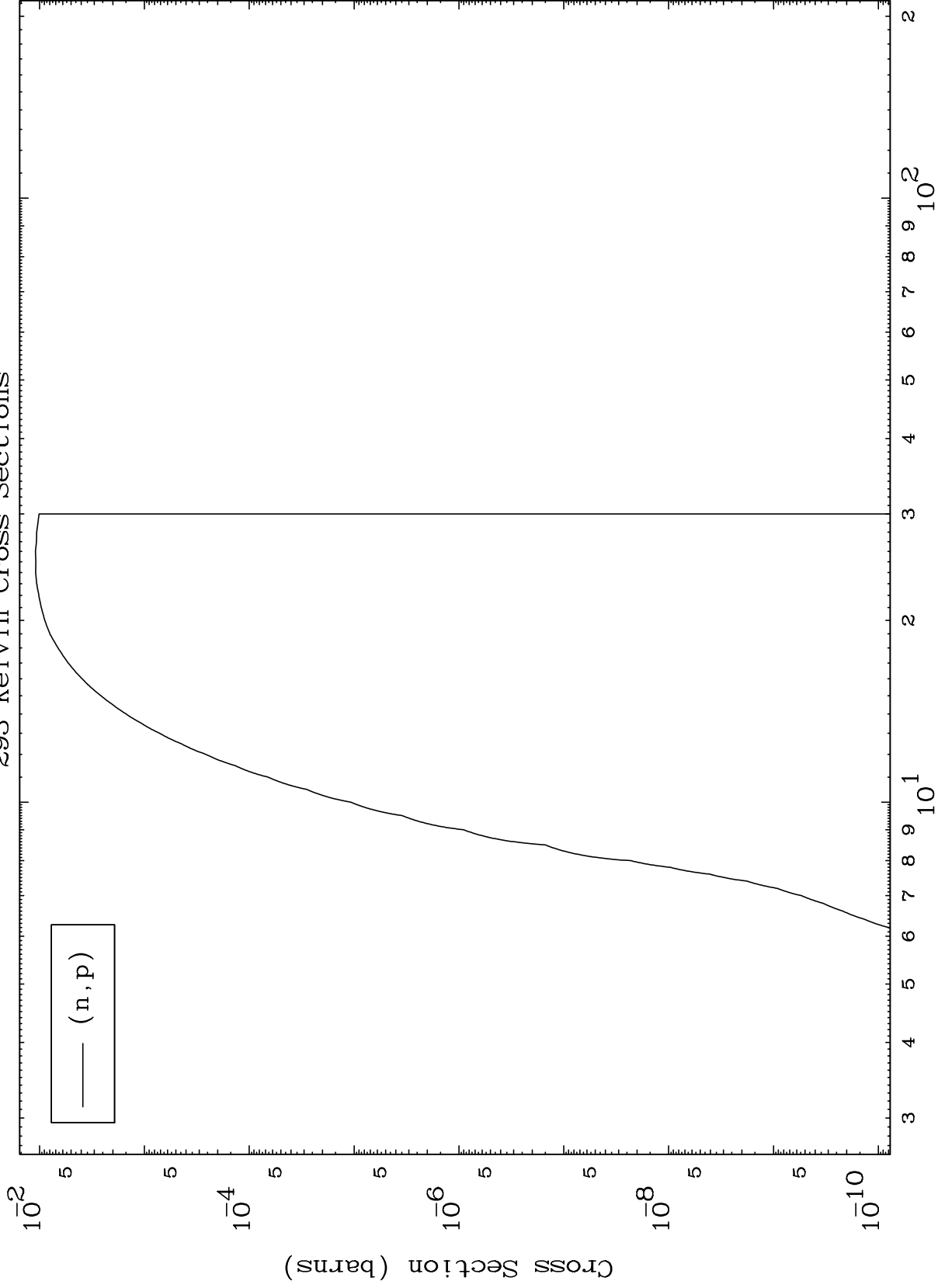
Incident Energy (MeV)

61-Pm-156

MAT 6177

(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-156



10

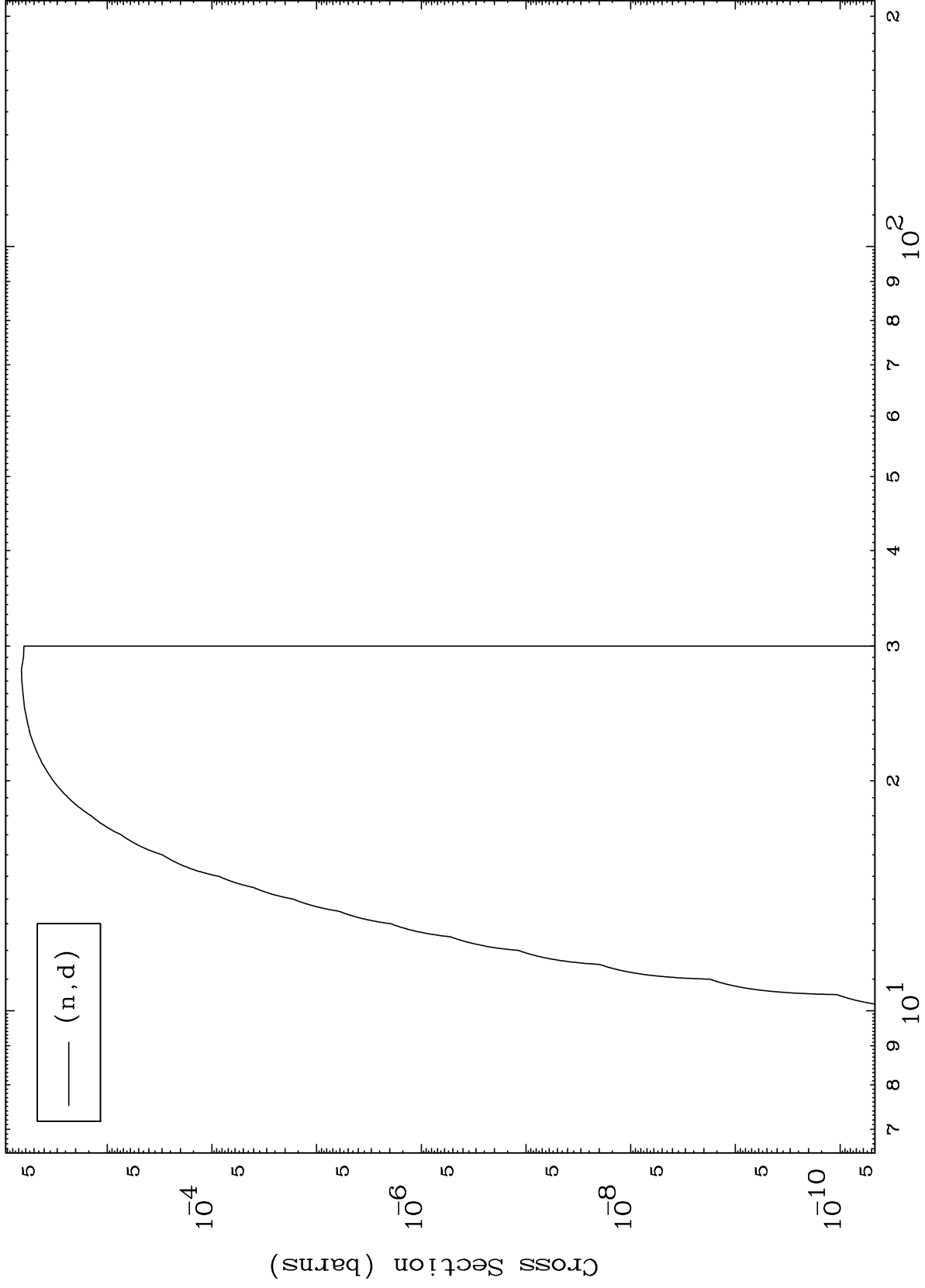
Incident Energy (MeV)

61-Pm-156

MAT 6177

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-156



11

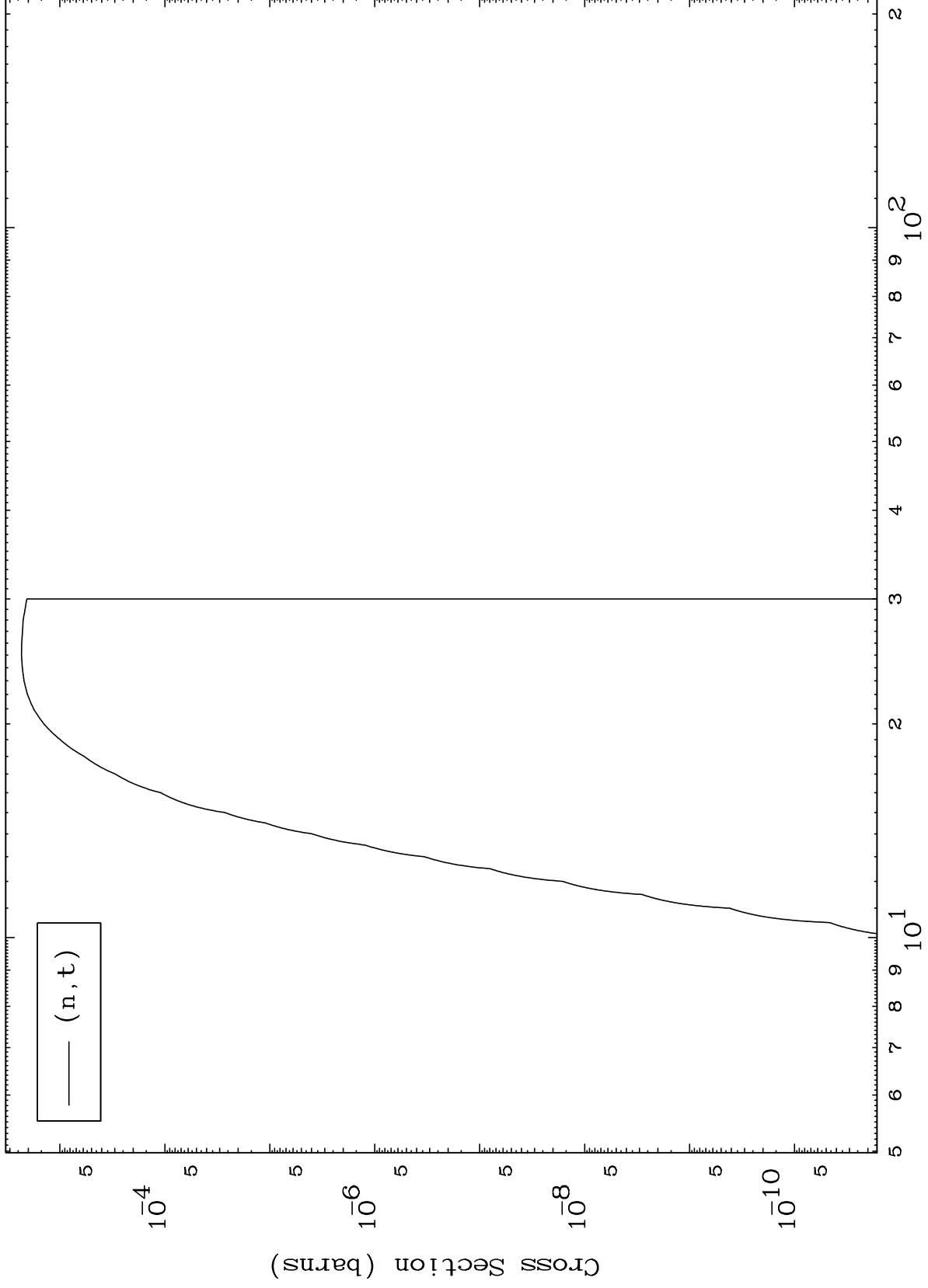
Incident Energy (MeV)

61-Pm-156

MAT 6177

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-156



12

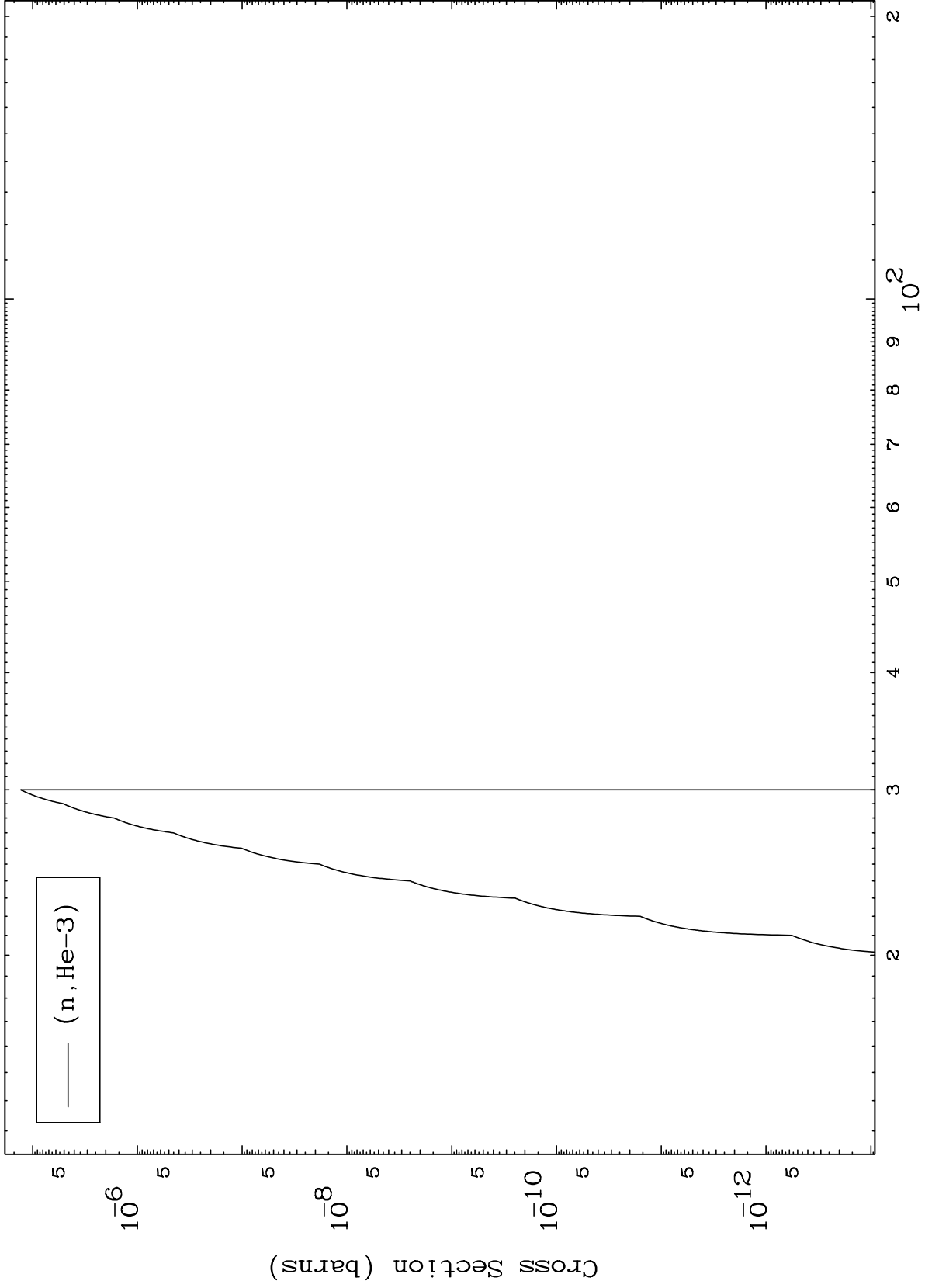
Incident Energy (MeV)

61-Pm-156

MAT 6177

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-156



13

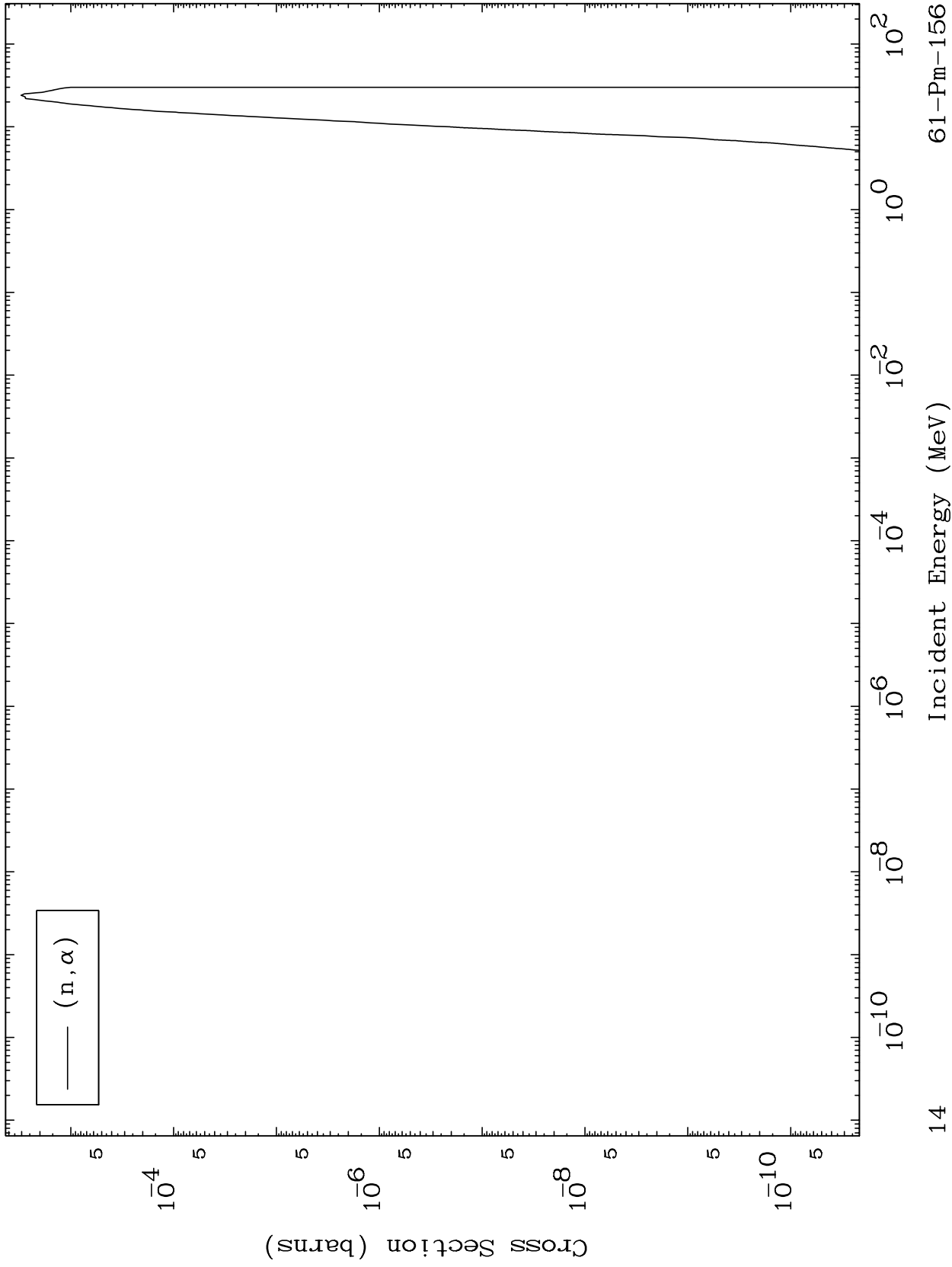
Incident Energy (MeV)

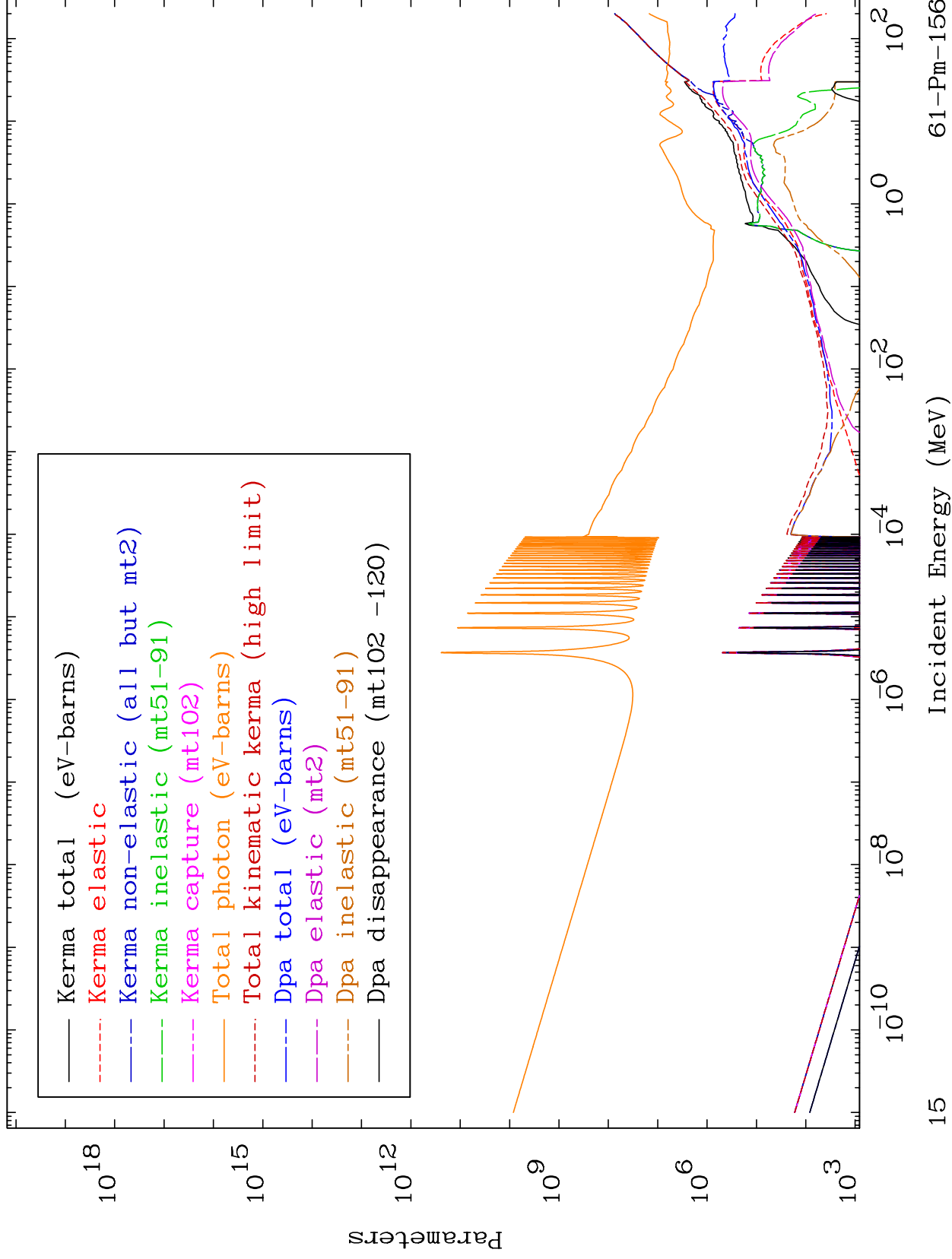
61-Pm-156

MAT 6177

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

61-Pm-156



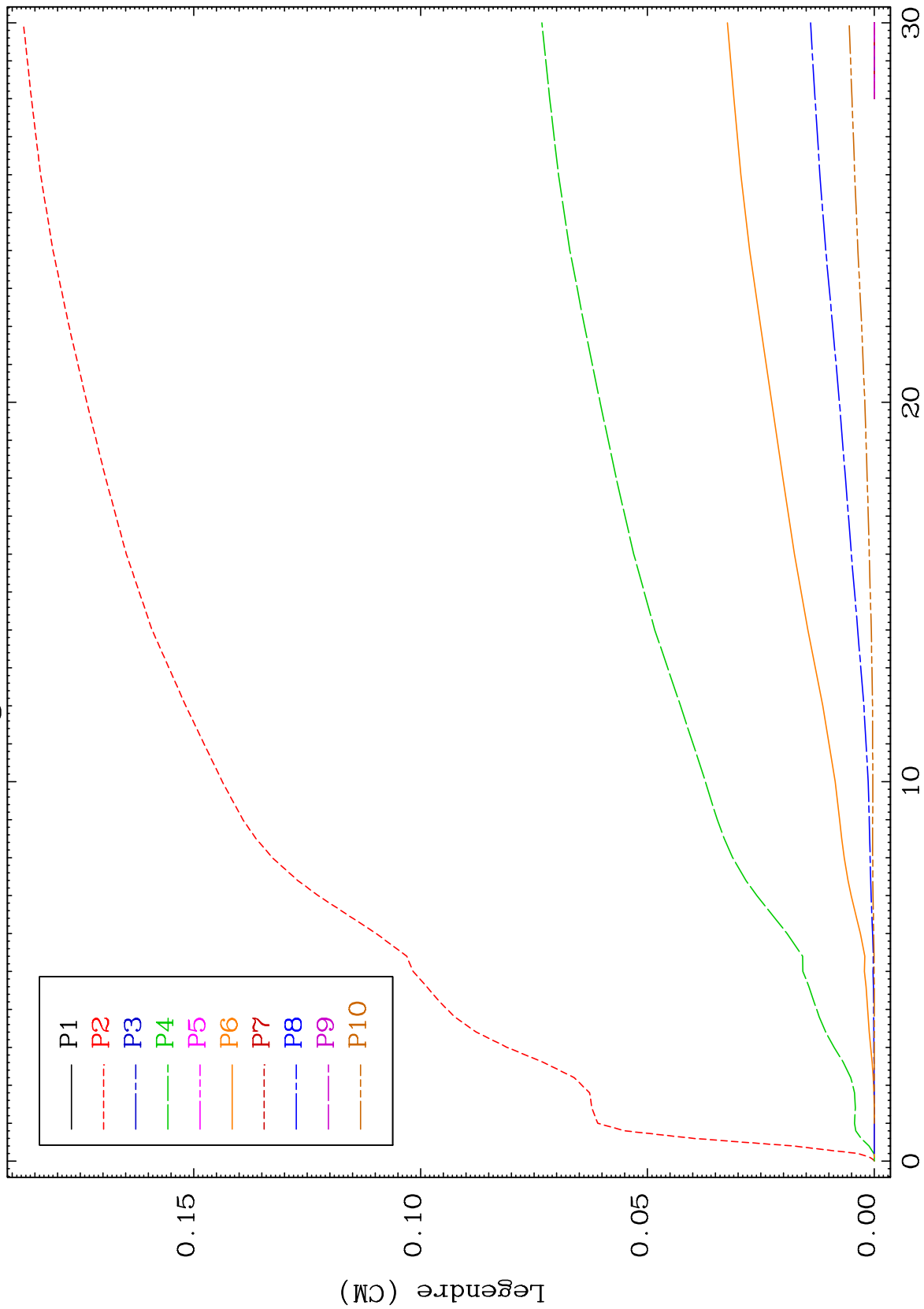




MAT 6177

Elastic Legendre Coefficients

61-Pm-156



16

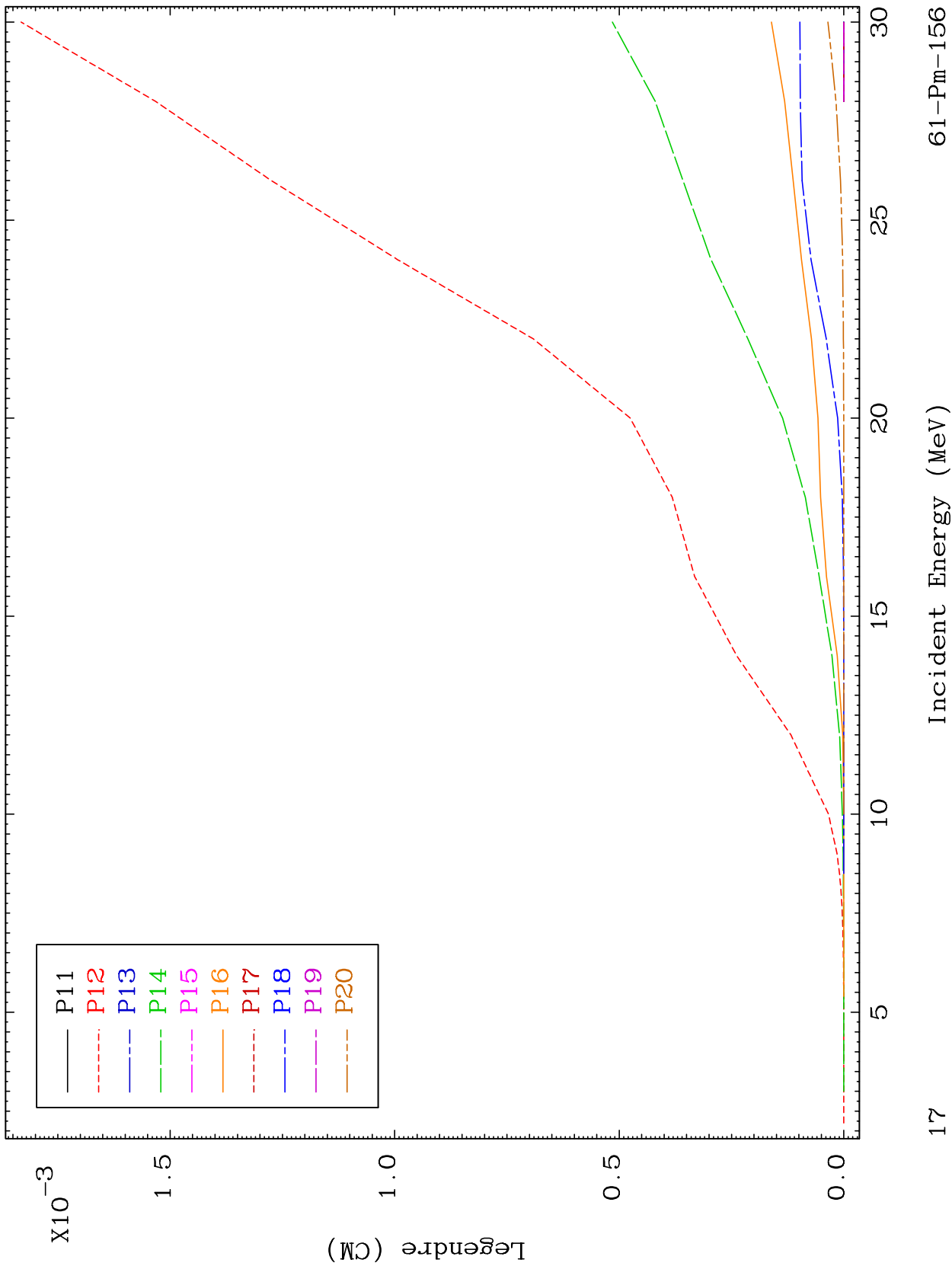
Incident Energy (MeV)

61-Pm-156

MAT 6177

Elastic  
Legendre Coefficients

61-Pm-156



17

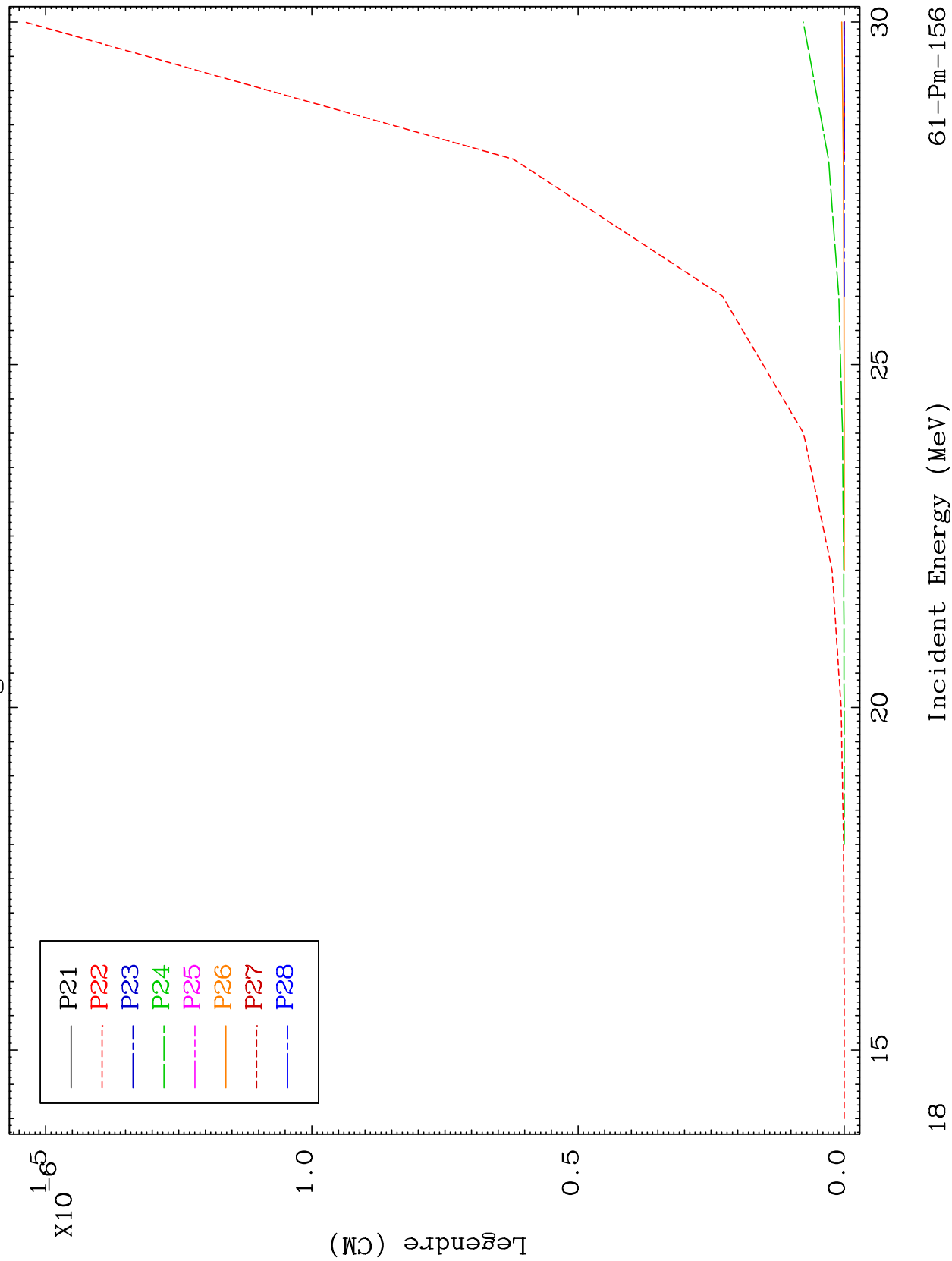
61-Pm-156

Incident Energy (MeV)

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Elastic  
Legendre Coefficients

61-Pm-156



18

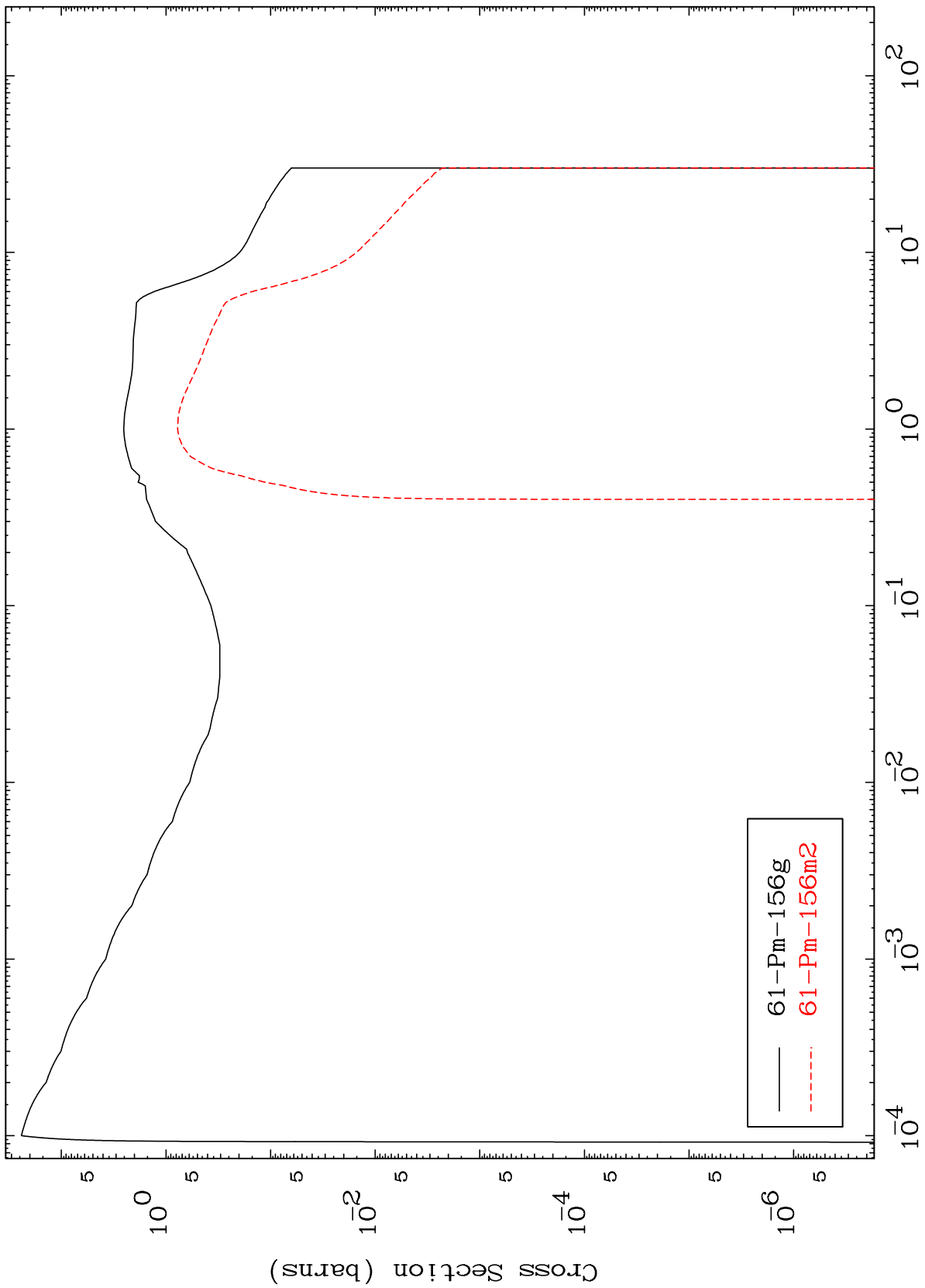
Incident Energy (MeV)

61-Pm-156

MAT 6177

61-Pm-156

Inelastic  
Radionuclide Production Cross Section

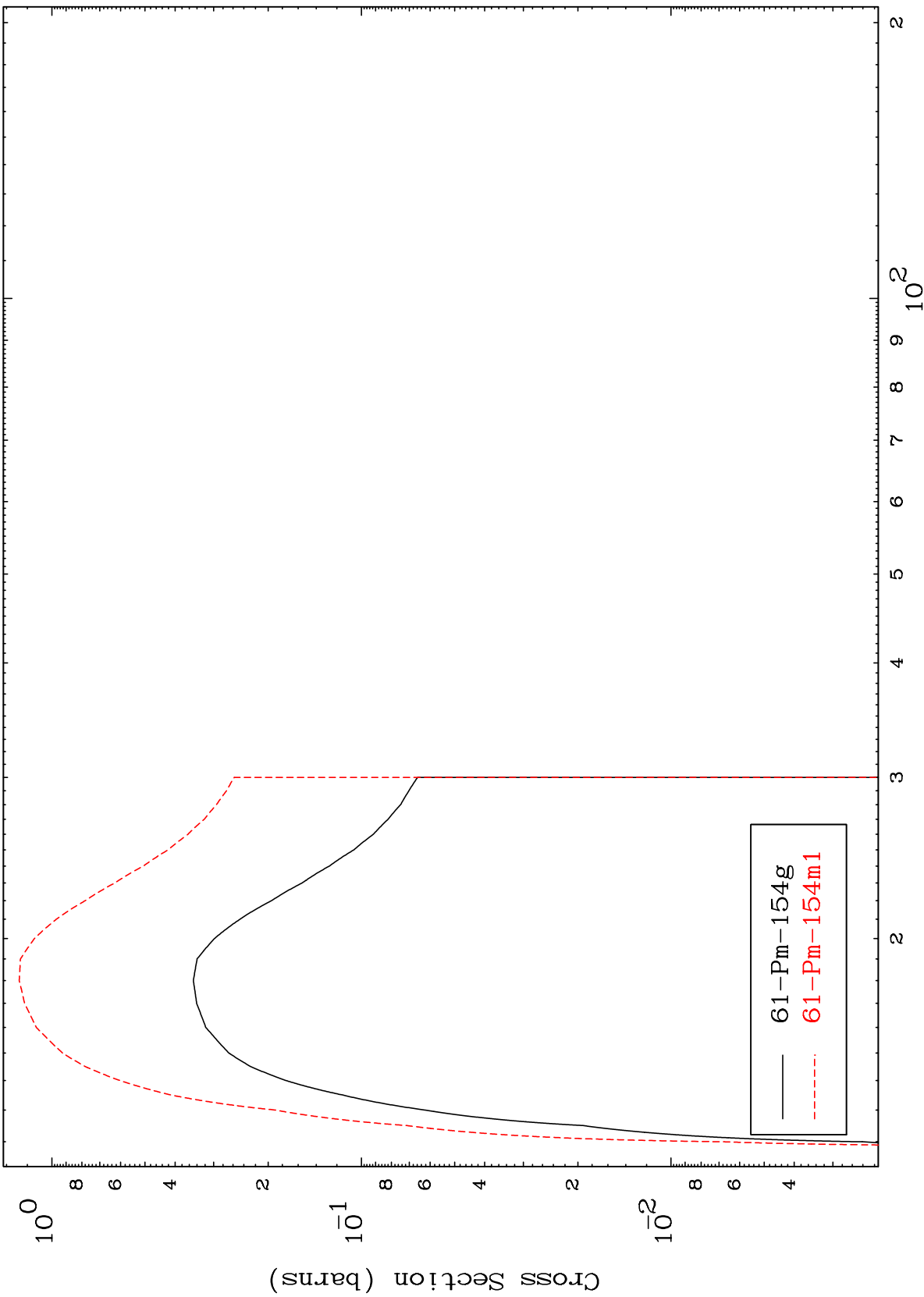


— 61-Pm-156g  
- - - 61-Pm-156m2

MAT 61777

61-Pm-156

(n,3n)  
Radionuclide Production Cross Section



61-Pm-156

Incident Energy (MeV)

20