

Program EVALPLOT  
(Version 2021-1)

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

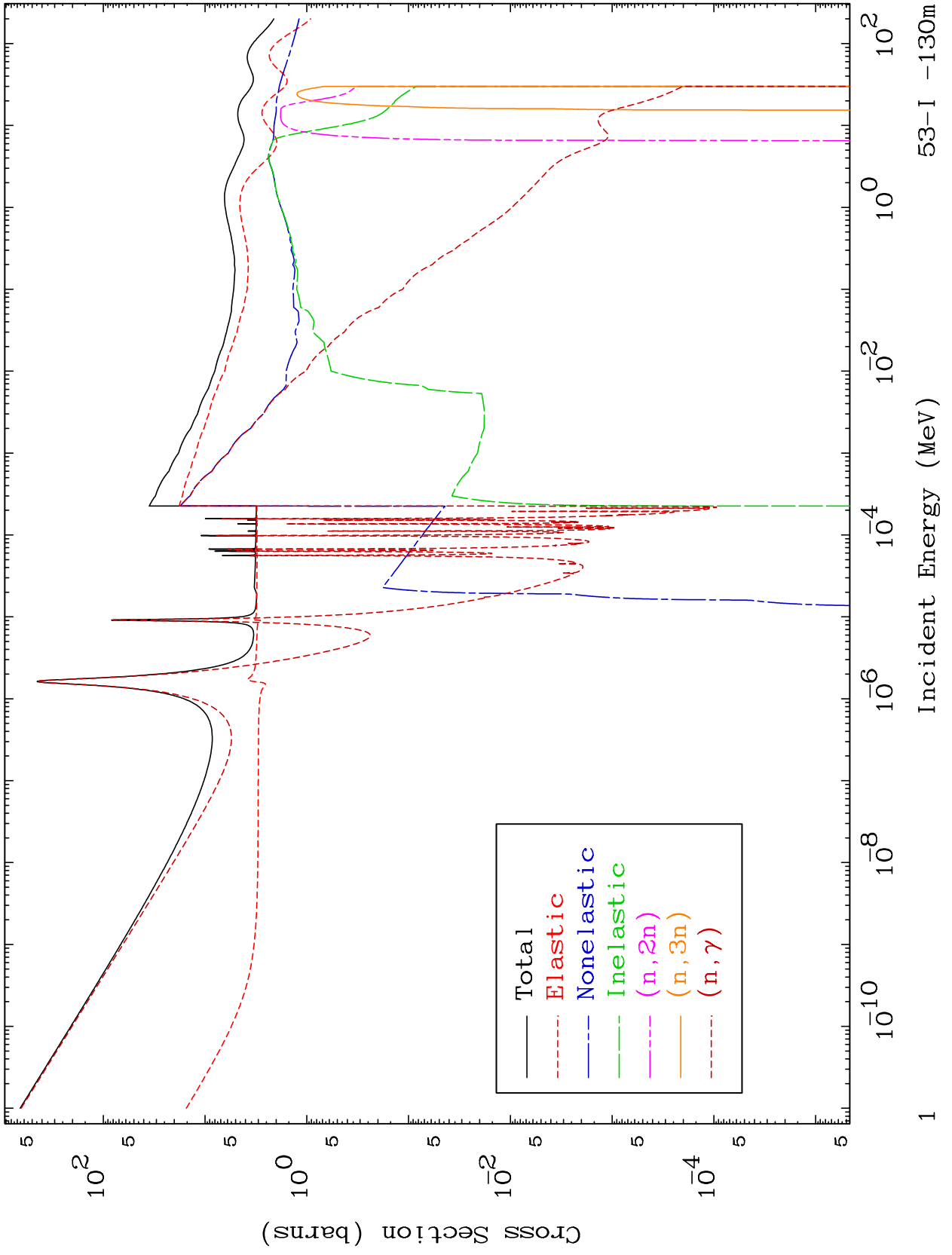
Web:redcullen1.net/HOMEPAGE.NEW

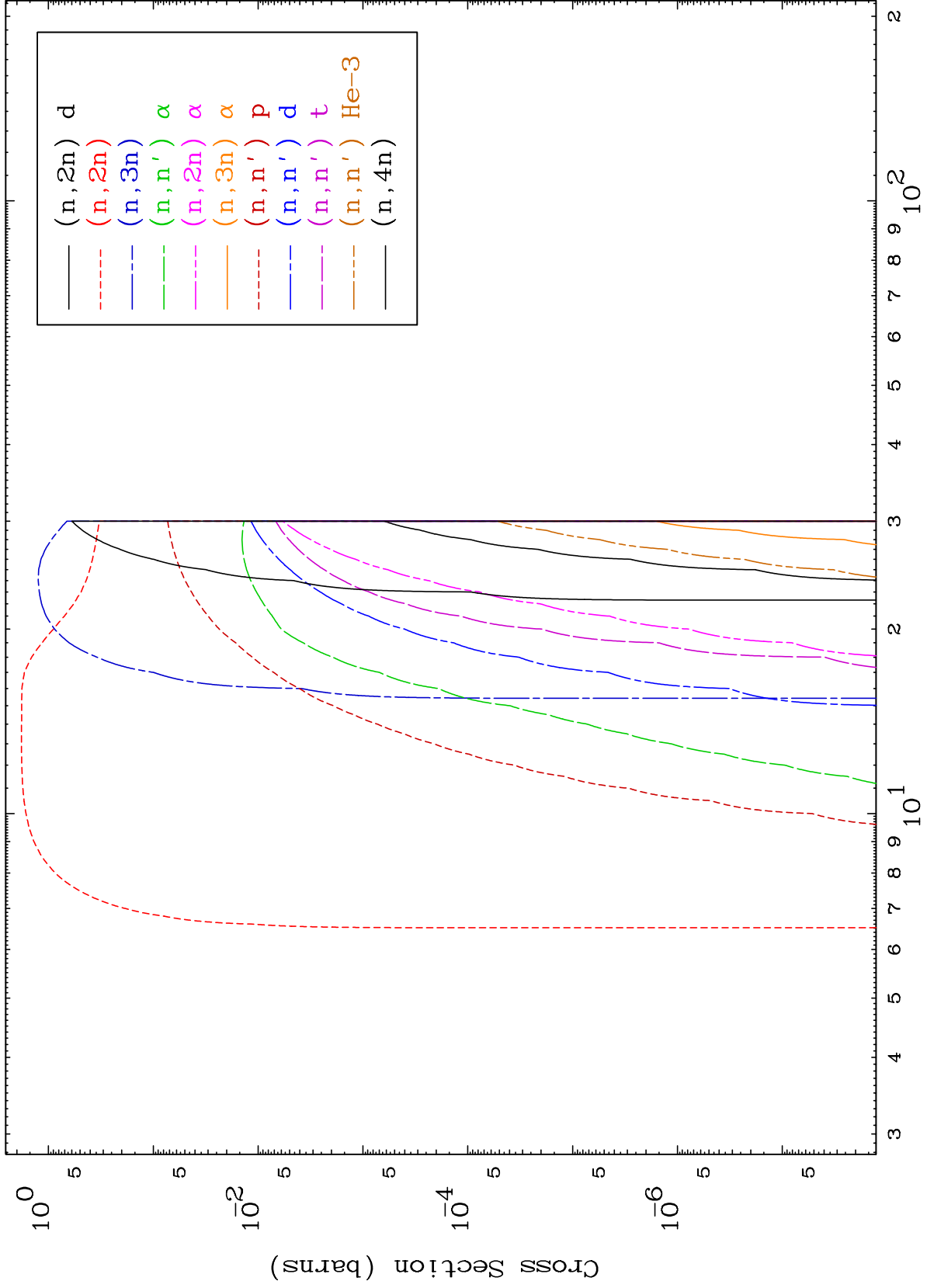
Press Mouse Button to Start

MAT 5335

Neutron Major  
293 Kelvin Cross Sections

53-I -130m

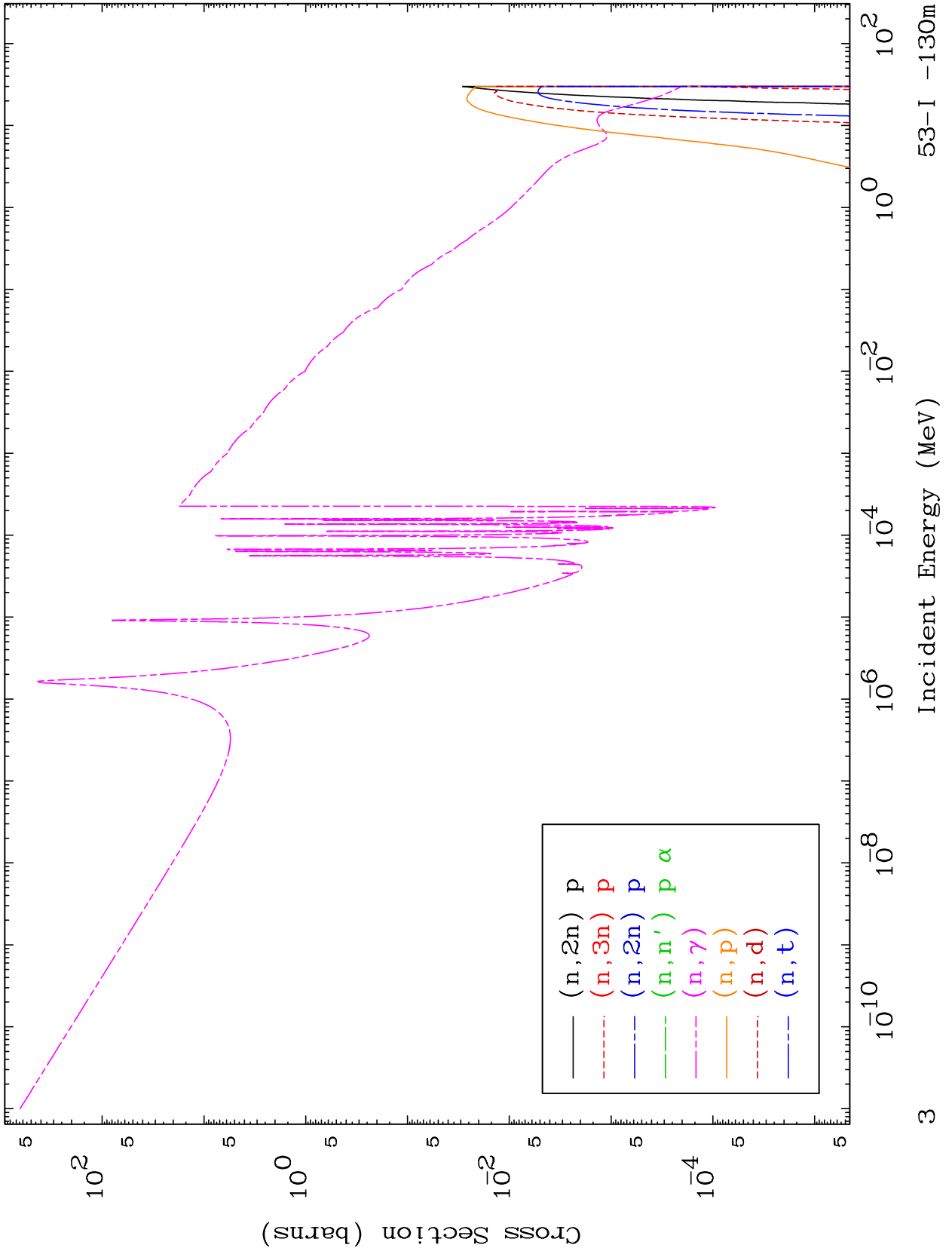




MAT 5335

Neutron Absorption  
293 Kelvin Cross Sections

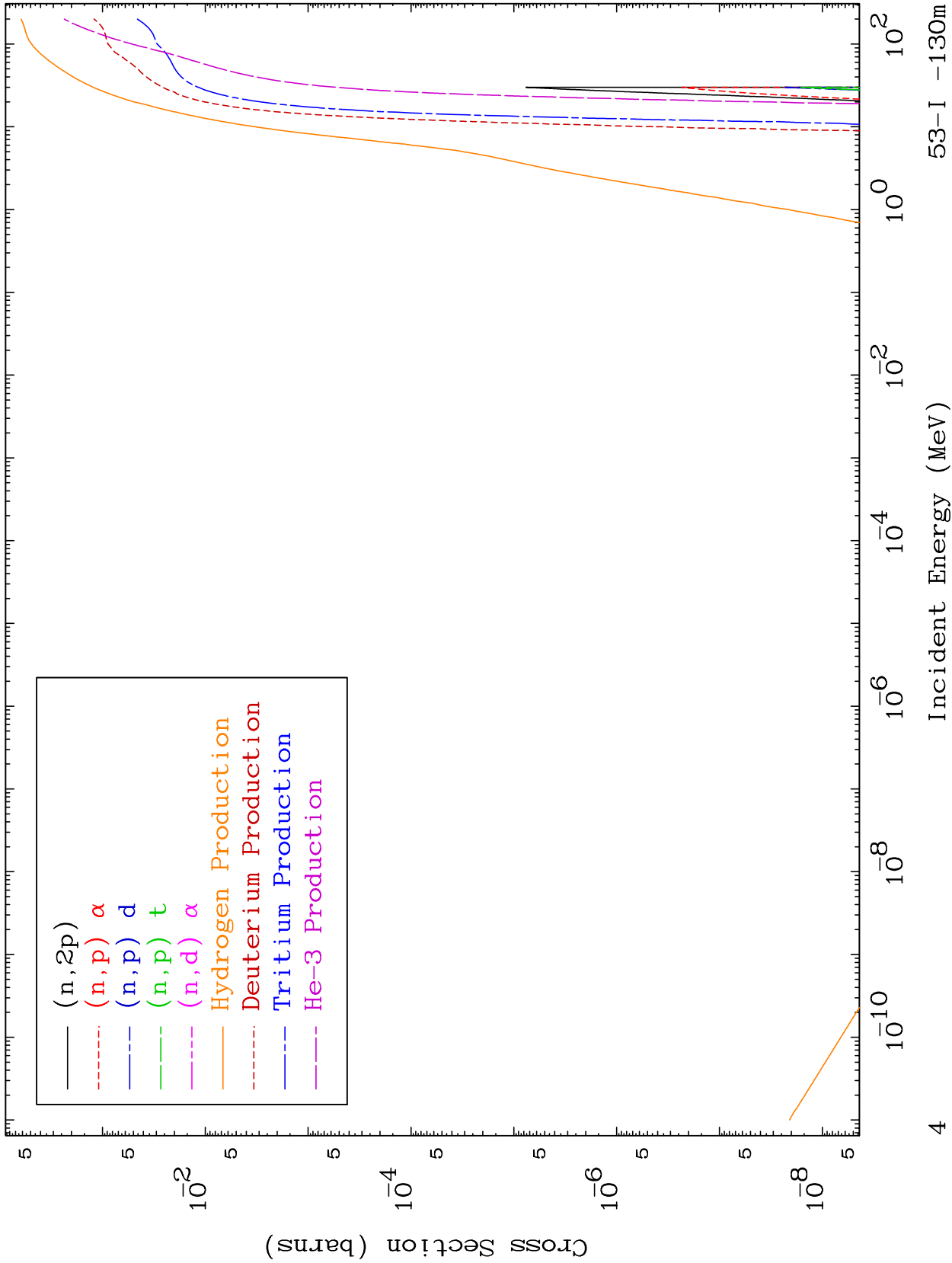
53-I -130m



MAT 5335

Neutron Absorption  
293 Kelvin Cross Sections

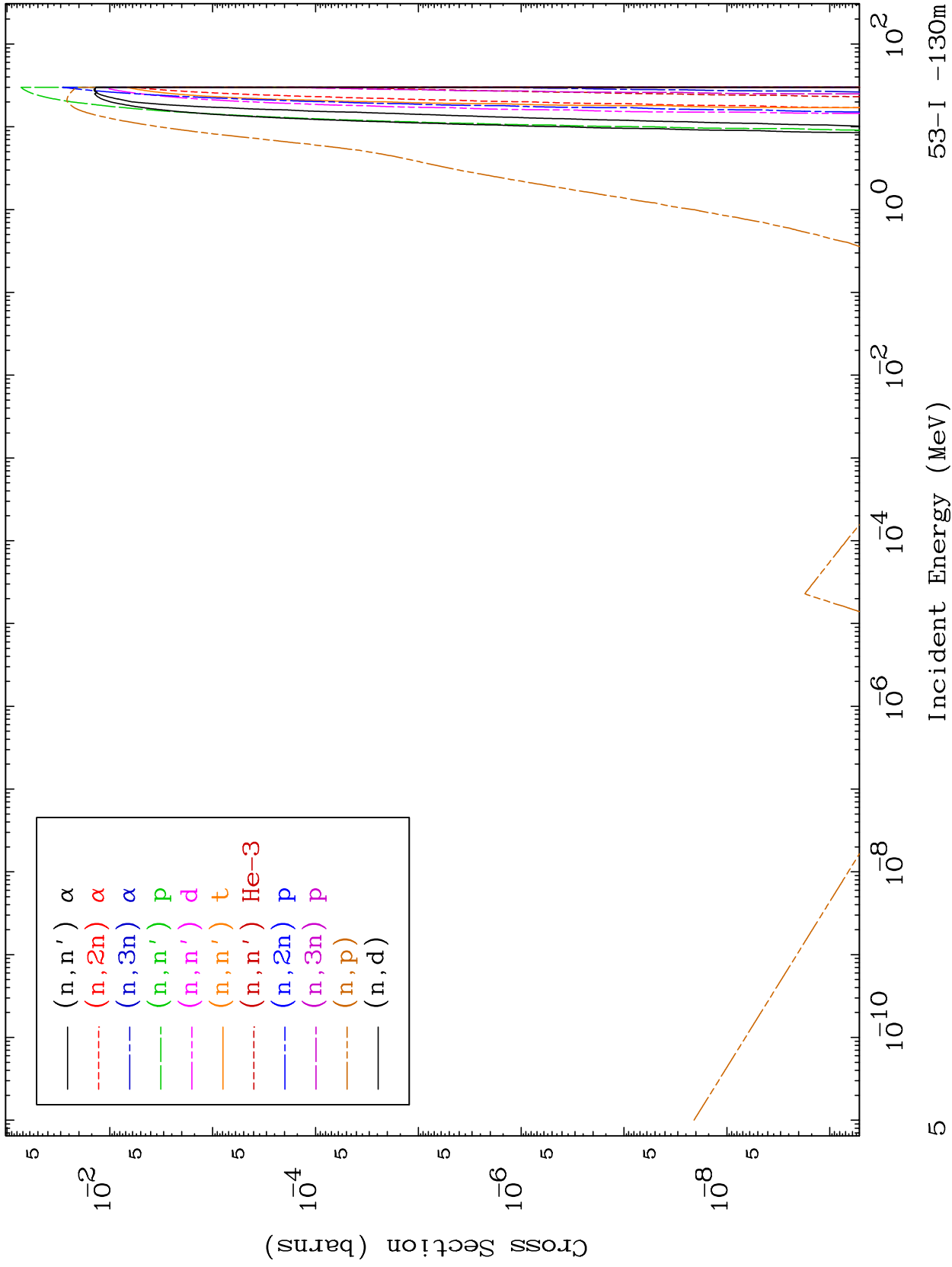
53-I -130m



MAT 5335

Charged Particle  
293 Kelvin Cross Sections

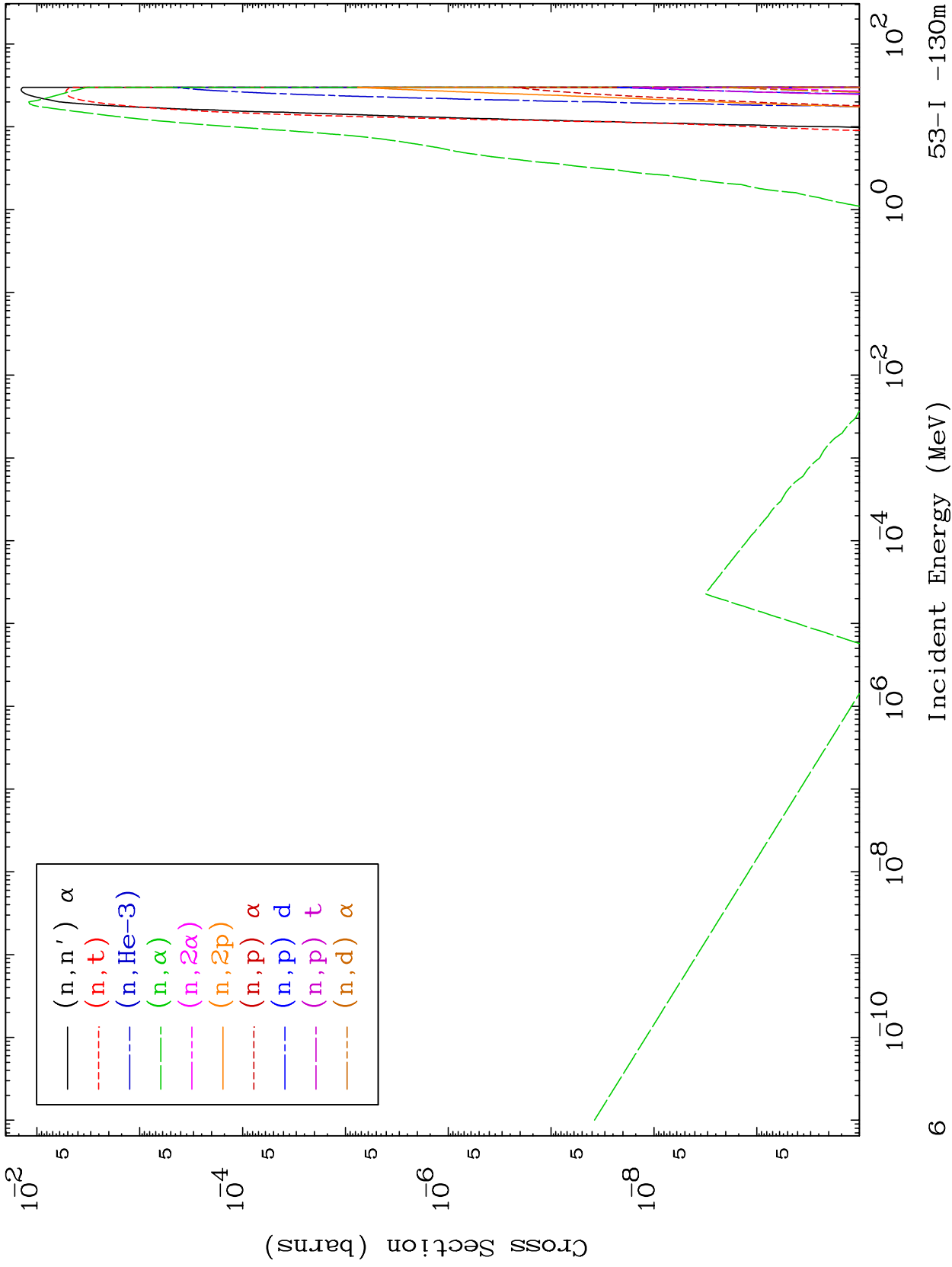
53-I -130m



MAT 5335

Charged Particle  
293 Kelvin Cross Sections

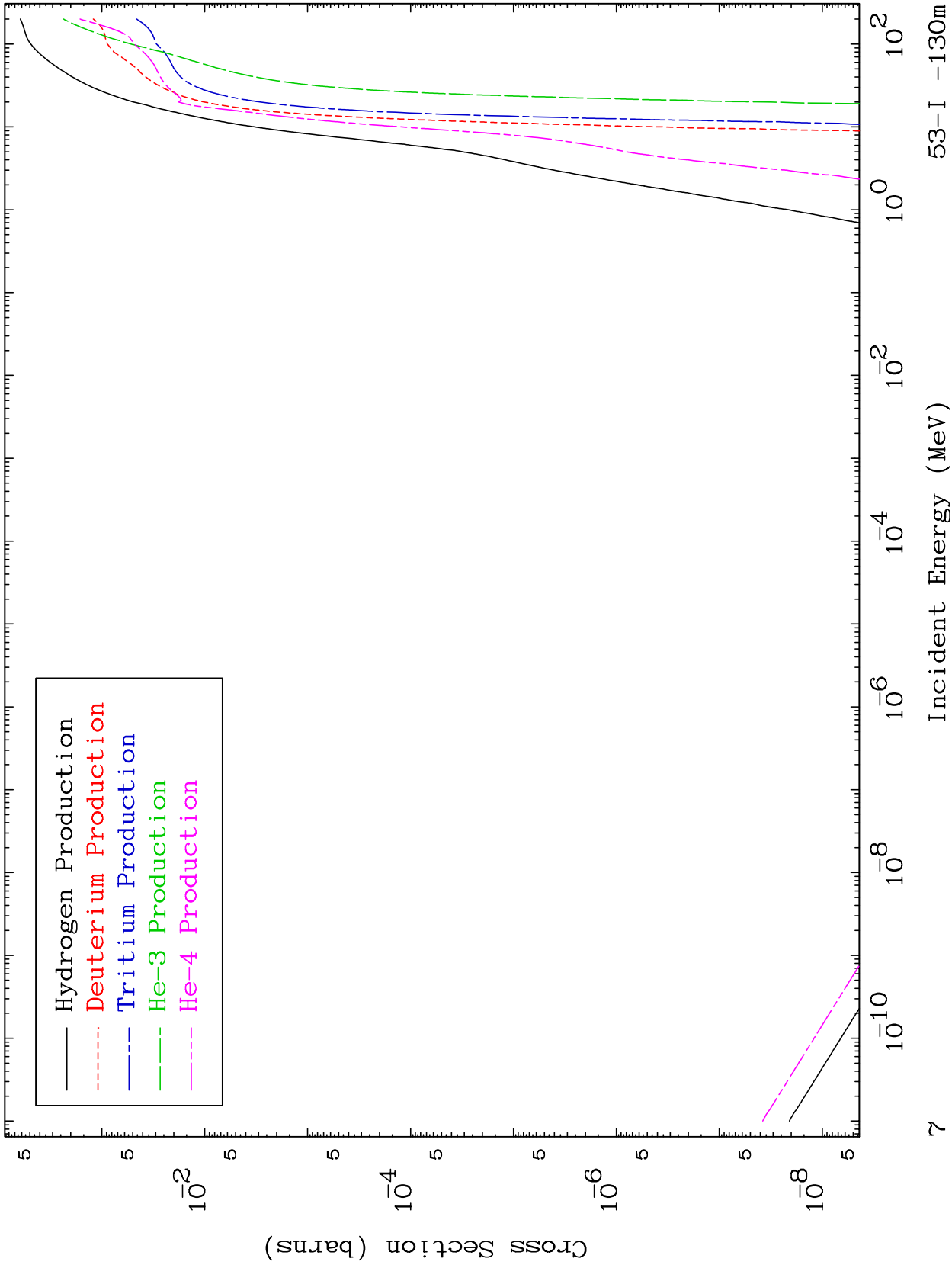
53-I -130m



MAT 5335

Particle Production  
293 Kelvin Cross Sections

53-I -130m

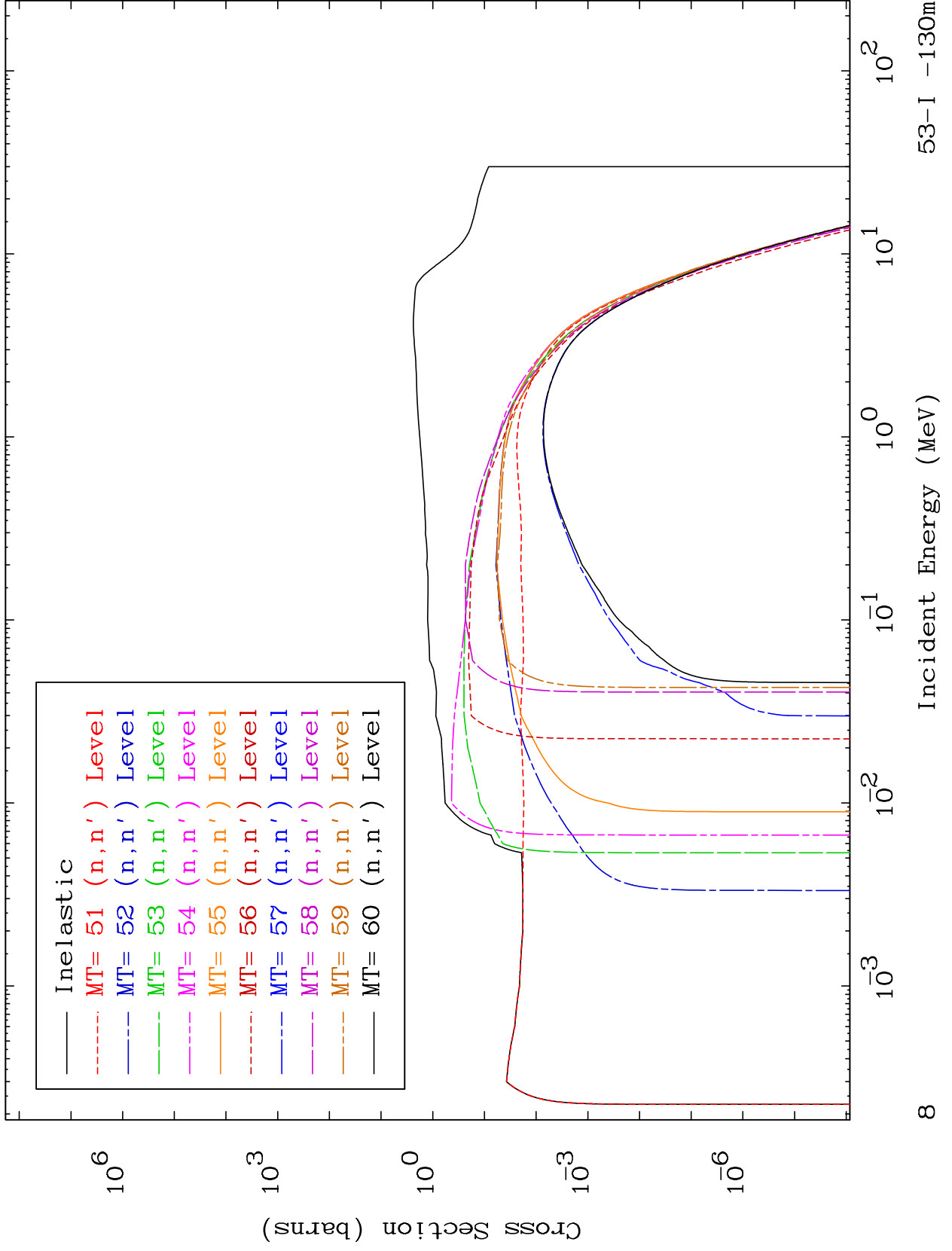




MAT 5335

(n,n') Levels  
293 Kelvin Cross Sections

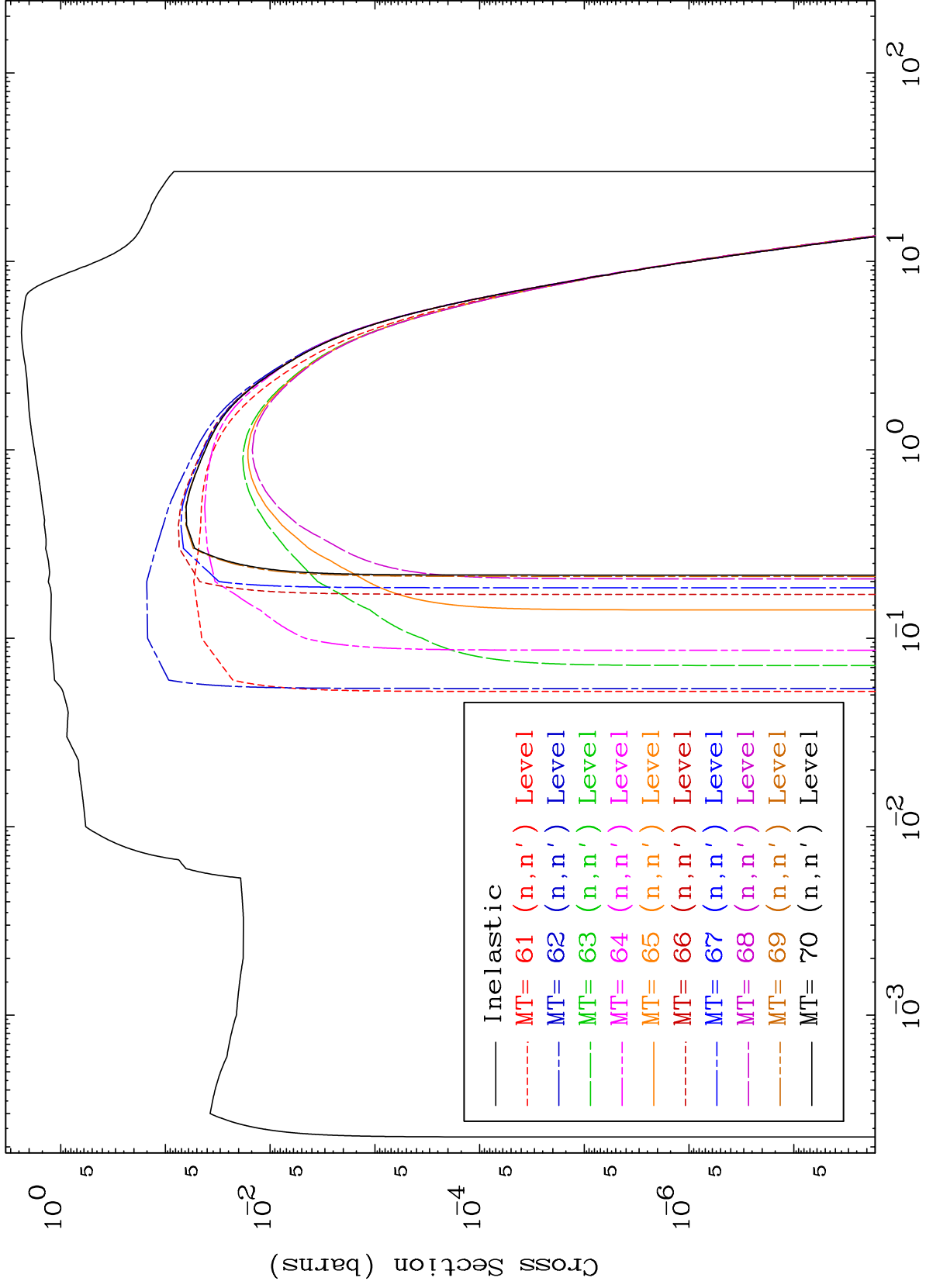
53-I -130m



MAT 5335

(n,n') Levels  
293 Kelvin Cross Sections

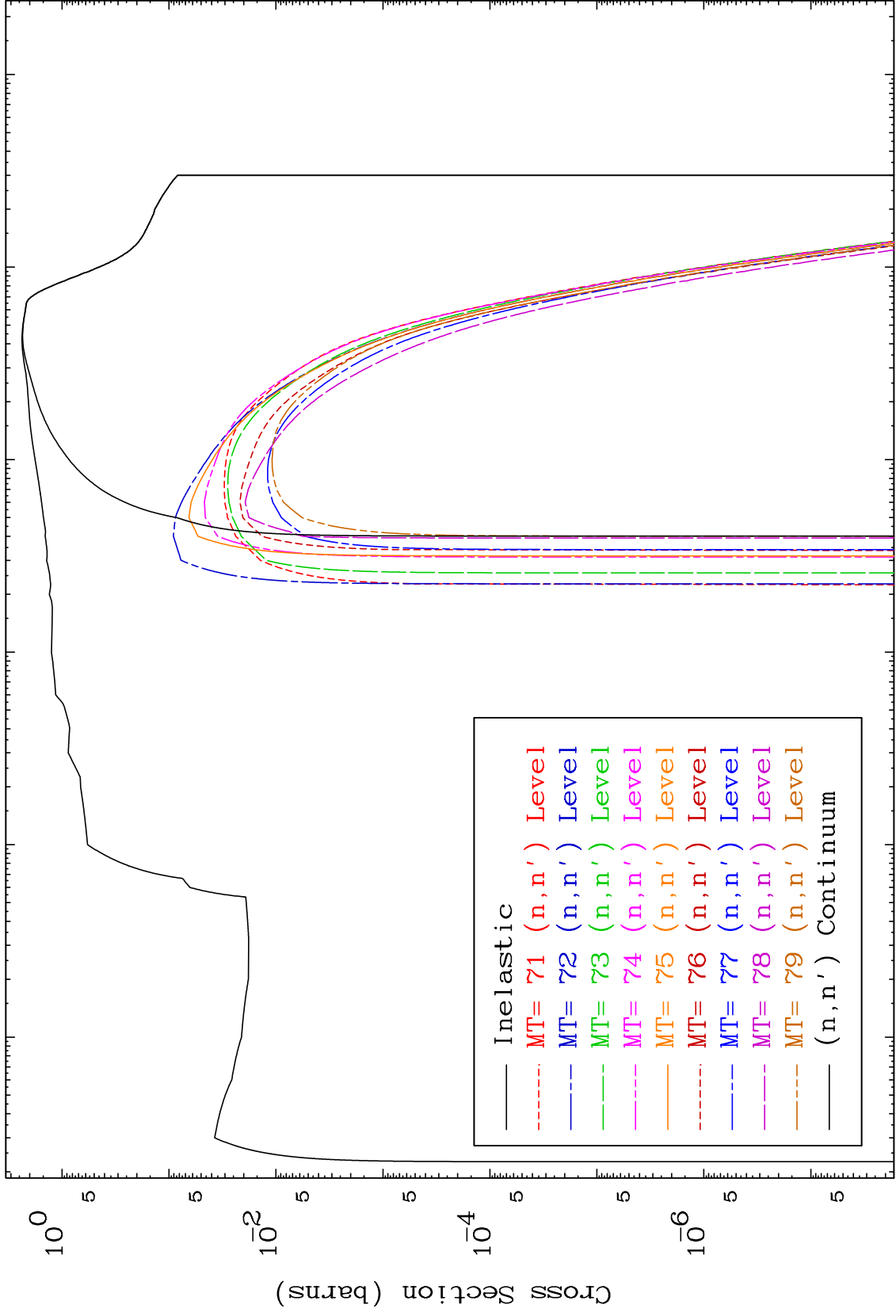
53-I -130m



MAT 5335

(n,n') Levels  
293 Kelvin Cross Sections

53-I -130m



10

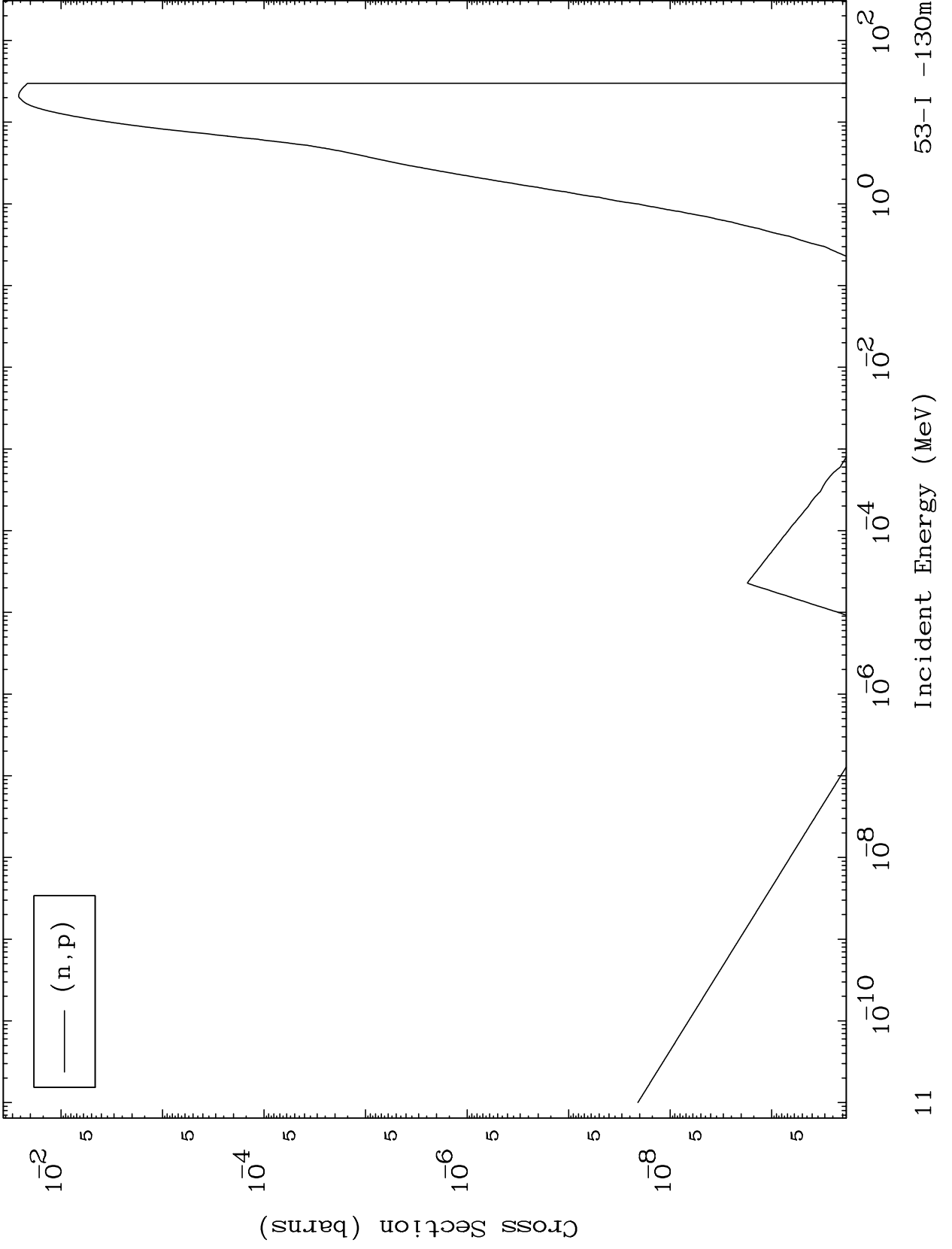
Incident Energy (MeV)

53-I -130m

MAT 5335

(n,p) Levels  
293 Kelvin Cross Sections

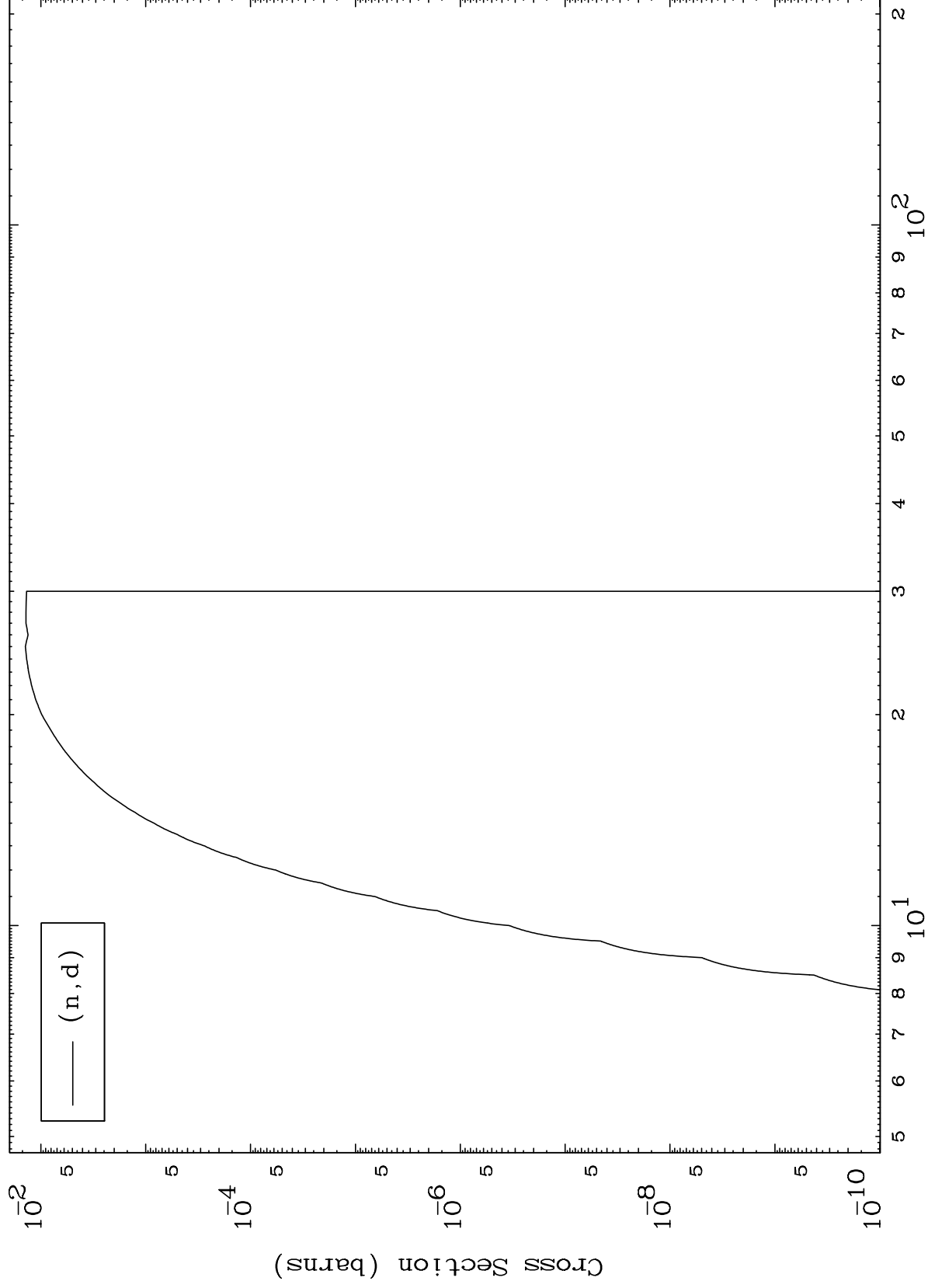
53-I -130m



MAT 5335

(n,d) Levels  
293 Kelvin Cross Sections

53-I -130m



12

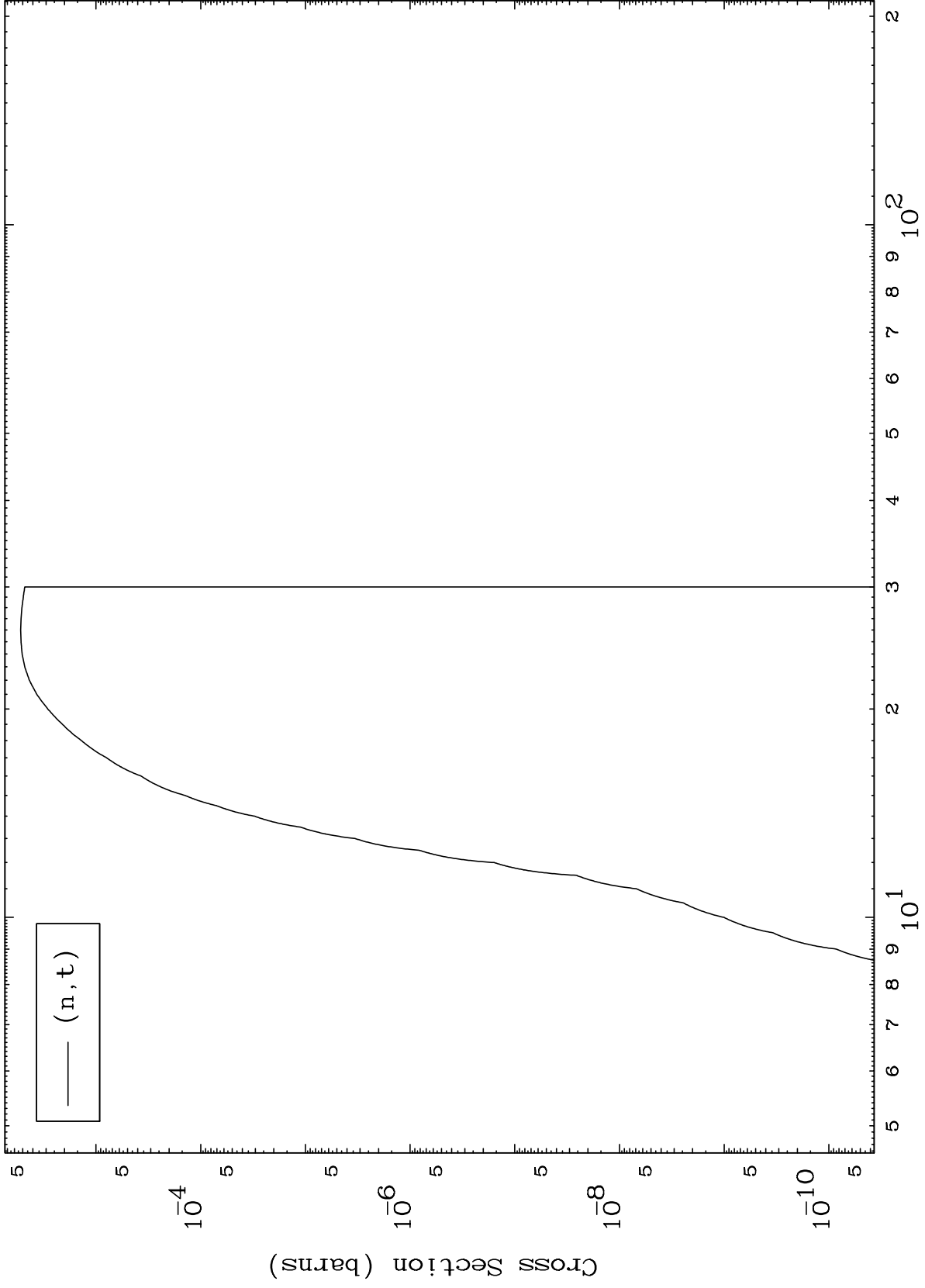
Incident Energy (MeV)

53-I -130m

MAT 5335

(n,t) Levels  
293 Kelvin Cross Sections

53-I -130m



13

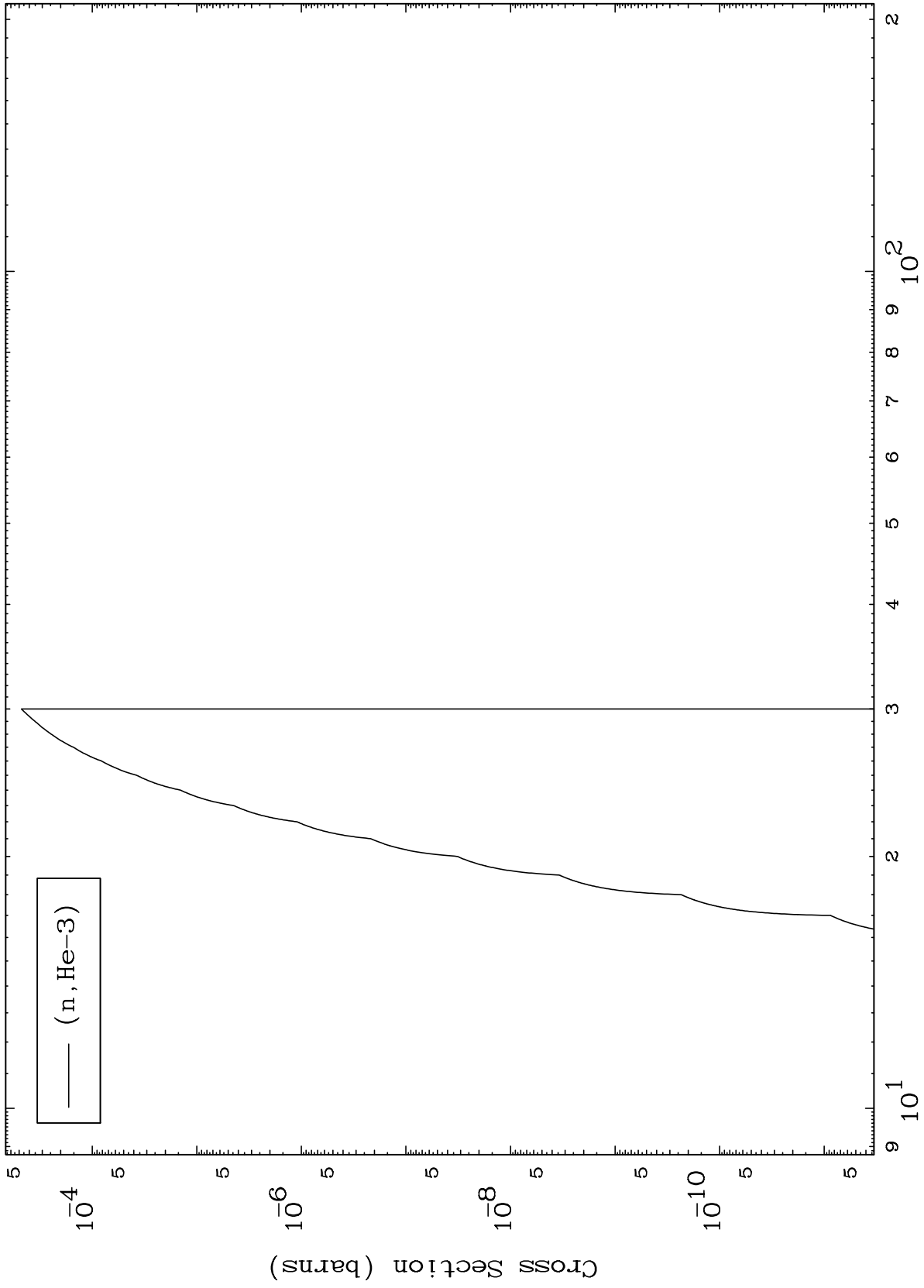
Incident Energy (MeV)

53-I -130m

MAT 5335

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -130m



14

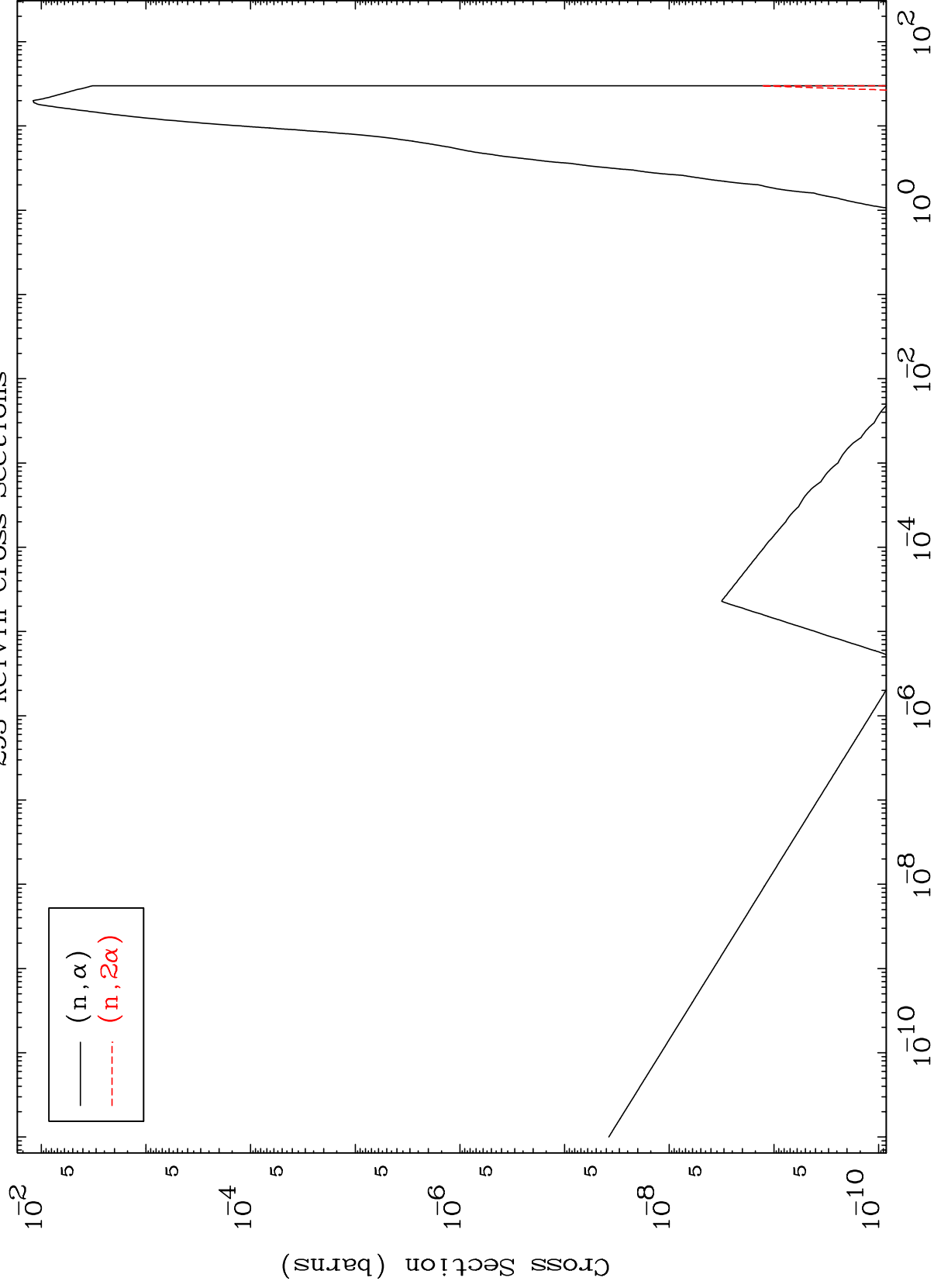
Incident Energy (MeV)

53-I -130m

MAT 5335

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

53-I -130m

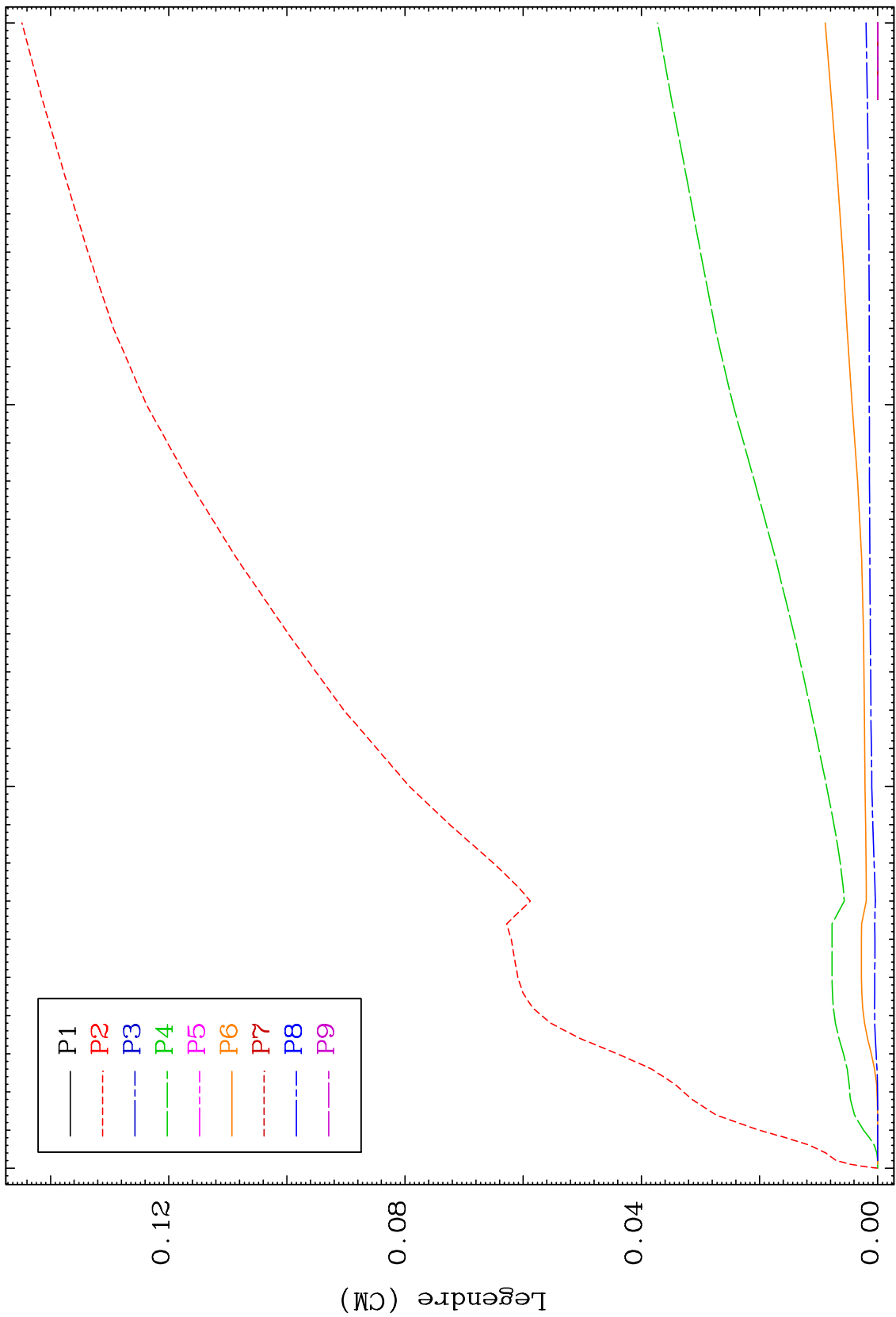




MAT 5335

Elastic Legendre Coefficients

53-I -130m



16

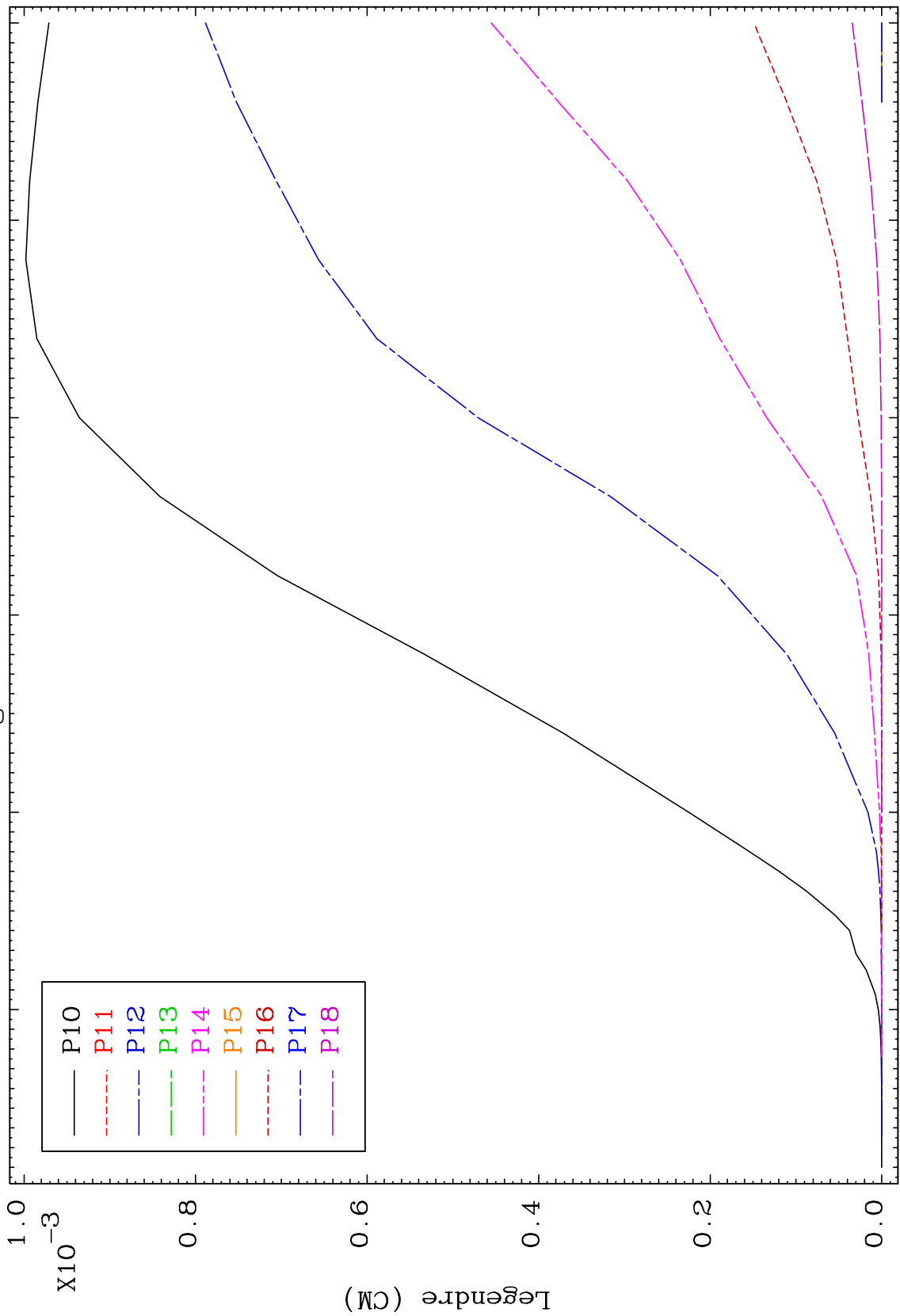
Incident Energy (MeV)

53-I -130m

MAT 5335

Elastic Legendre Coefficients

53-I -130m



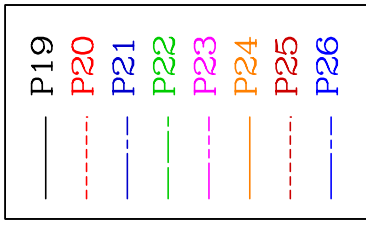
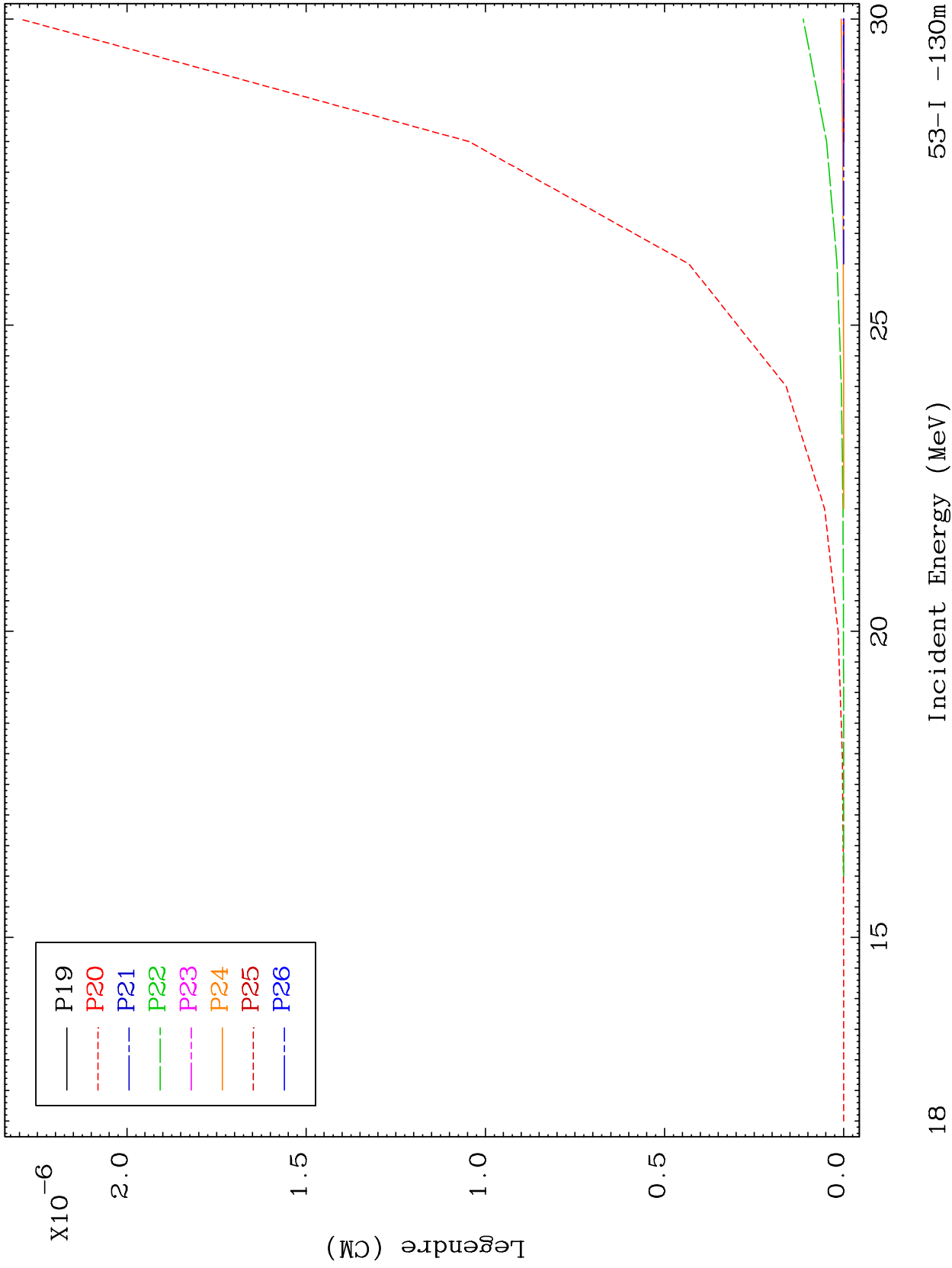
17

53-I -130m

MAT 5335

Elastic Legendre Coefficients

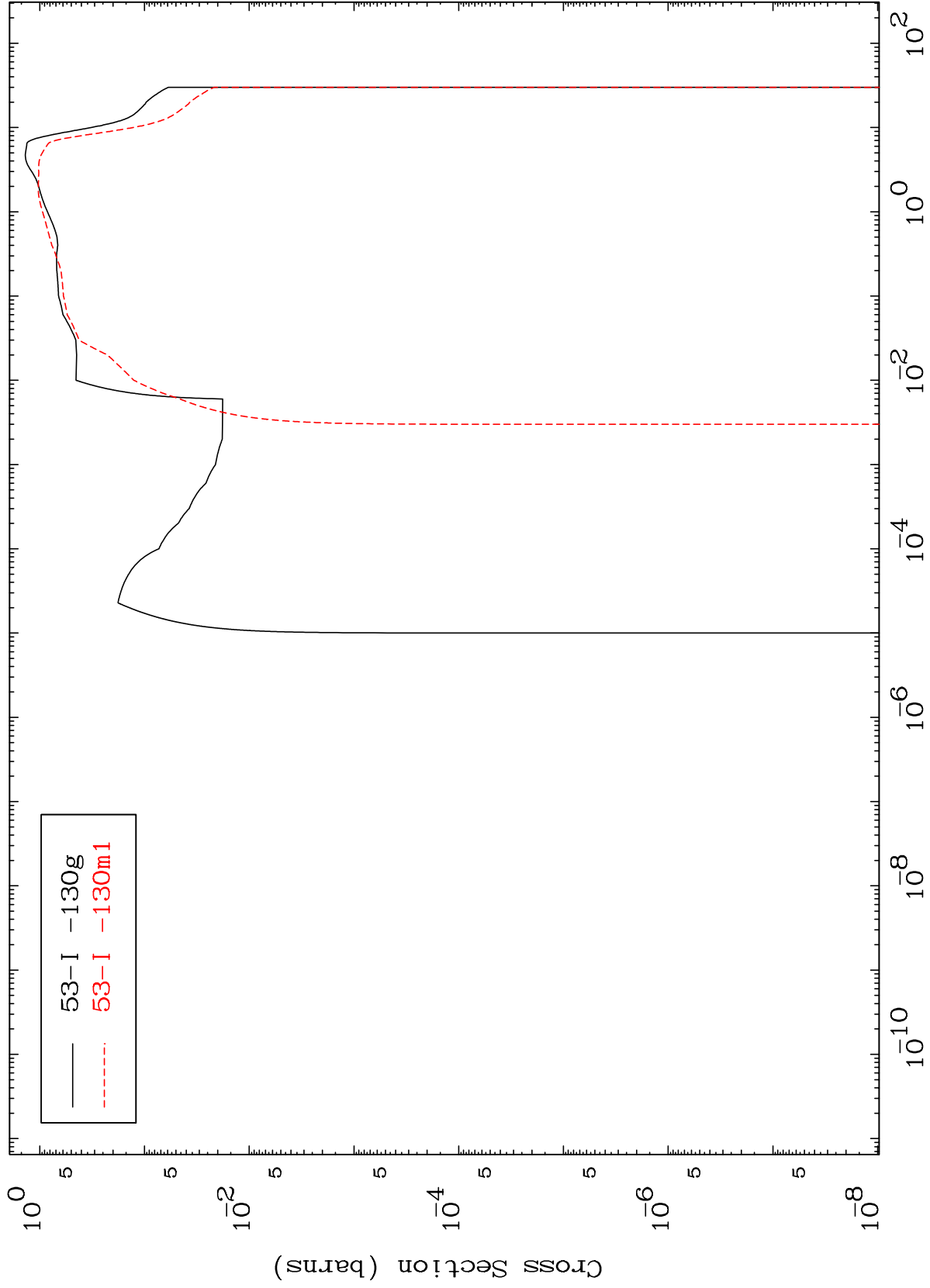
53-I -130m



MAT 5335

Inelastic  
Radionuclide Production Cross Section

53-I -130m

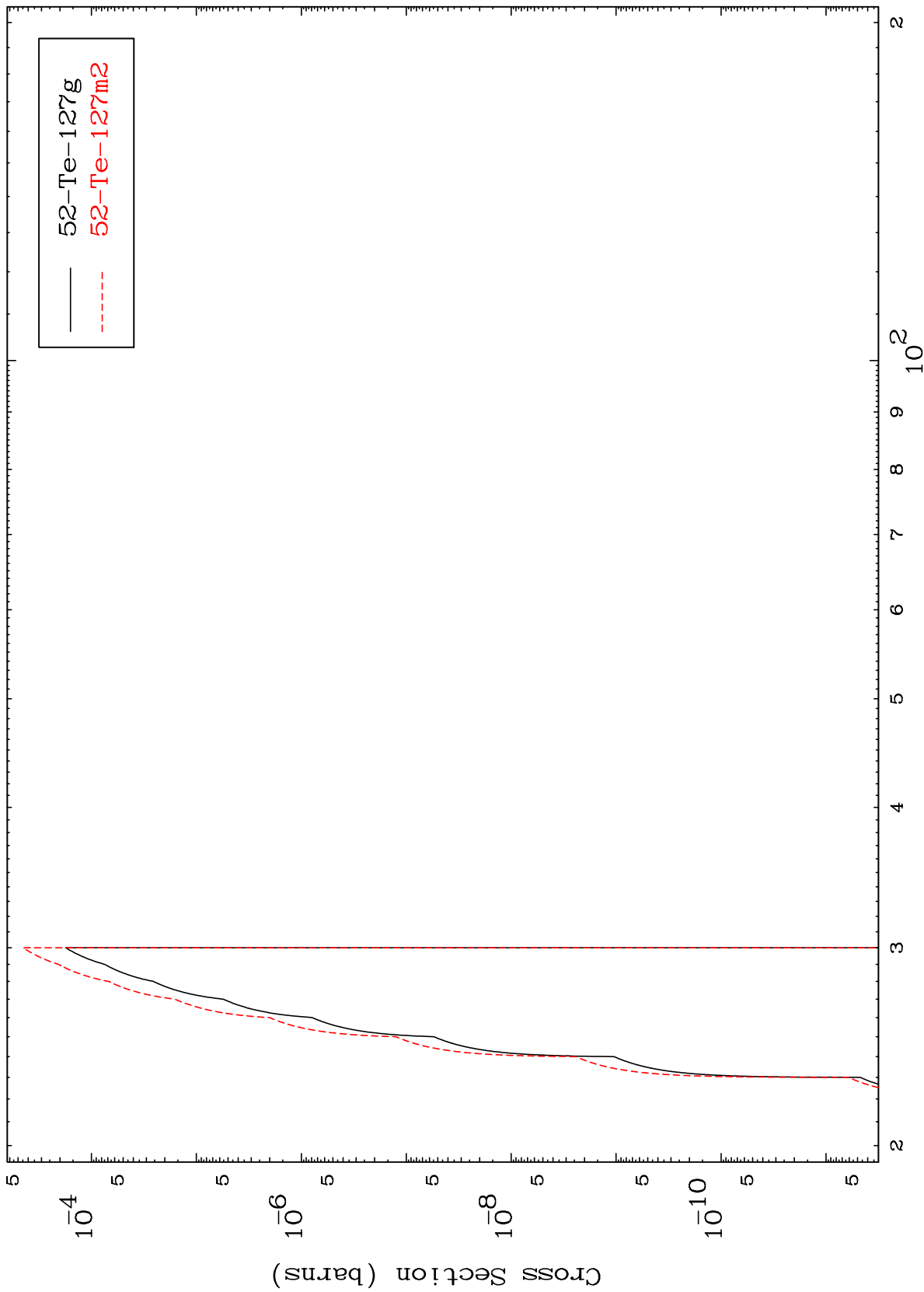


MAT 5335

(n,2n) d

53-I -130m

Radionuclide Production Cross Section



20

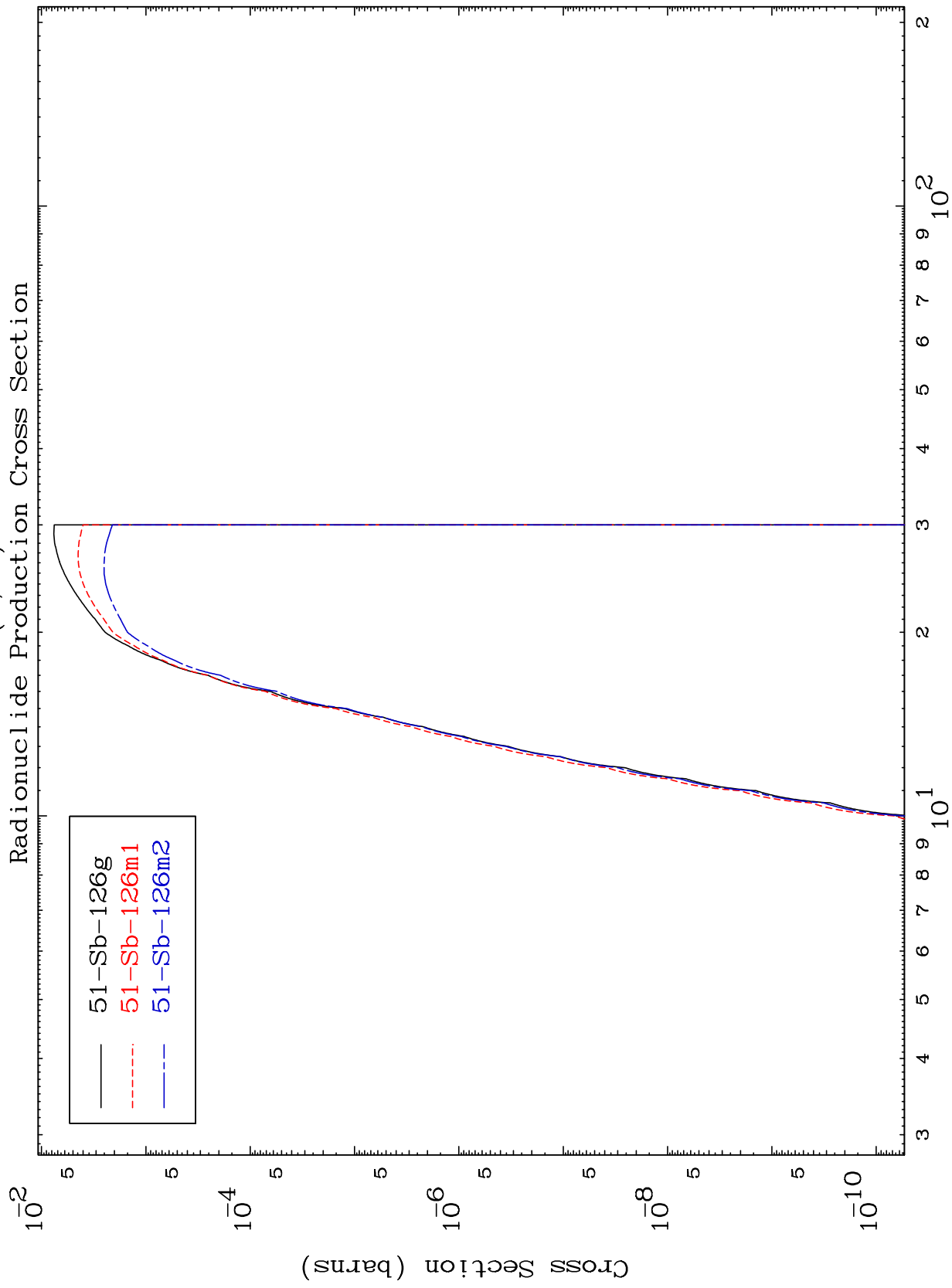
Incident Energy (MeV)

53-I -130m

MAT 5335

(n,n')  $\alpha$

53-I -130m



Incident Energy (MeV)

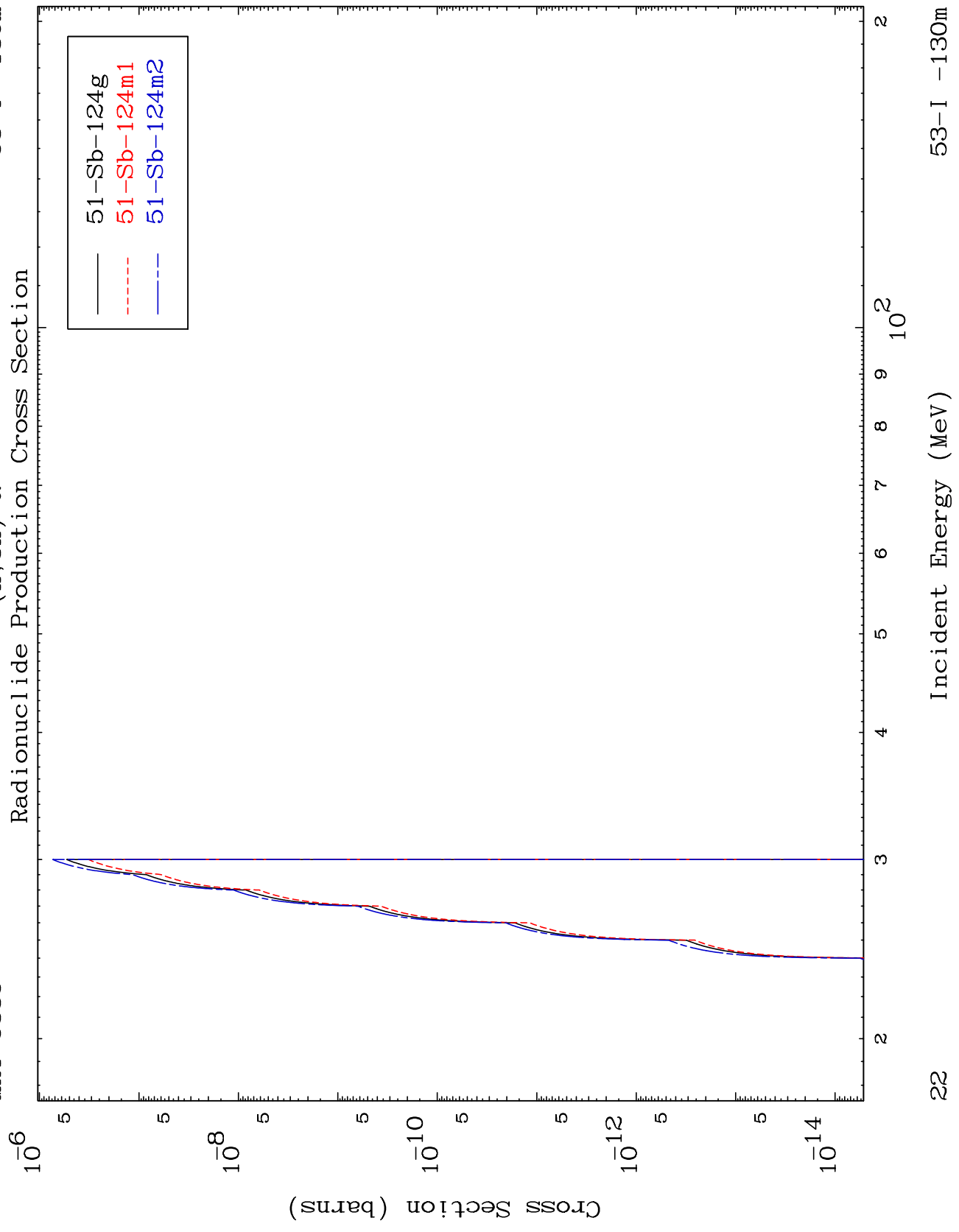
53-I -130m

21

MAT 5335

(n,3n)  $\alpha$

53-I -130m

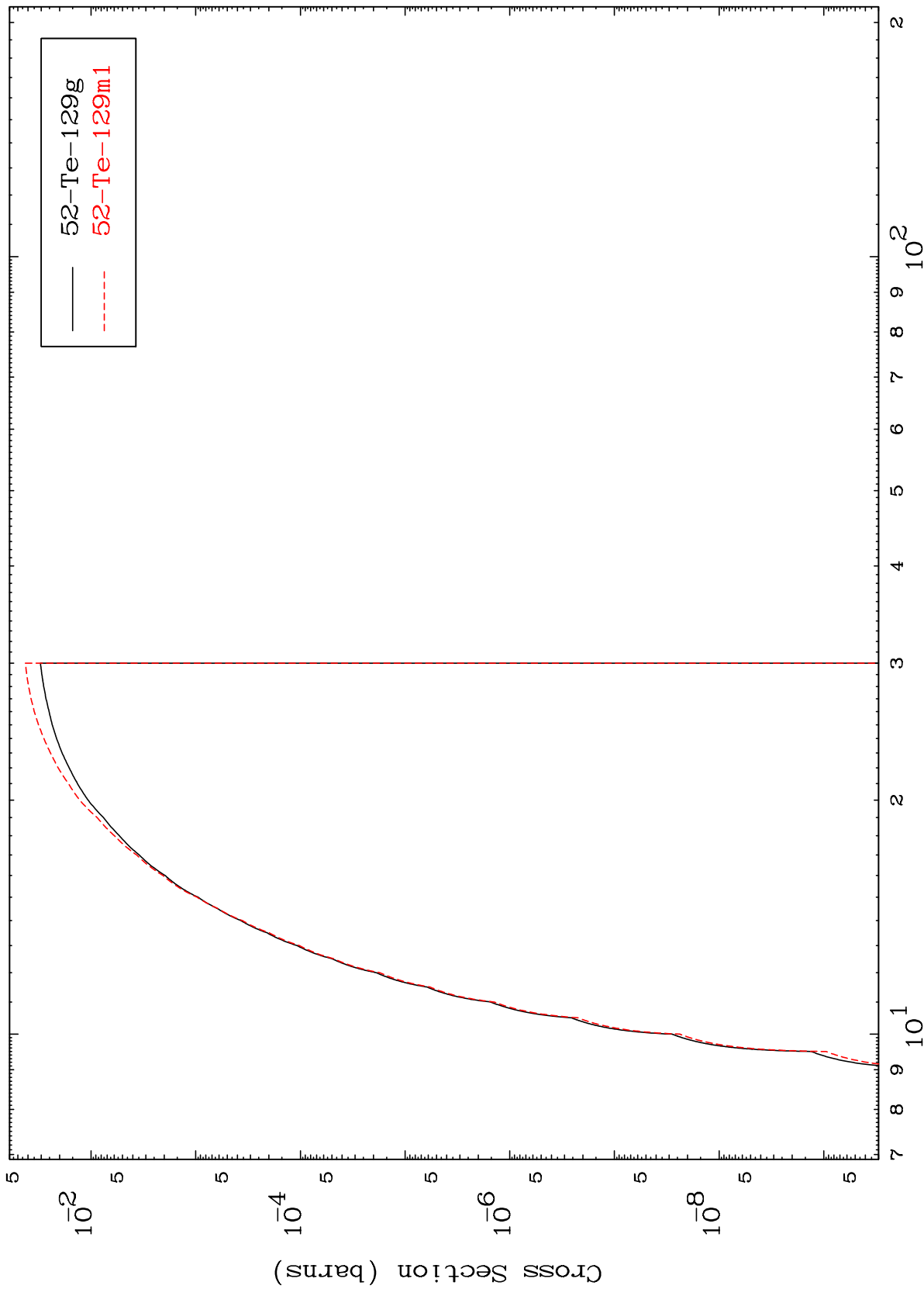


MAT 5335

(n,n') p

53-I -130m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

53-I -130m

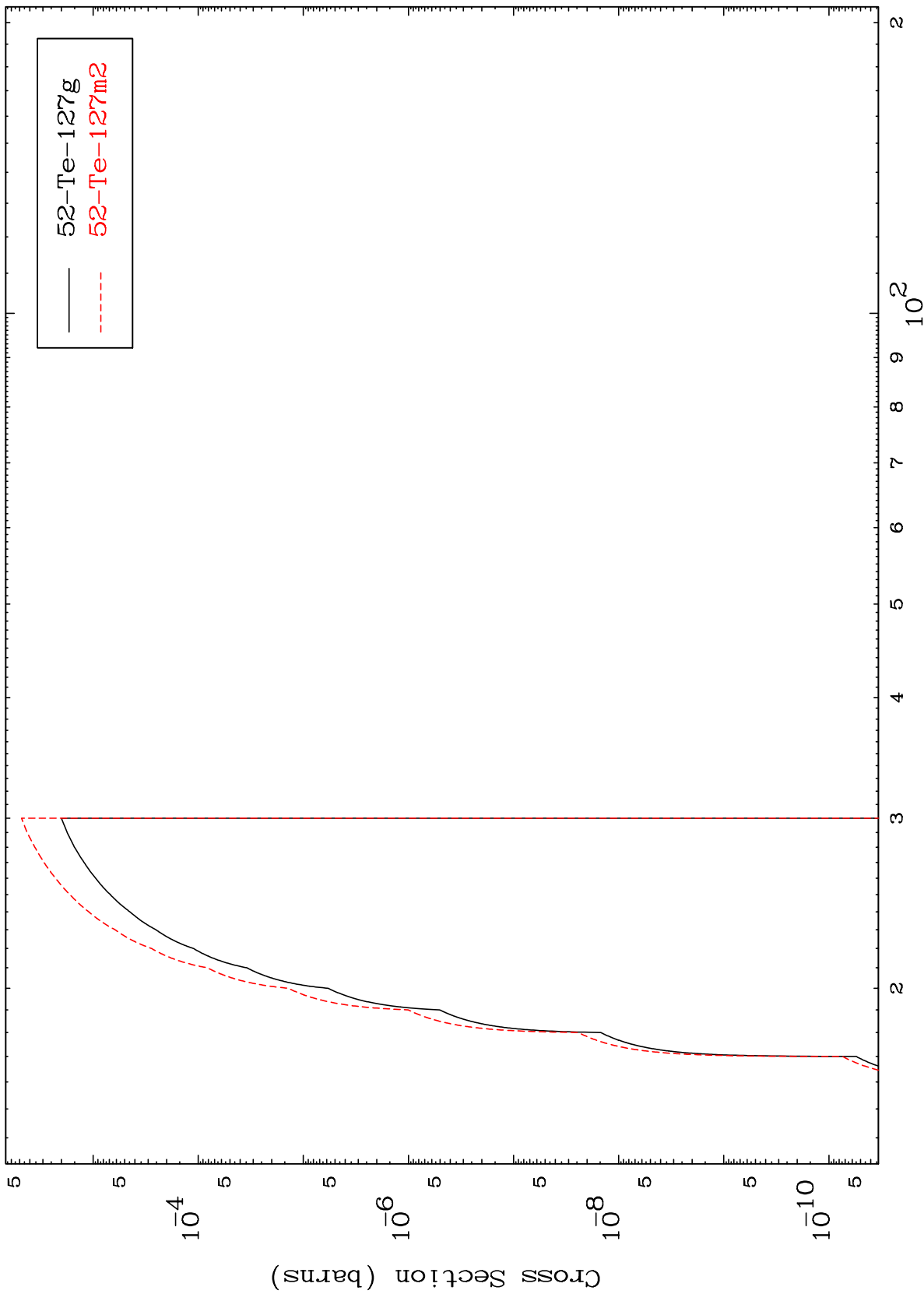


MAT 5335

(n,n') t

53-I -130m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

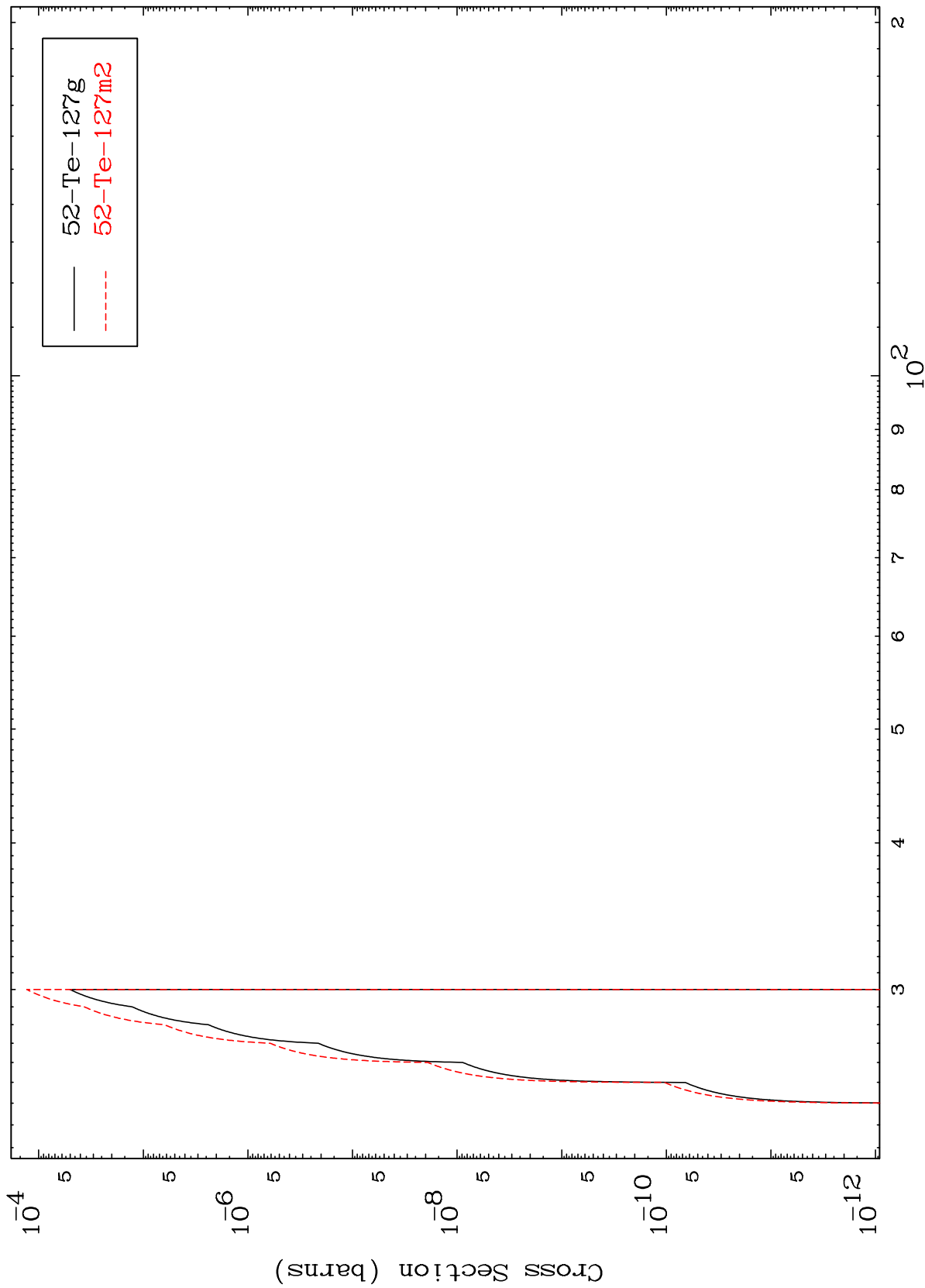
53-I -130m

MAT 5335

53-I -130m

(n,3n) p

Radionuclide Production Cross Section

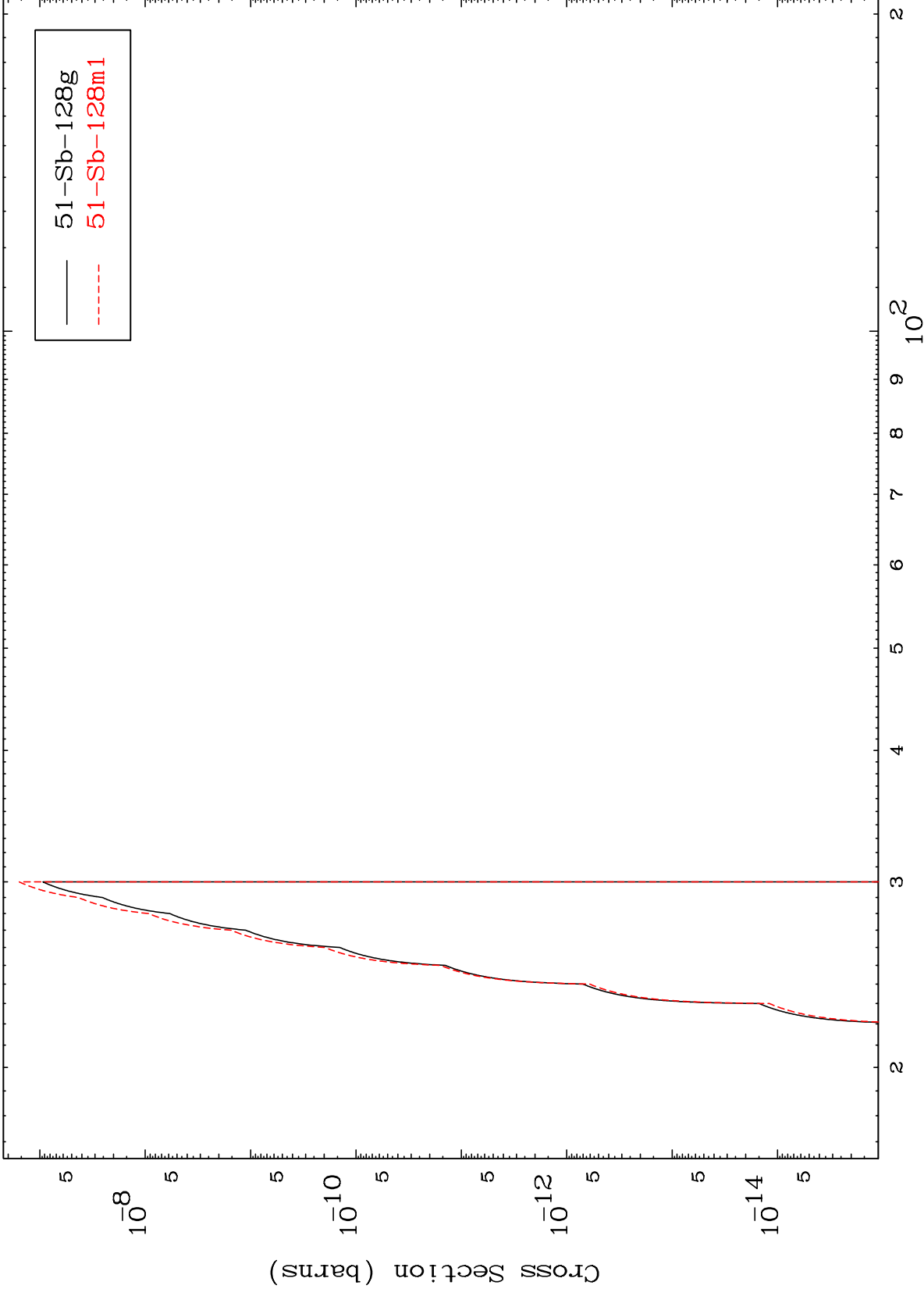


25

Incident Energy (MeV)

53-I -130m

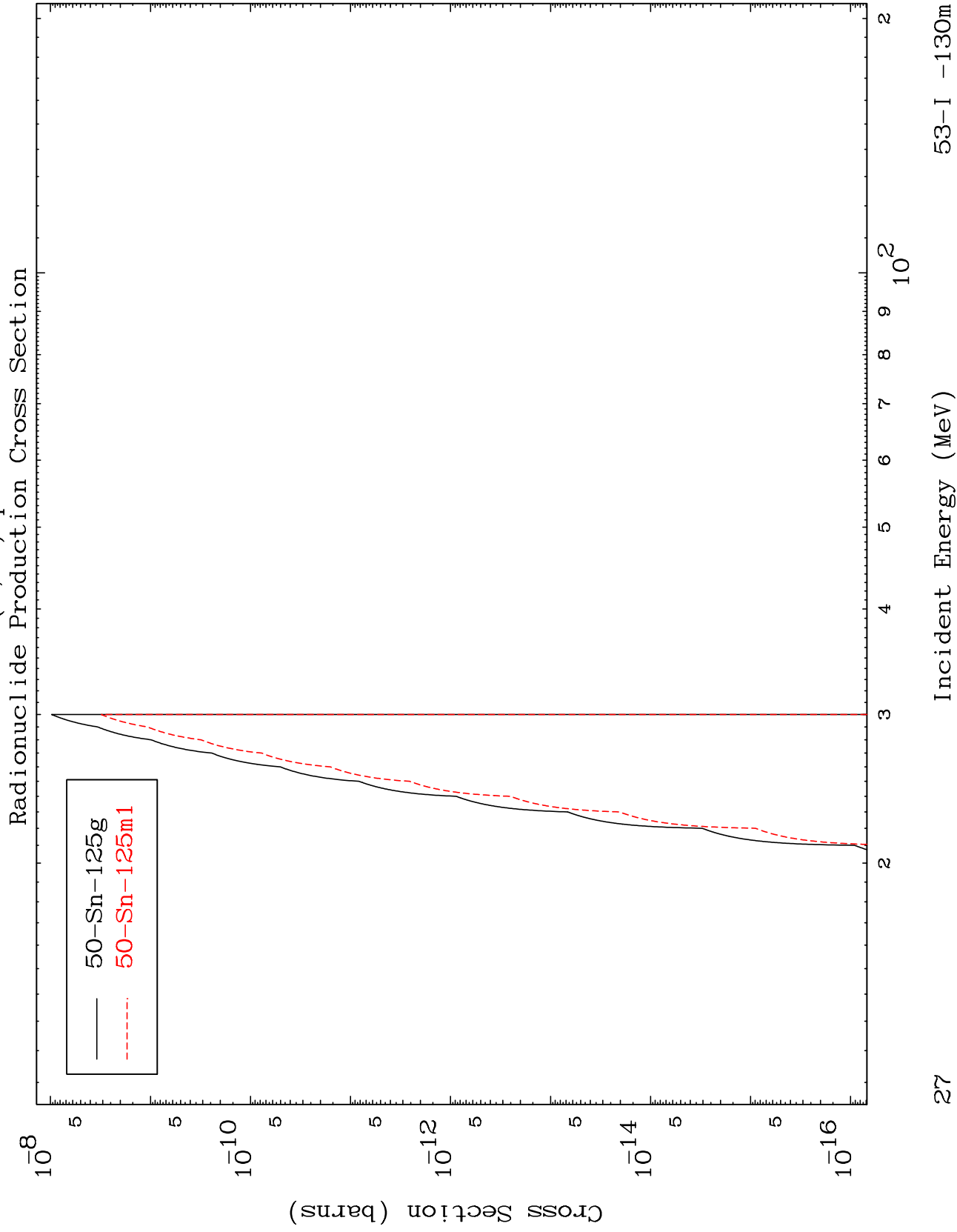
Radionuclide Production Cross Section



MAT 5335

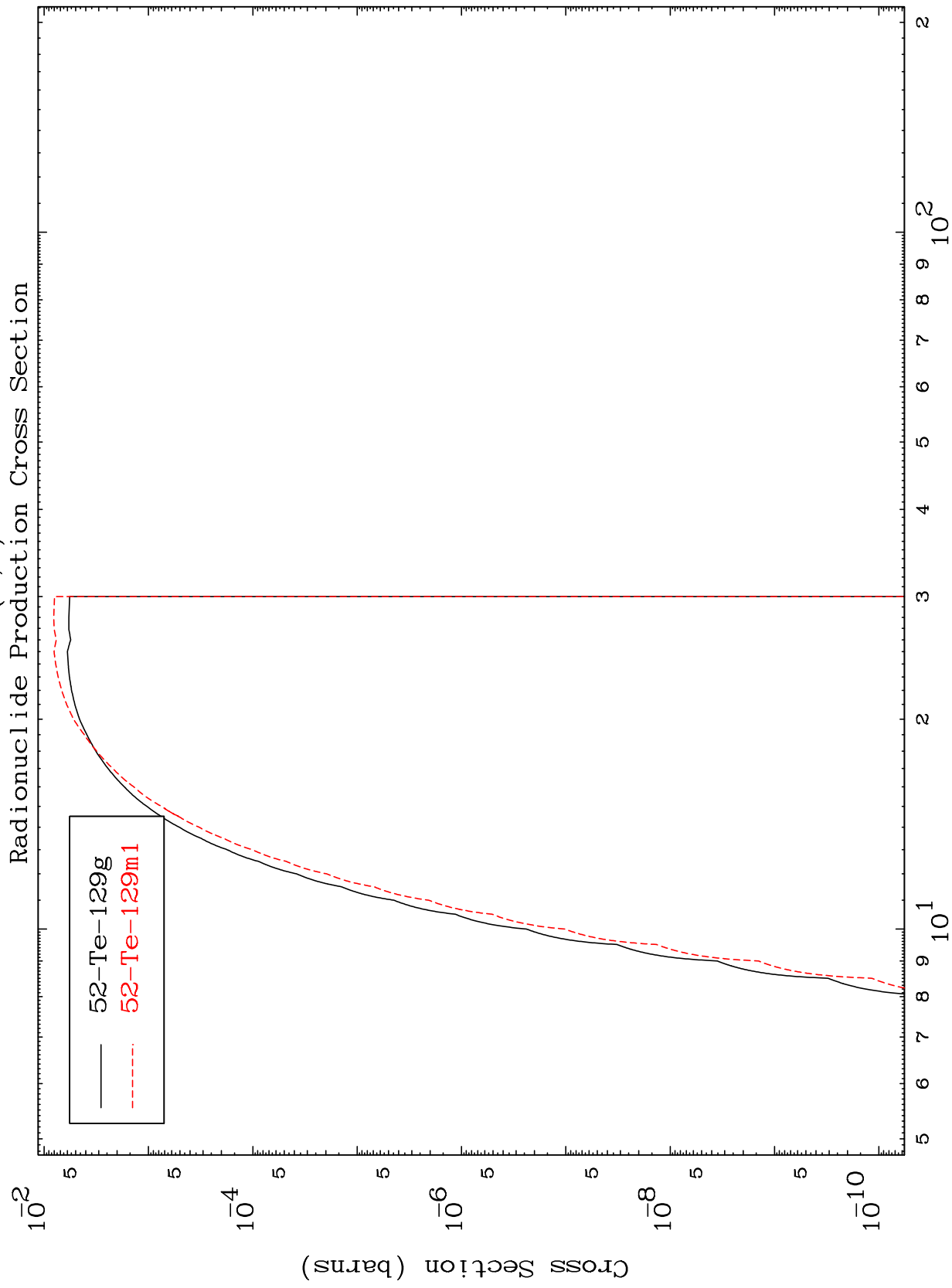
(n,n') p  $\alpha$

53-I -130m



MAT 5335

53-I -130m



53-I -130m

Incident Energy (MeV)

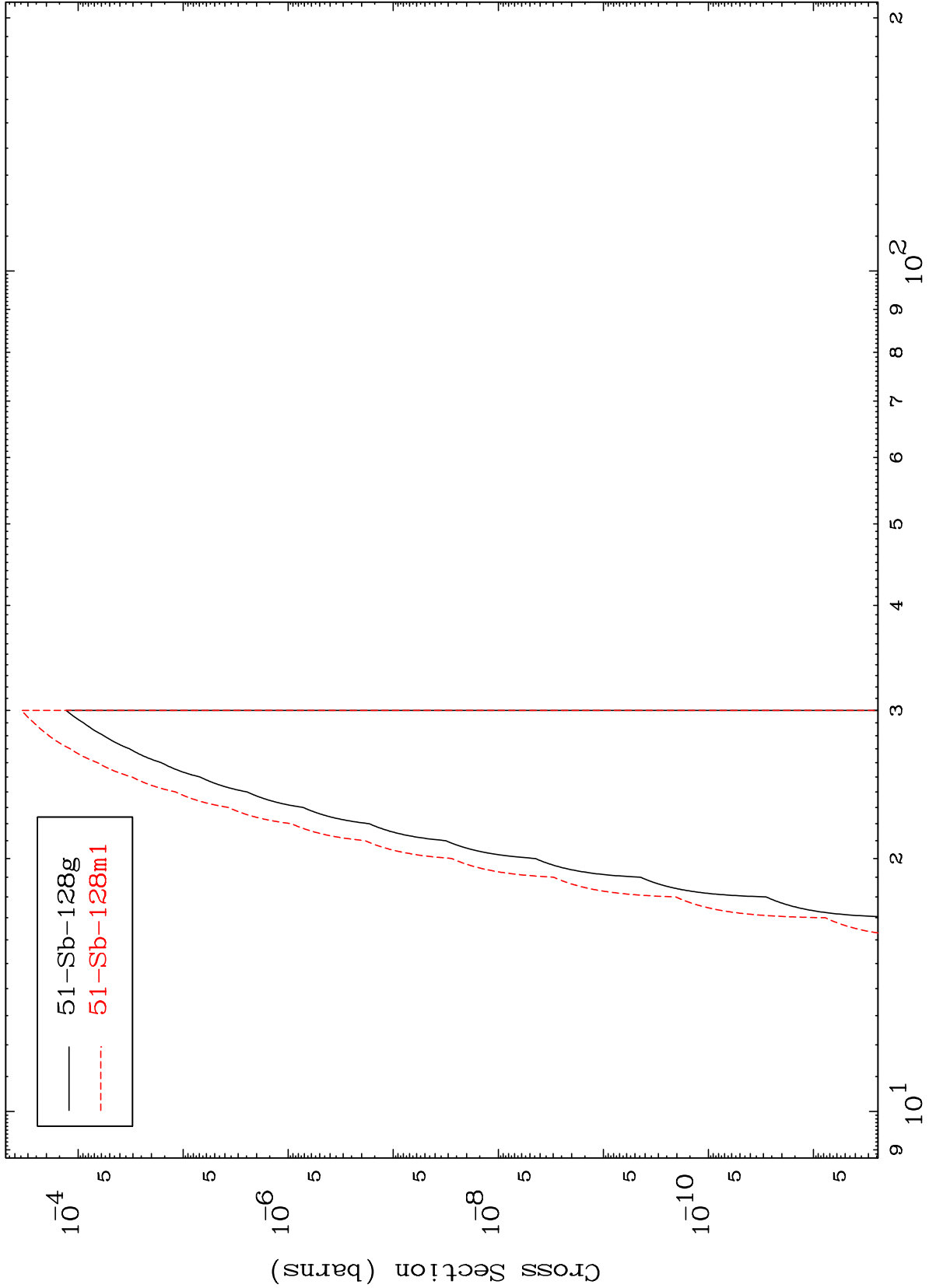
28

MAT 5335

(n,He-3)

53-I -130m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

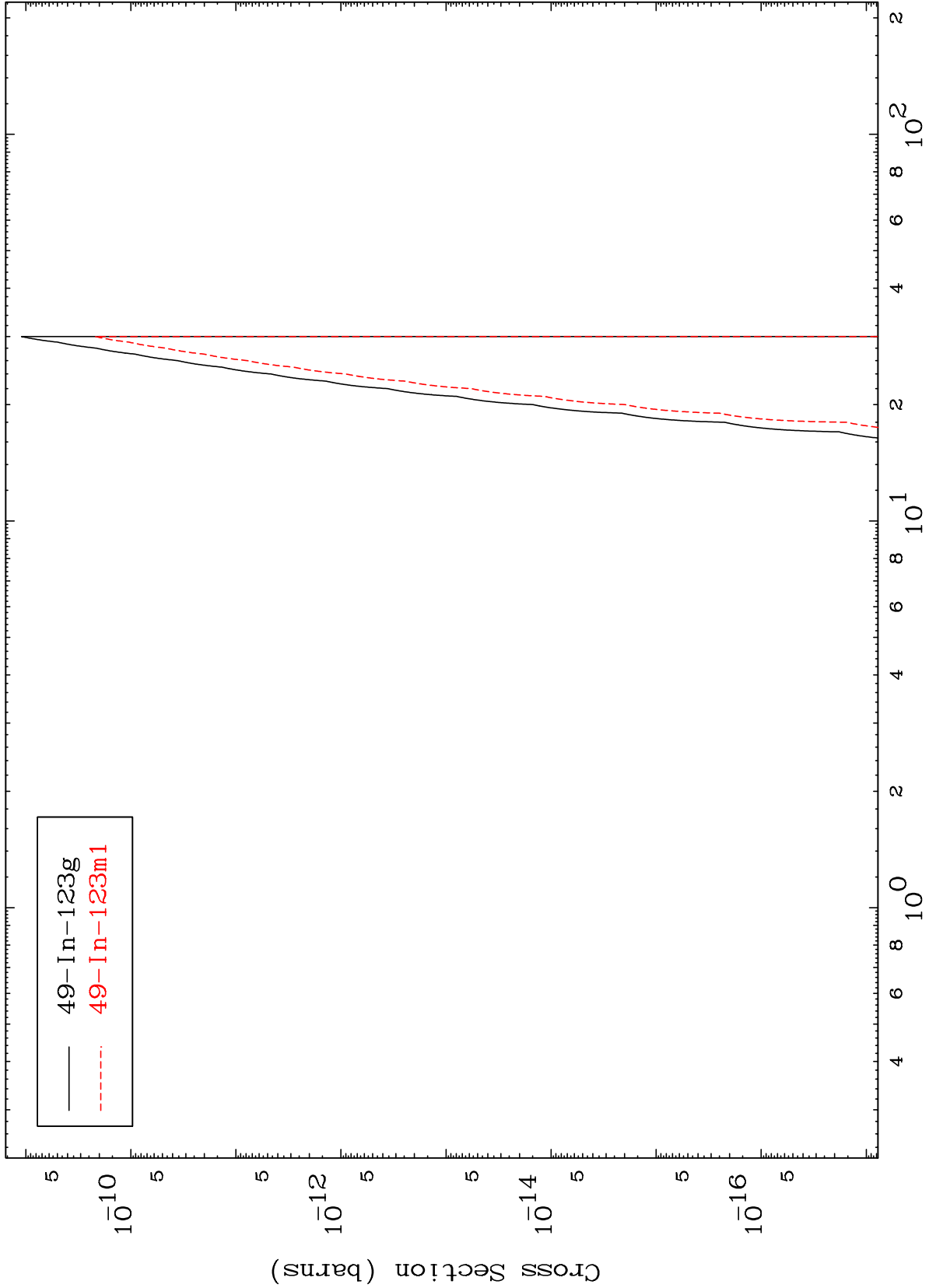
53-I -130m

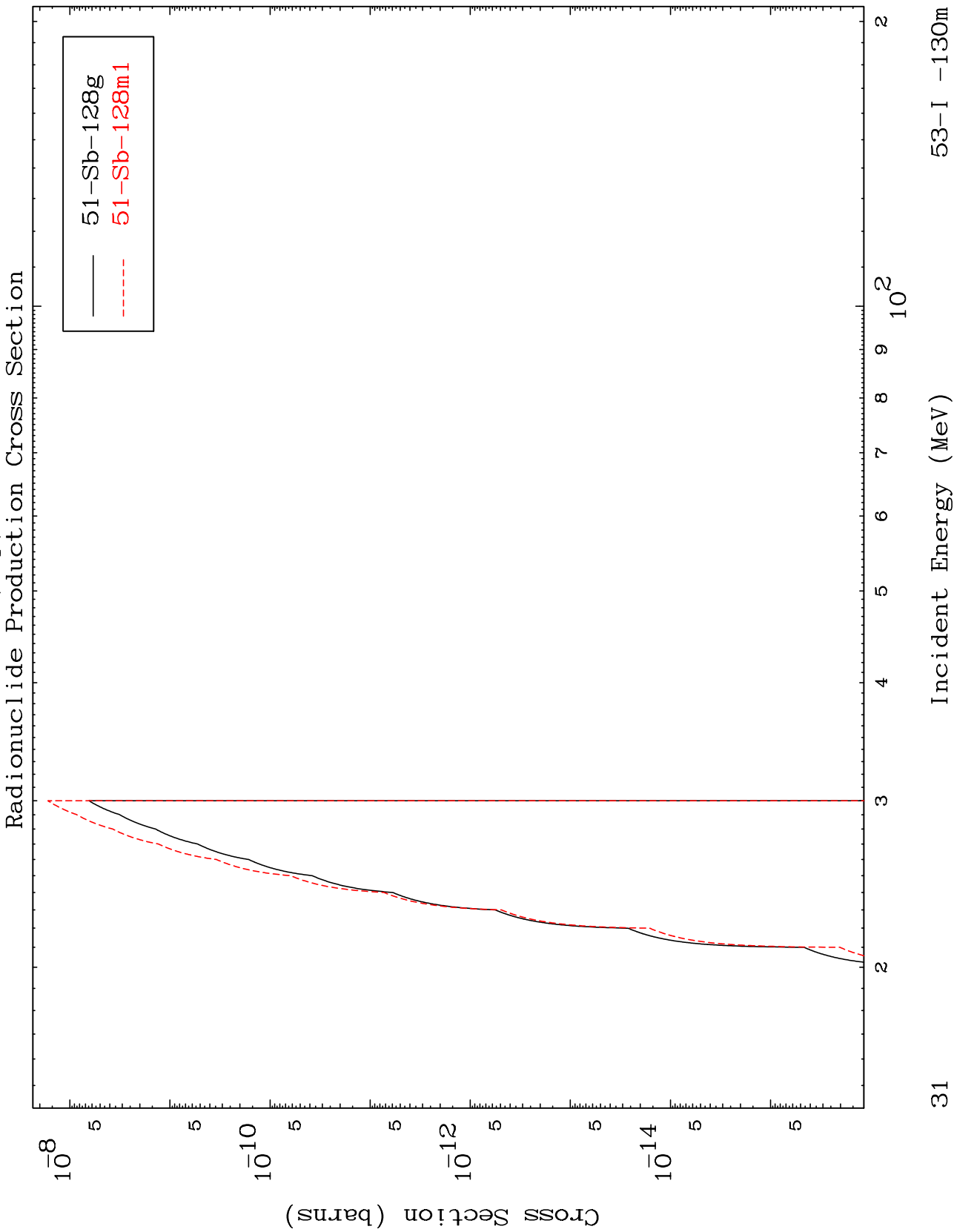
MAT 5335

(n,2α)

53-I -130m

Radionuclide Production Cross Section





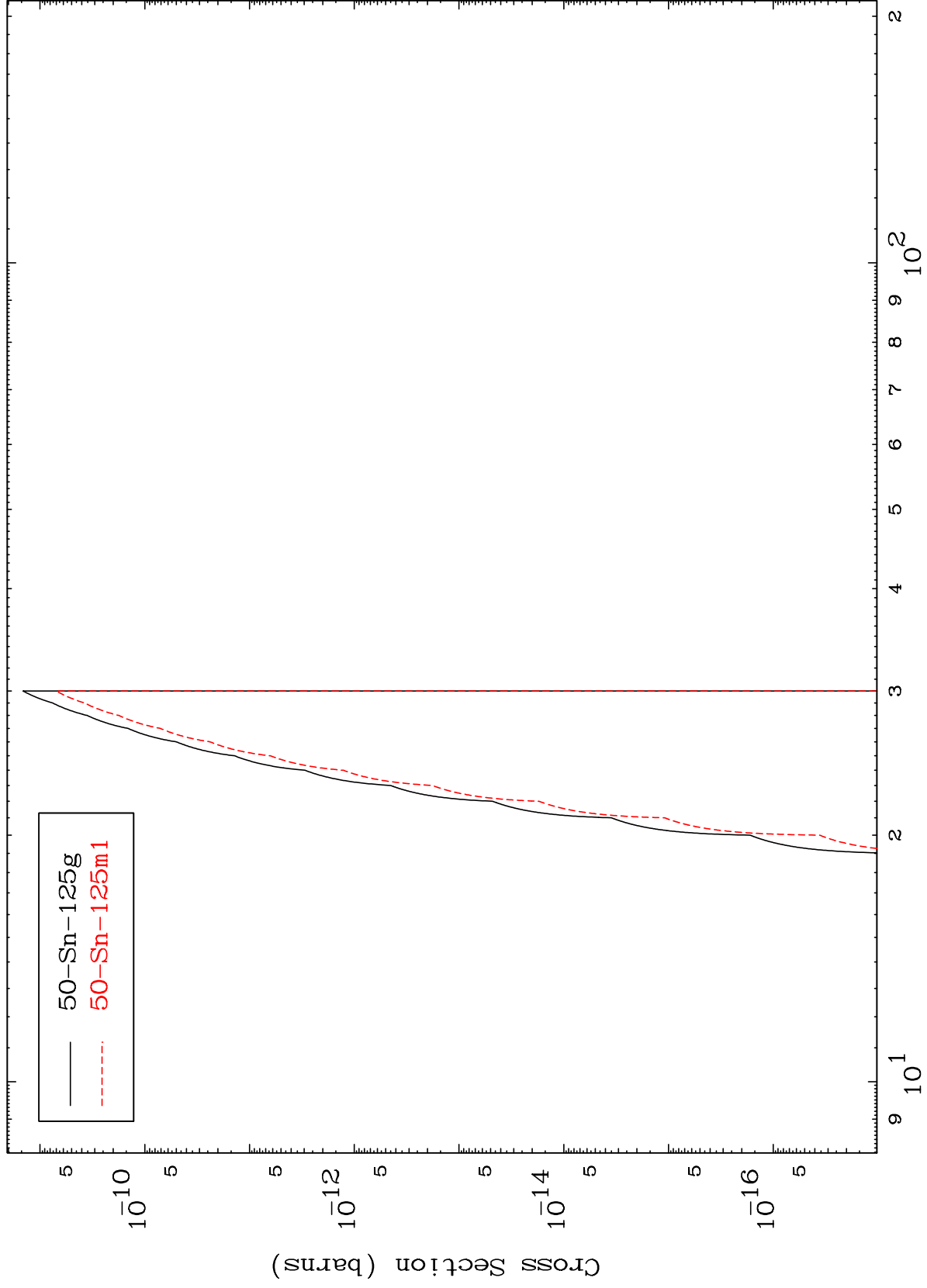


MAT 5335

(n,d)  $\alpha$

53-I -130m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

53-I -130m