

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

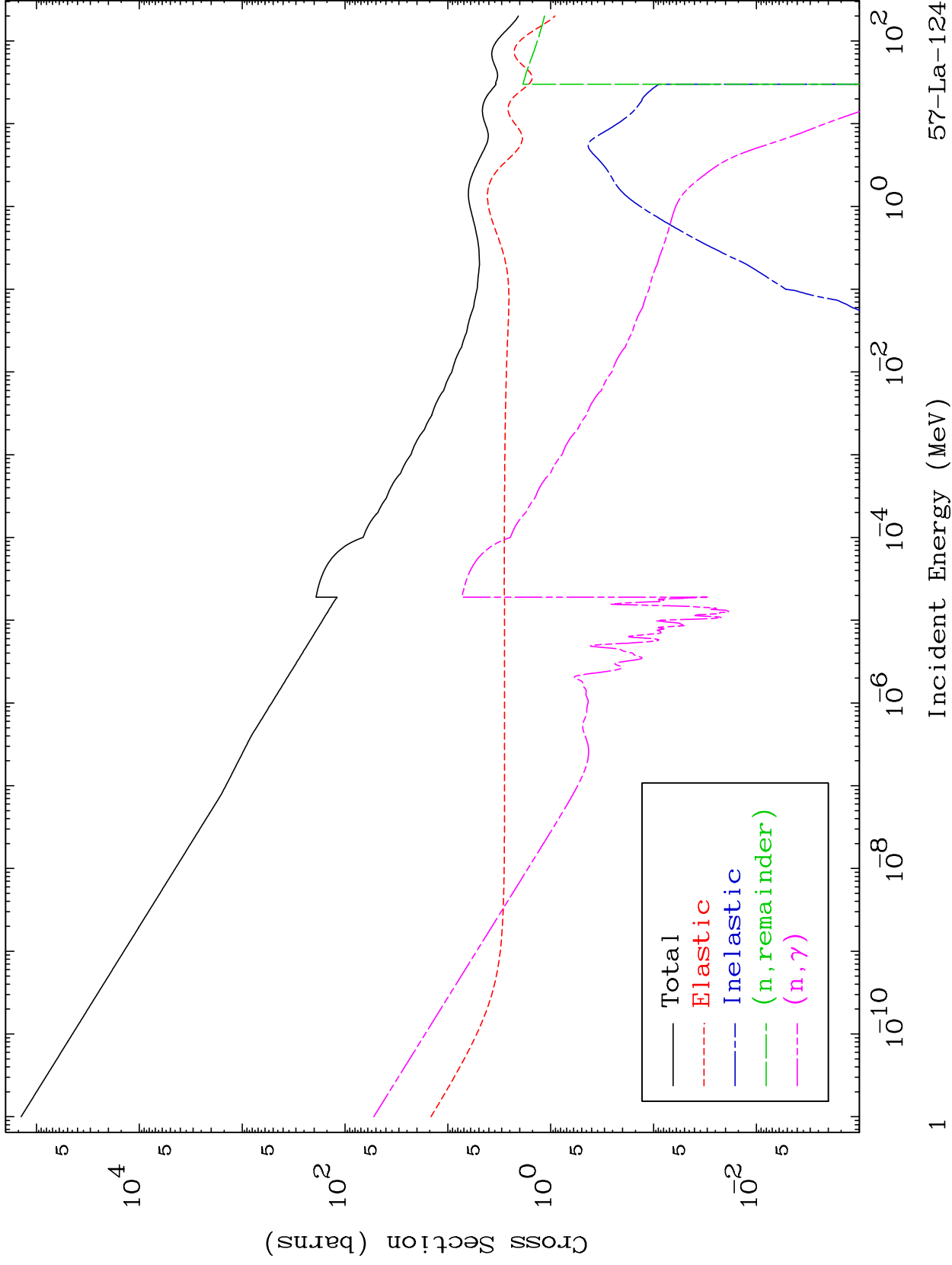
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5684

Major  
293 Kelvin Cross Sections

57-La-124



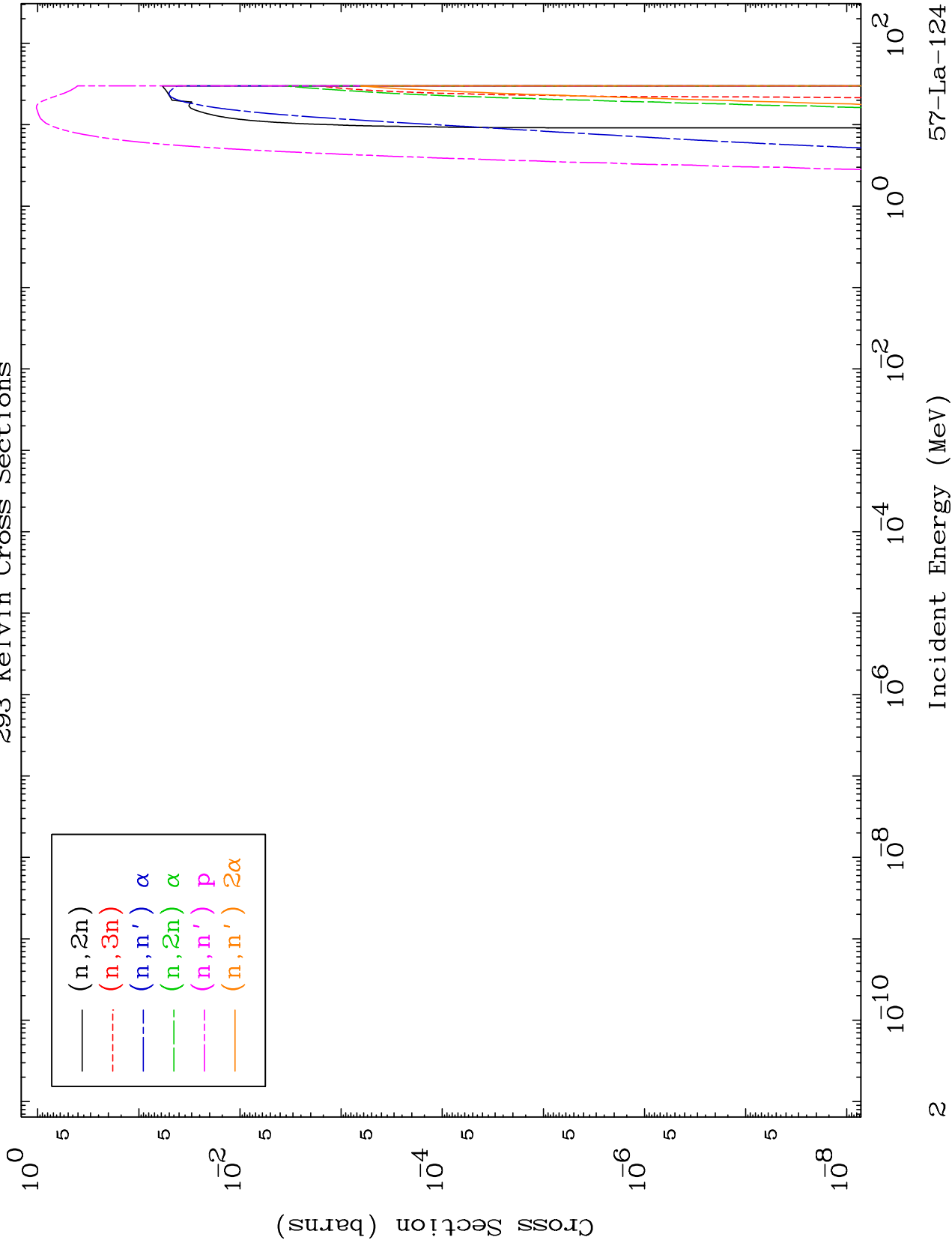
1

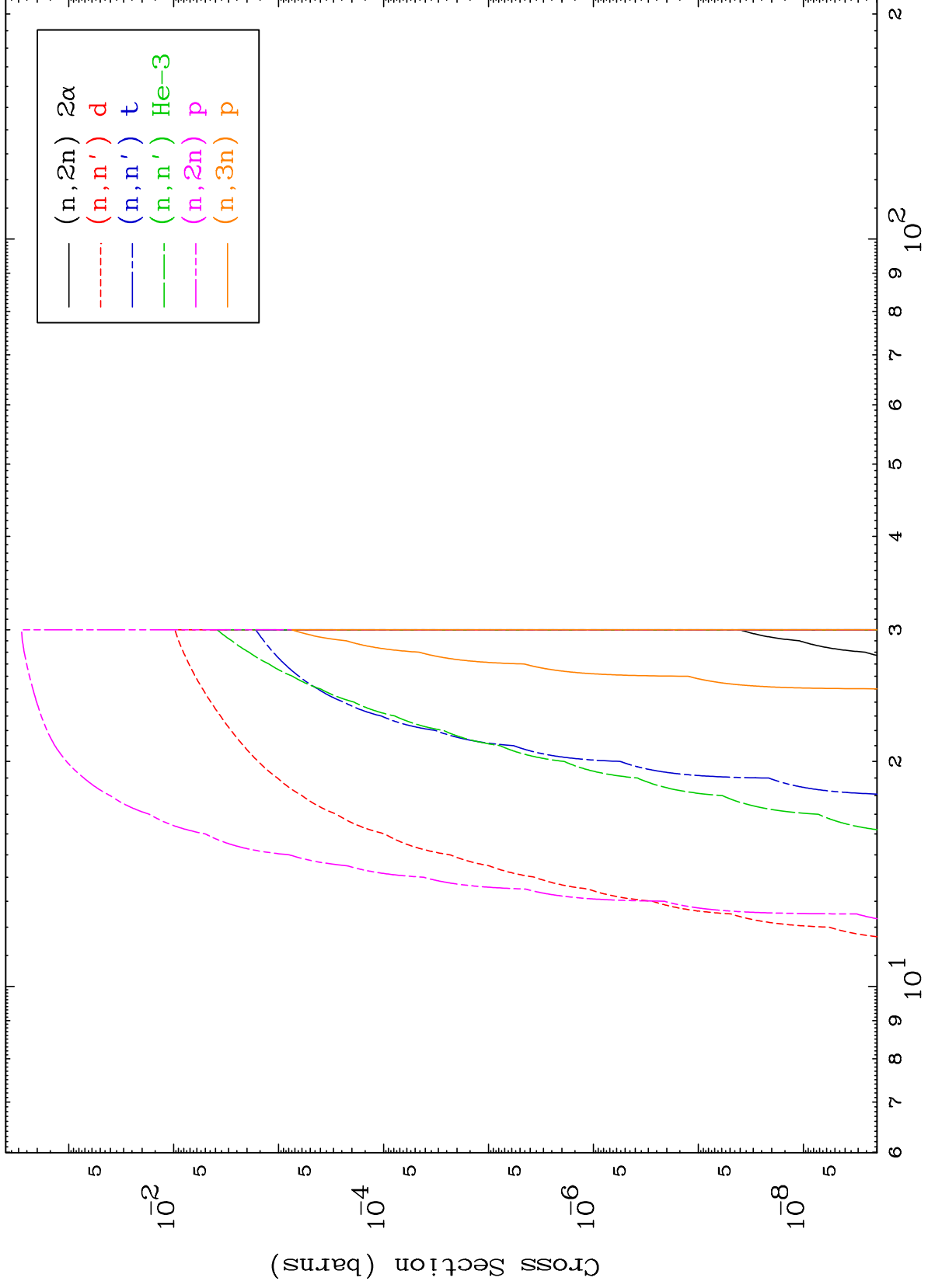
57-La-124

MAT 5684

Neutron Production  
293 Kelvin Cross Sections

57-La-124

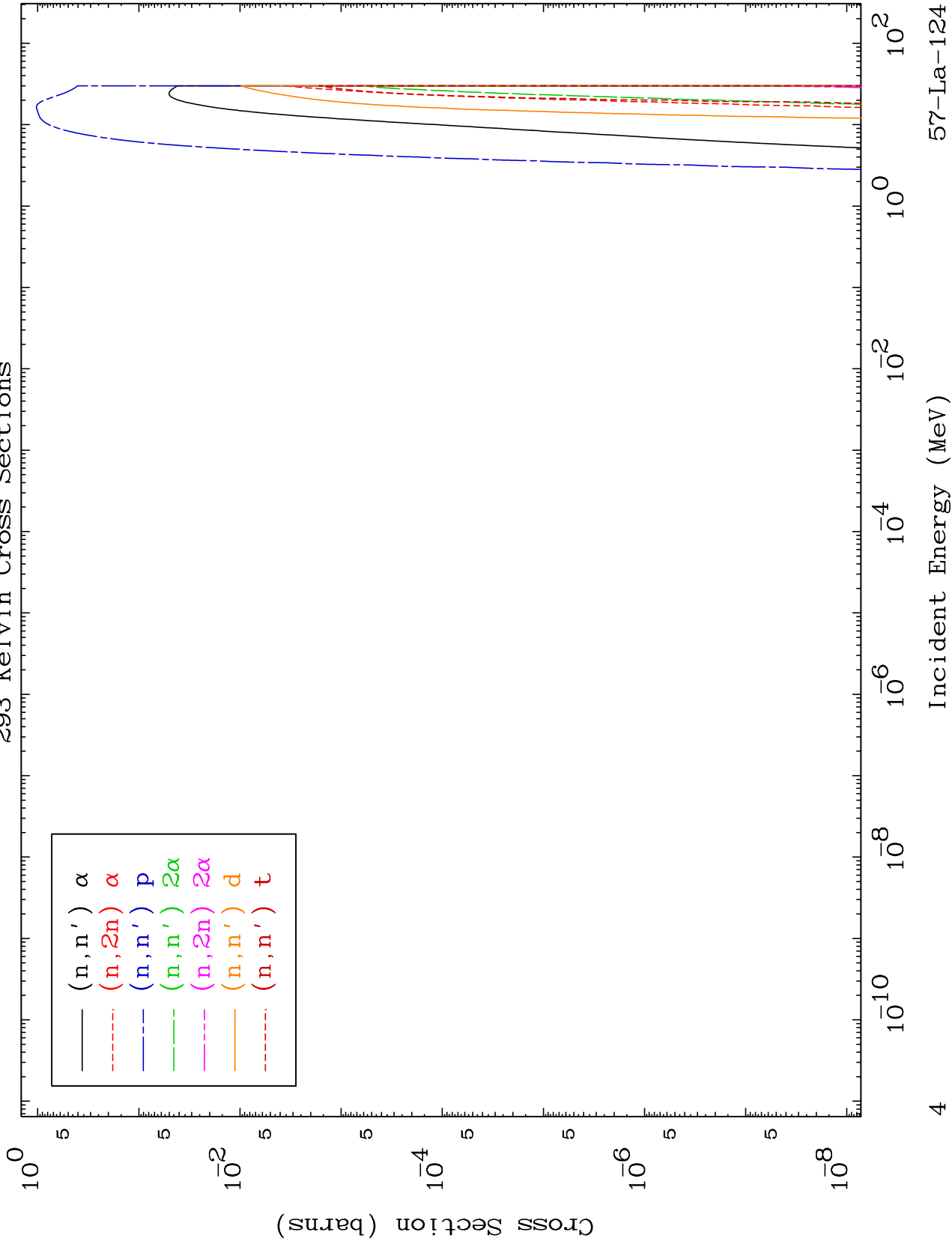




MAT 5684

Charged Particle  
293 Kelvin Cross Sections

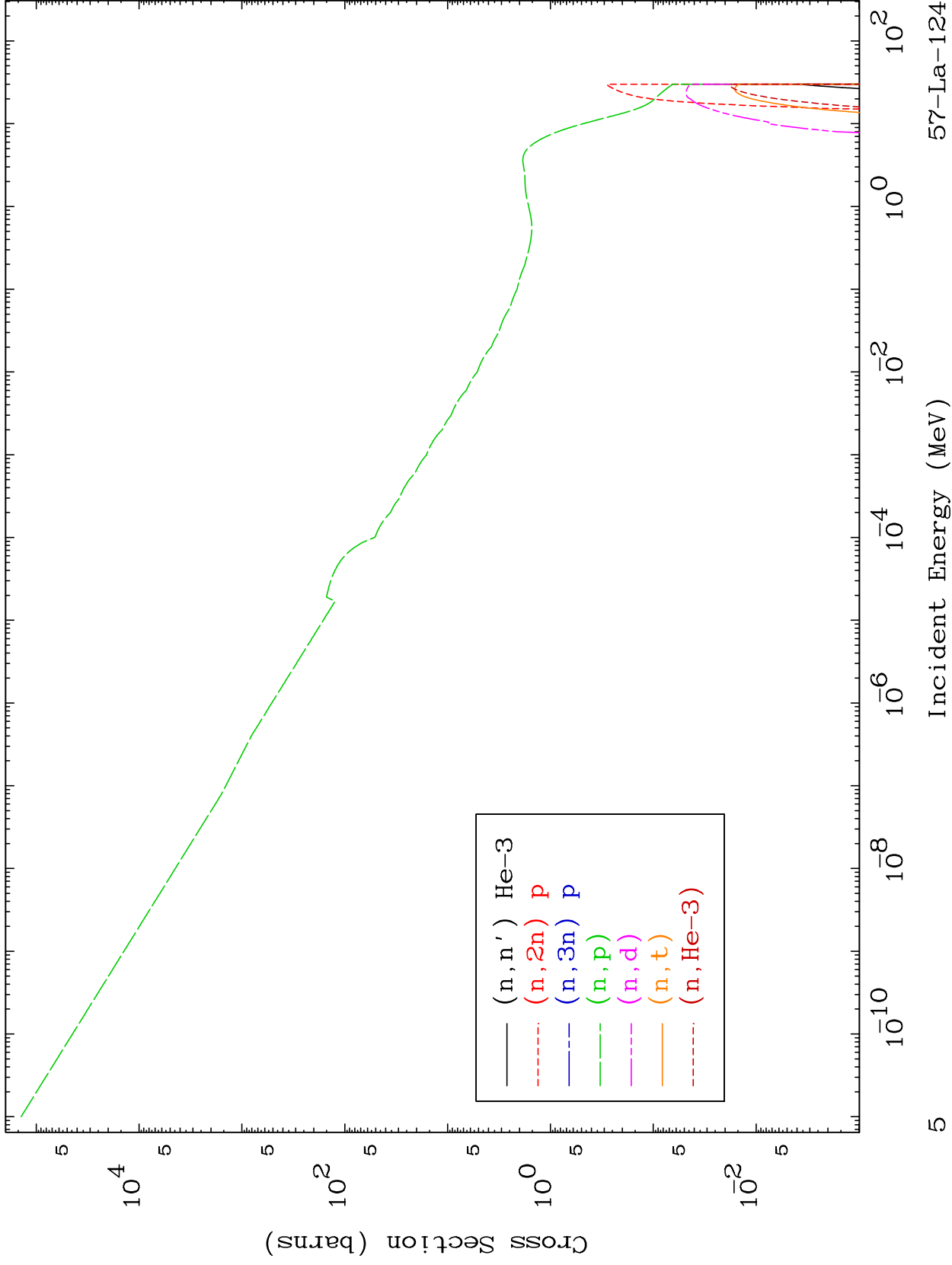
57-La-124



MAT 5684

Charged Particle  
293 Kelvin Cross Sections

57-La-124

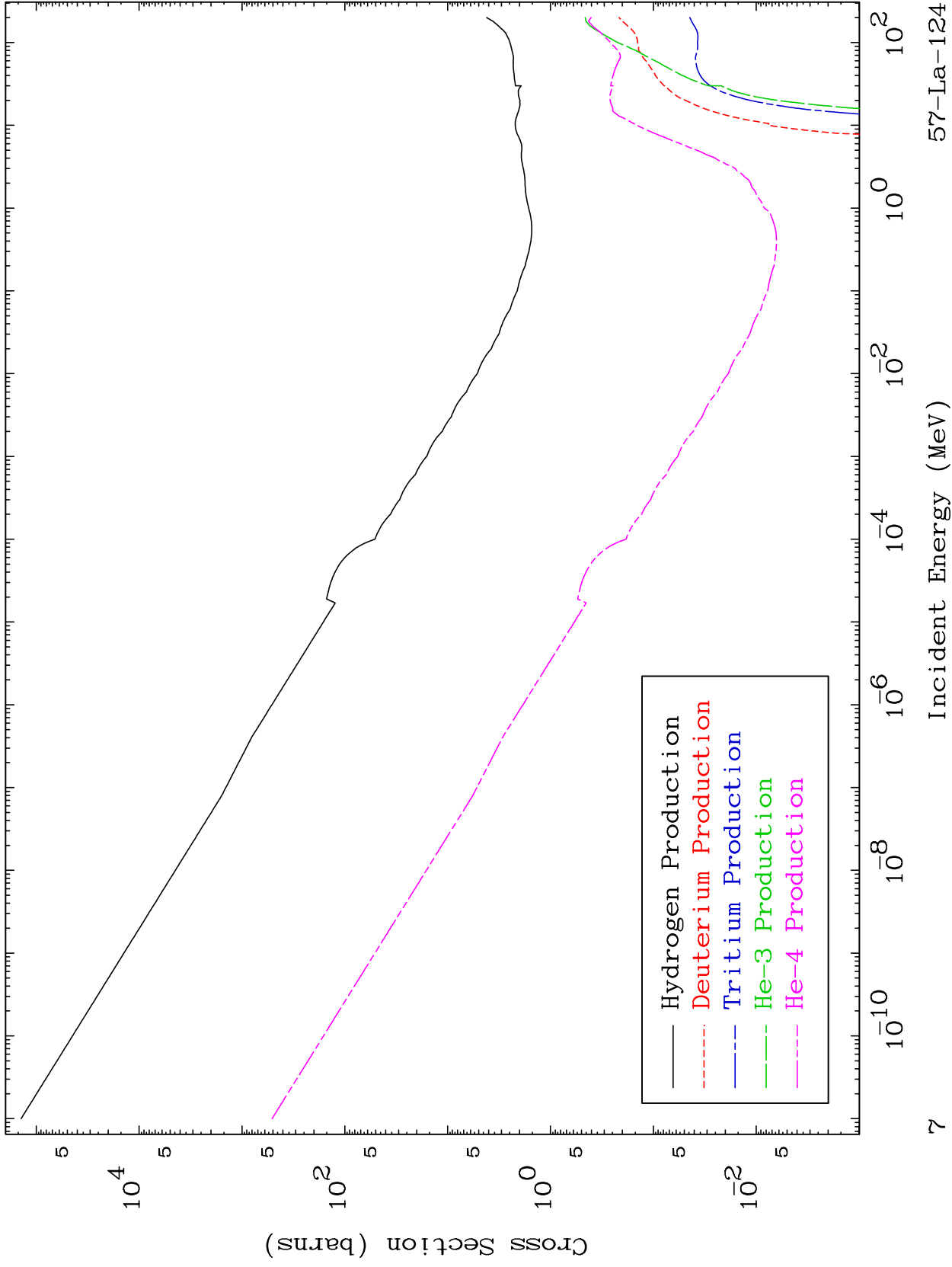




MAT 5684

Particle Production  
293 Kelvin Cross Sections

57-La-124



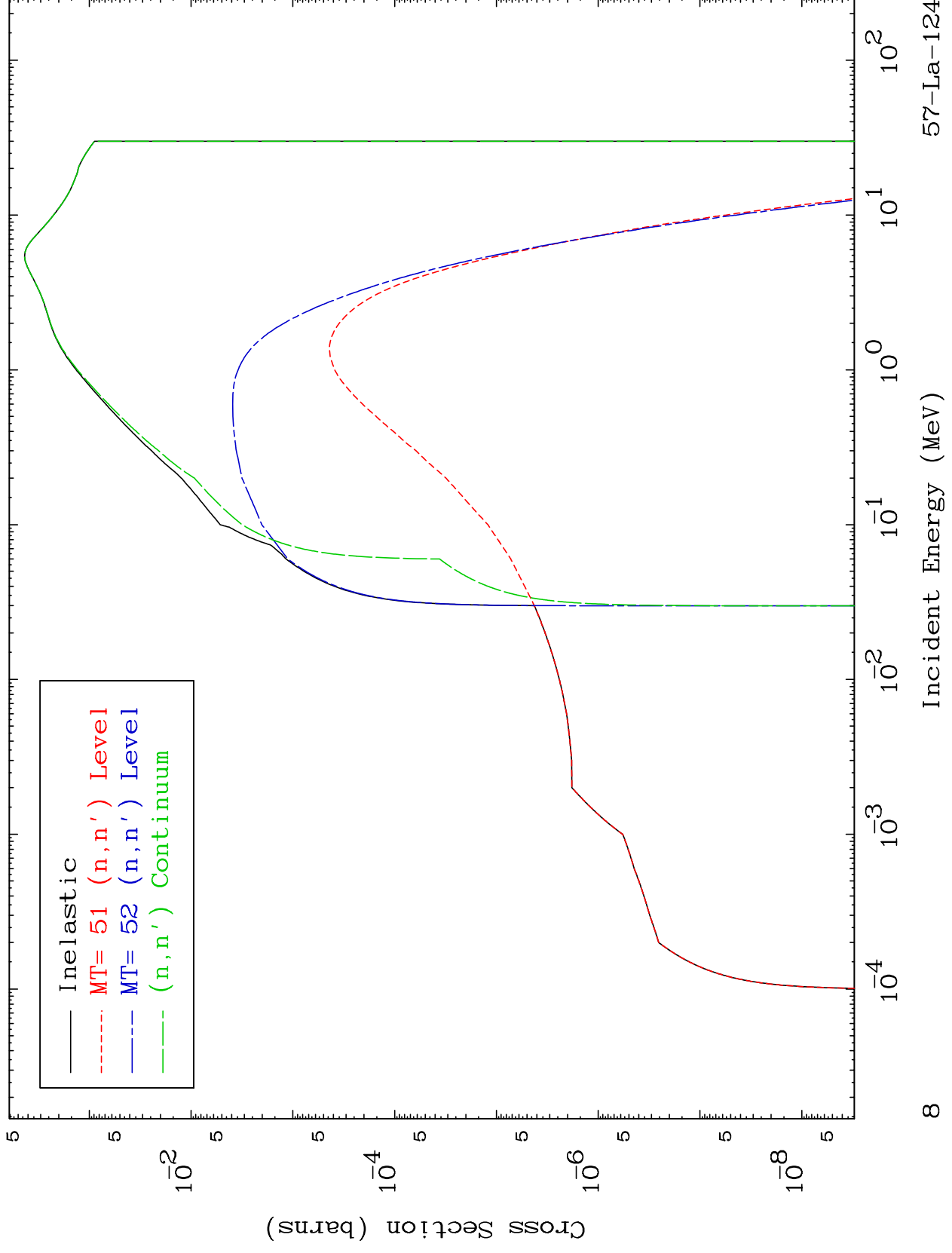


MAT 5684

(n,n') Level

57-La-124

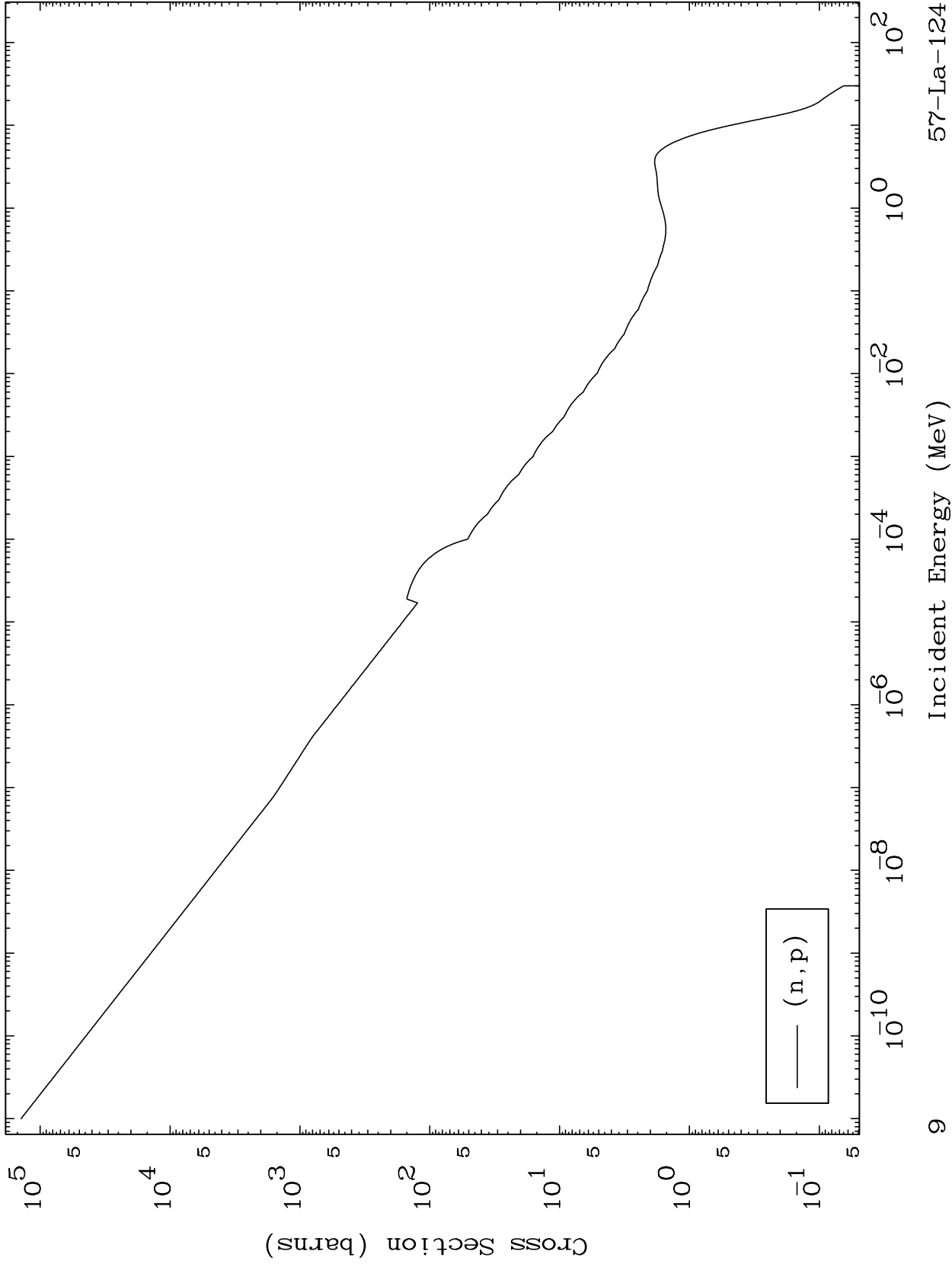
293 Kelvin Cross Sections



MAT 5684

(n,p) Levels  
293 Kelvin Cross Sections

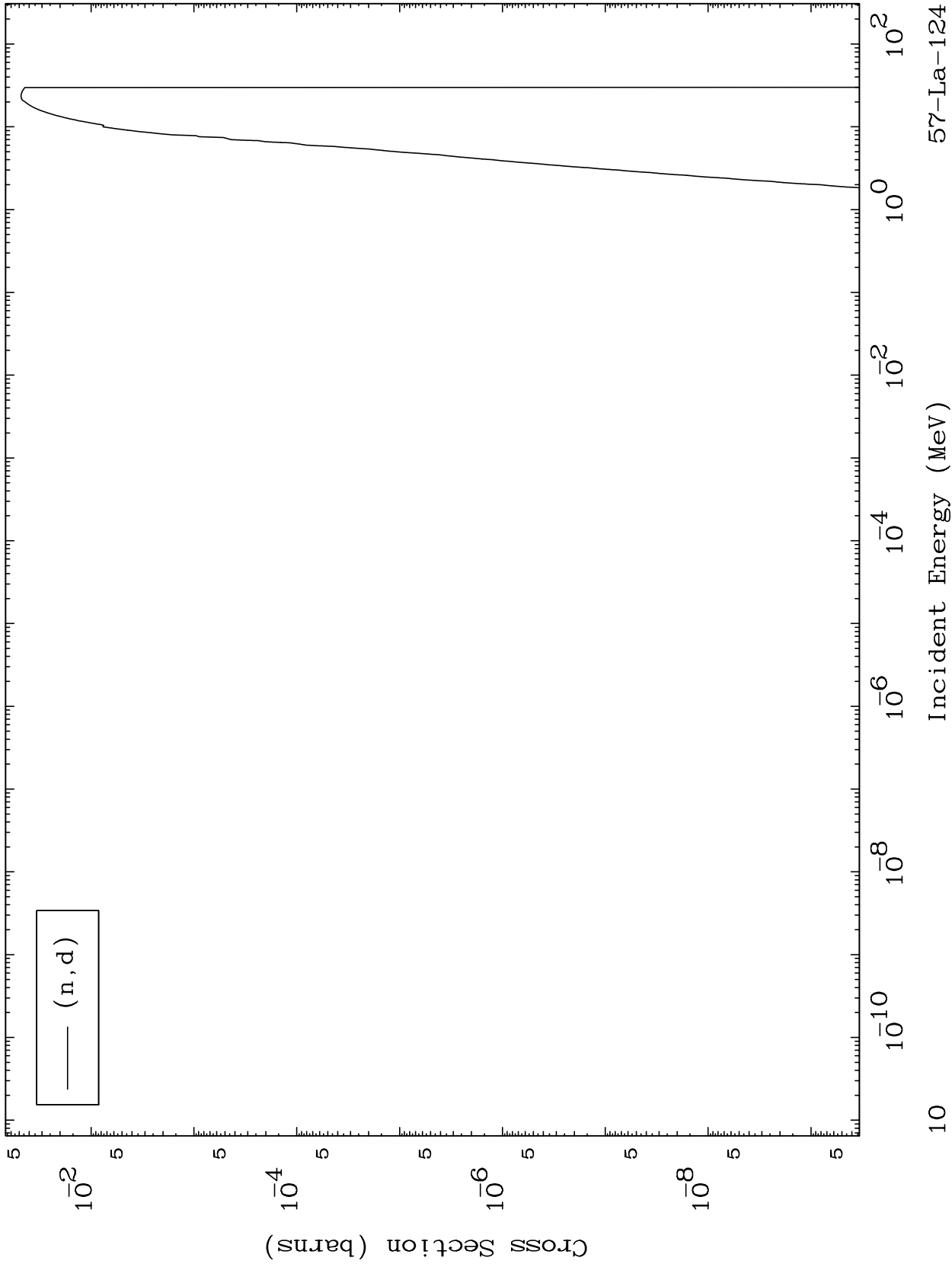
57-La-124



MAT 5684

(n,d) Levels  
293 Kelvin Cross Sections

57-La-124



57-La-124

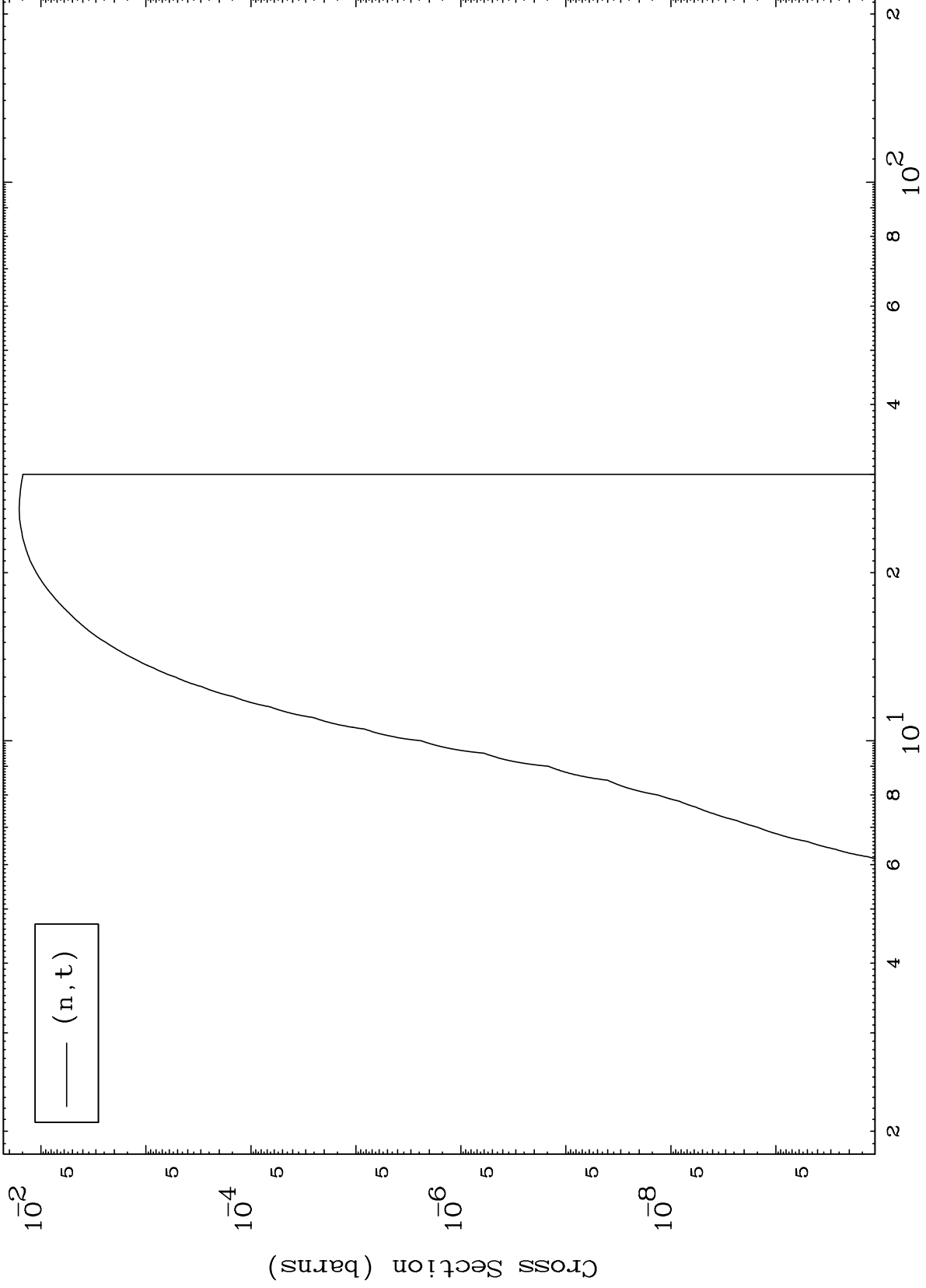
Incident Energy (MeV)

10

MAT 5684

(n,t) Levels  
293 Kelvin Cross Sections

57-La-124



11

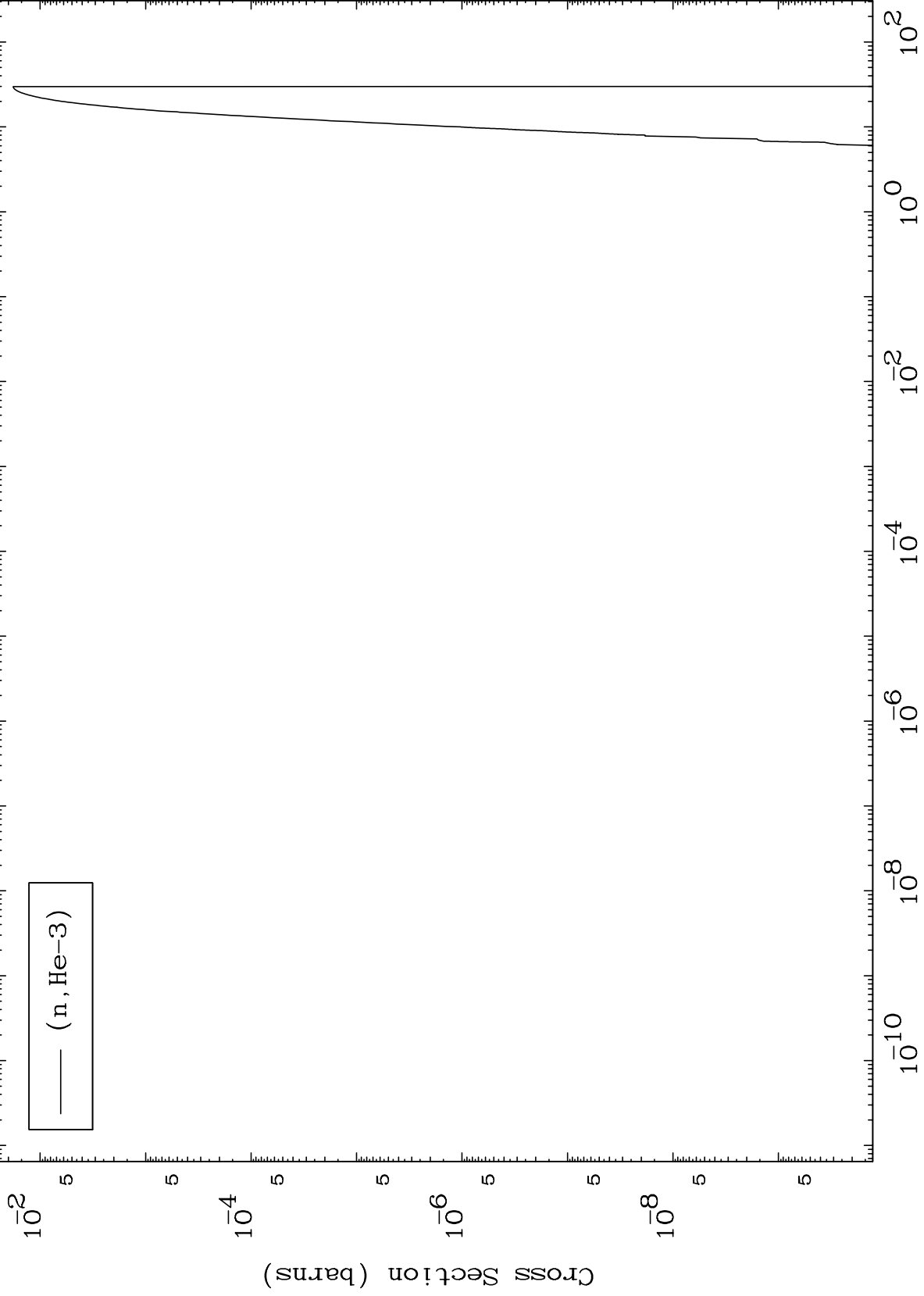
Incident Energy (MeV)

57-La-124

MAT 5684

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-124



12

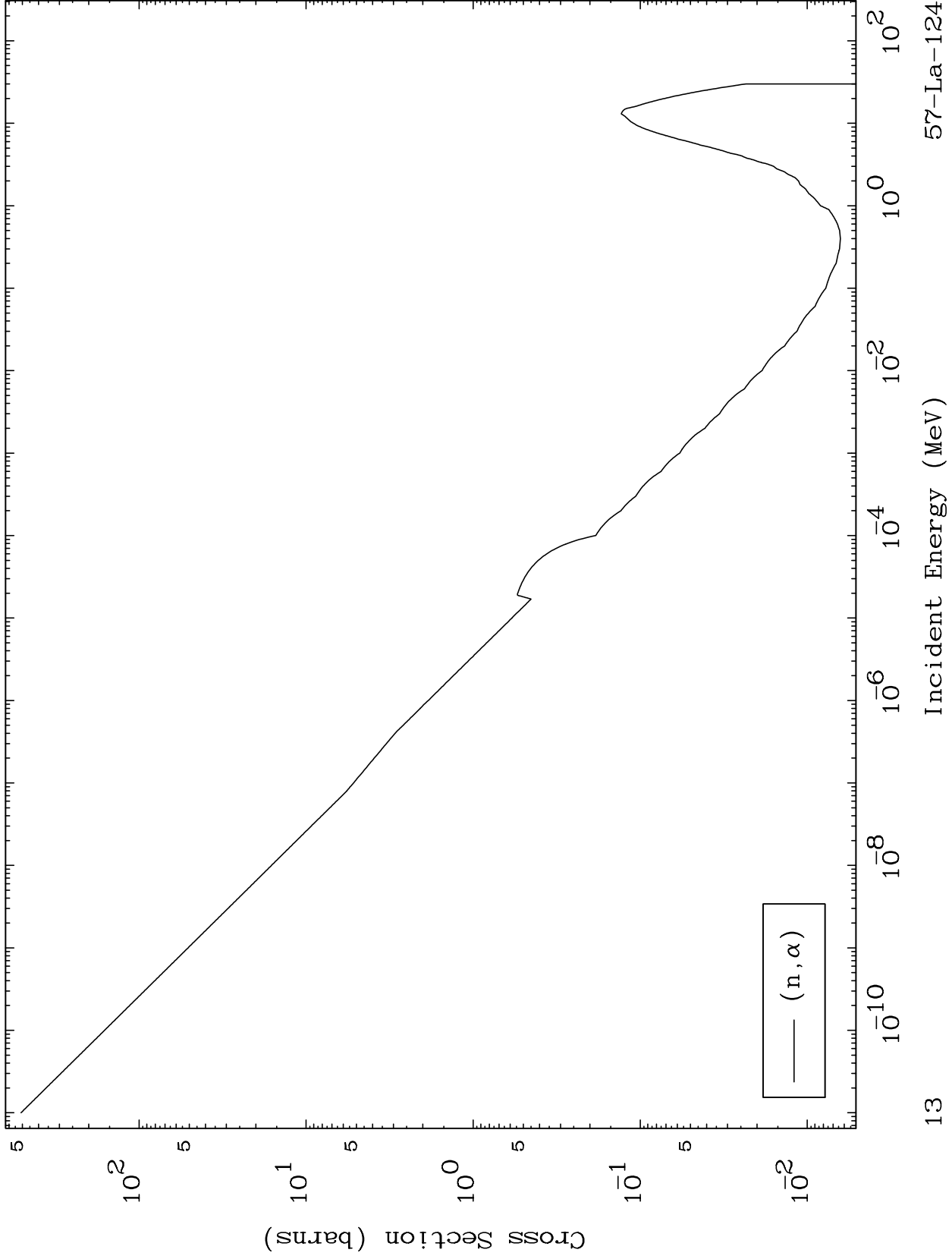
Incident Energy (MeV)

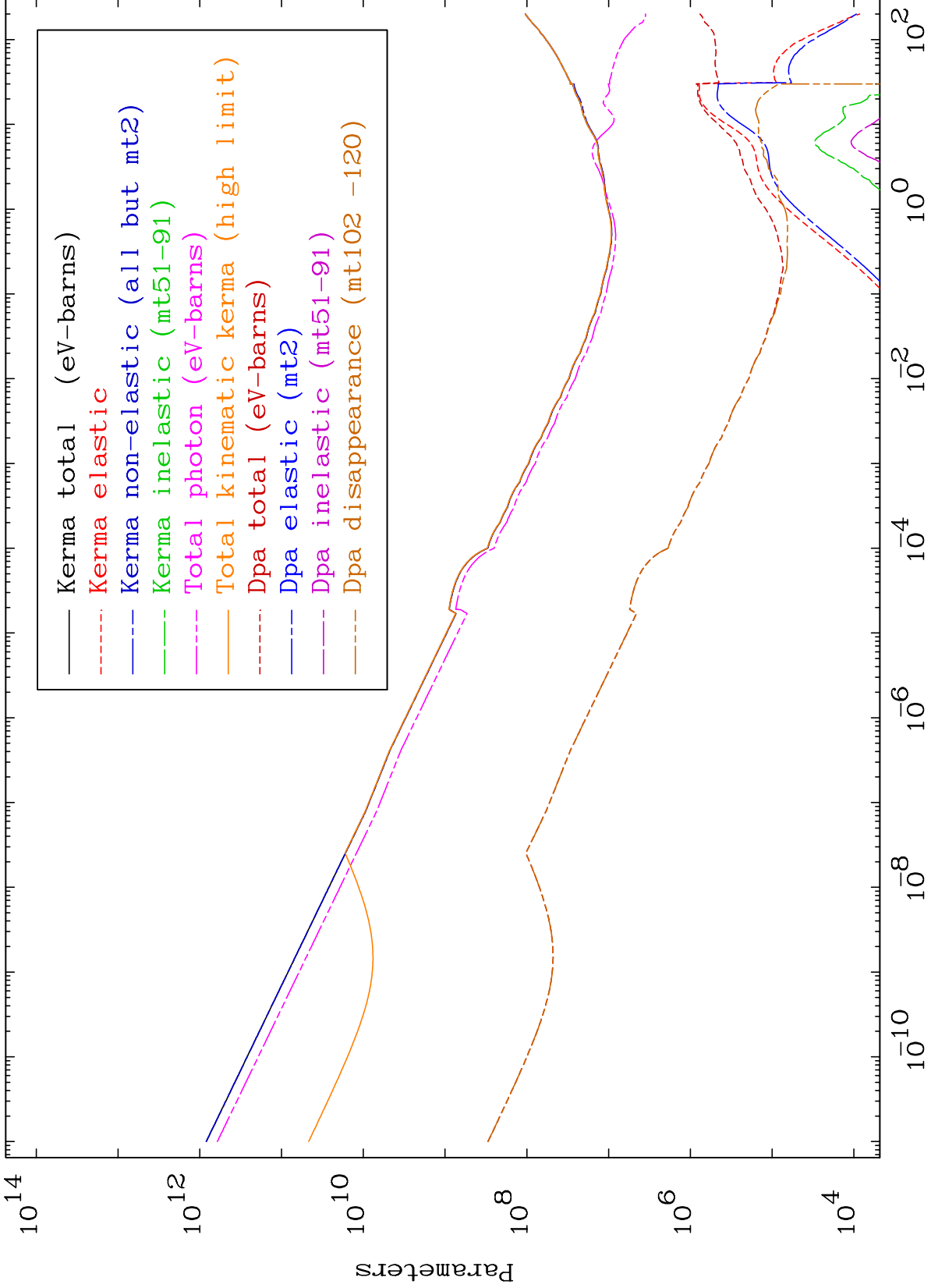
57-La-124

MAT 5684

(n,α) Levels  
293 Kelvin Cross Sections

57-La-124





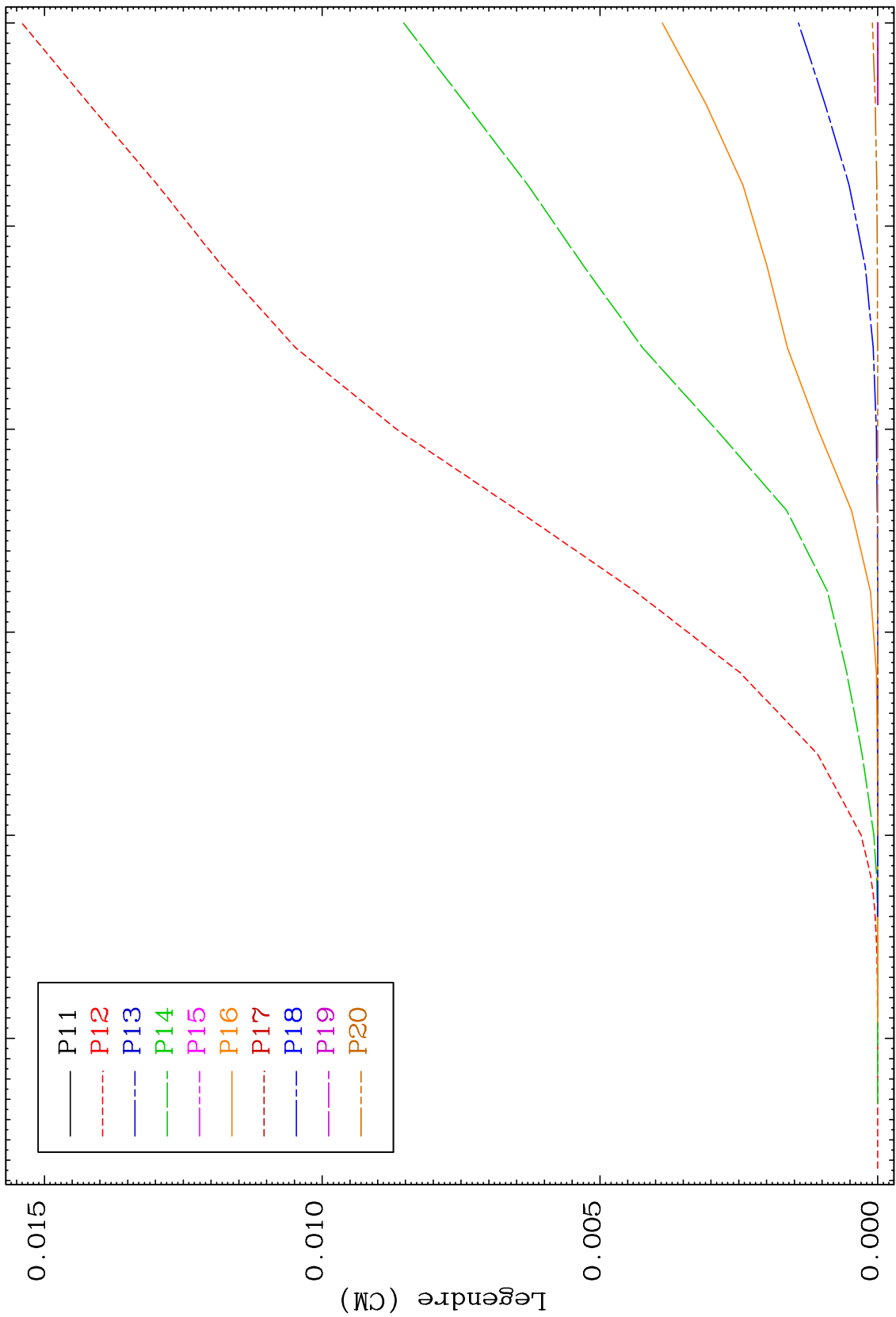




MAT 5684

Elastic Legendre Coefficients

57-La-124



16

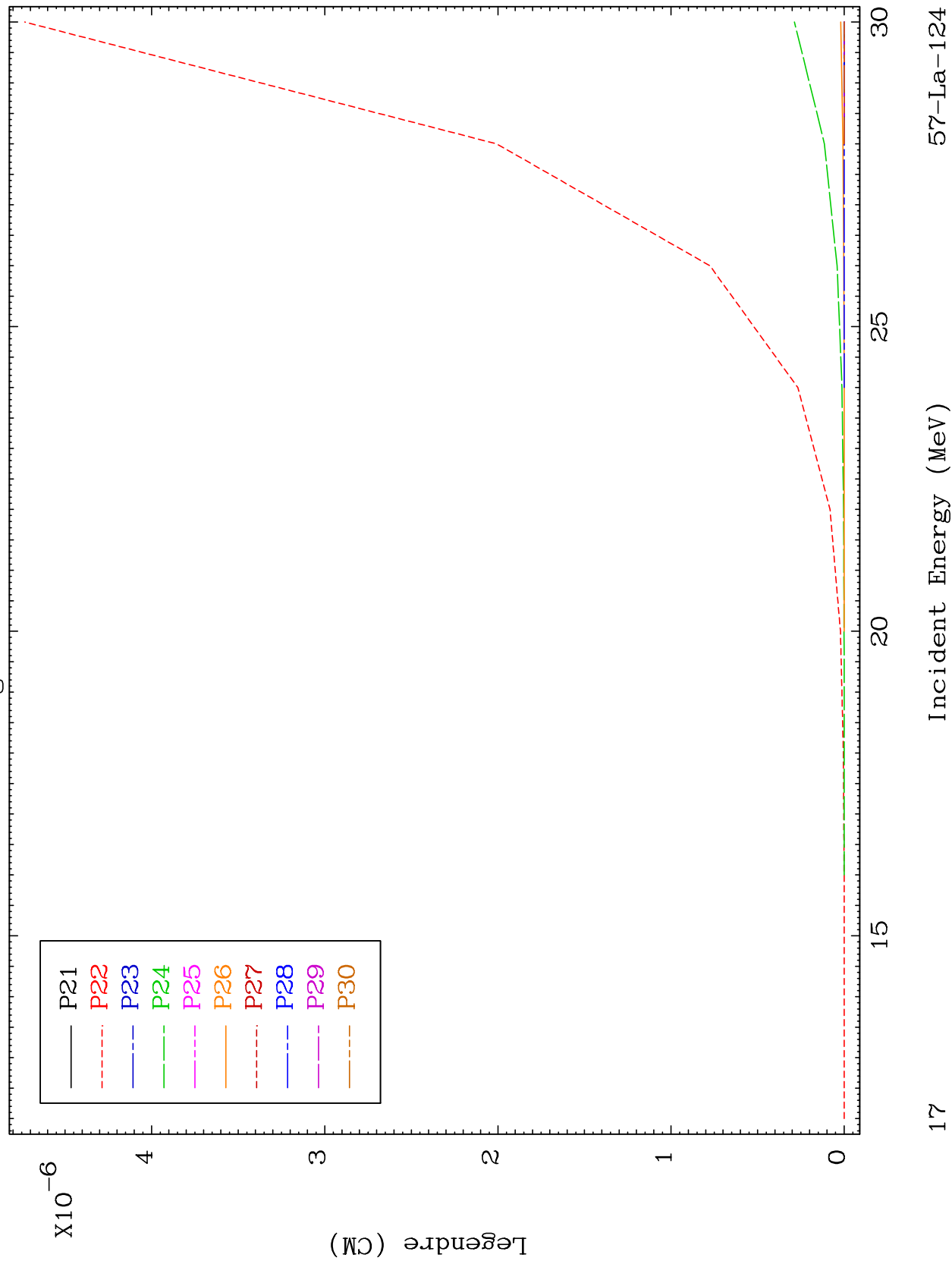
57-La-124

Incident Energy (MeV)

MAT 5684

Elastic  
Legendre Coefficients

57-La-124



17

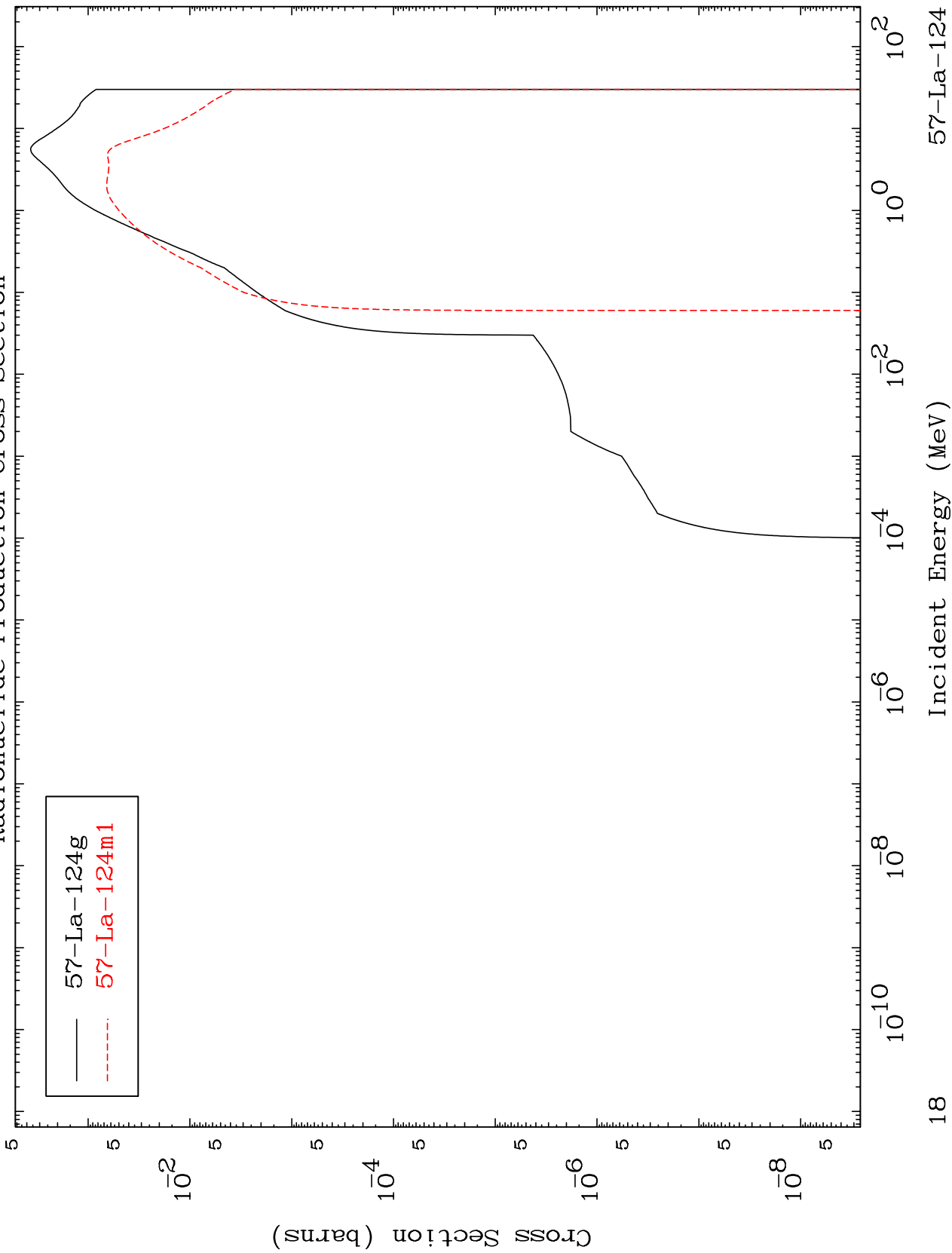
Incident Energy (MeV)

57-La-124

MAT 5684

Radionuclide Production Cross Section

57-La-124

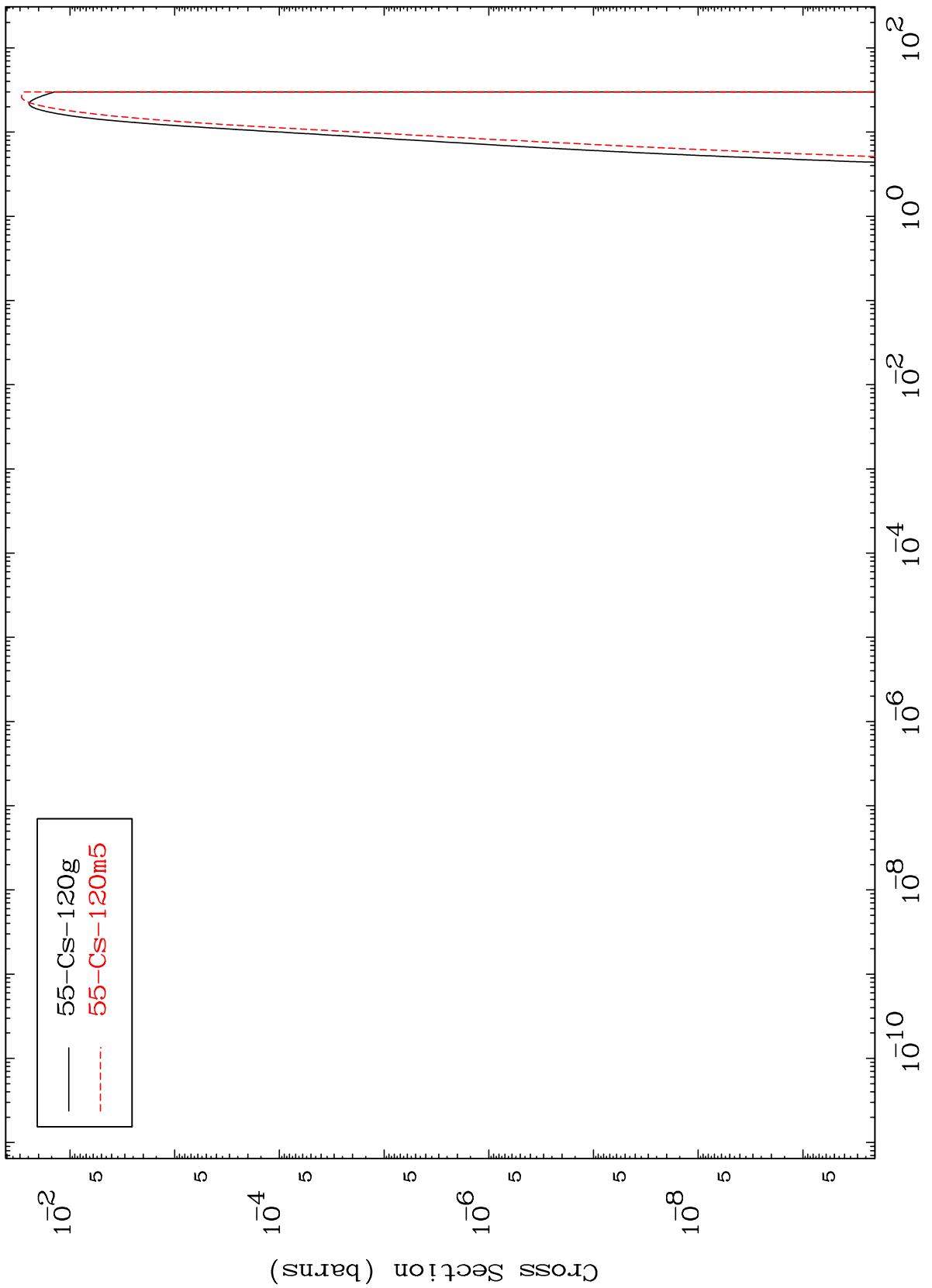


MAT 5684

(n,n')  $\alpha$

57-La-124

Radionuclide Production Cross Section

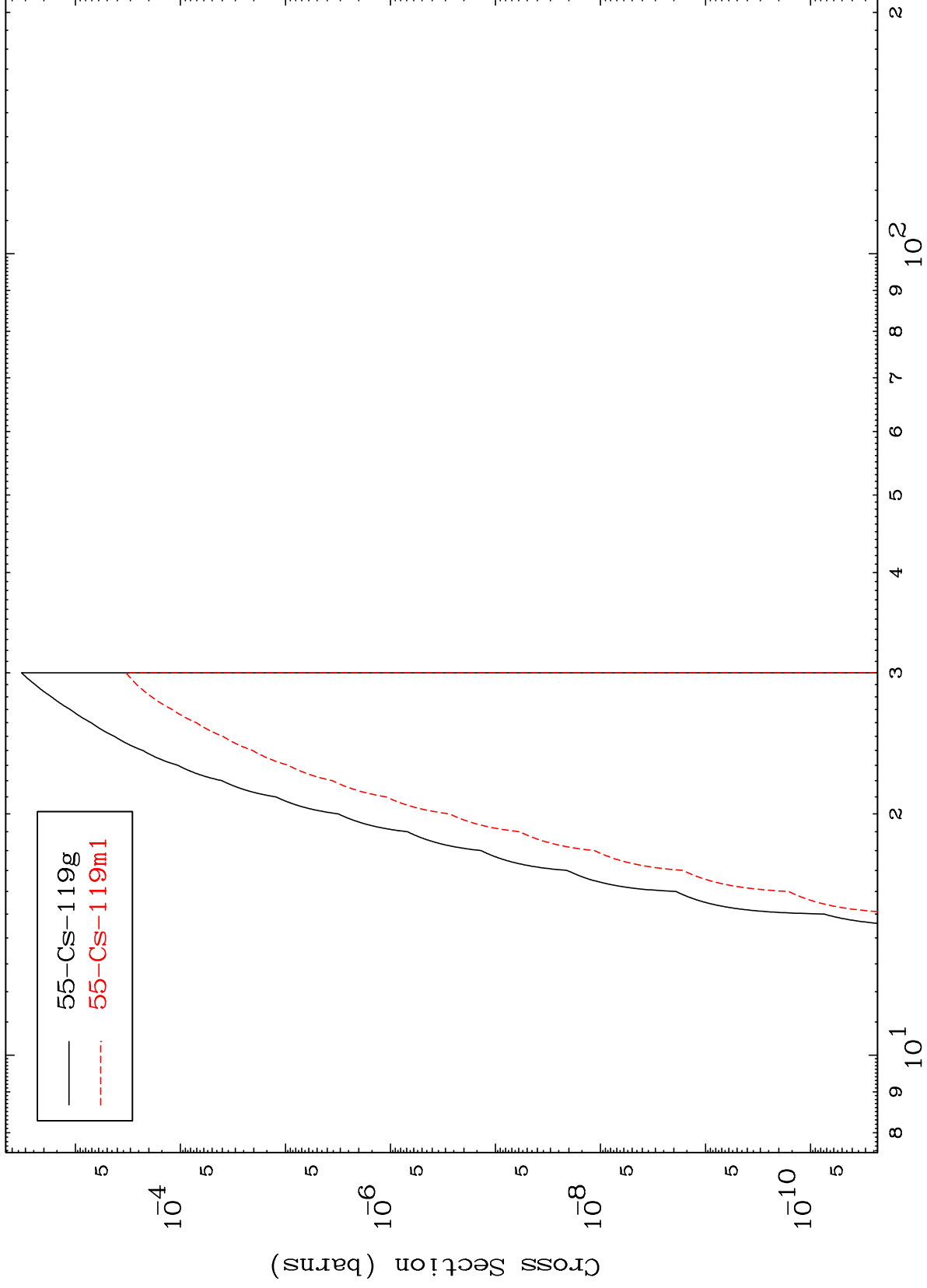


MAT 5684

$(n,2n) \alpha$

57-La-124

Radionuclide Production Cross Section



20

Incident Energy (MeV)

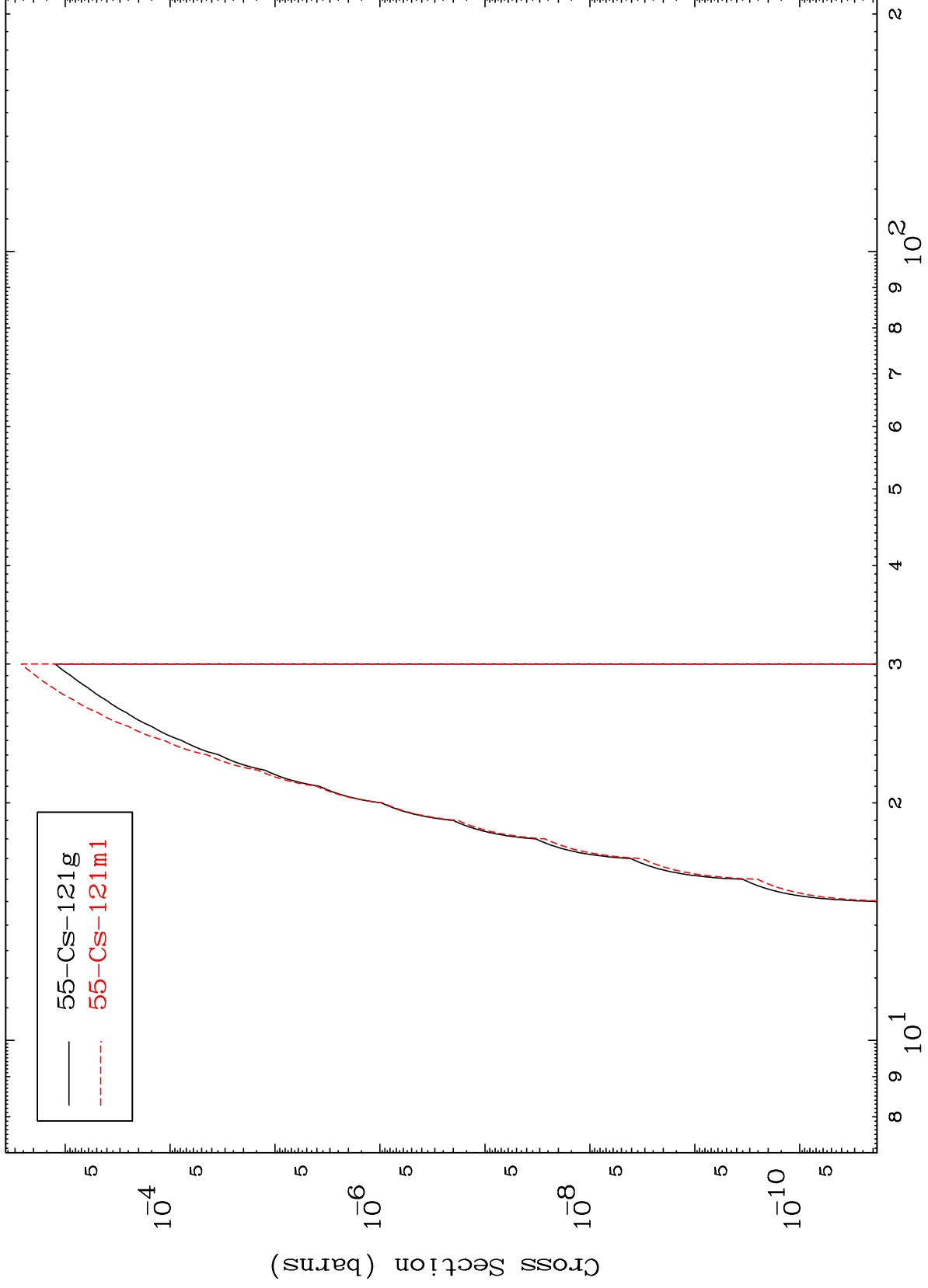
57-La-124

MAT 5684

(n,n') He-3

57-La-124

Radionuclide Production Cross Section



21

Incident Energy (MeV)

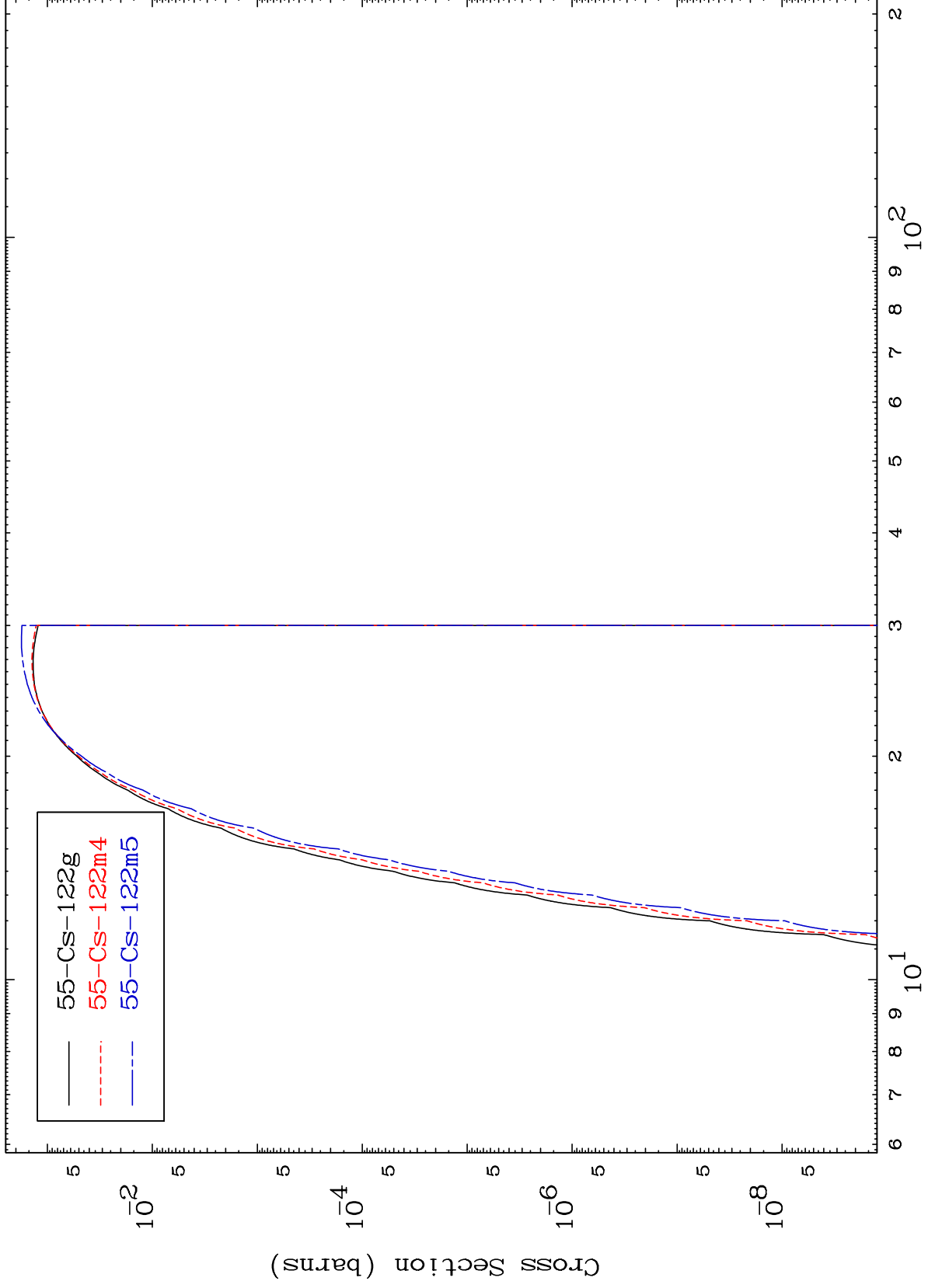
57-La-124

MAT 5684

$(n,2n)$  p

57-La-124

Radionuclide Production Cross Section



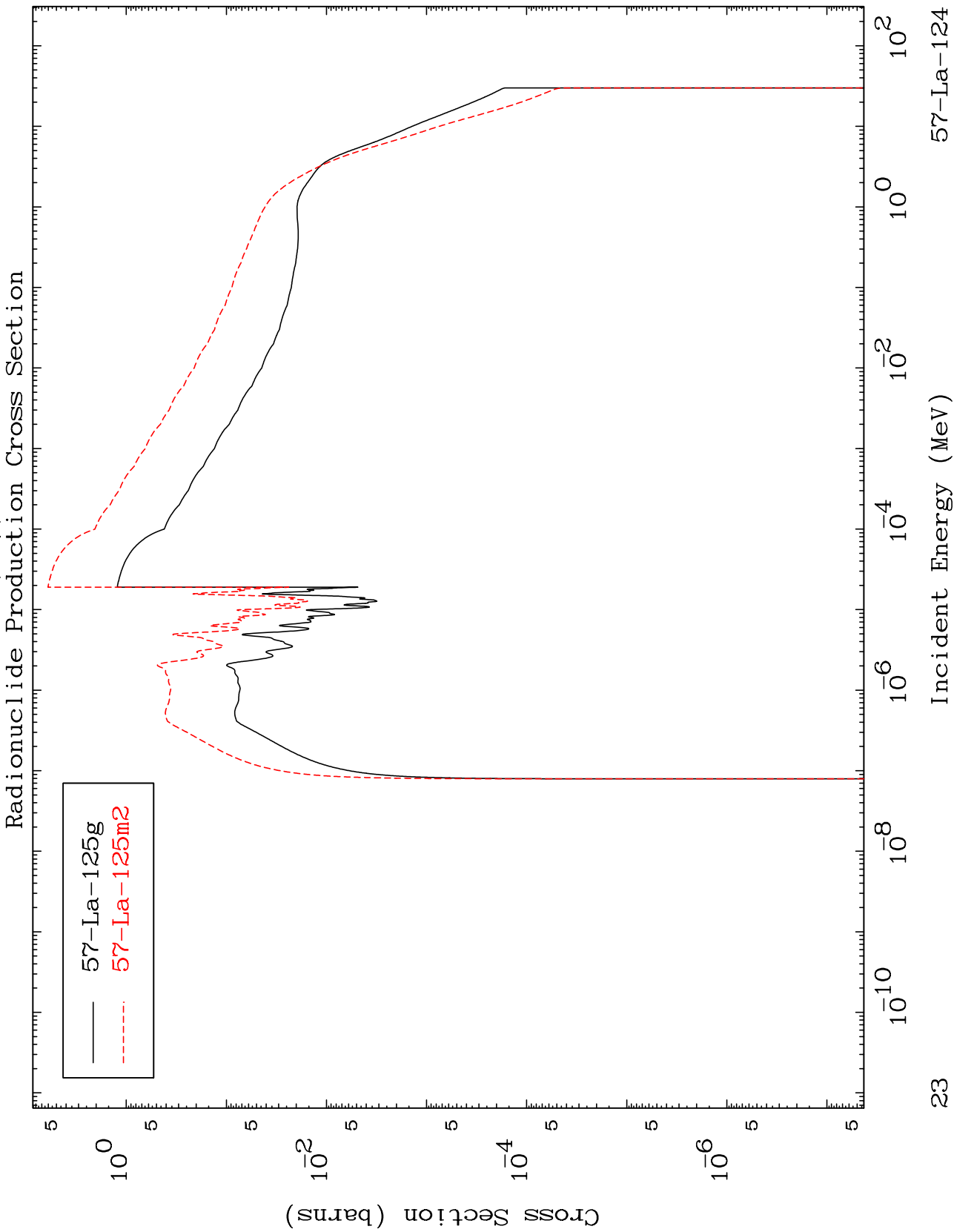
22

Incident Energy (MeV)

57-La-124

MAT 5684

57-La-124



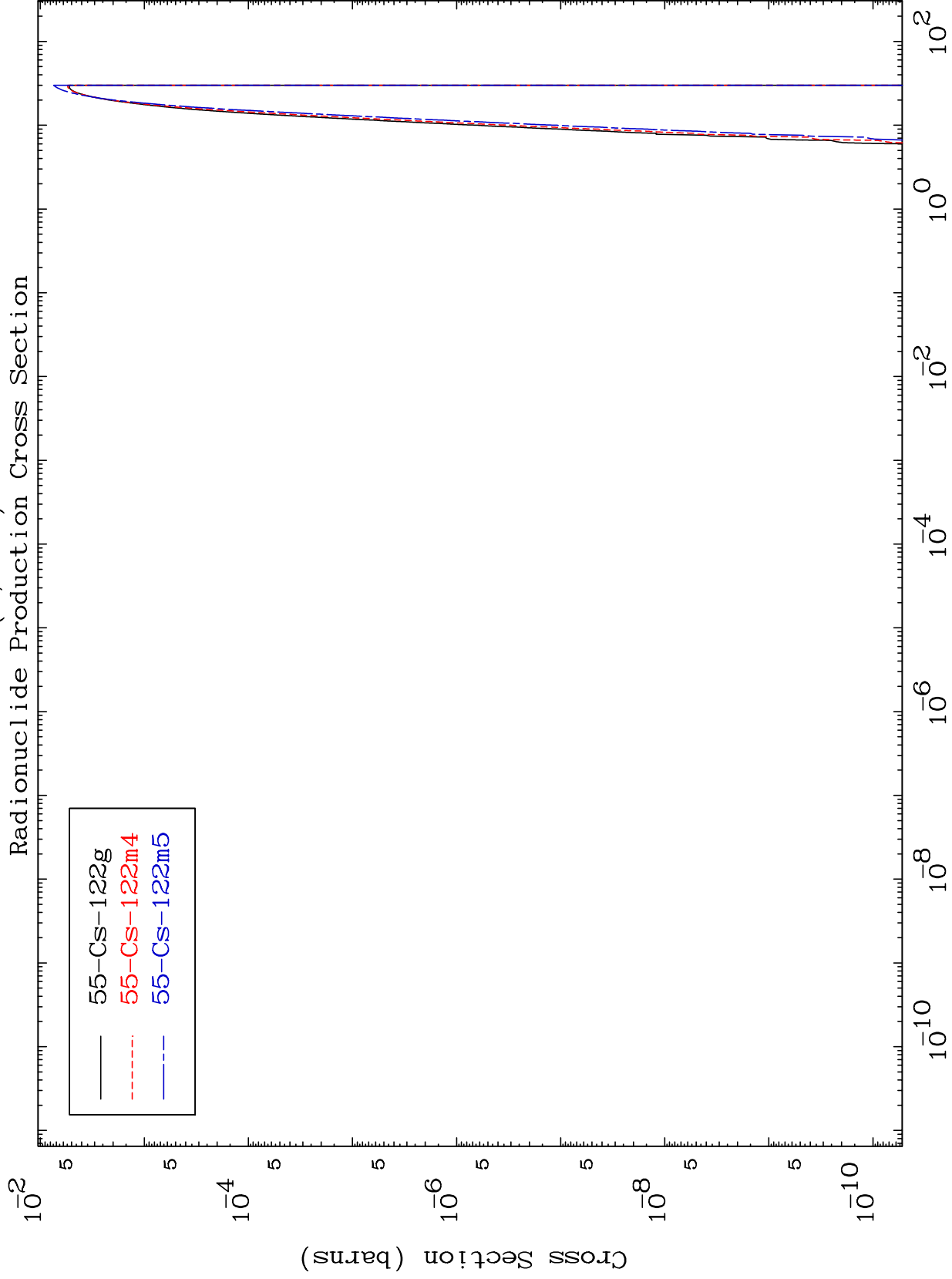


MAT 5684

(n,He-3)

57-La-124

Radionuclide Production Cross Section



24

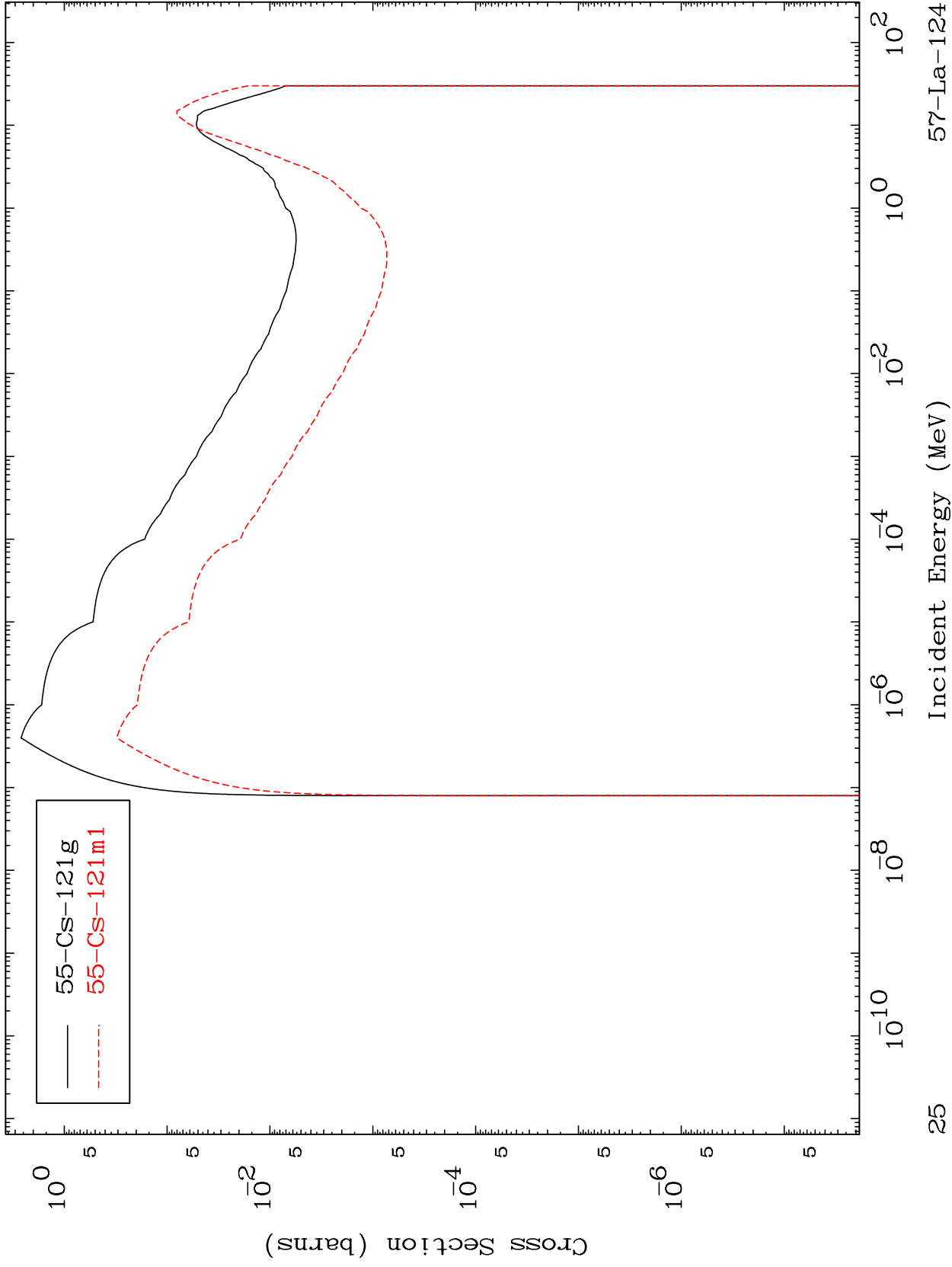
Incident Energy (MeV)

57-La-124

MAT 5684

57-La-124

(n,  $\alpha$ )  
Radionuclide Production Cross Section



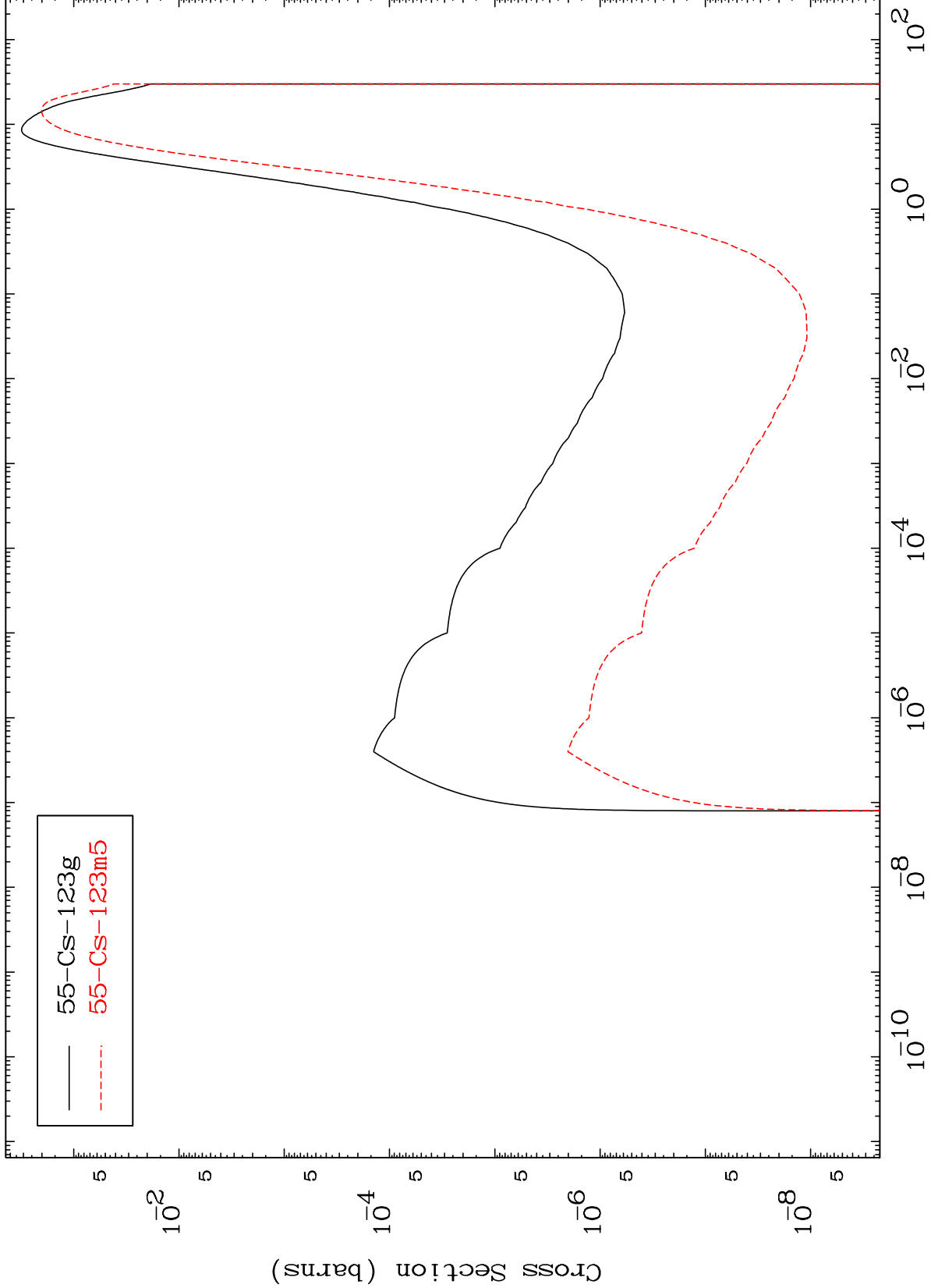
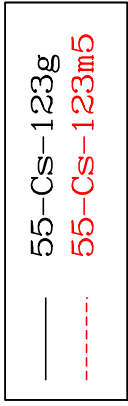
25

MAT 5684

(n,2p)

57-La-124

Radionuclide Production Cross Section

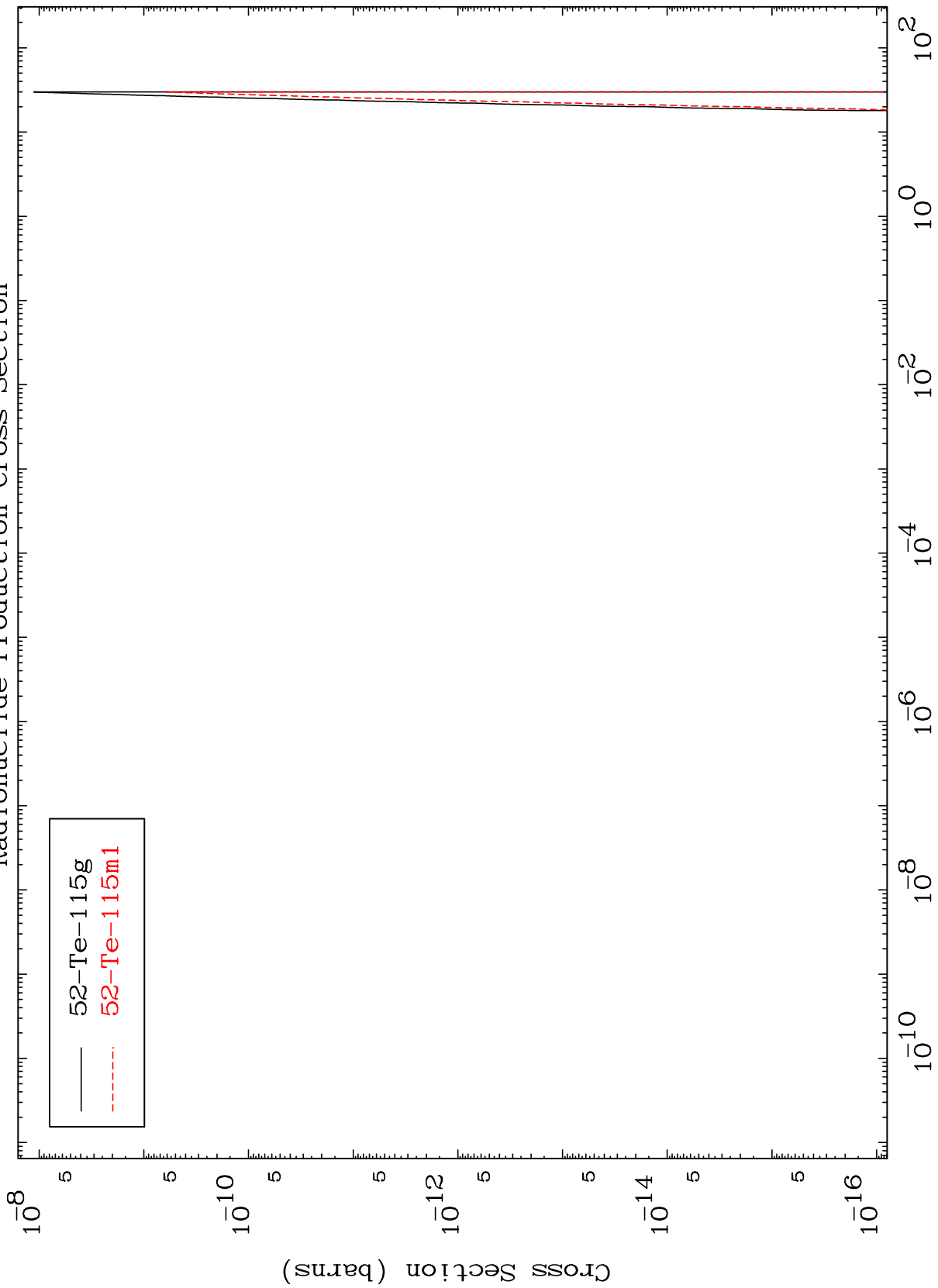


MAT 5684

(n,d)  $2\alpha$

57-La-124

Radionuclide Production Cross Section

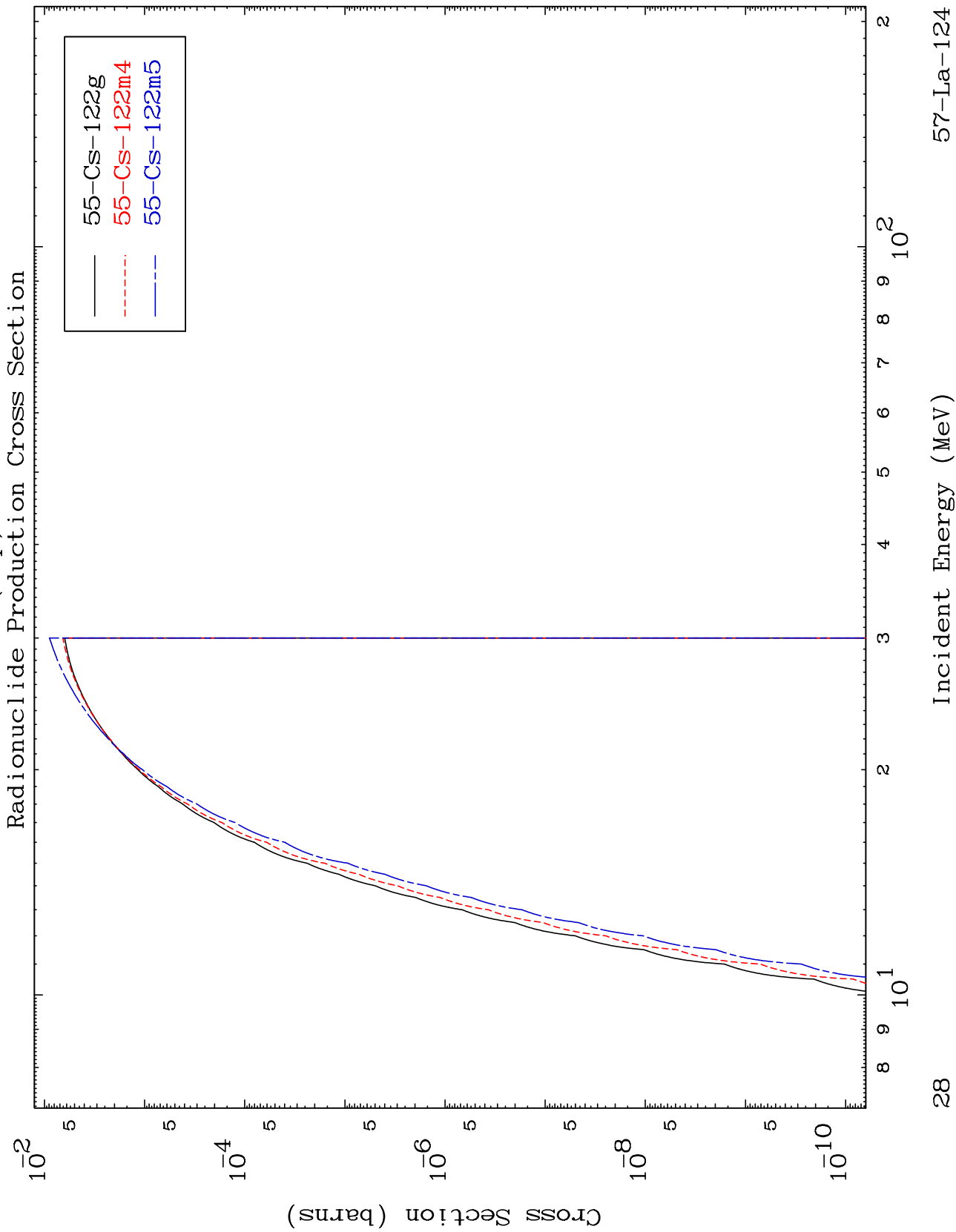


52-Te-115g  
52-Te-115m1

MAT 5684

(n,p) d

57-La-124



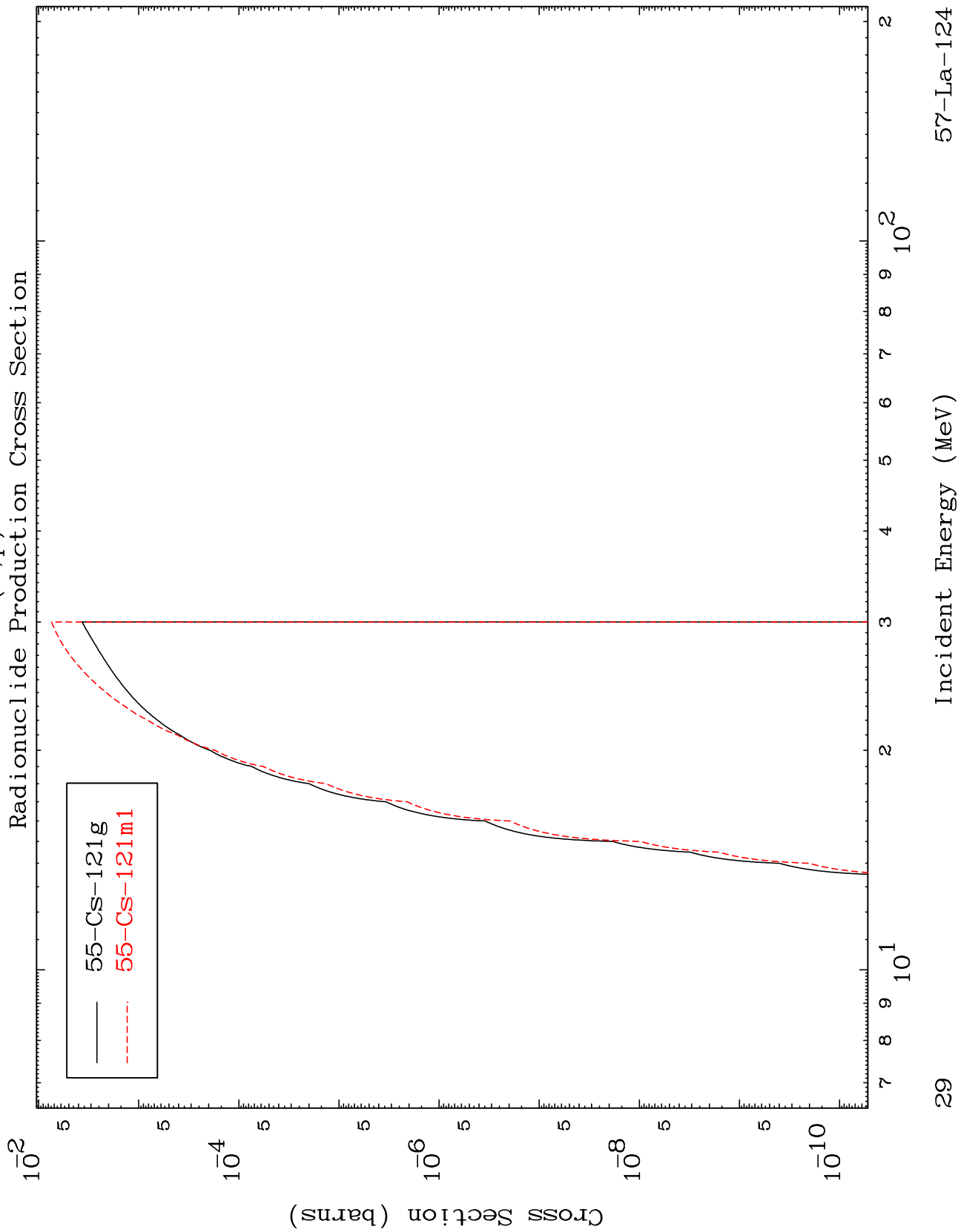
28

57-La-124

MAT 5684

(n,p) t

57-La-124



29

57-La-124