

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

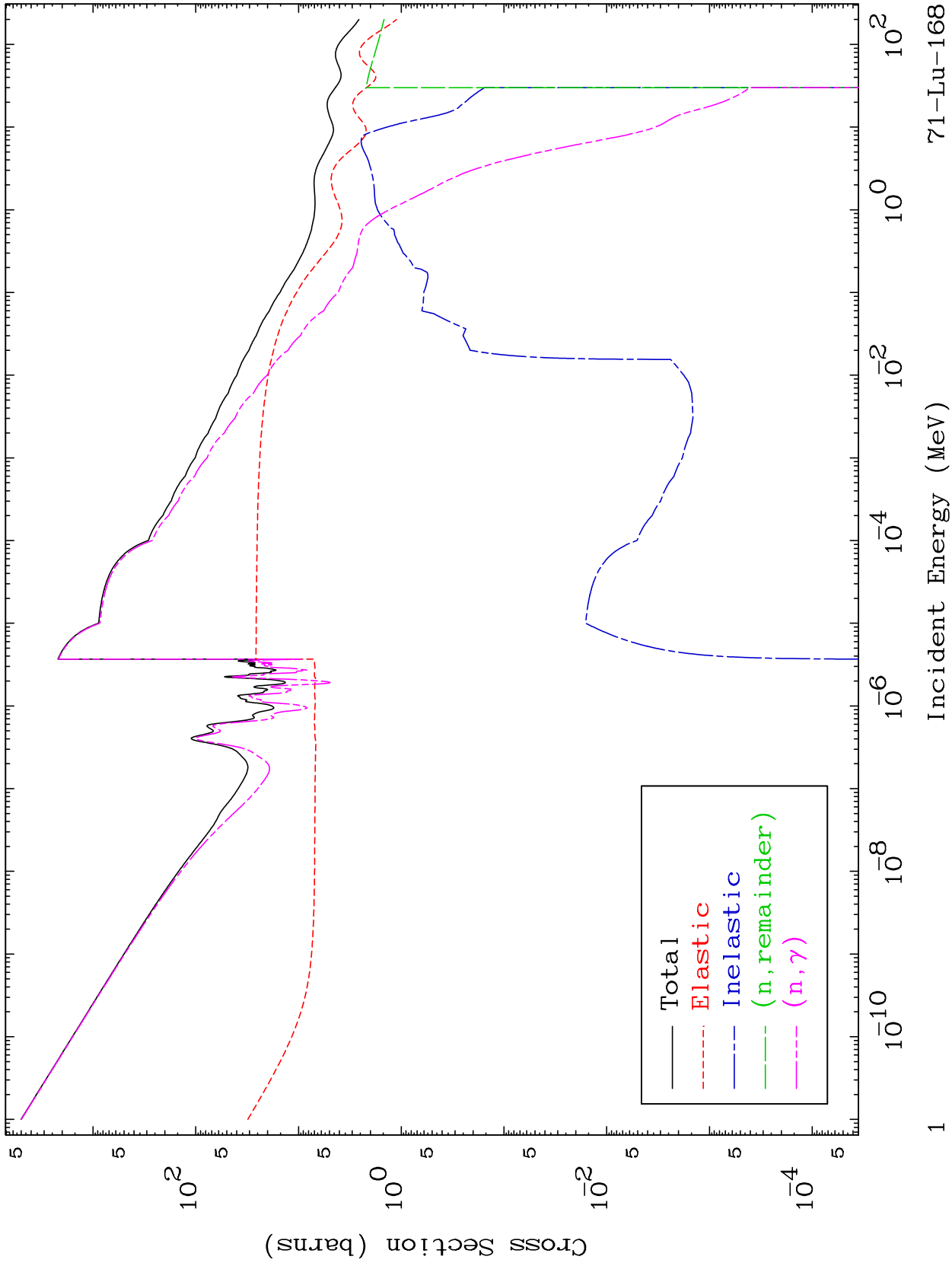
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7105

Major  
293 Kelvin Cross Sections

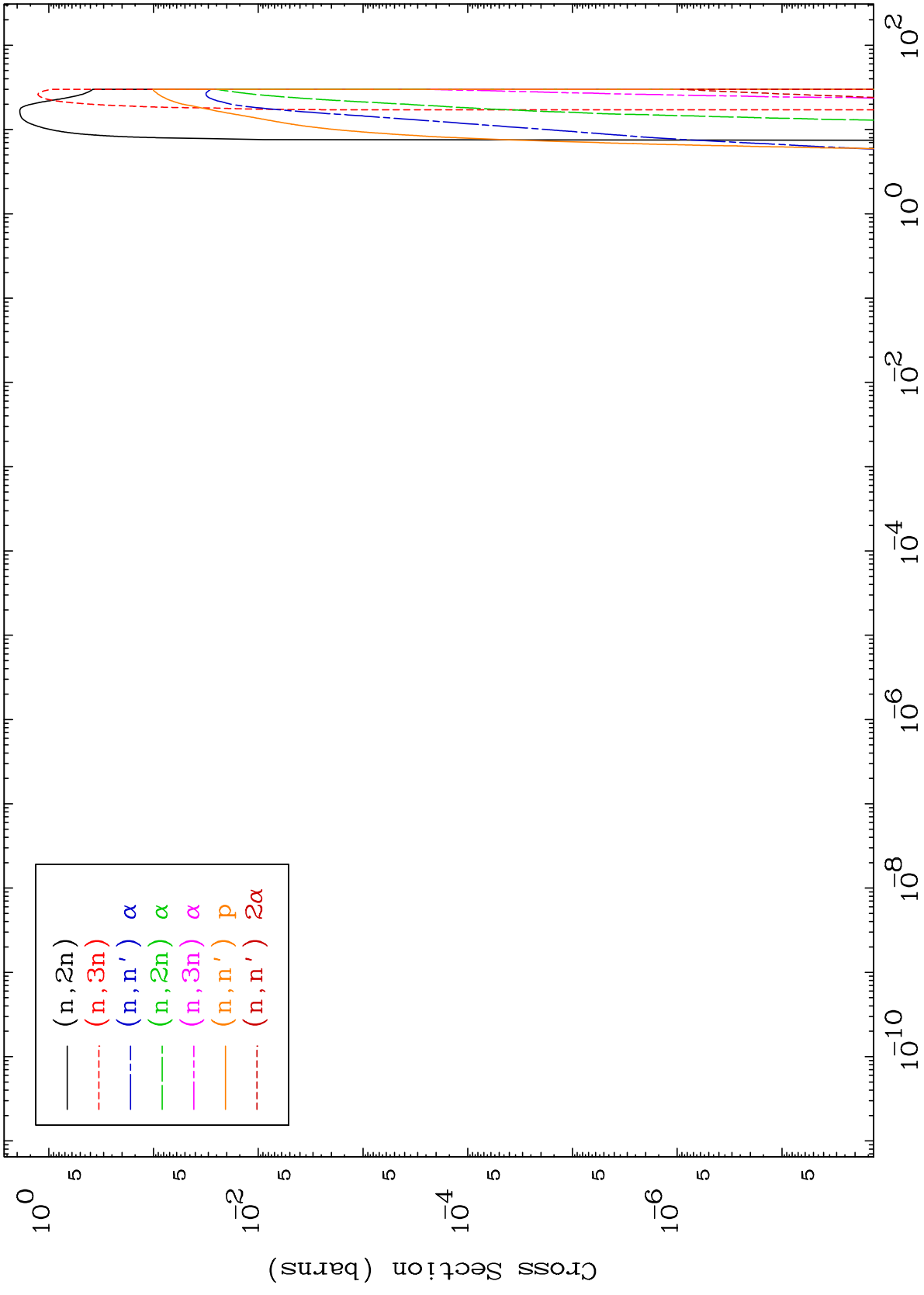
71-Lu-168



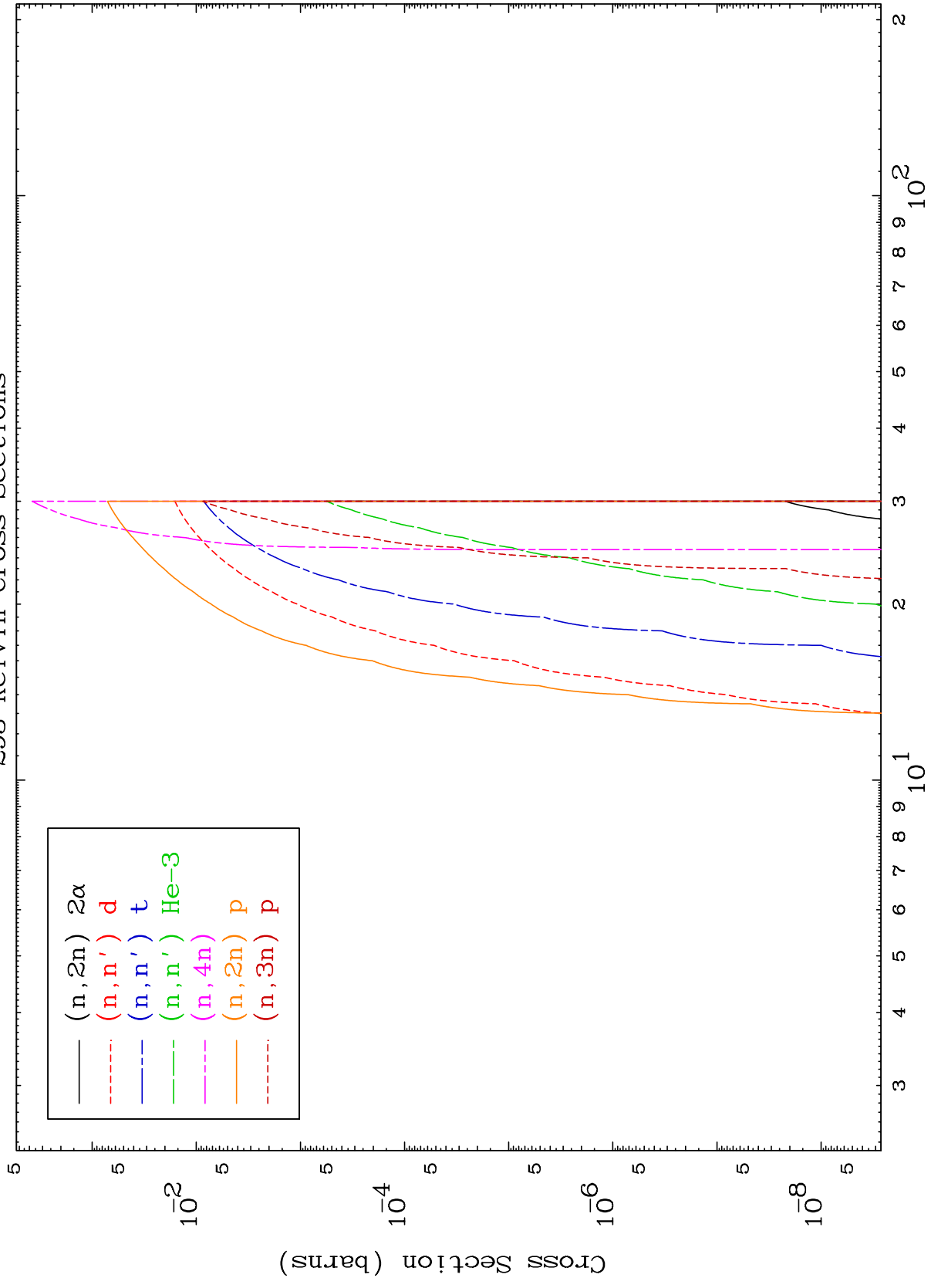
MAT 7105

Neutron Production  
293 Kelvin Cross Sections

71-Lu-168



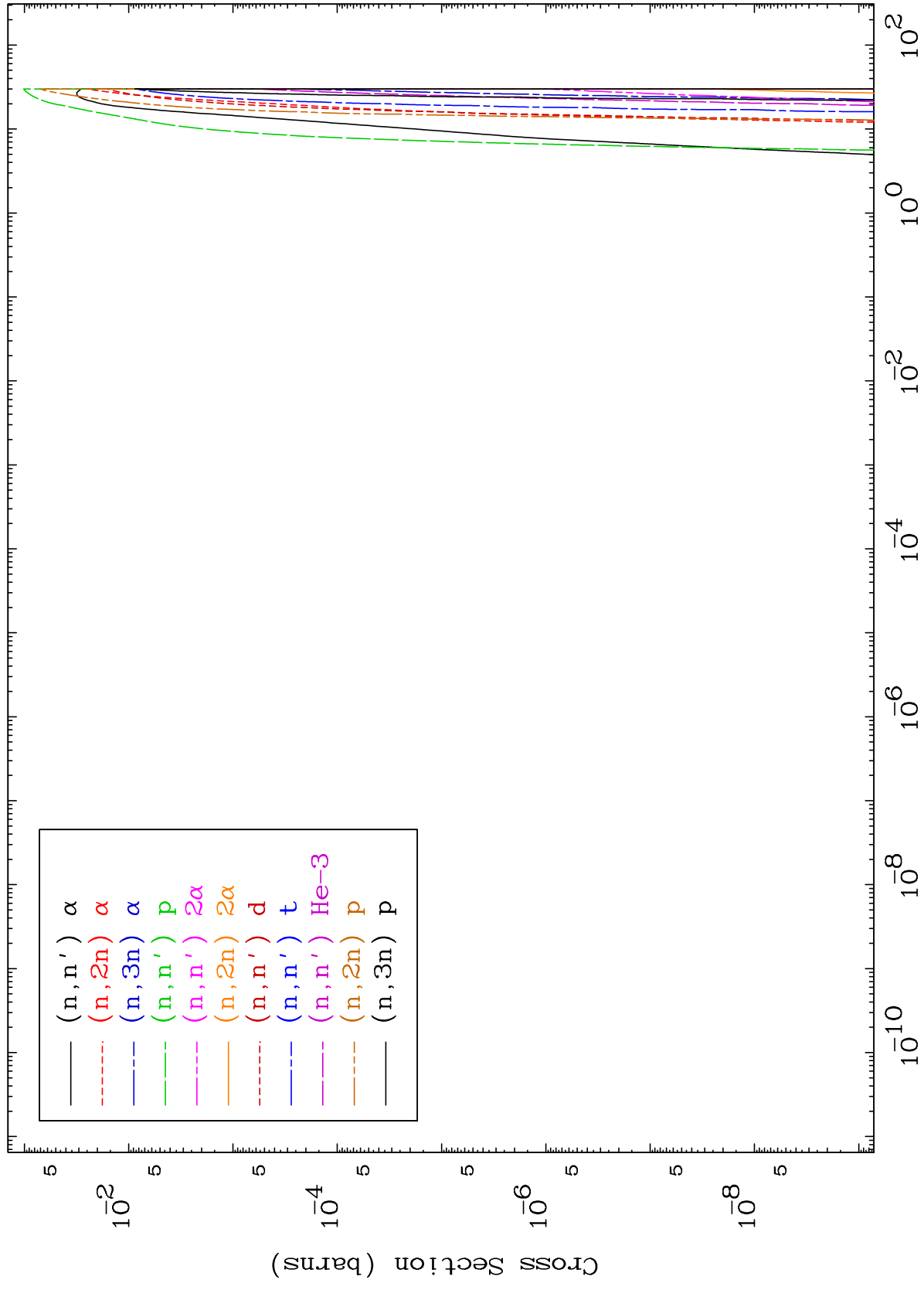
71-Lu-168



MAT 7105

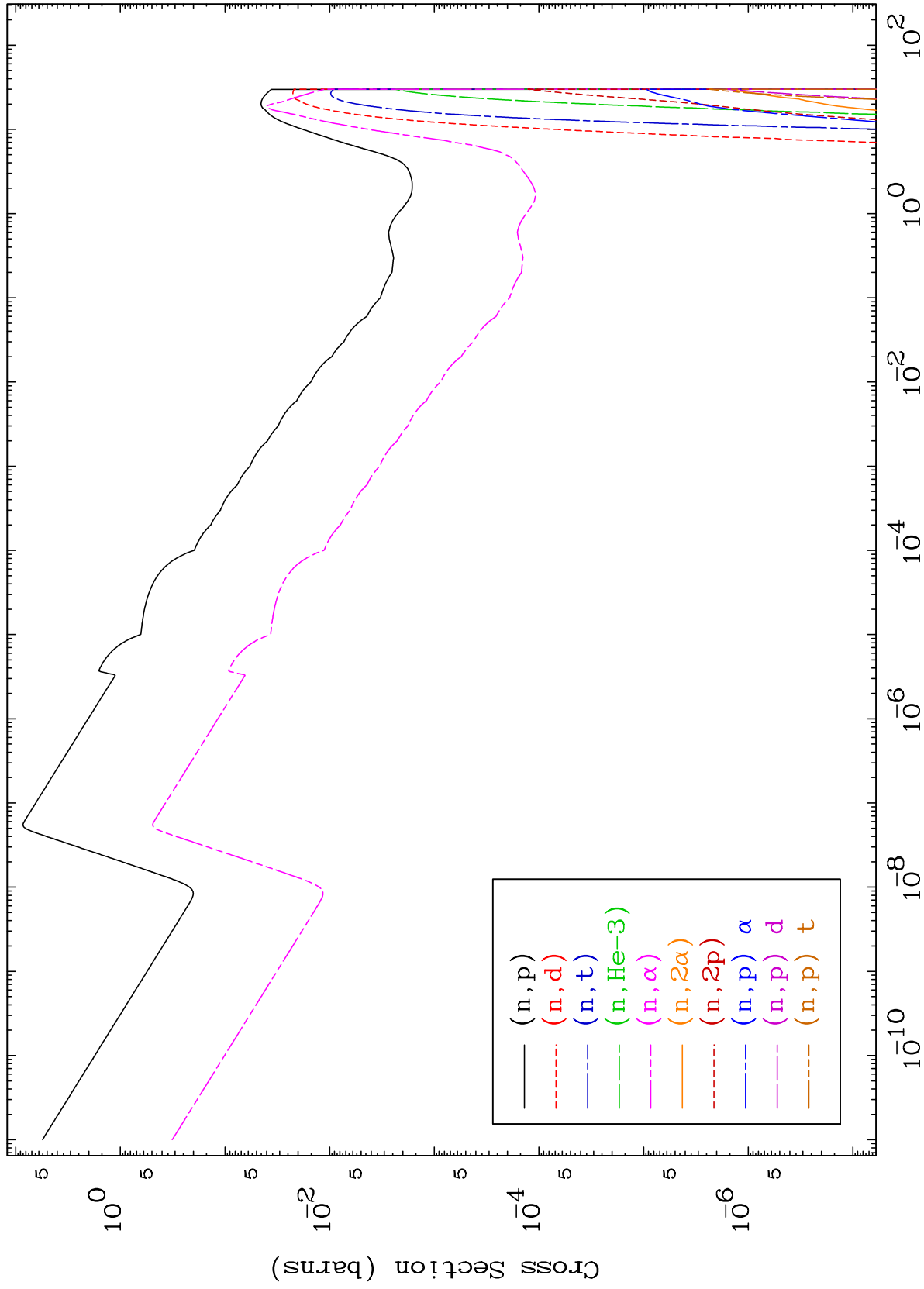
293 Charged Particle  
Kelvin Cross Sections

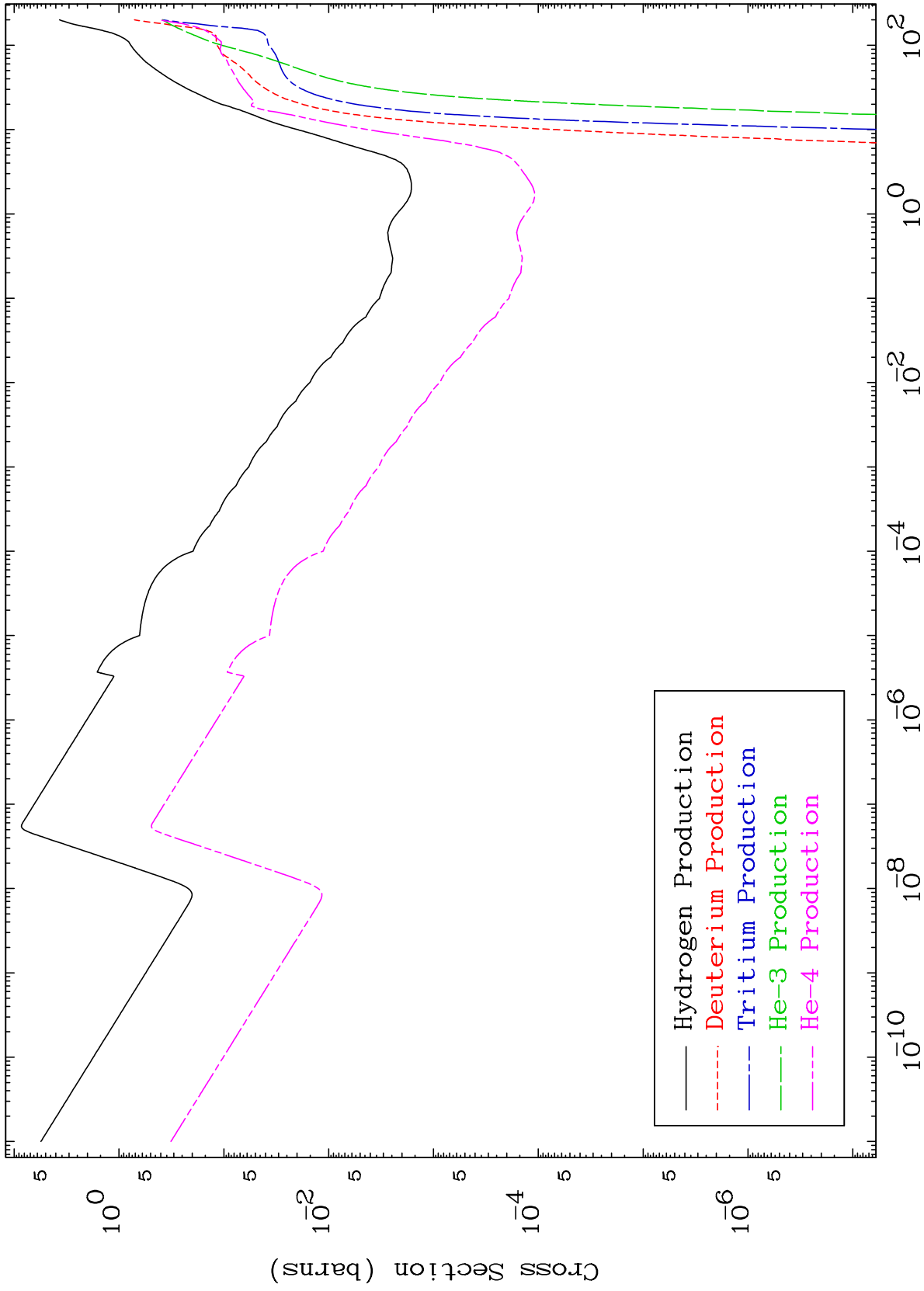
71-Lu-168



71-Lu-168

Incident Energy (MeV)

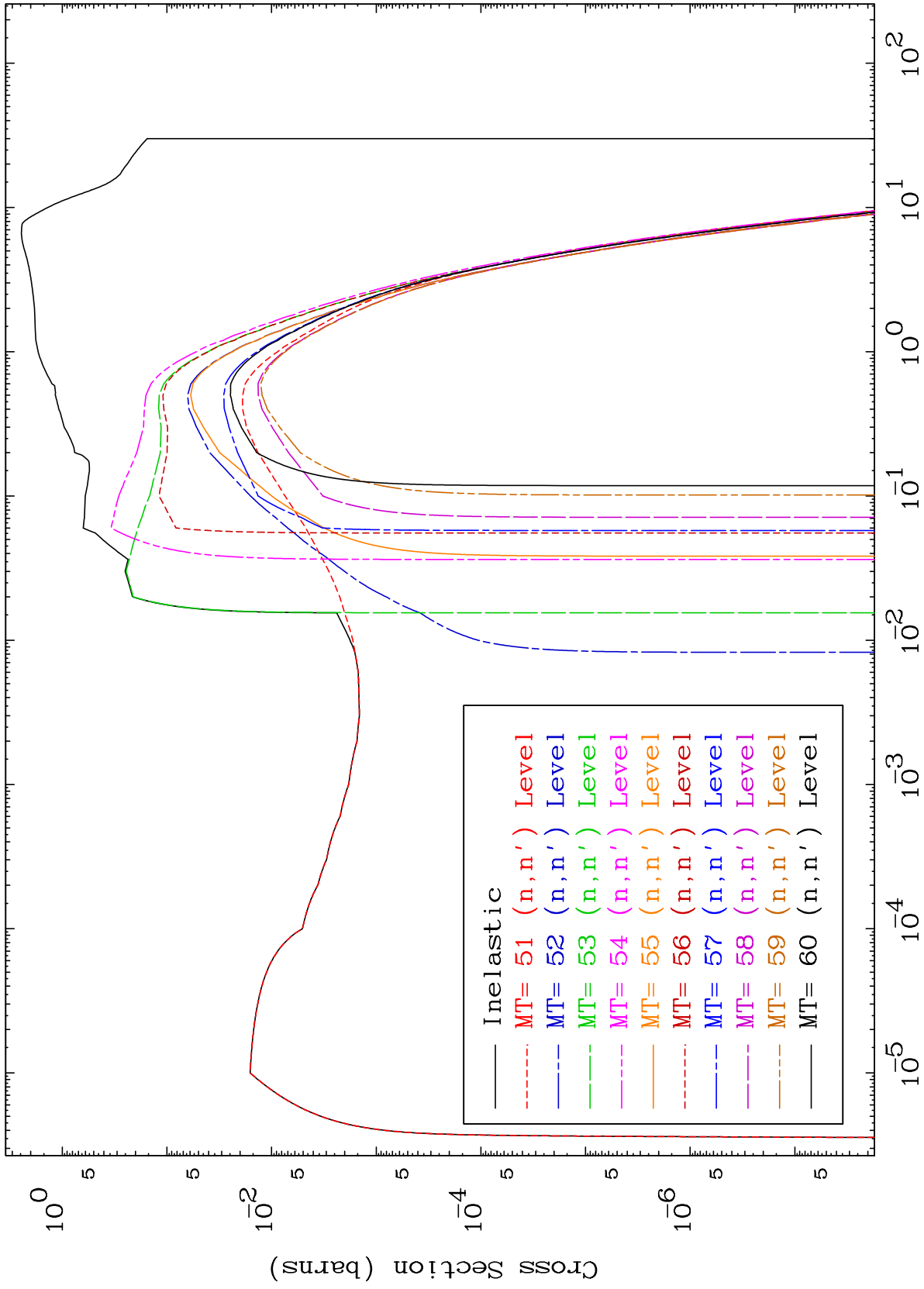




MAT 7105

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-168



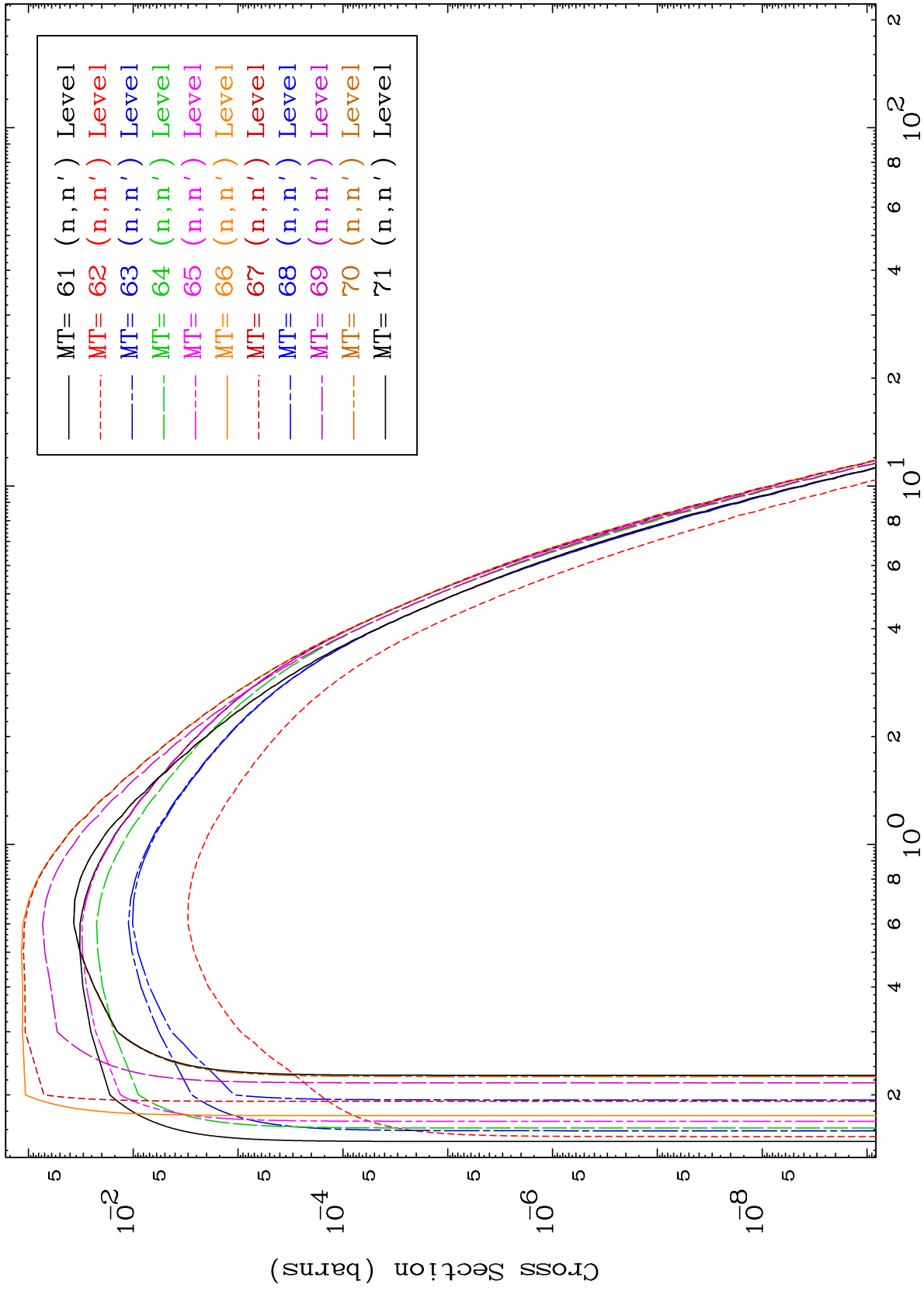


MAT 7105

(n,n') Level

71-Lu-168

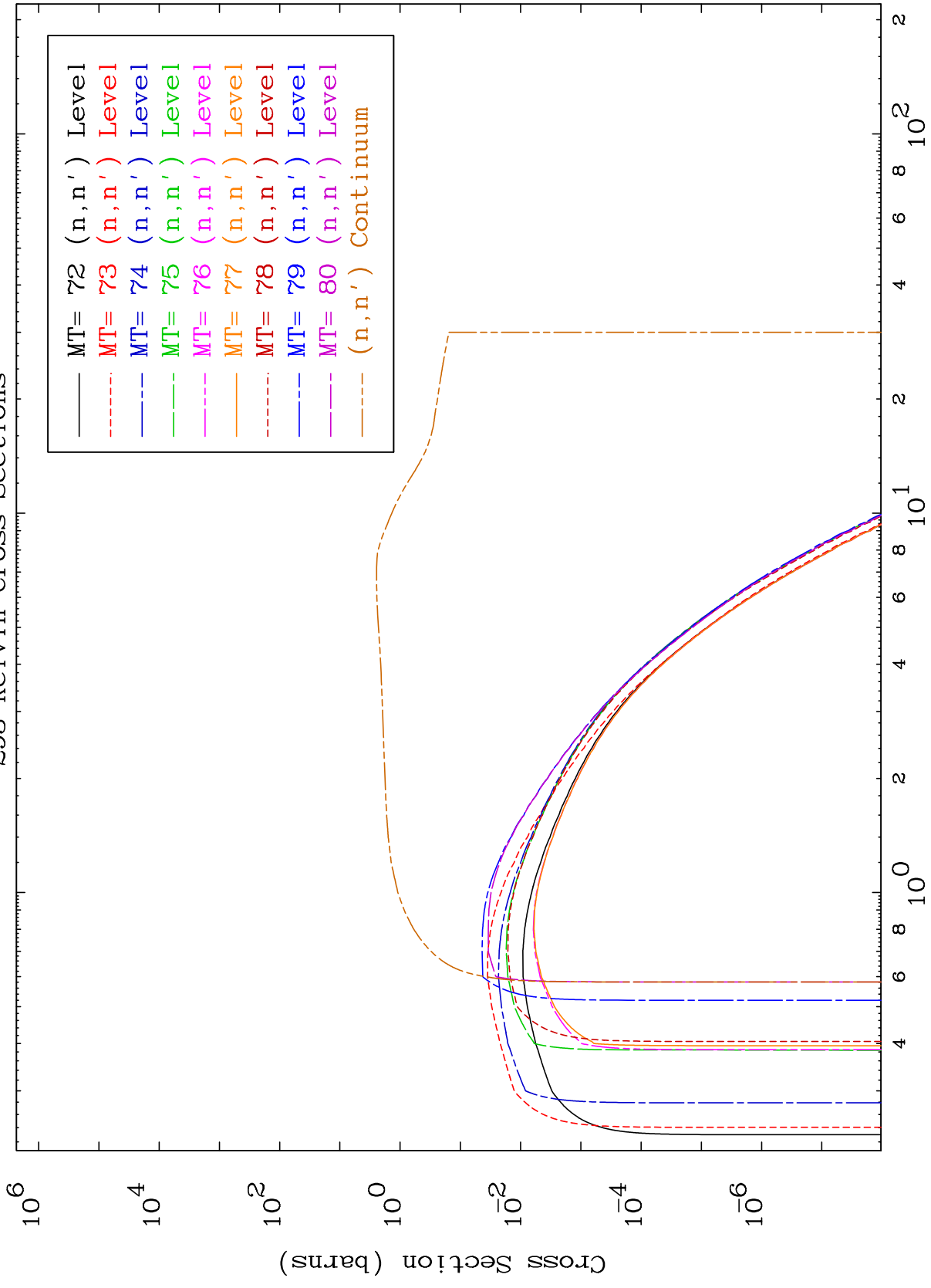
293 Kelvin Cross Sections



8

Incident Energy (MeV)

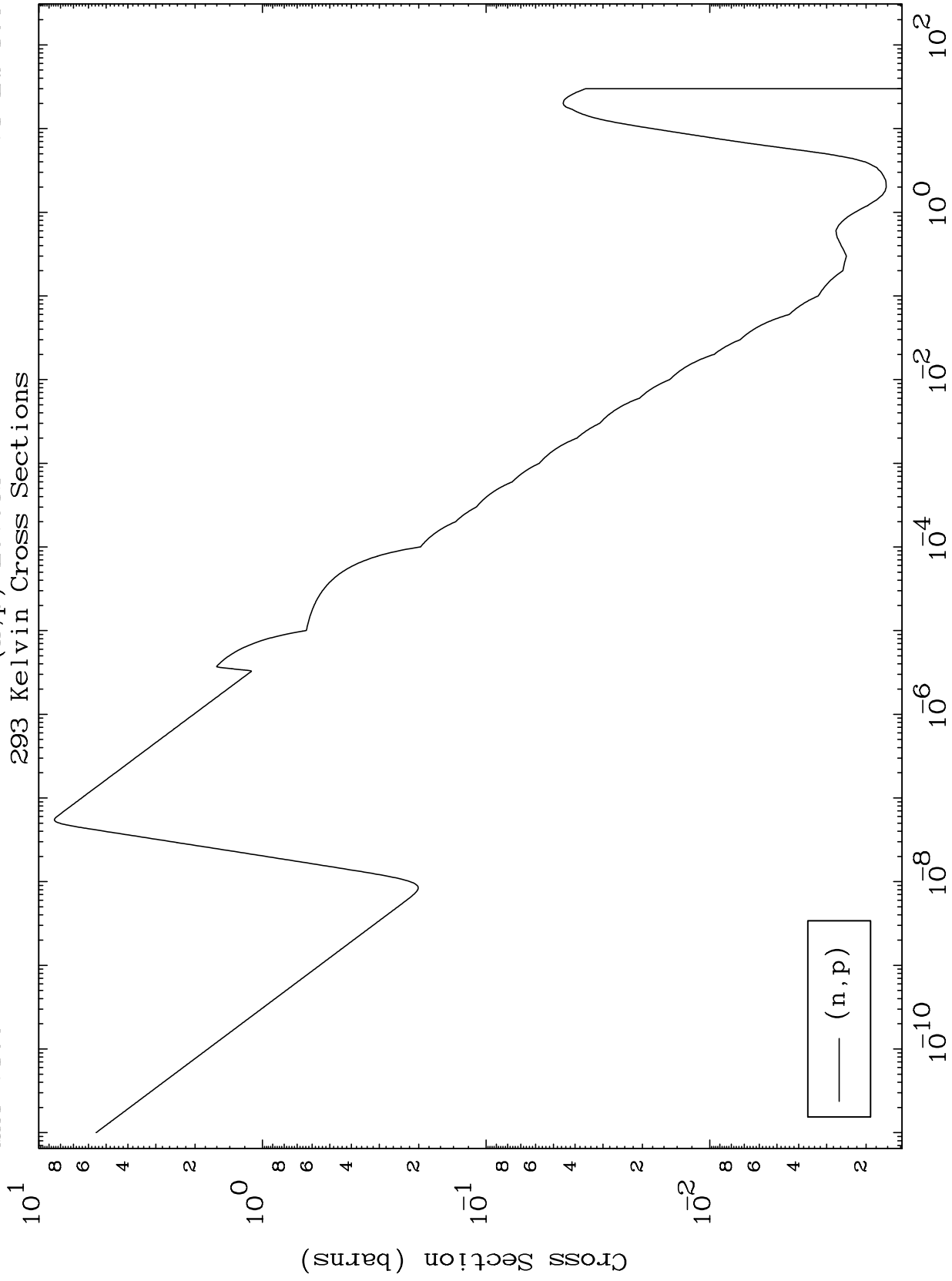
71-Lu-168



MAT 7105

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-168



10

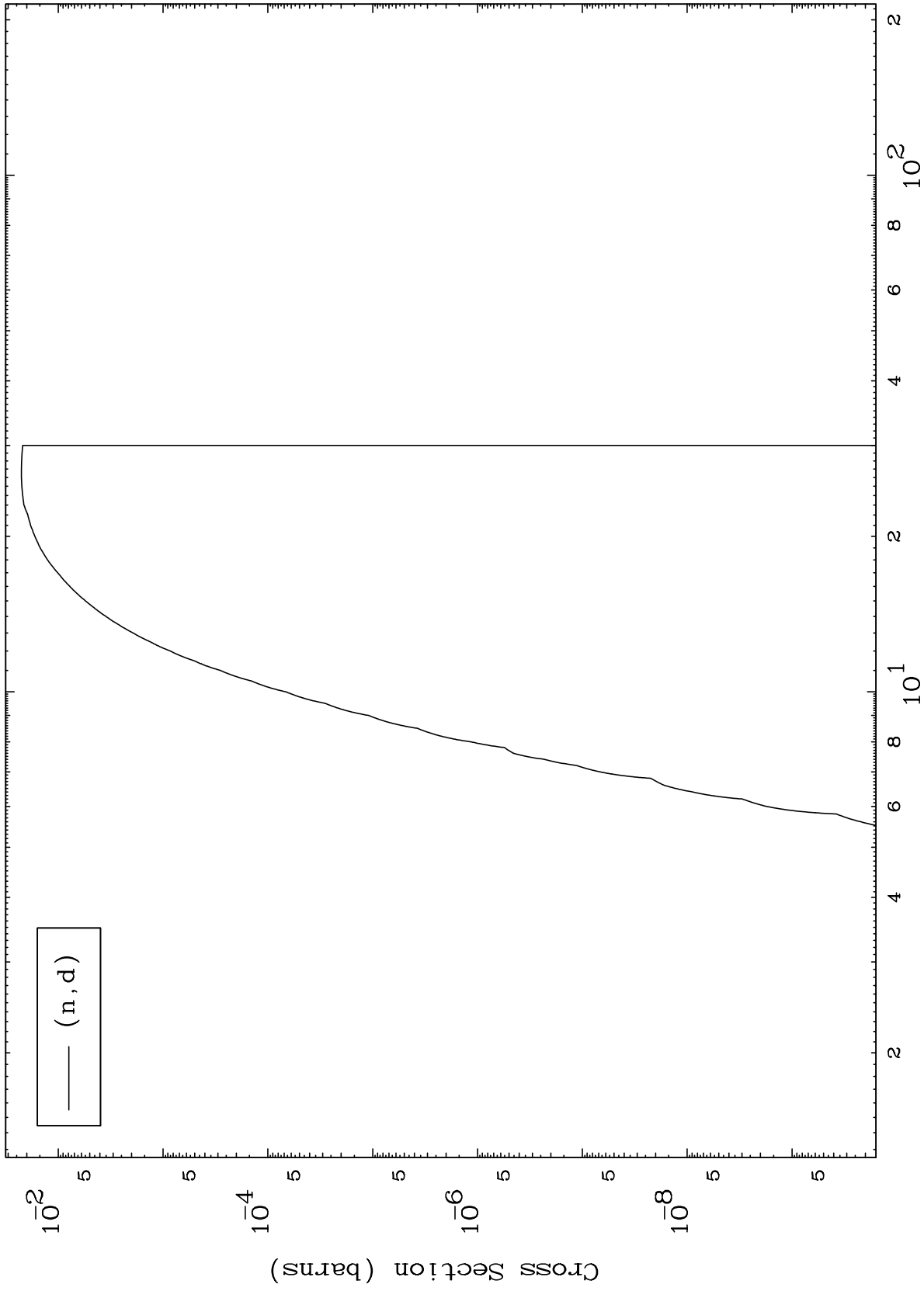
Incident Energy (MeV)

71-Lu-168

MAT 7105

(n,d) Levels  
293 Kelvin Cross Sections

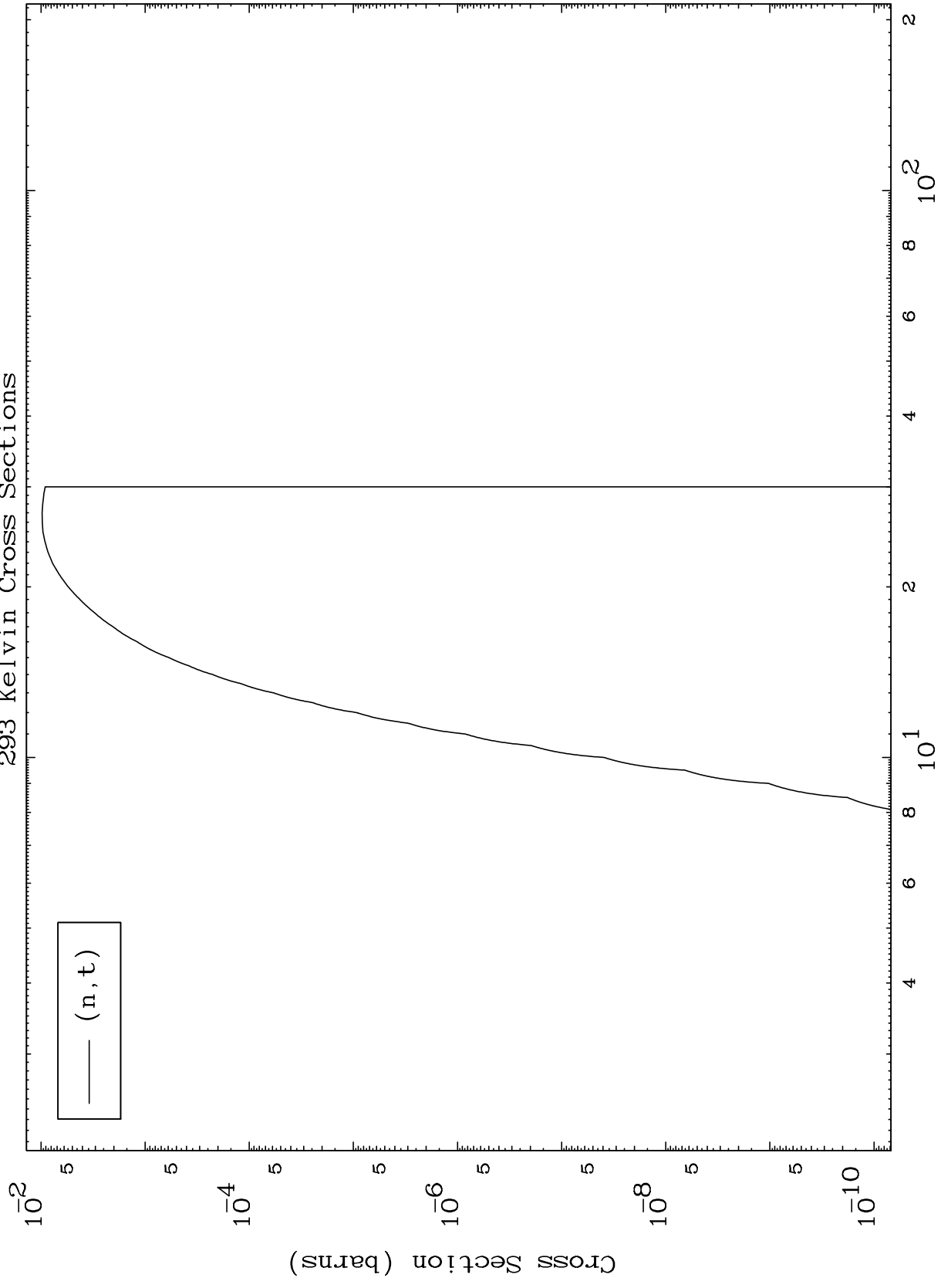
71-Lu-168



MAT 7105

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-168



12

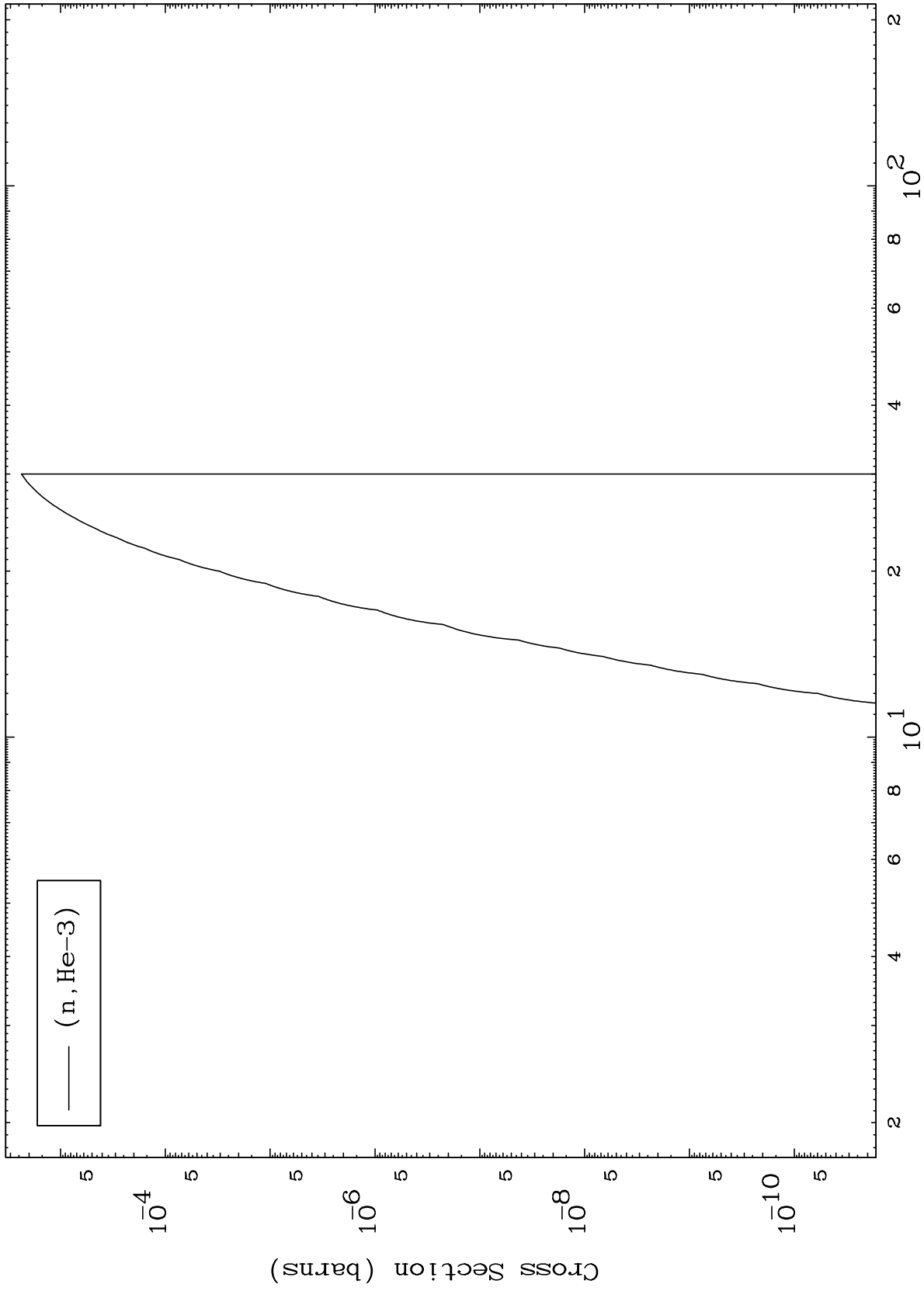
Incident Energy (MeV)

71-Lu-168

MAT 7105

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-168



13

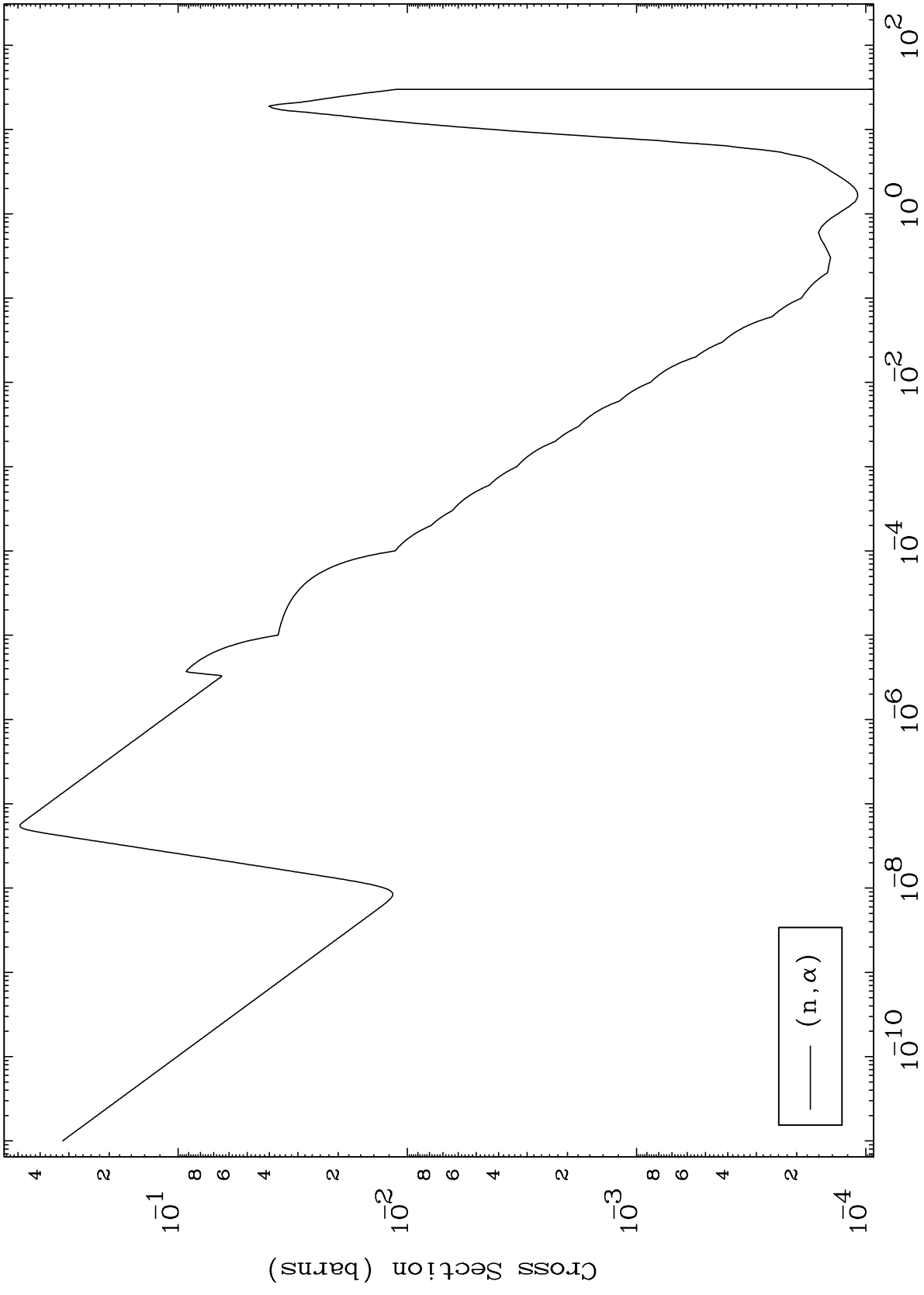
Incident Energy (MeV)

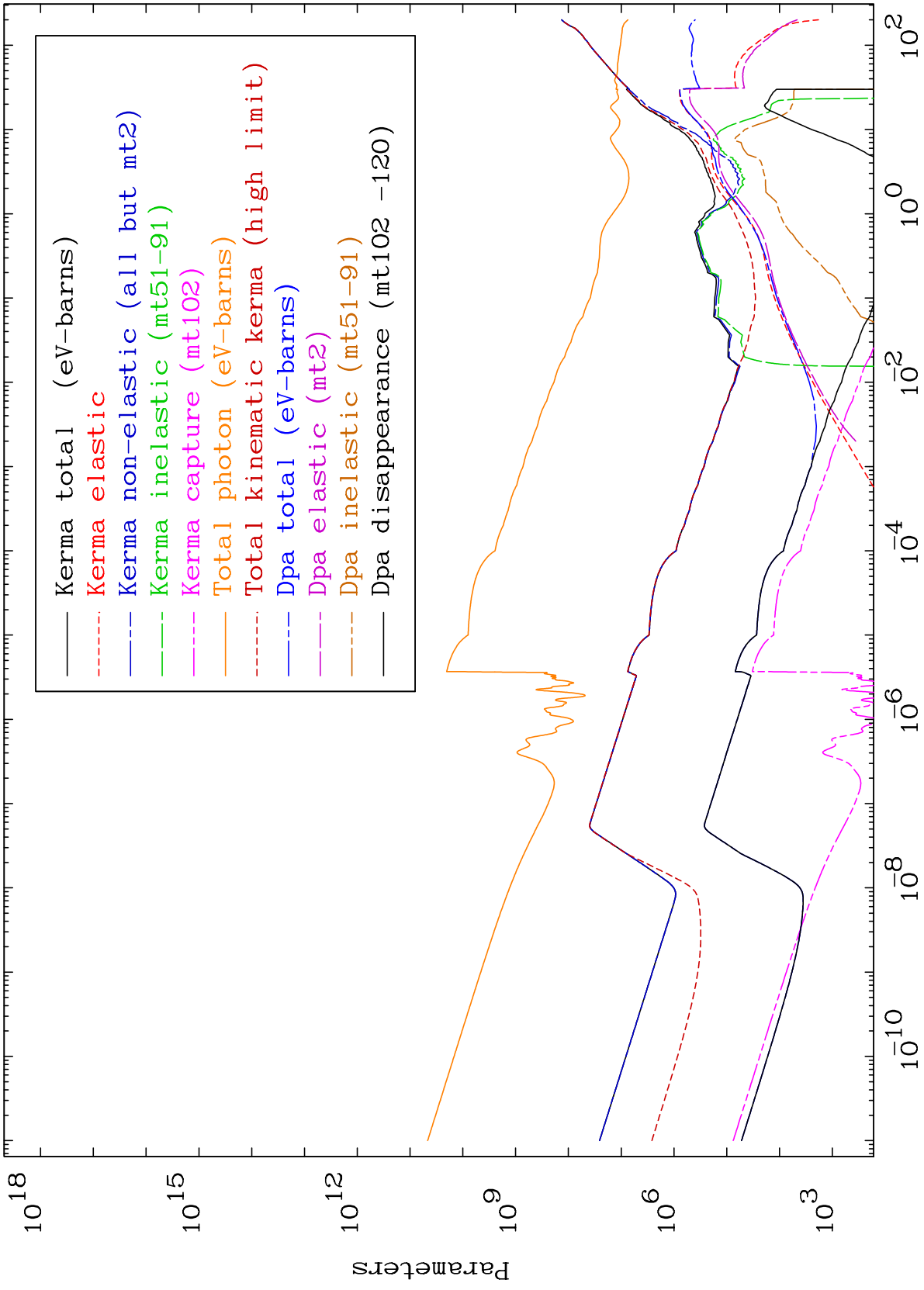
71-Lu-168

MAT 7105

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-168







MAT 7105

Elastic Legendre Coefficients

71-Lu-168



16

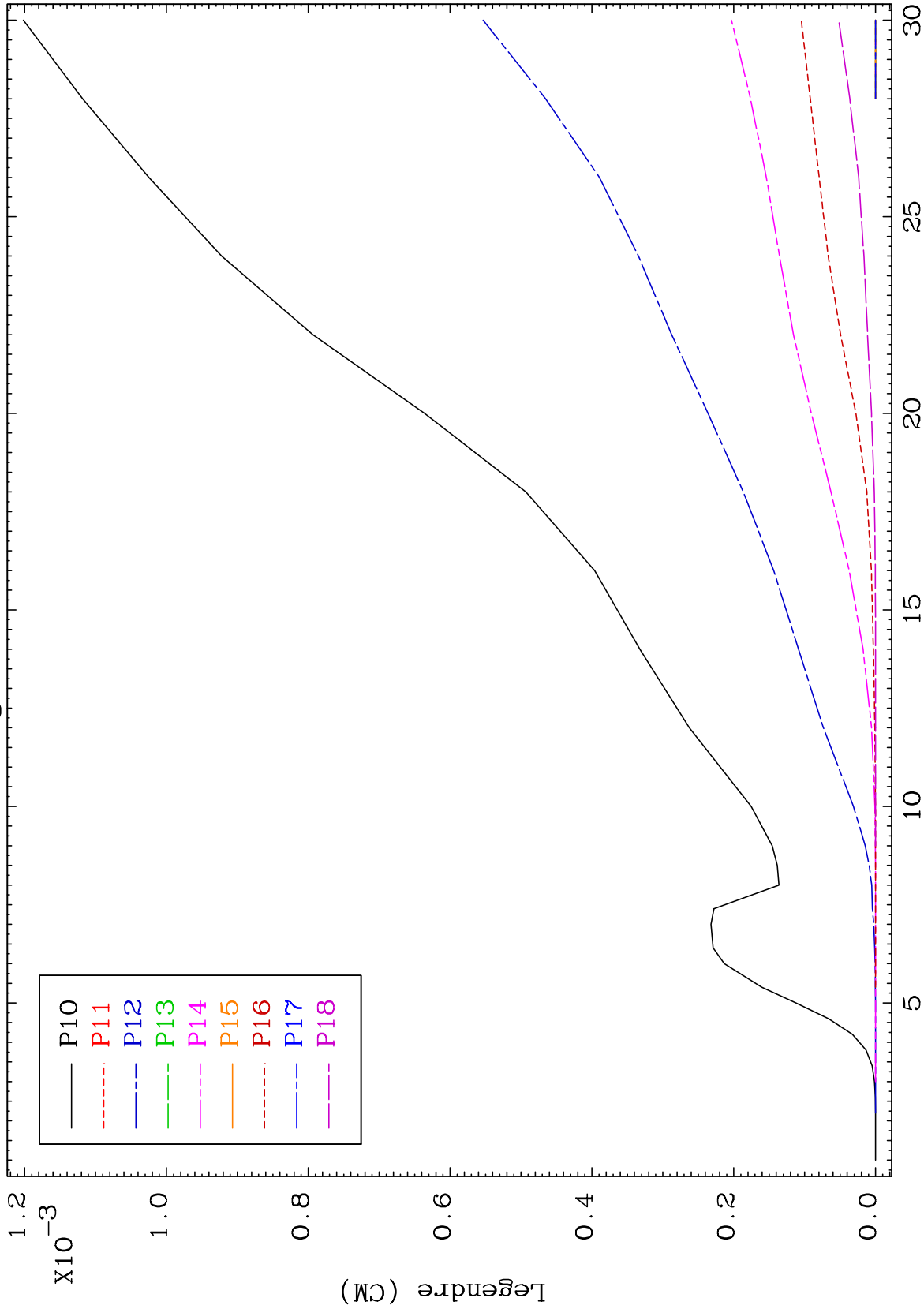
Incident Energy (MeV)

71-Lu-168

MAT 7105

Elastic Legendre Coefficients

71-Lu-168



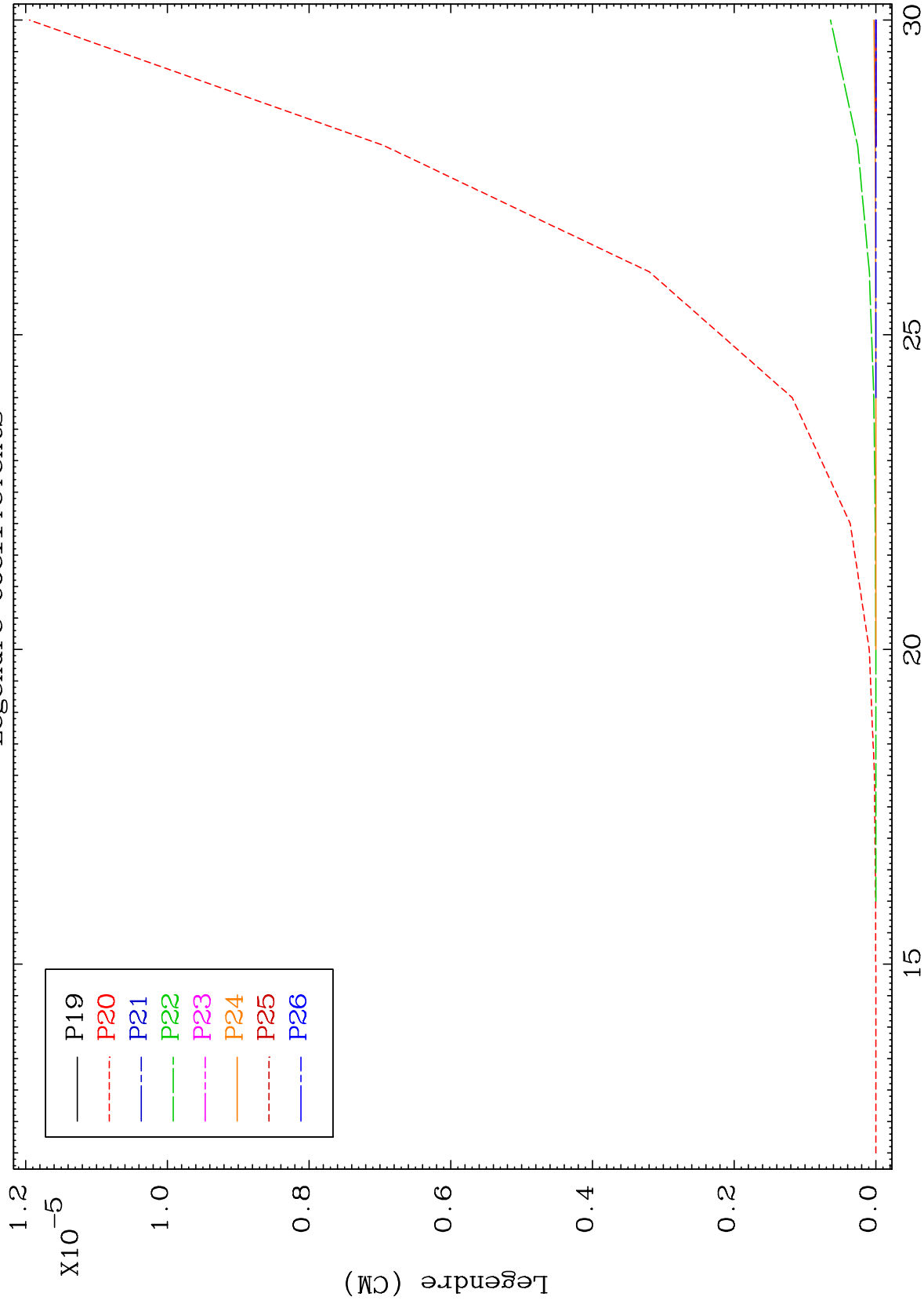
17

71-Lu-168

MAT 7105

Elastic Legendre Coefficients

71-Lu-168



18

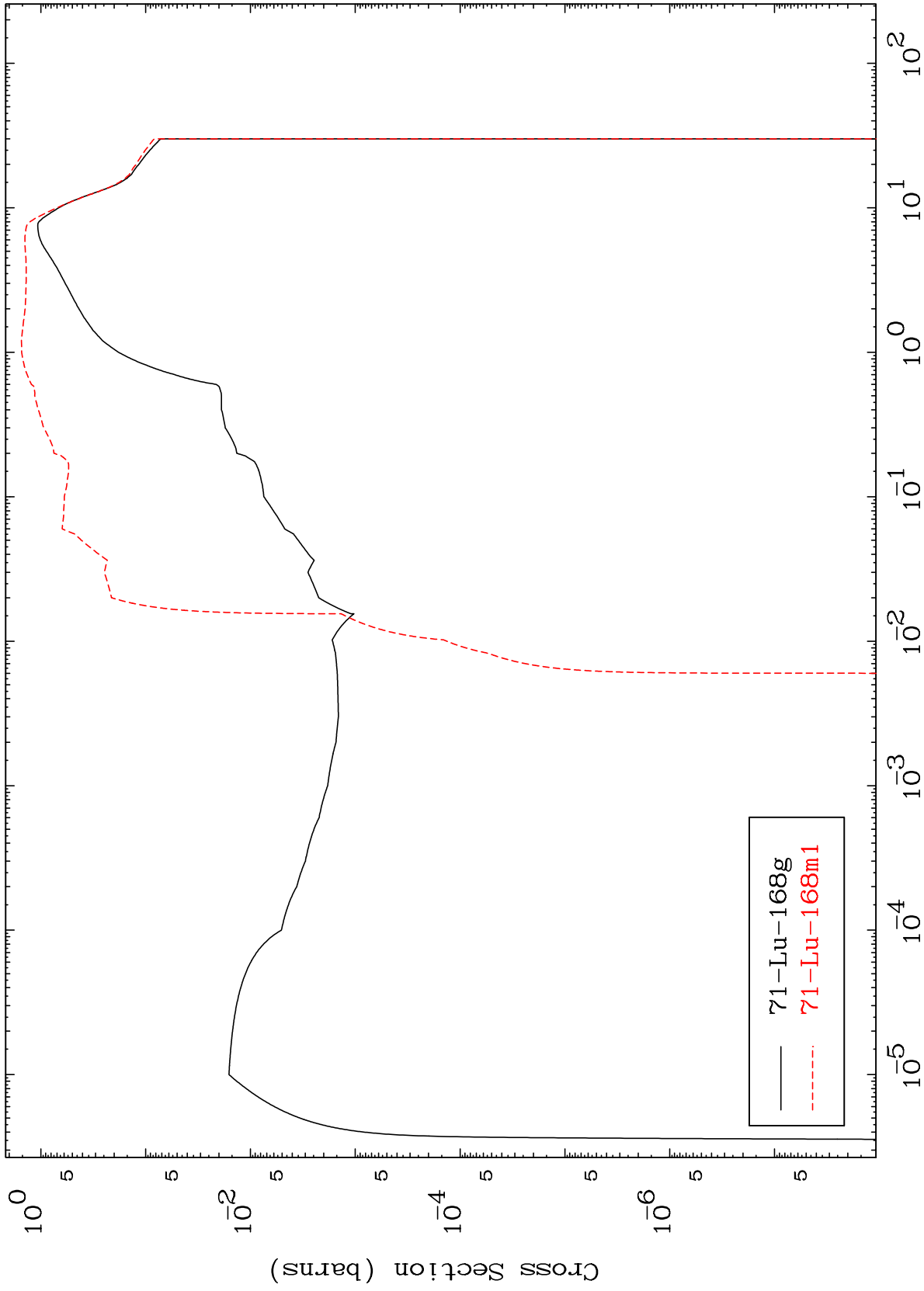
Incident Energy (MeV)

71-Lu-168

MAT 7105

Inelastic  
Radionuclide Production Cross Section

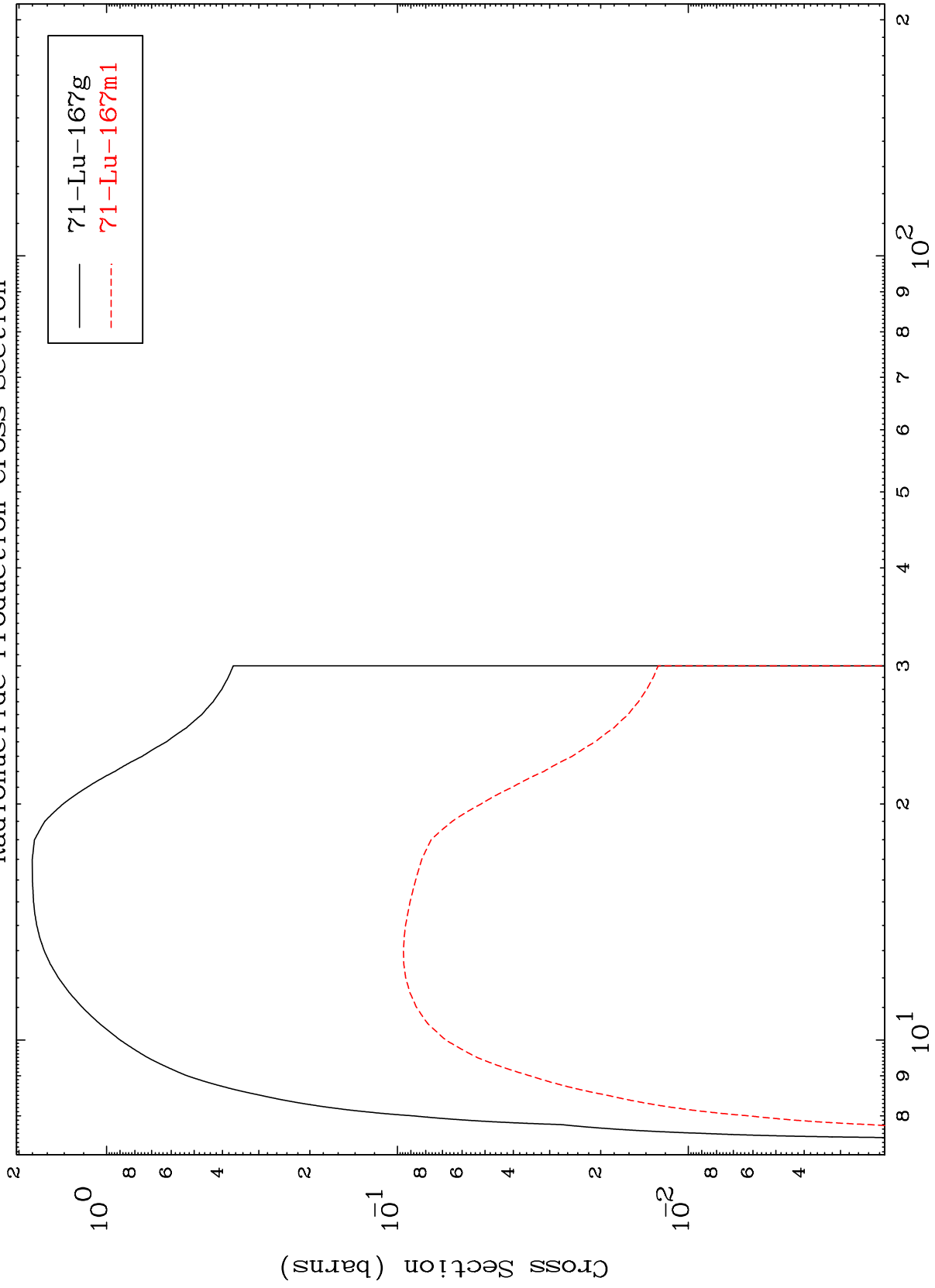
71-Lu-168



MAT 7105

71-Lu-168

(n,2n)  
Radionuclide Production Cross Section



20

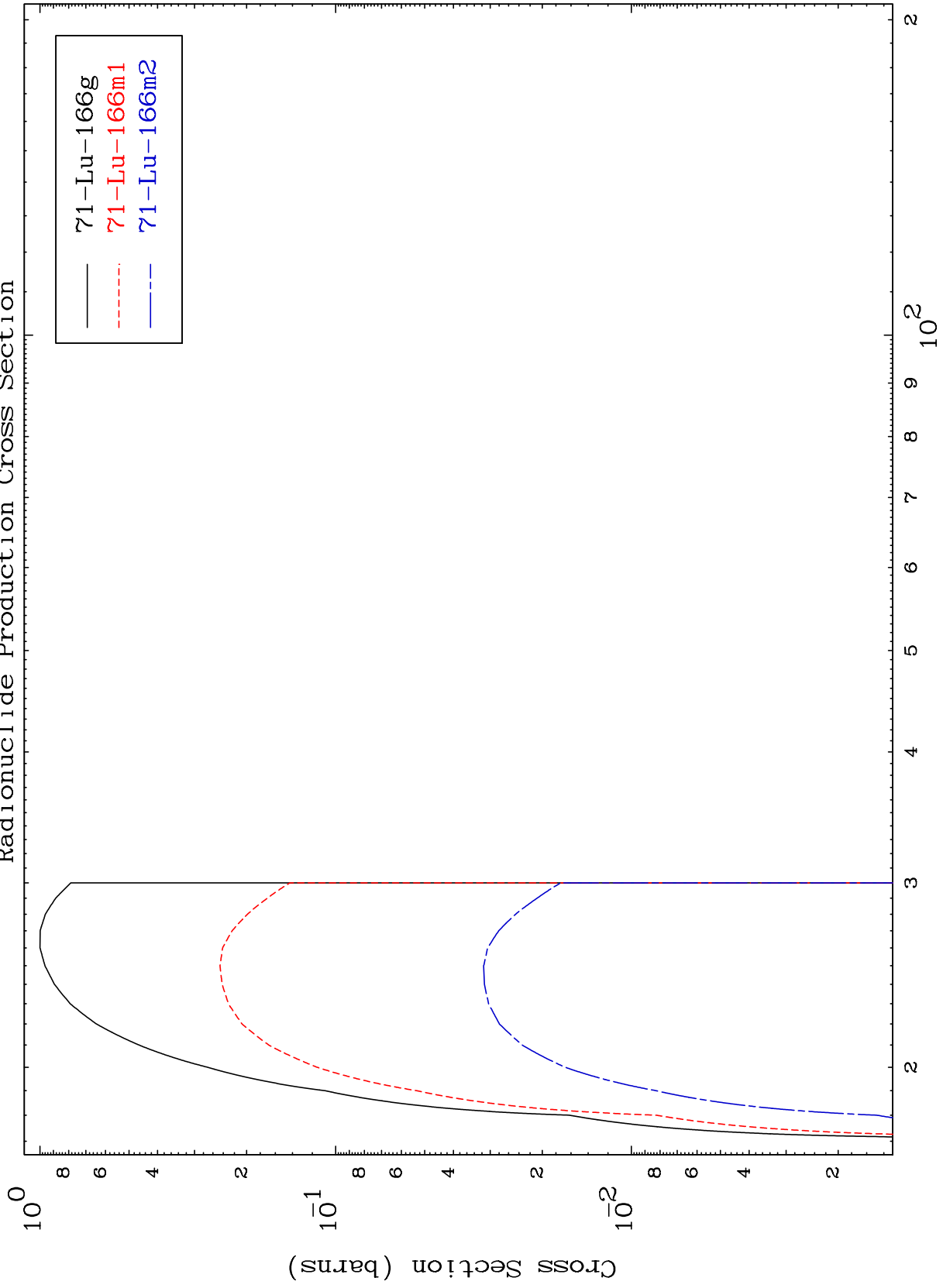
Incident Energy (MeV)

71-Lu-168

MAT 7105

71-Lu-168

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

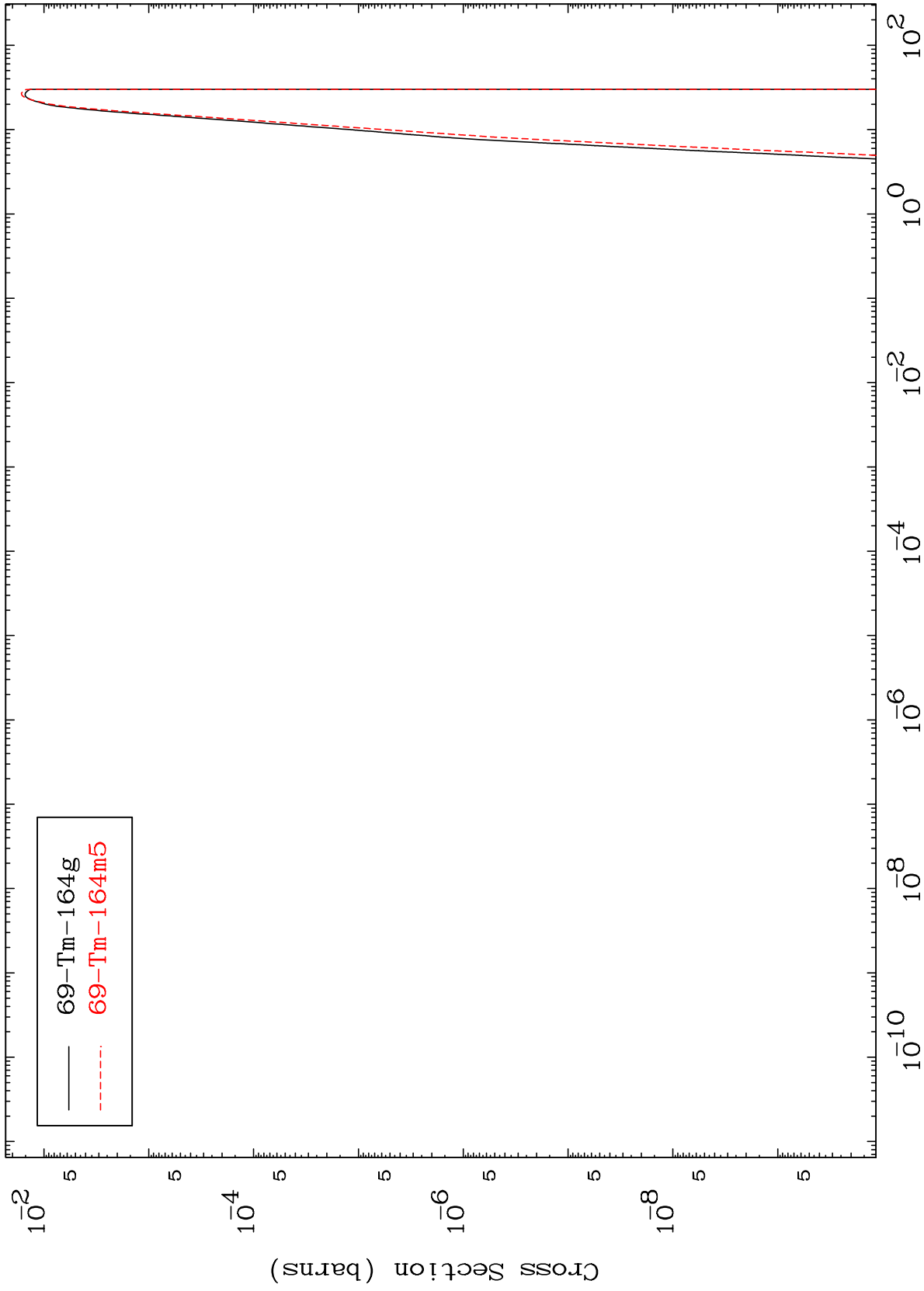
71-Lu-168

MAT 7105

(n,n')  $\alpha$

71-Lu-168

Radionuclide Production Cross Section



22

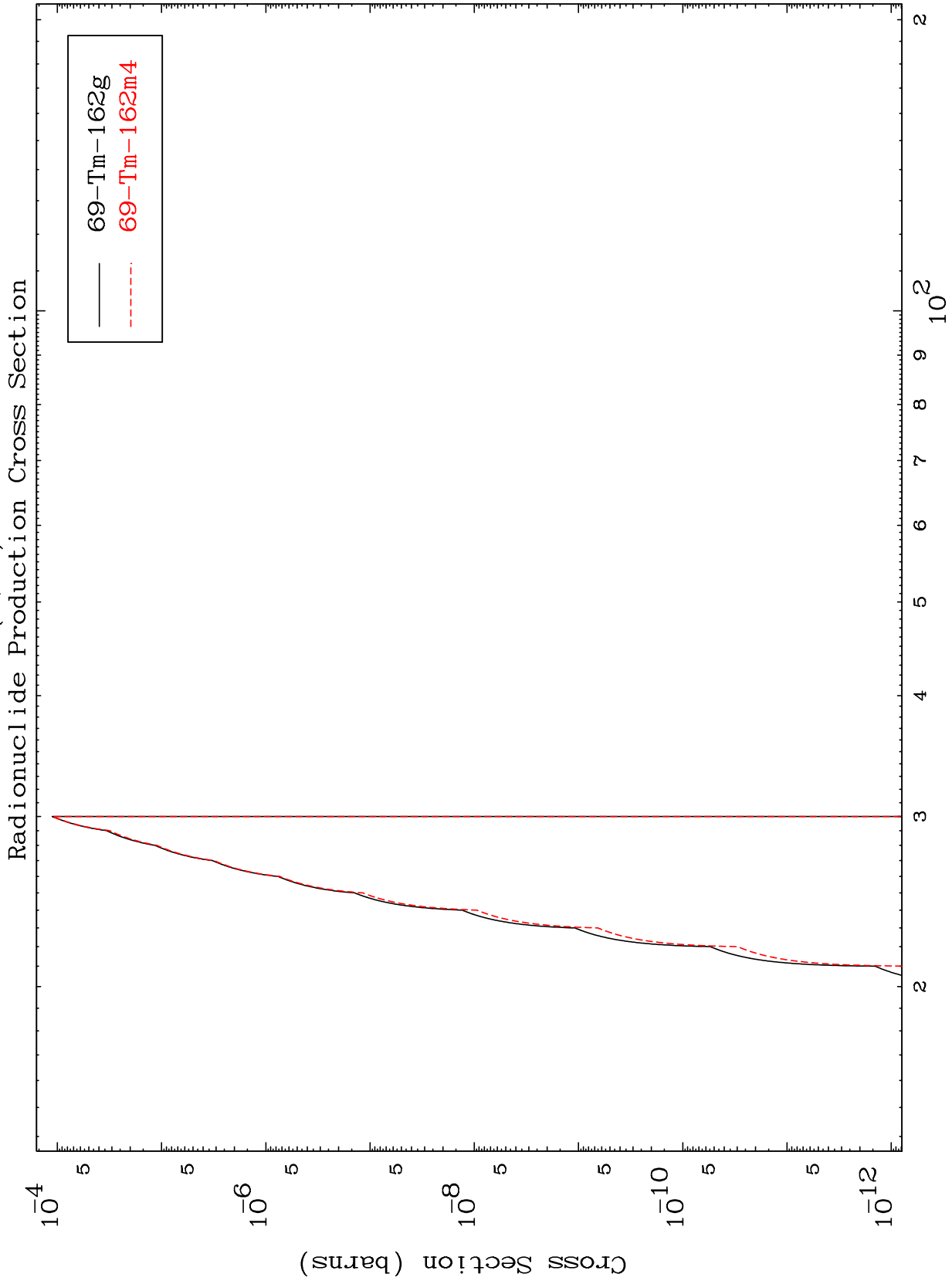
Incident Energy (MeV)

71-Lu-168

MAT 7105

(n,3n)  $\alpha$

71-Lu-168



23

Incident Energy (MeV)

71-Lu-168

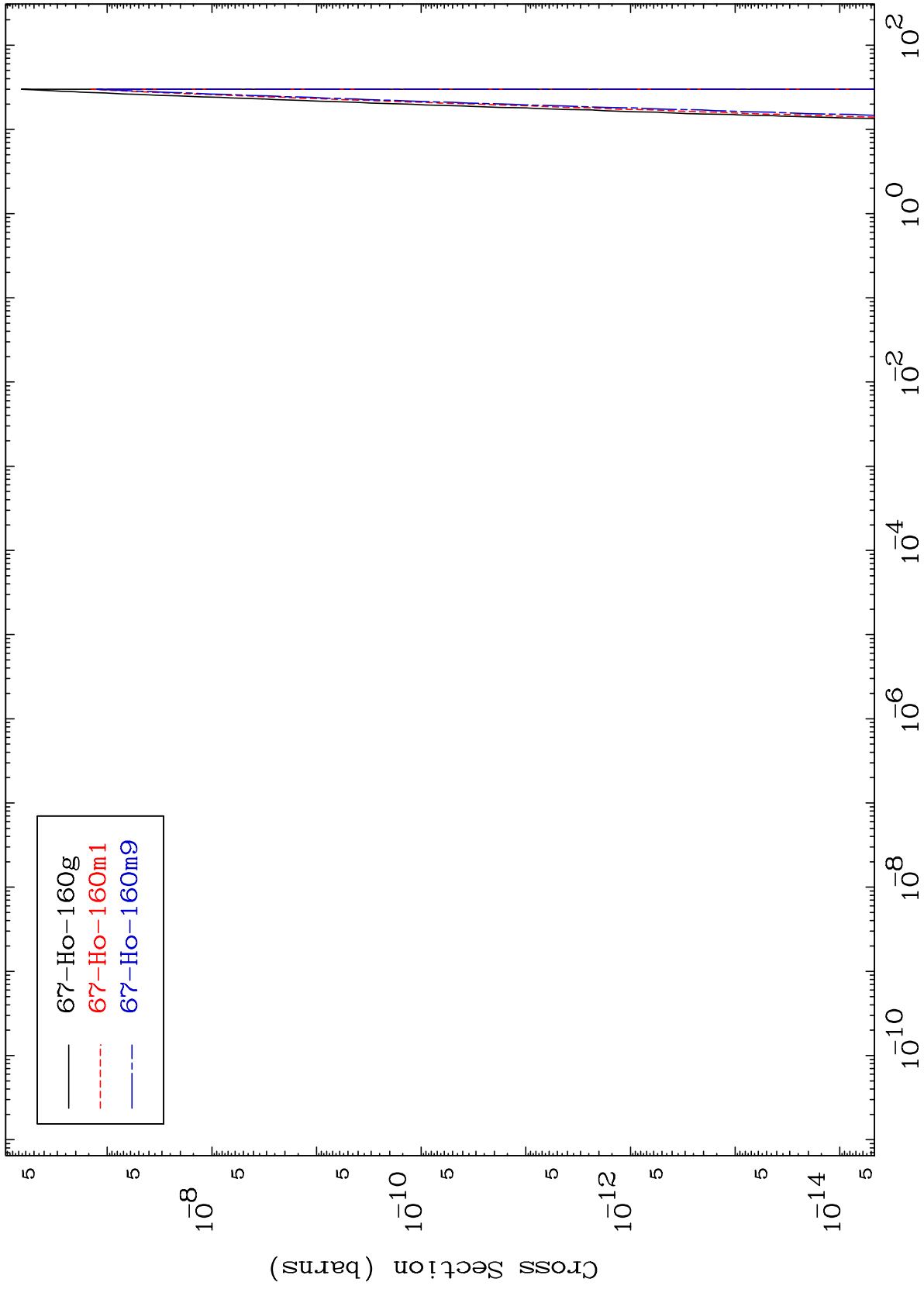


MAT 7105

(n,n') 2 $\alpha$

<sup>71</sup>Lu-168

Radionuclide Production Cross Section



24

Incident Energy (MeV)

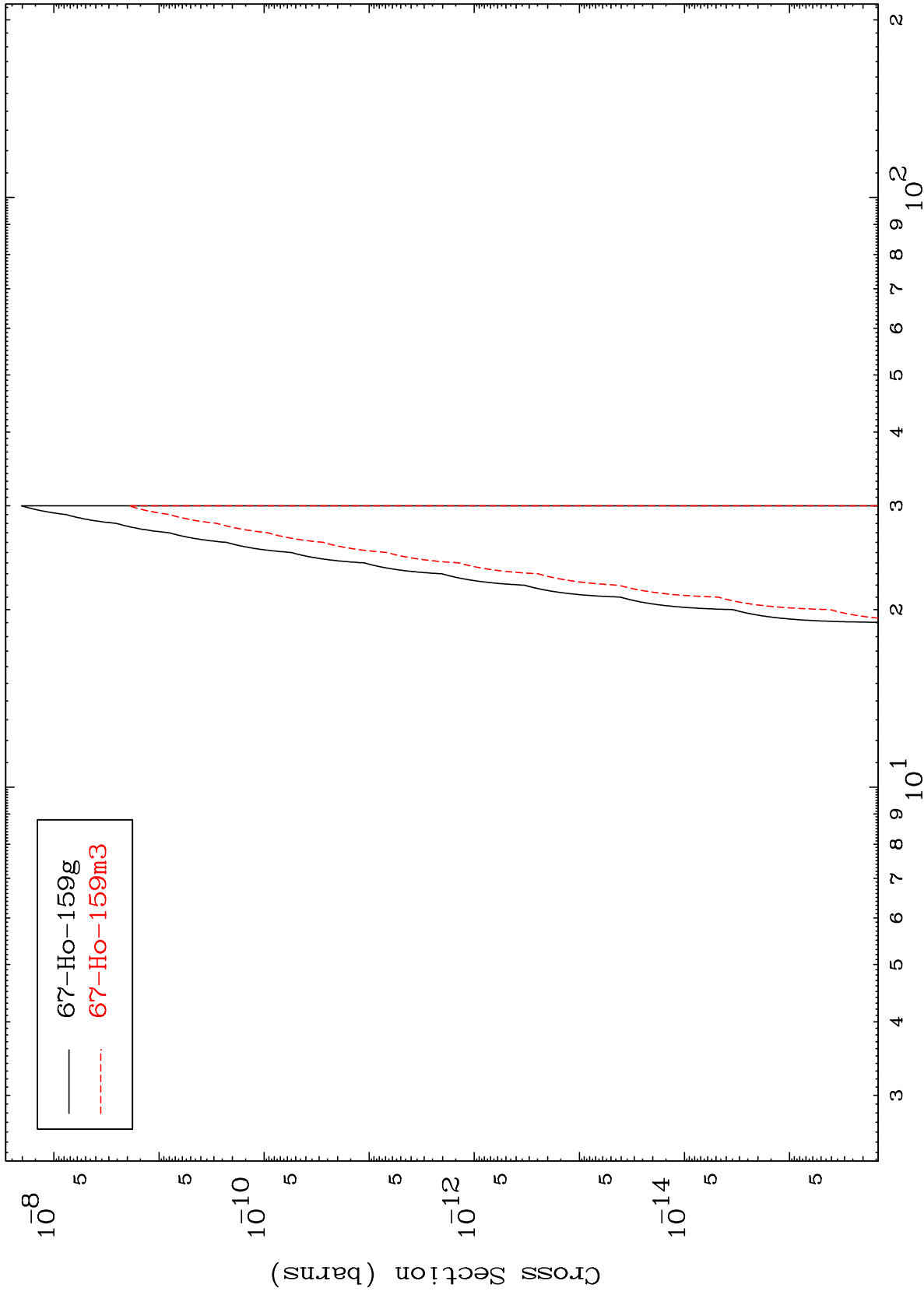
<sup>71</sup>Lu-168

MAT 7105

(n,2n) 2α

71-Lu-168

Radionuclide Production Cross Section



25

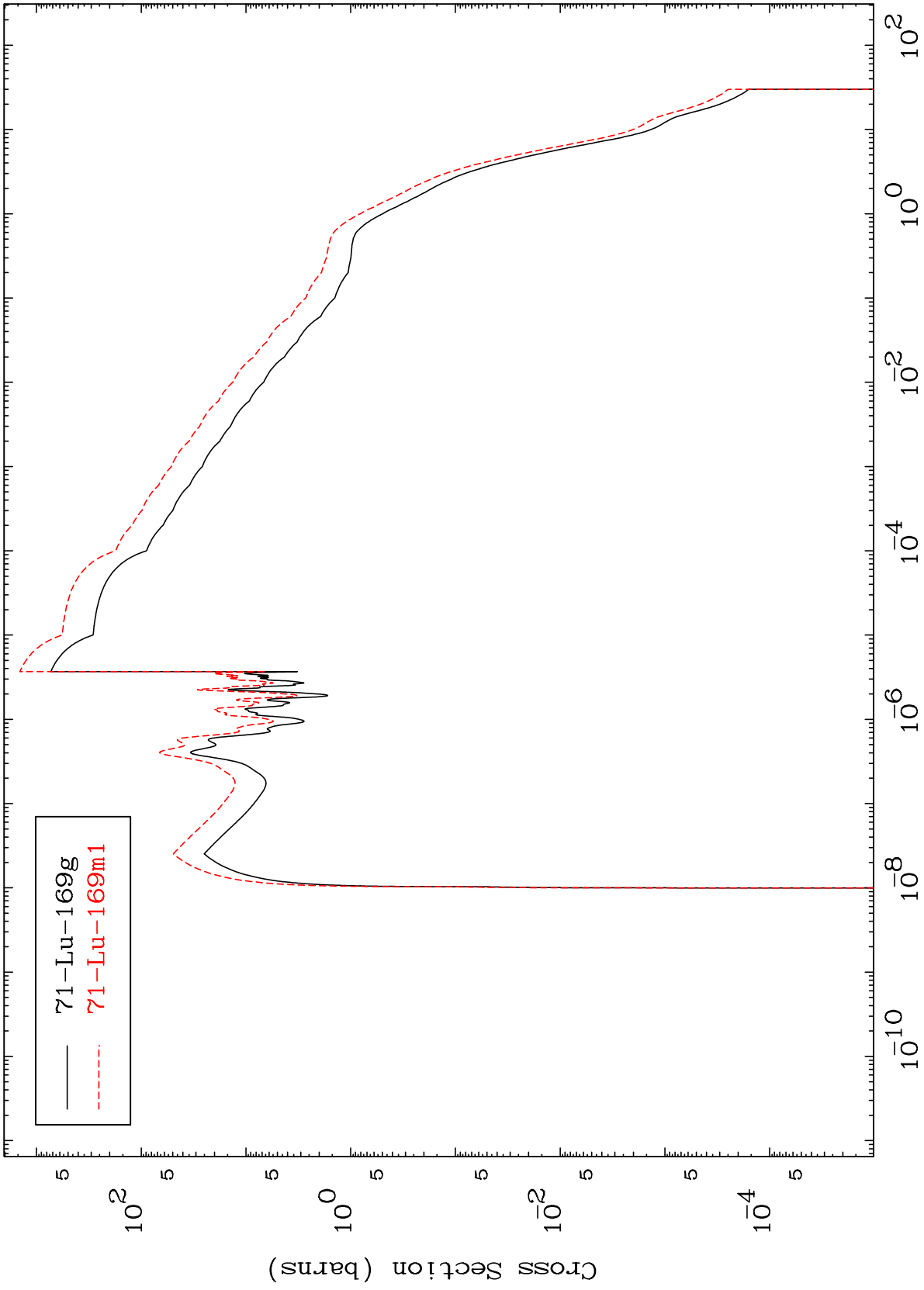
Incident Energy (MeV)

71-Lu-168

MAT 7105

71-Lu-168

Radionuclide Production Cross Section (n,γ)



26

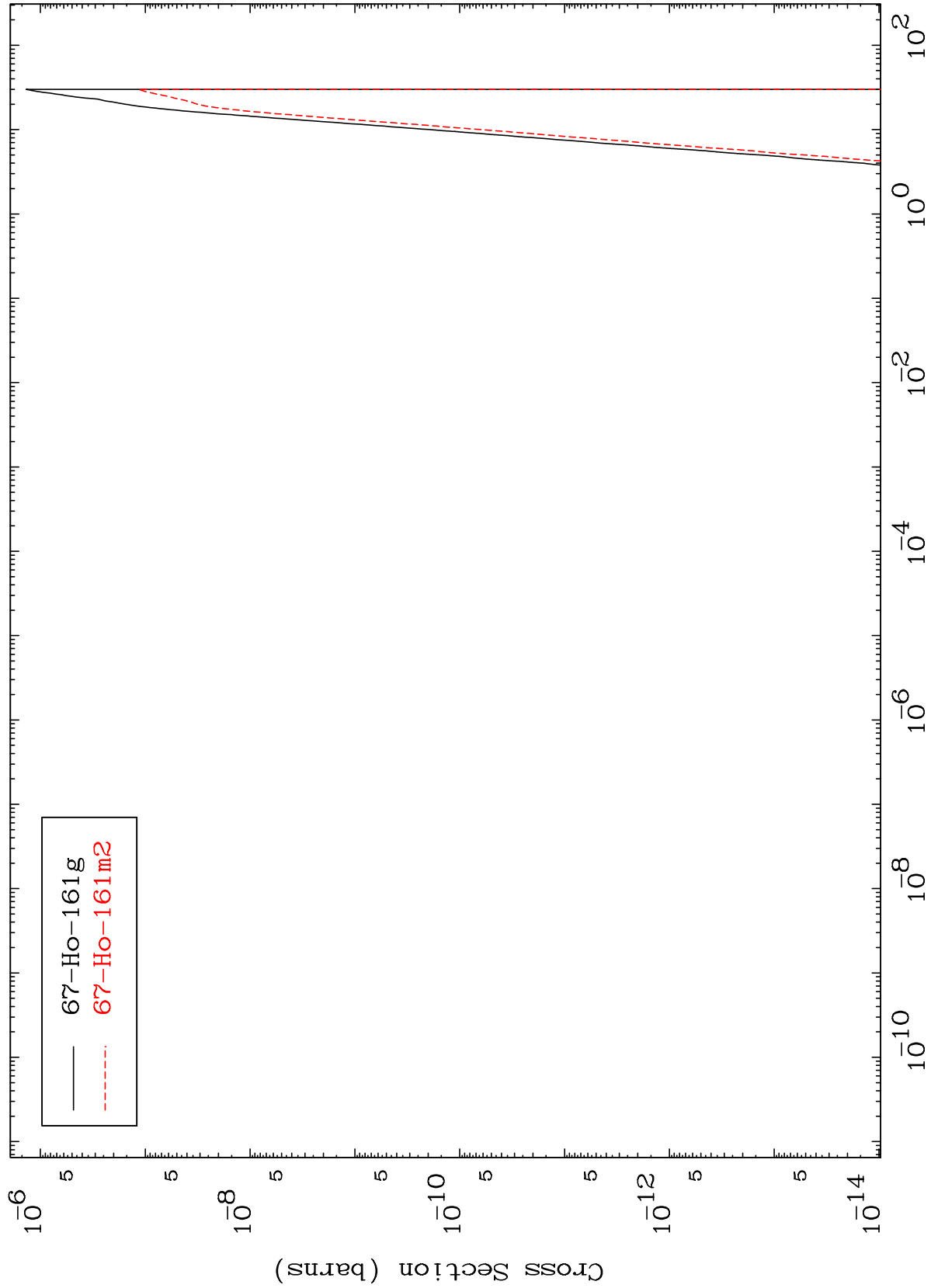
71-Lu-168

MAT 7105

(n,2α)

71-Lu-168

Radionuclide Production Cross Section



27

Incident Energy (MeV)

71-Lu-168