

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

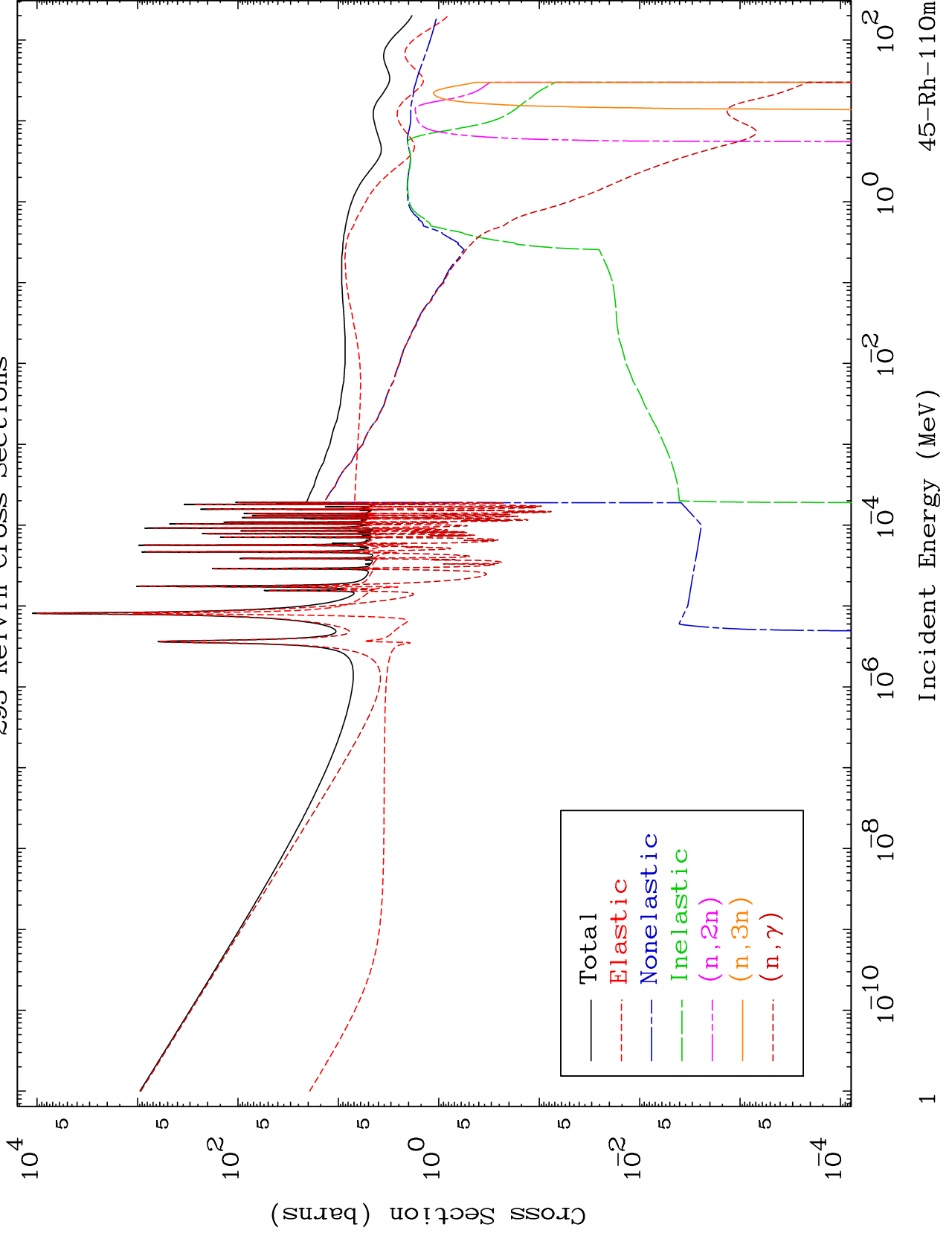
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4547

Neutron Major  
293 Kelvin Cross Sections

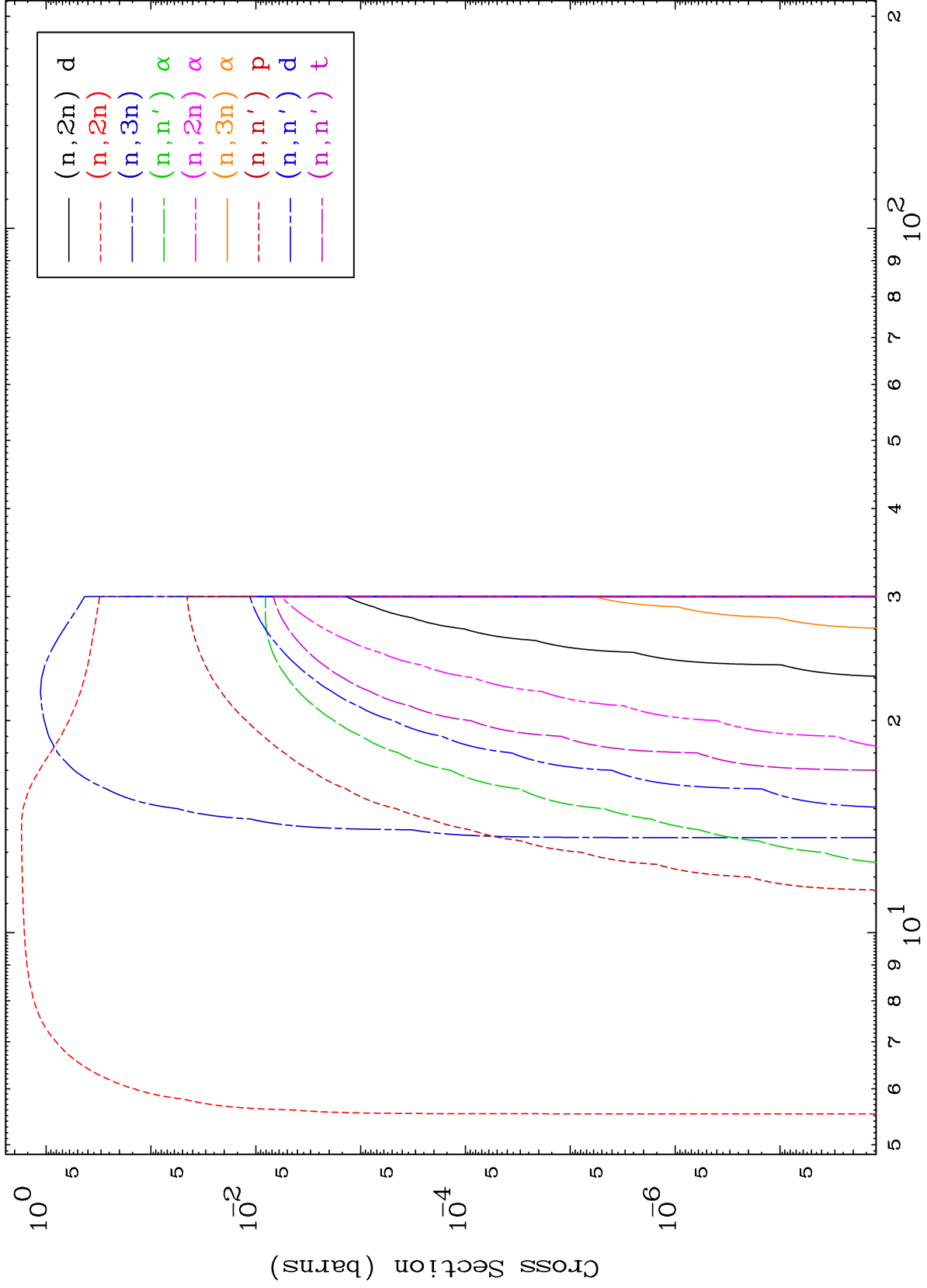
45-Rh-110m



MAT 4547

Neutron Absorption  
293 Kelvin Cross Sections

45-Rh-110m



2

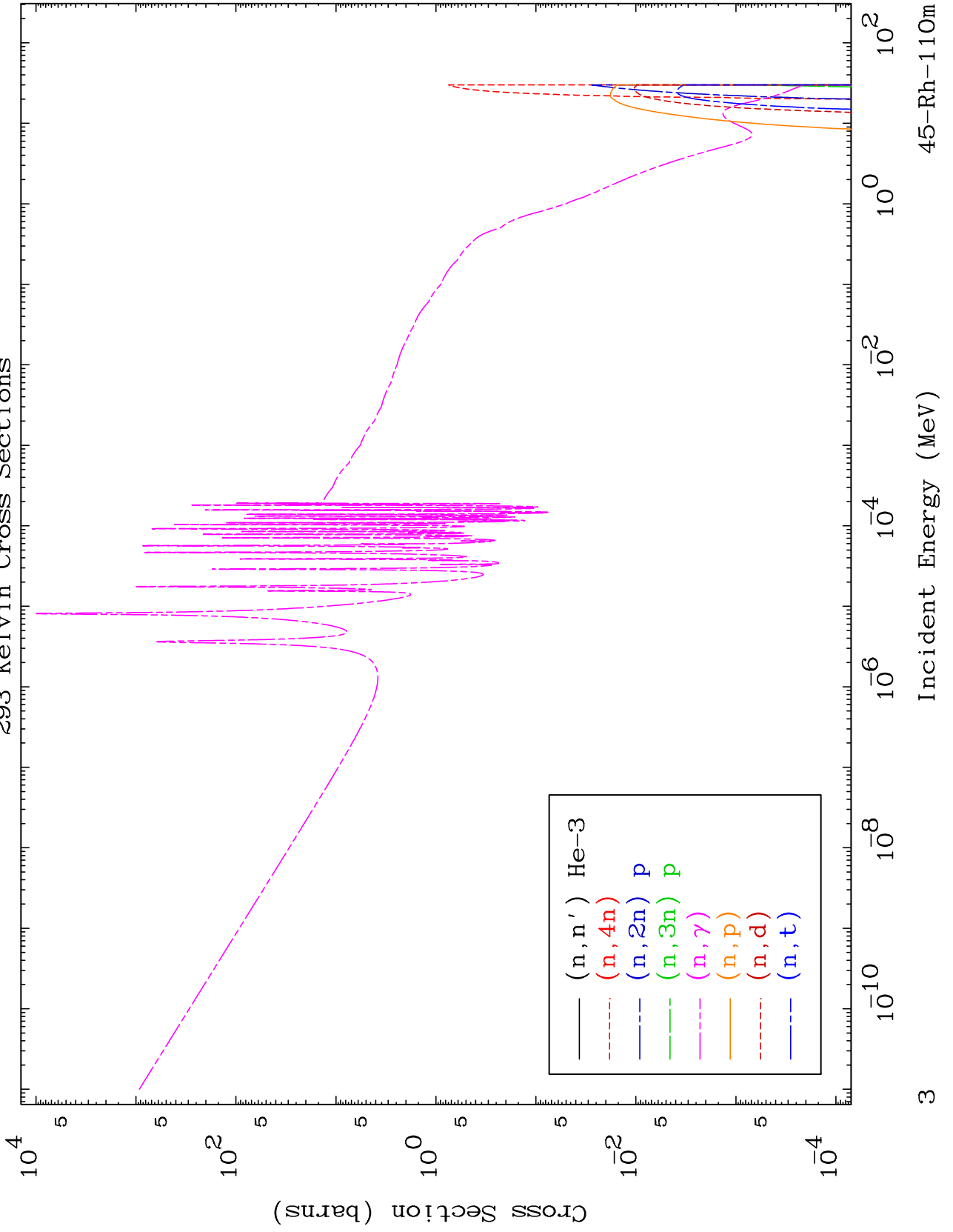
Incident Energy (MeV)

45-Rh-110m

MAT 4547

Neutron Absorption  
293 Kelvin Cross Sections

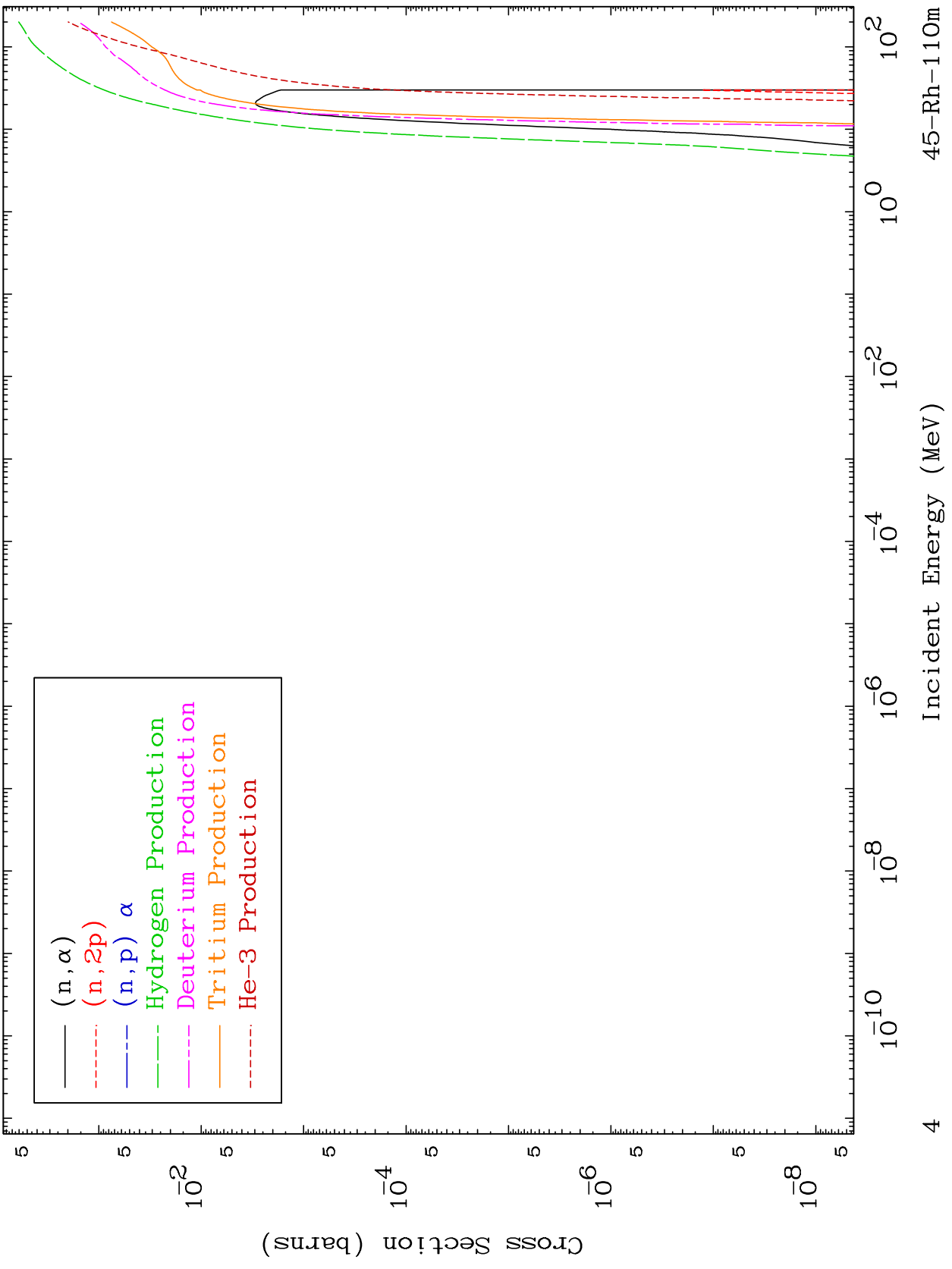
45-Rh-110m



MAT 4547

Neutron Absorption  
293 Kelvin Cross Sections

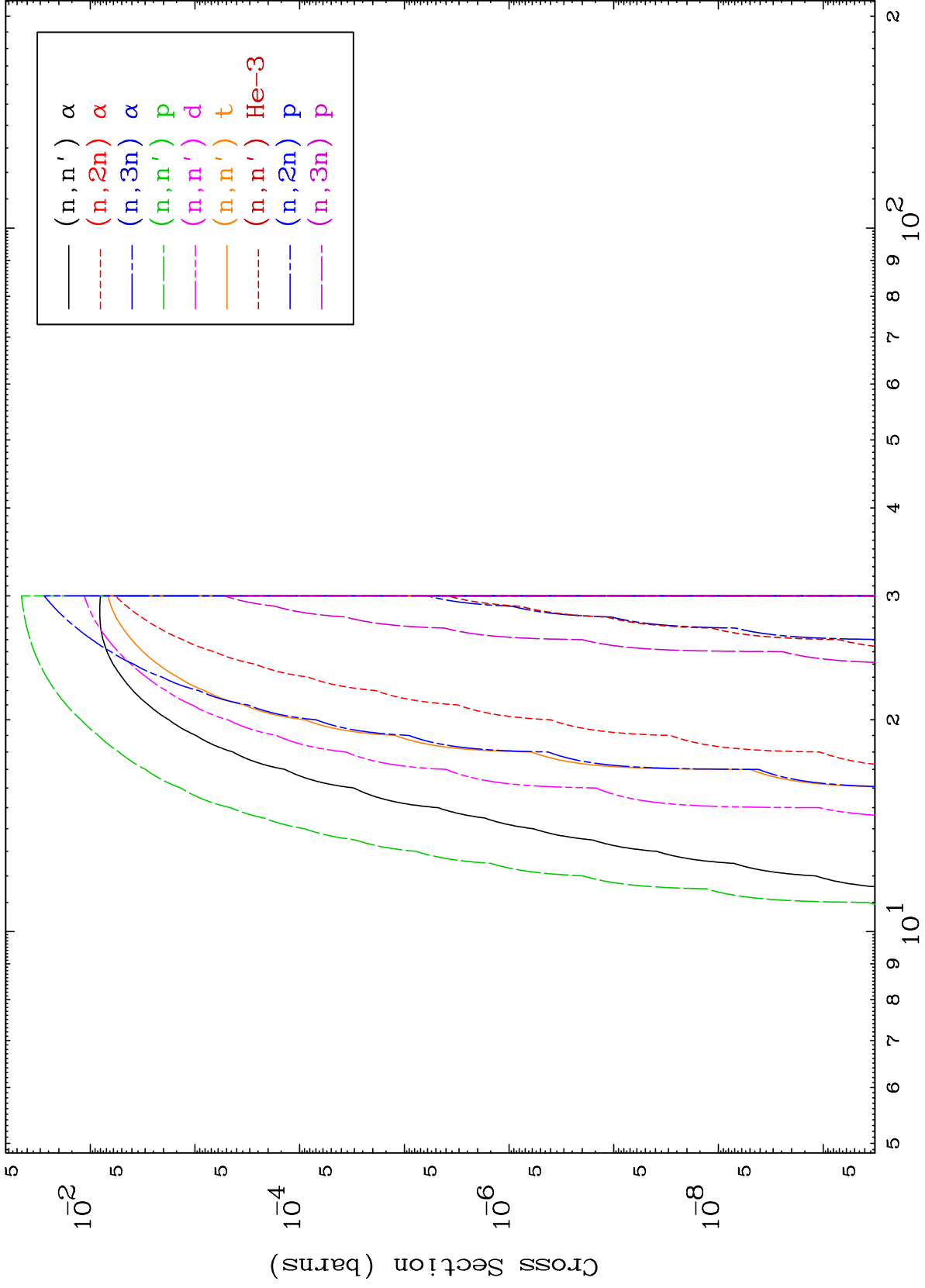
45-Rh-110m



MAT 4547

Charged Particle  
293 Kelvin Cross Sections

45-Rh-110m



5

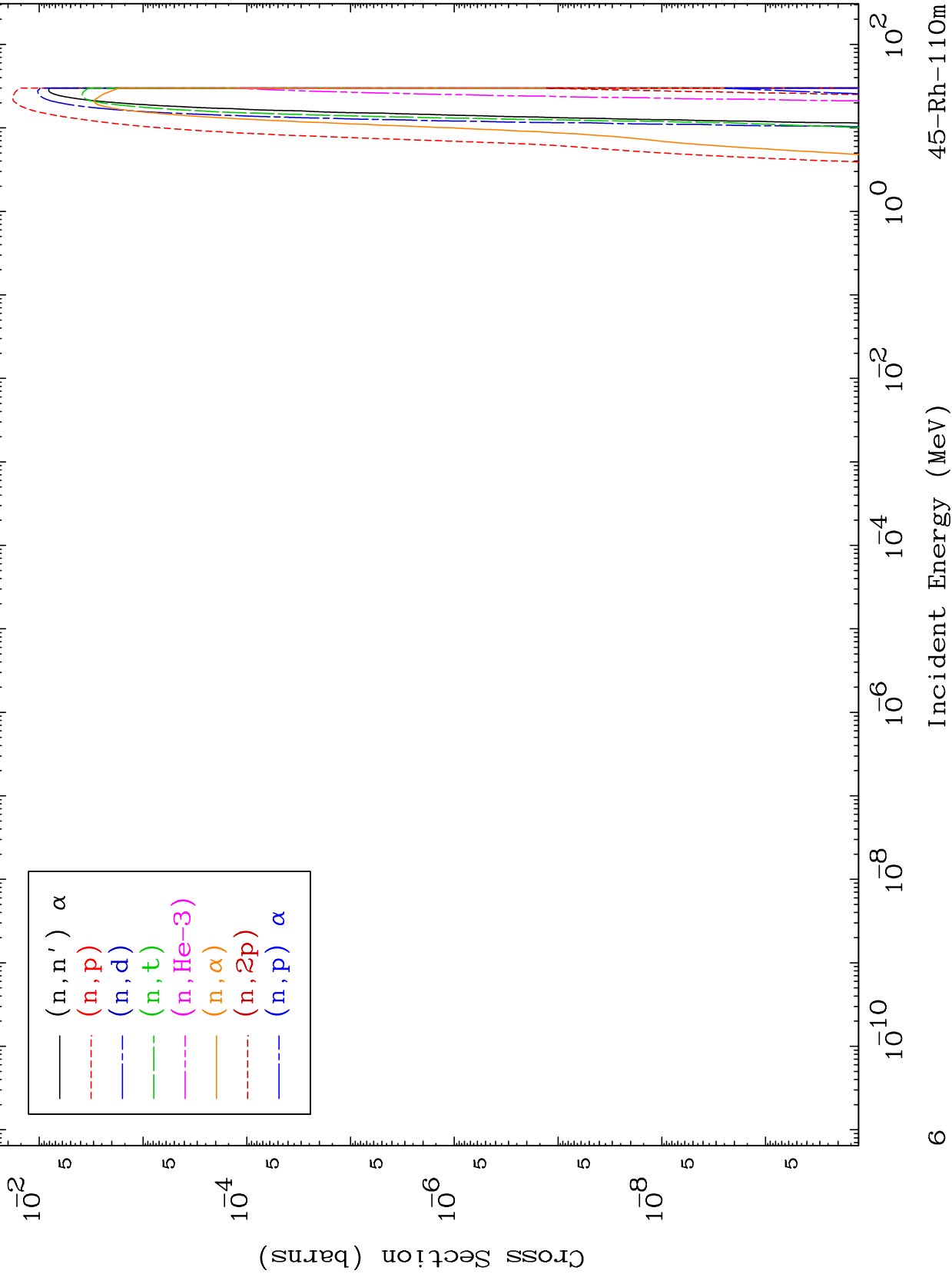
Incident Energy (MeV)

45-Rh-110m

MAT 4547

Charged Particle  
293 Kelvin Cross Sections

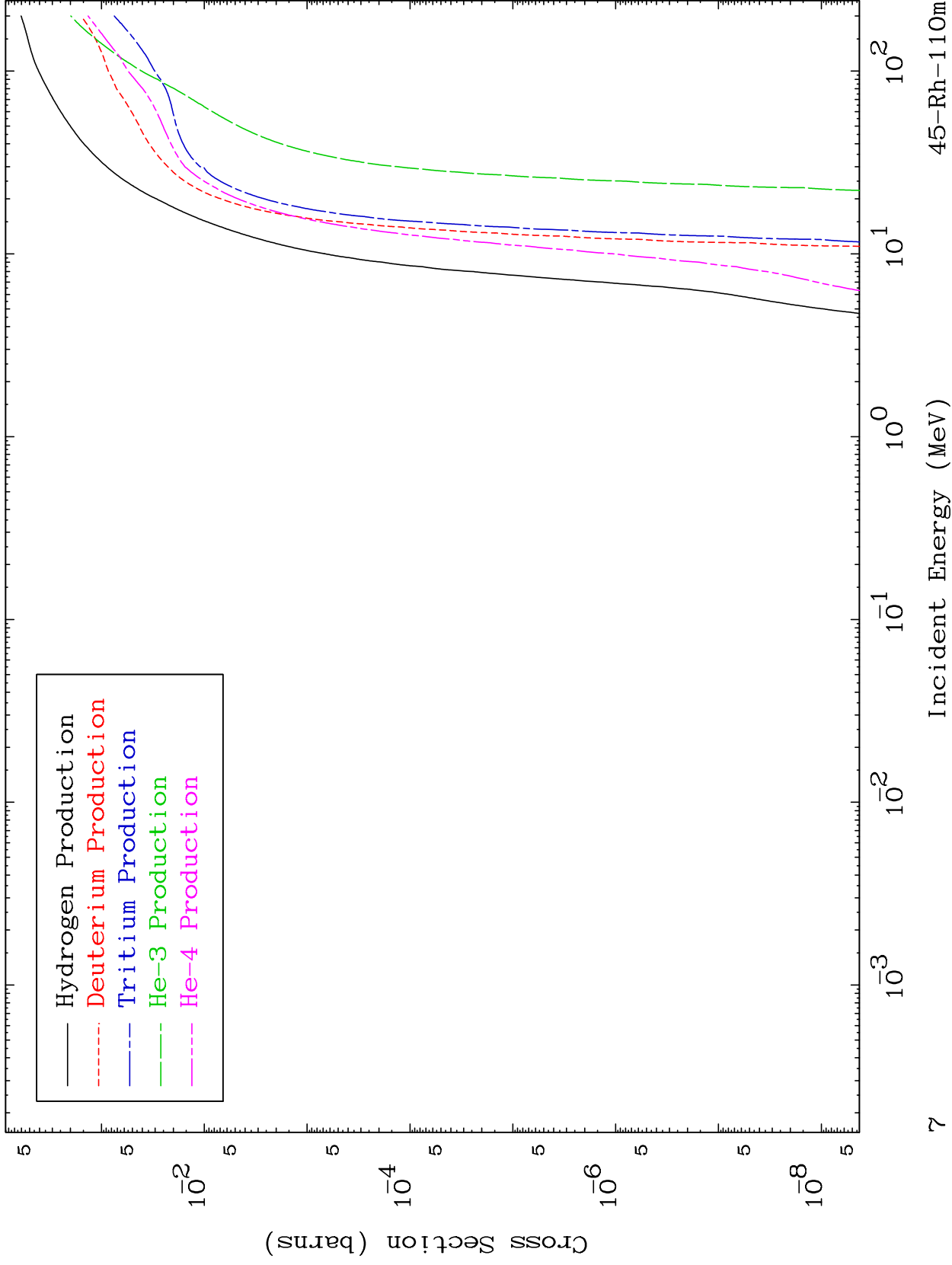
45-Rh-110m



MAT 4547

Particle Production  
293 Kelvin Cross Sections

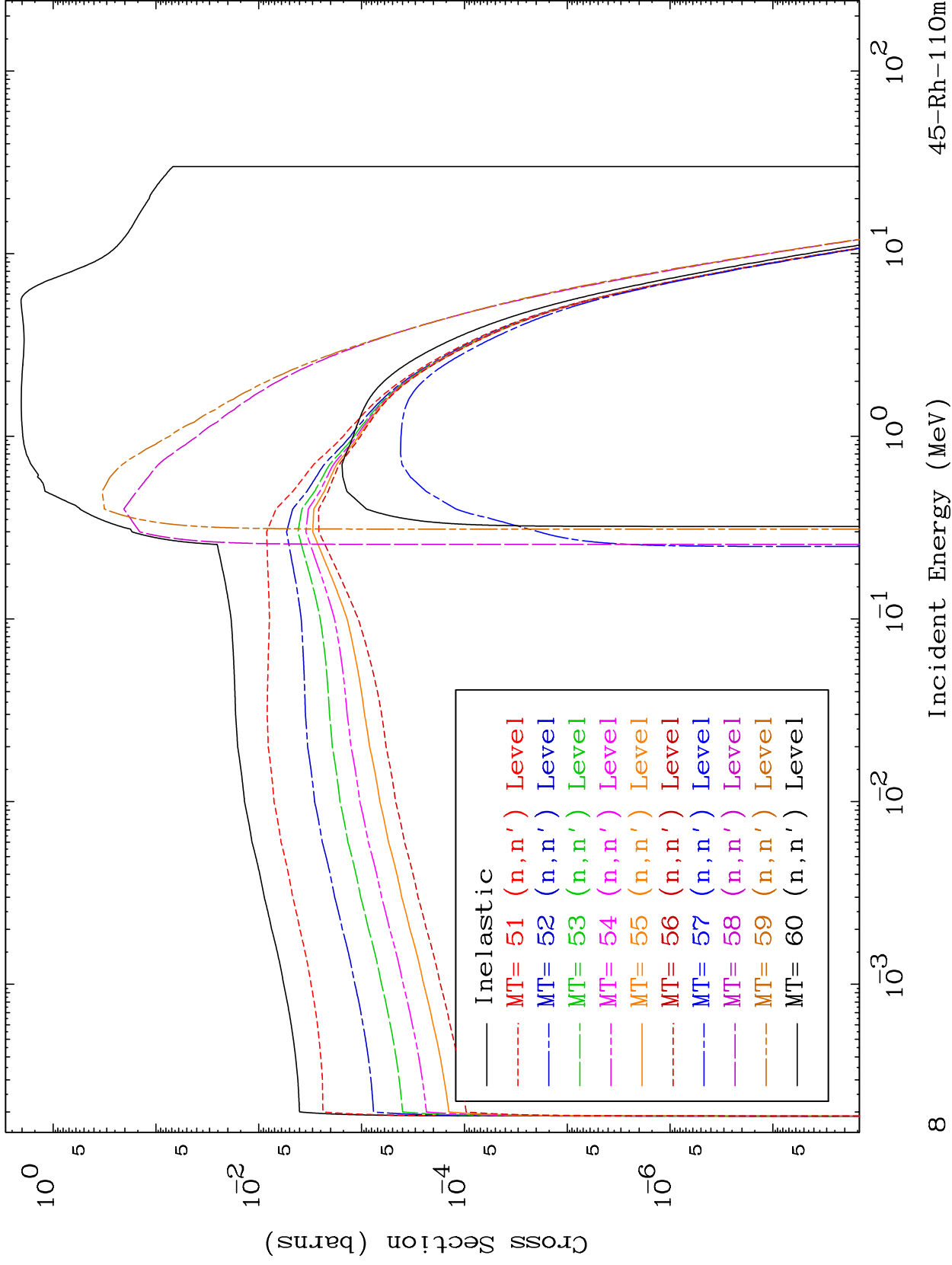
45-Rh-110m



MAT 4547

(n,n') Levels  
293 Kelvin Cross Sections

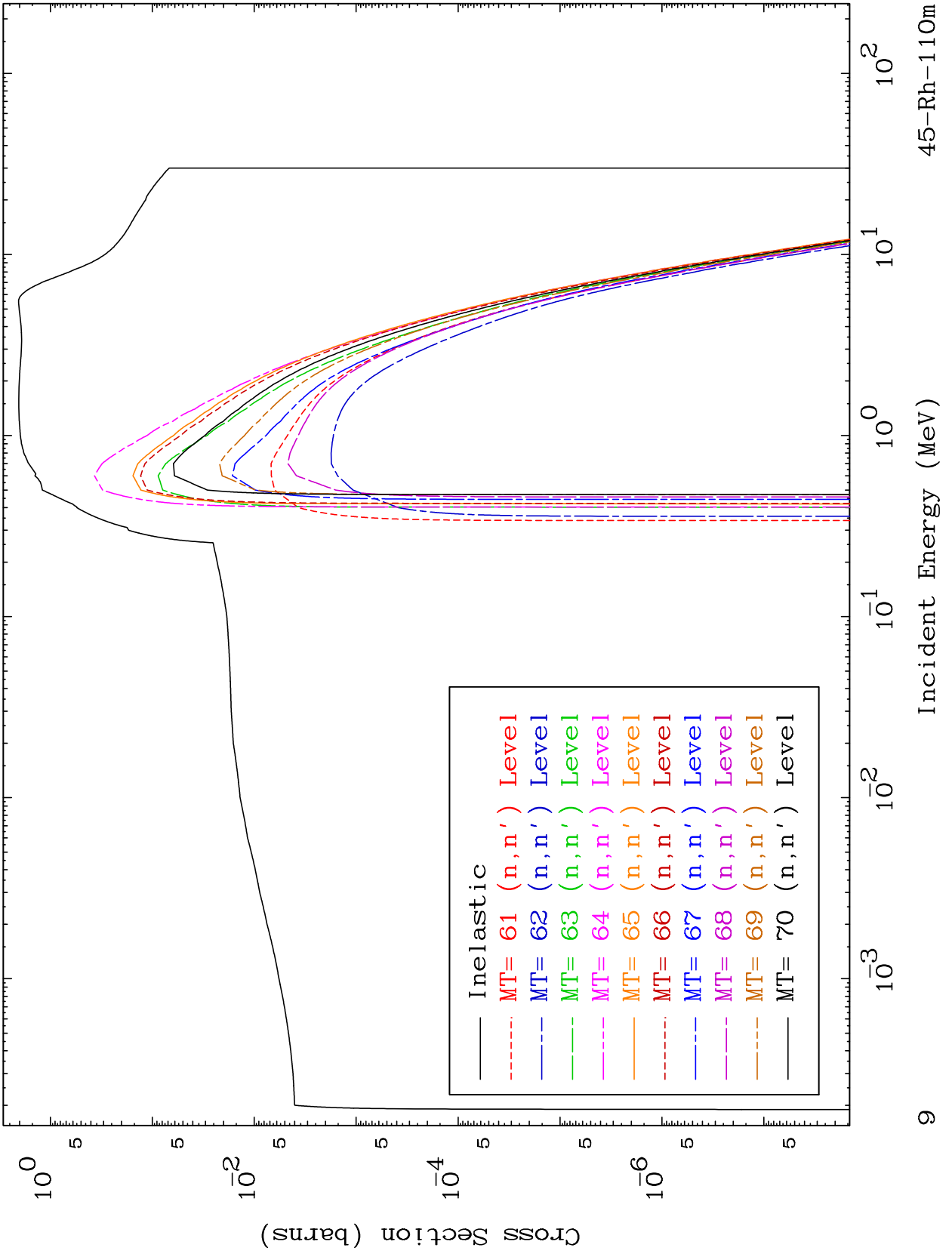
45-Rh-110m



MAT 4547

(n,n') Levels  
293 Kelvin Cross Sections

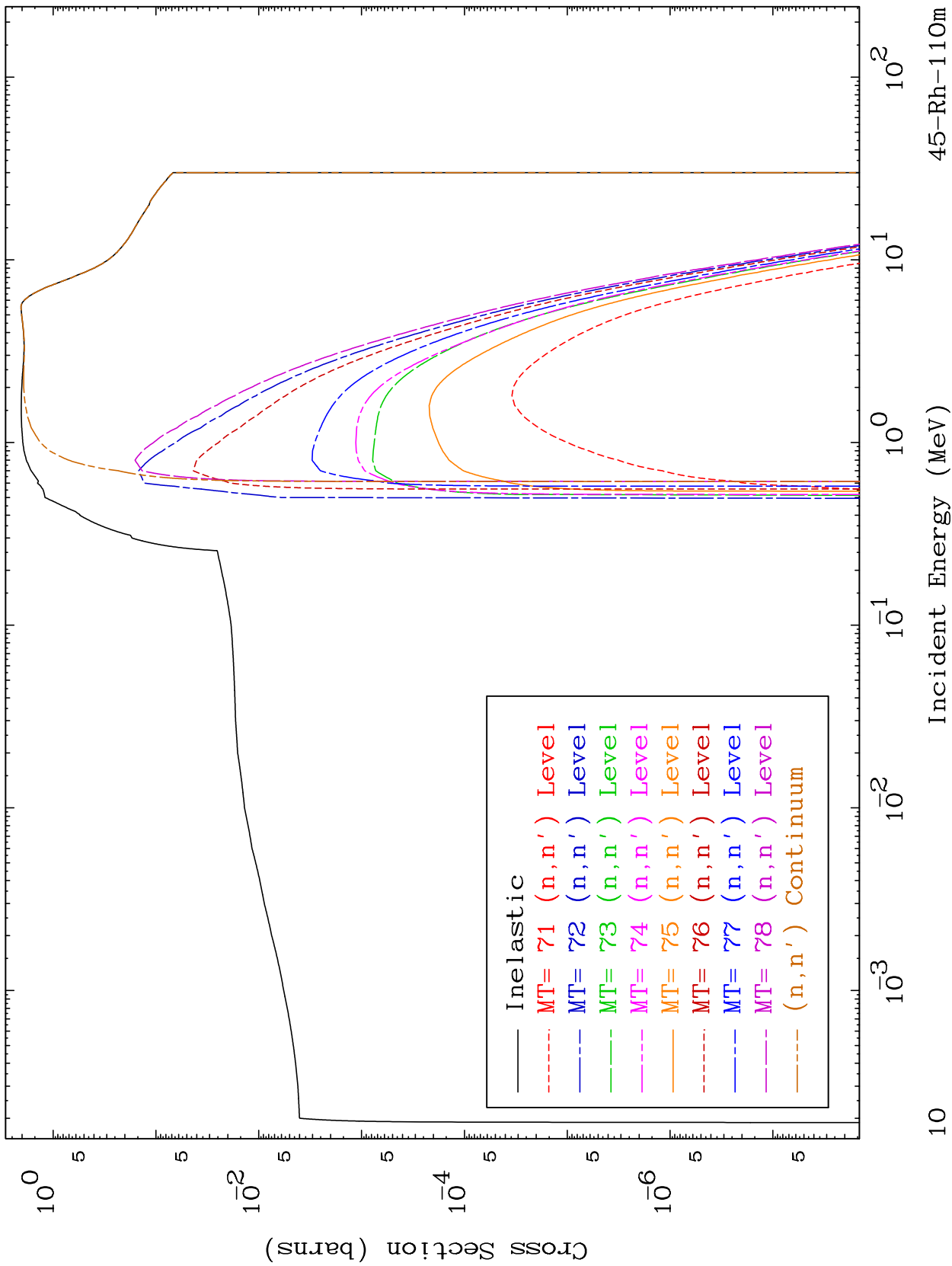
45-Rh-110m



MAT 4547

(n,n') Levels  
293 Kelvin Cross Sections

45-Rh-110m



10

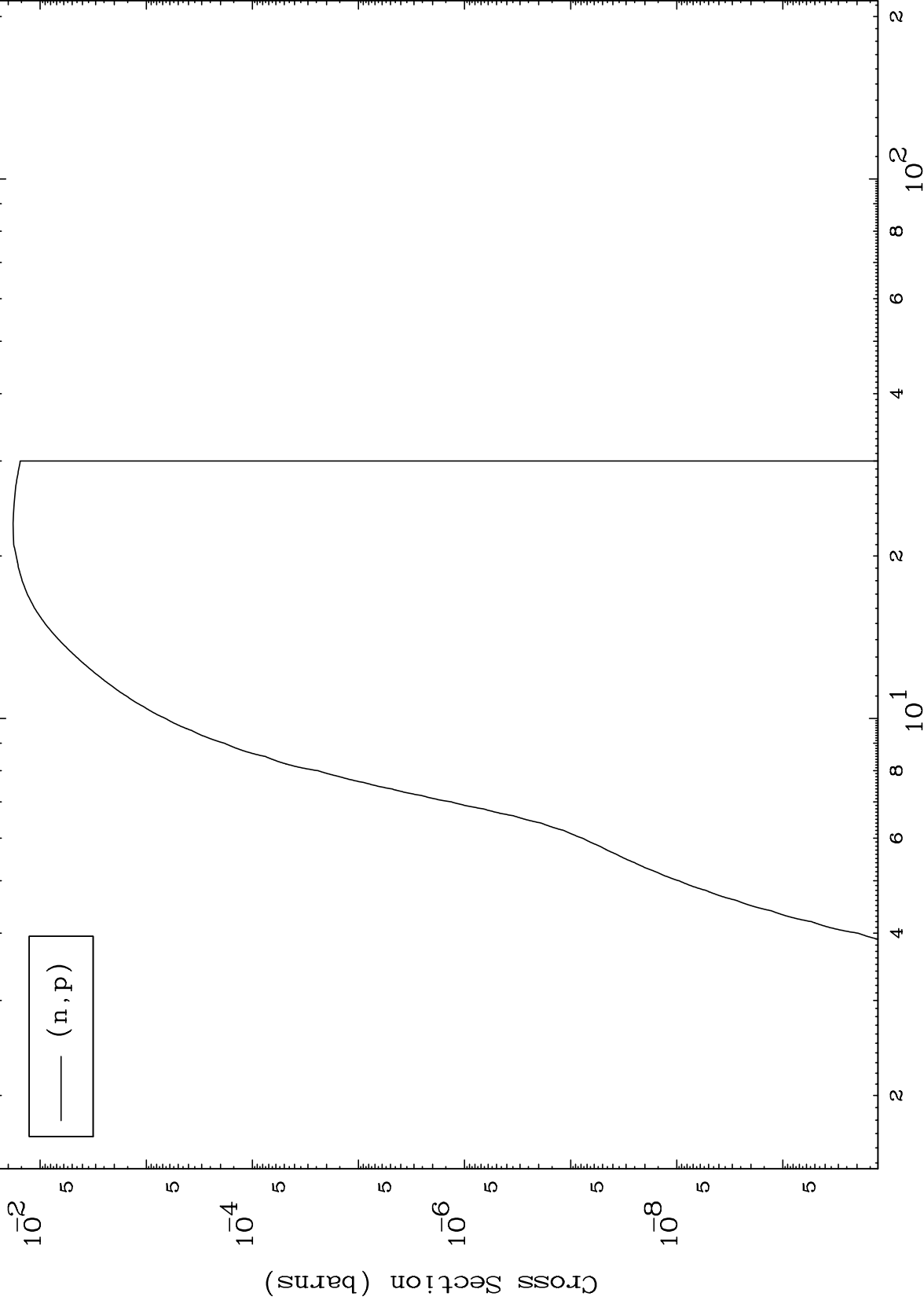
Incident Energy (MeV)

45-Rh-110m

MAT 4547

(n,p) Levels  
293 Kelvin Cross Sections

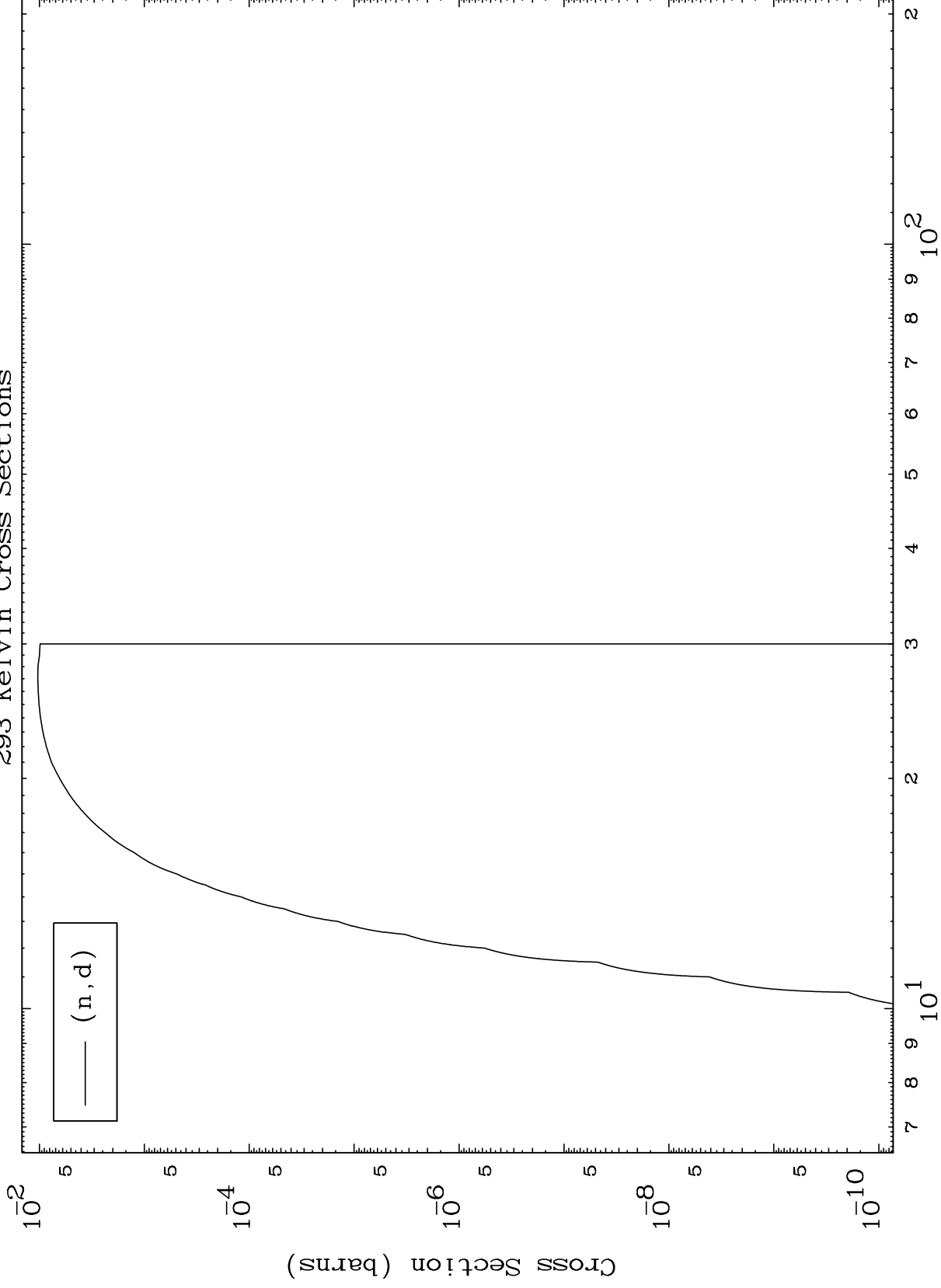
45-Rh-110m



MAT 4547

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-110m



12

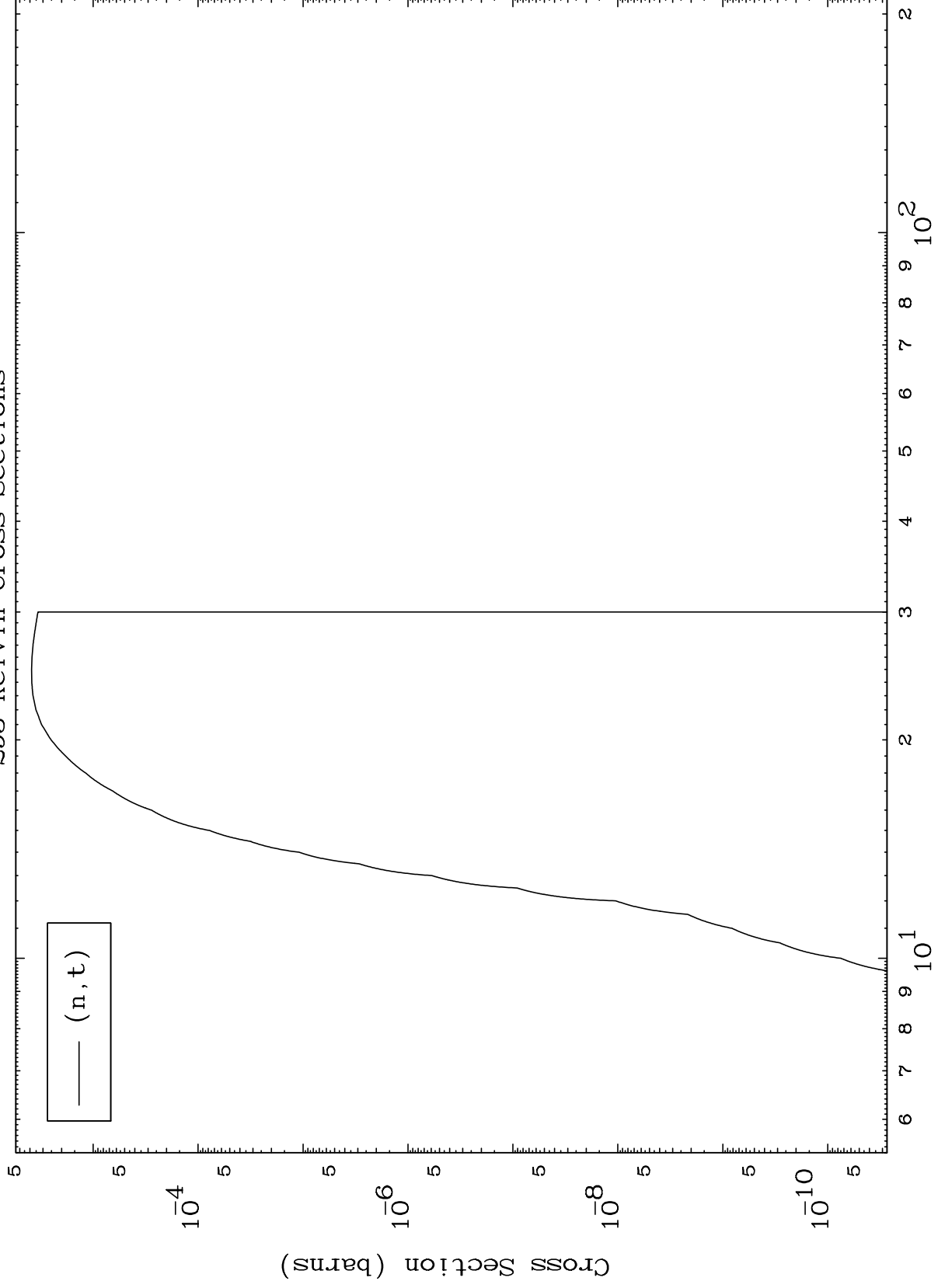
Incident Energy (MeV)

45-Rh-110m

MAT 4547

(n, t) Levels  
293 Kelvin Cross Sections

45-Rh-110m



13

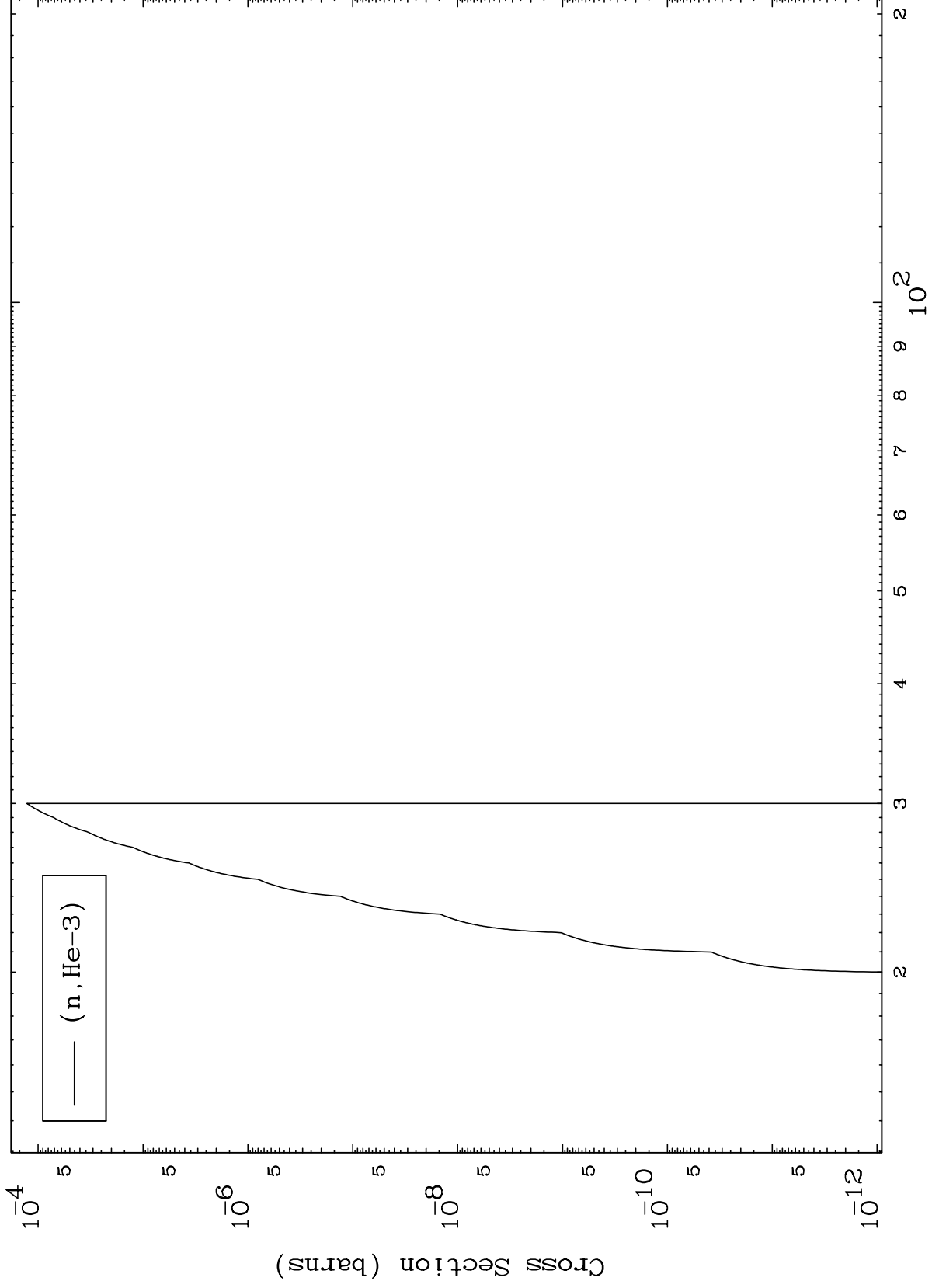
Incident Energy (MeV)

45-Rh-110m

MAT 4547

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-110m



14

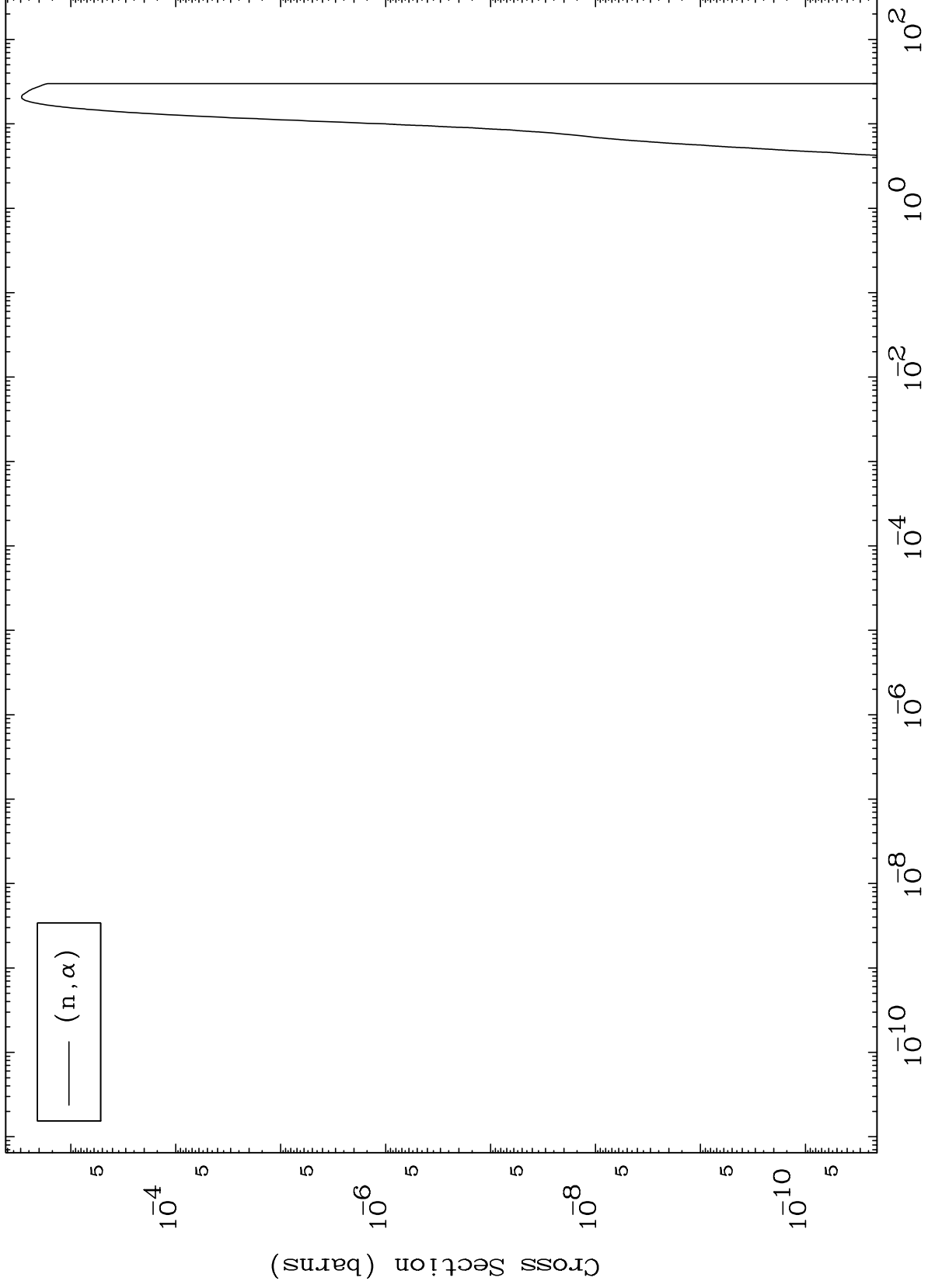
Incident Energy (MeV)

45-Rh-110m

MAT 4547

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

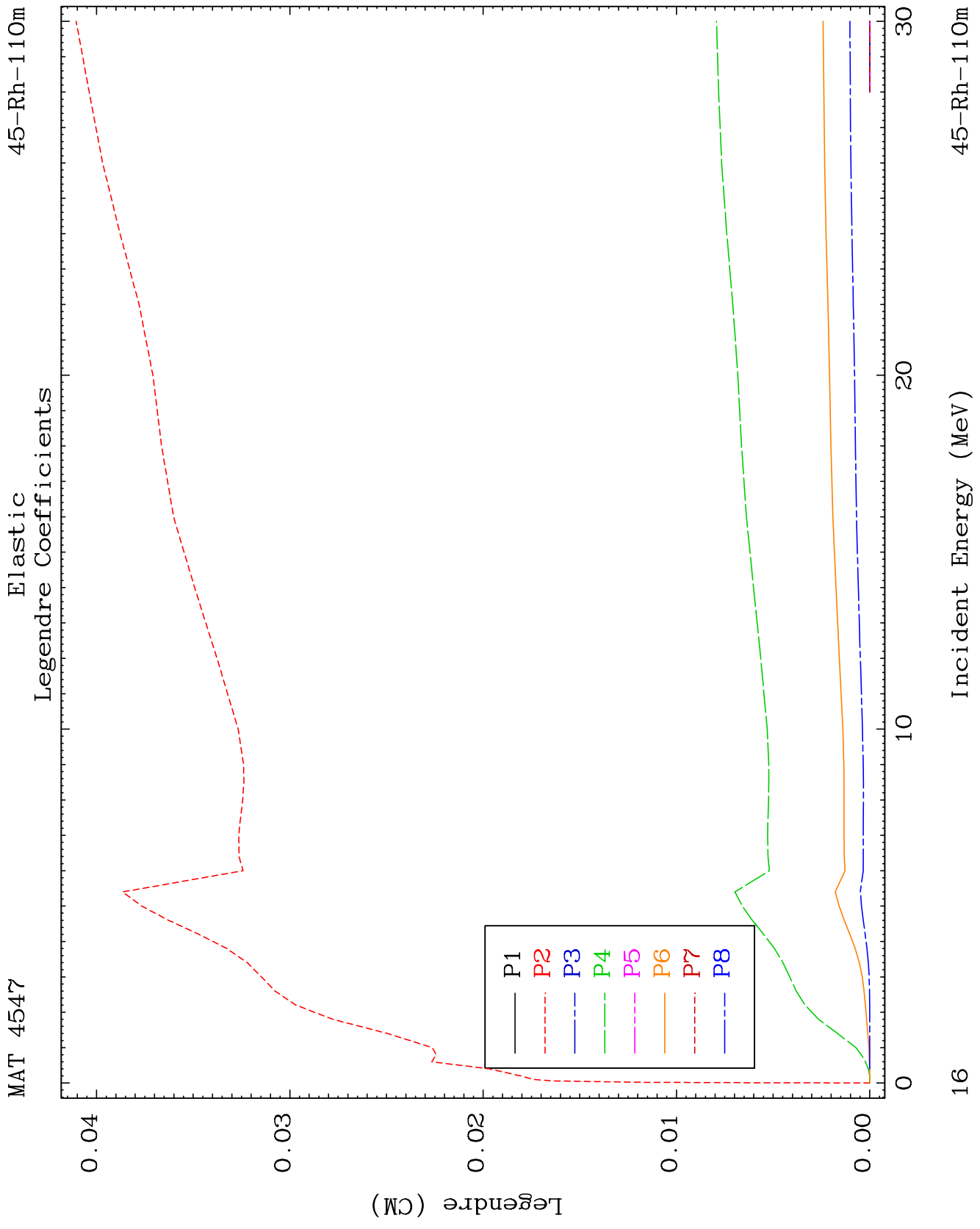
45-Rh-110m



15

45-Rh-110m

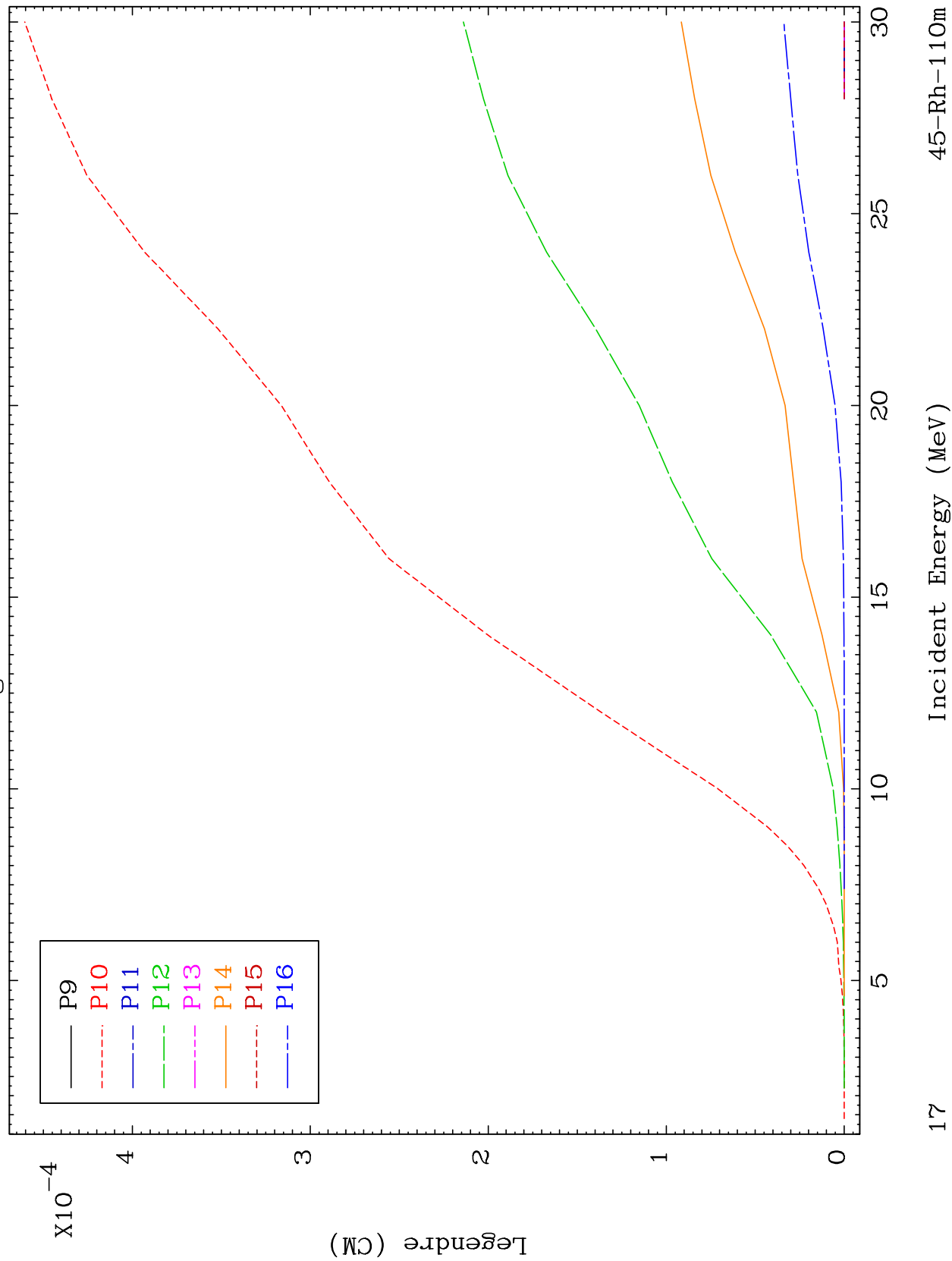
Incident Energy (MeV)



MAT 4547

Elastic Legendre Coefficients

45-Rh-110m



17

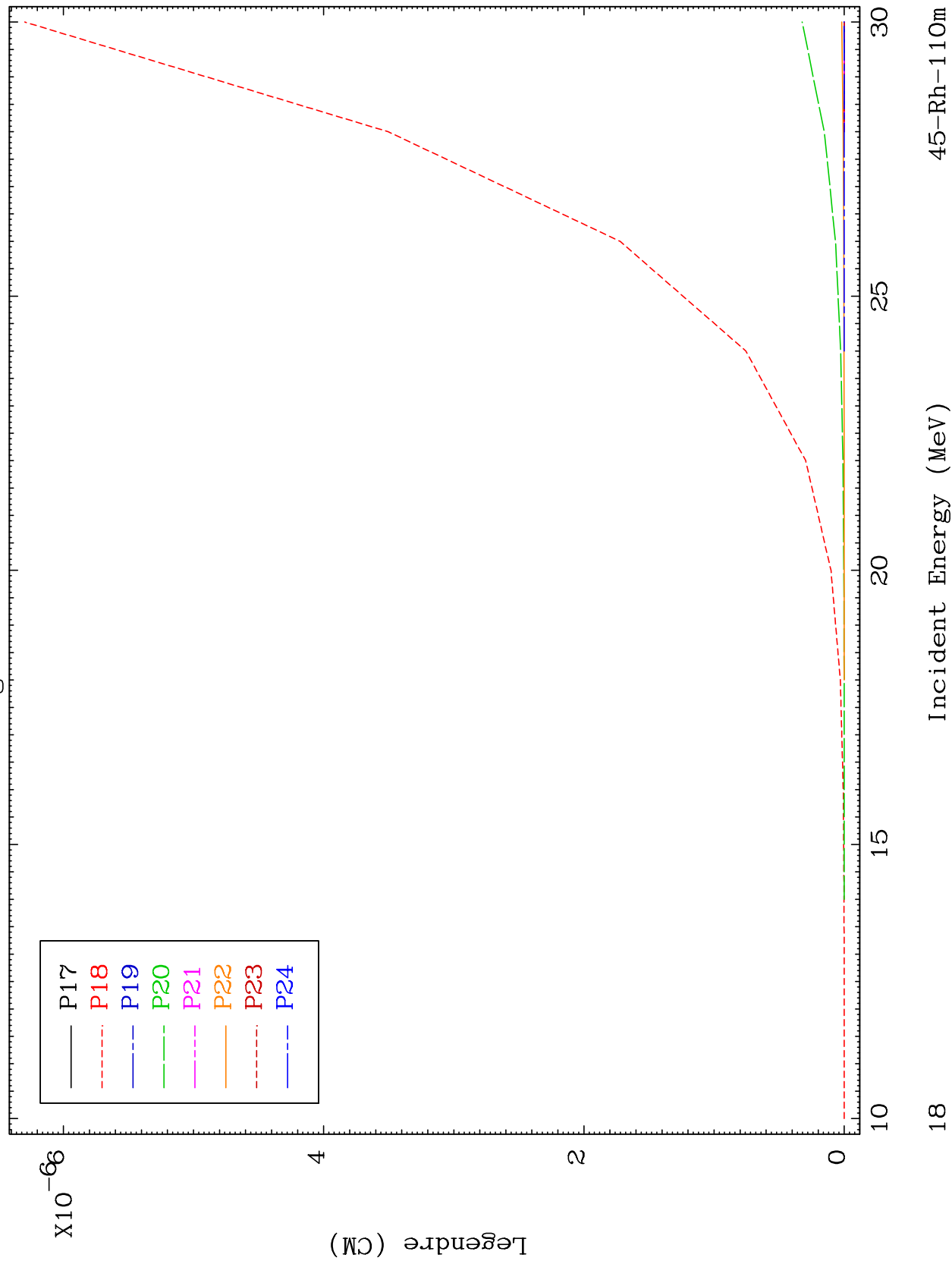
45-Rh-110m

Incident Energy (MeV)

MAT 4547

### Elastic Legendre Coefficients

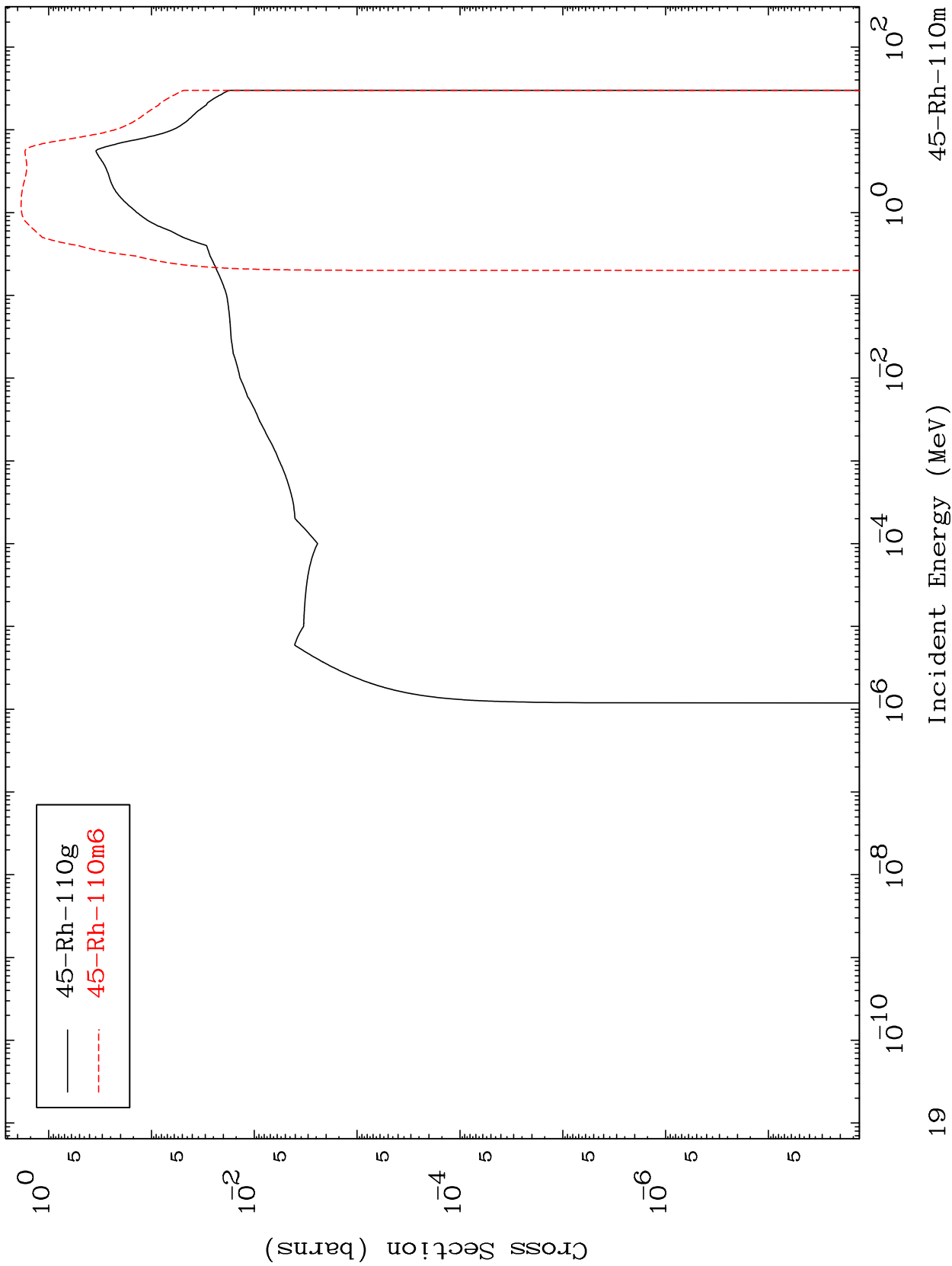
45-Rh-110m



MAT 4547

45-Rh-110m

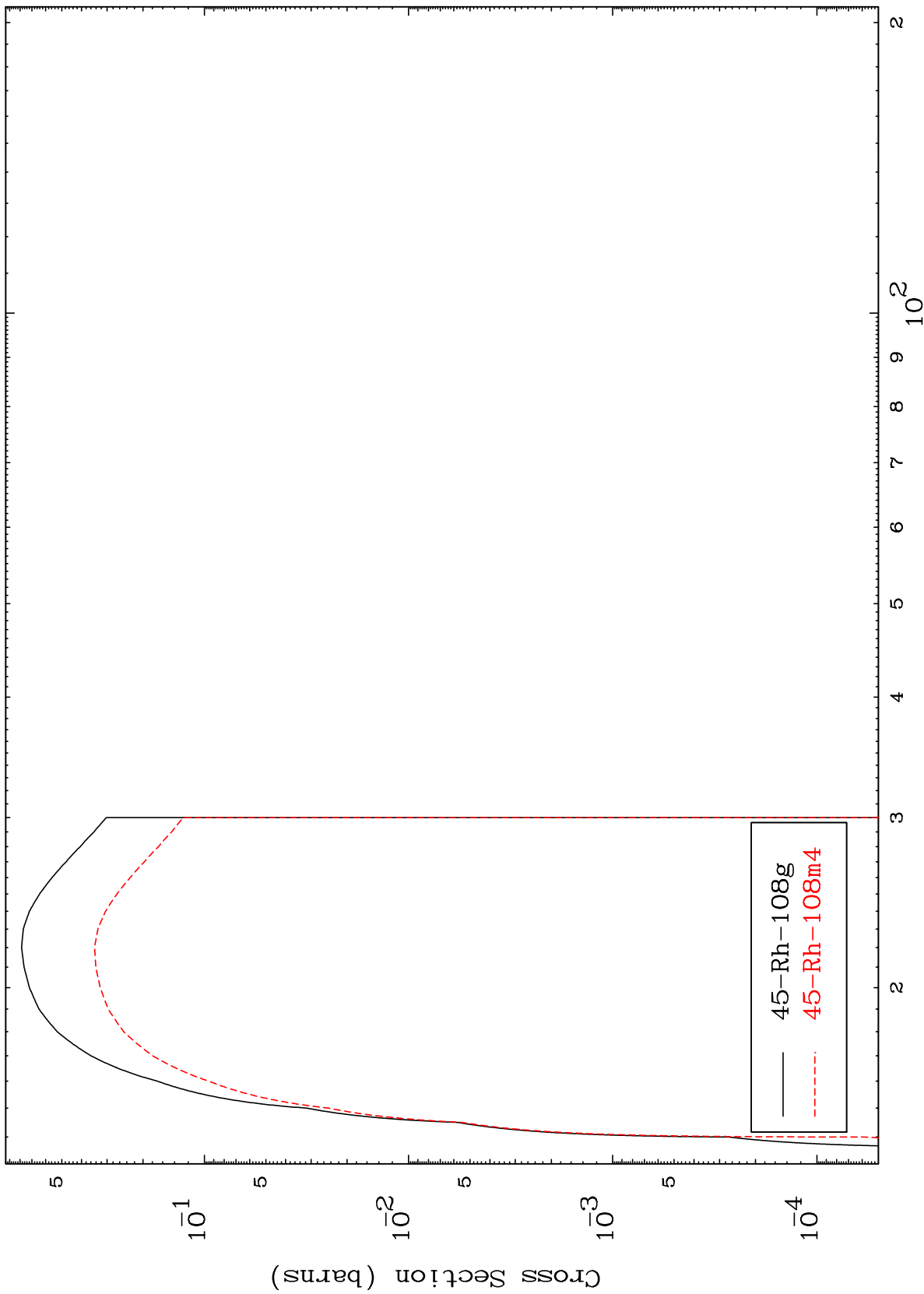
Inelastic  
Radionuclide Production Cross Section



MAT 4547

45-Rh-110m

(n,3n)  
Radionuclide Production Cross Section



45-Rh-110m

Incident Energy (MeV)

20