

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

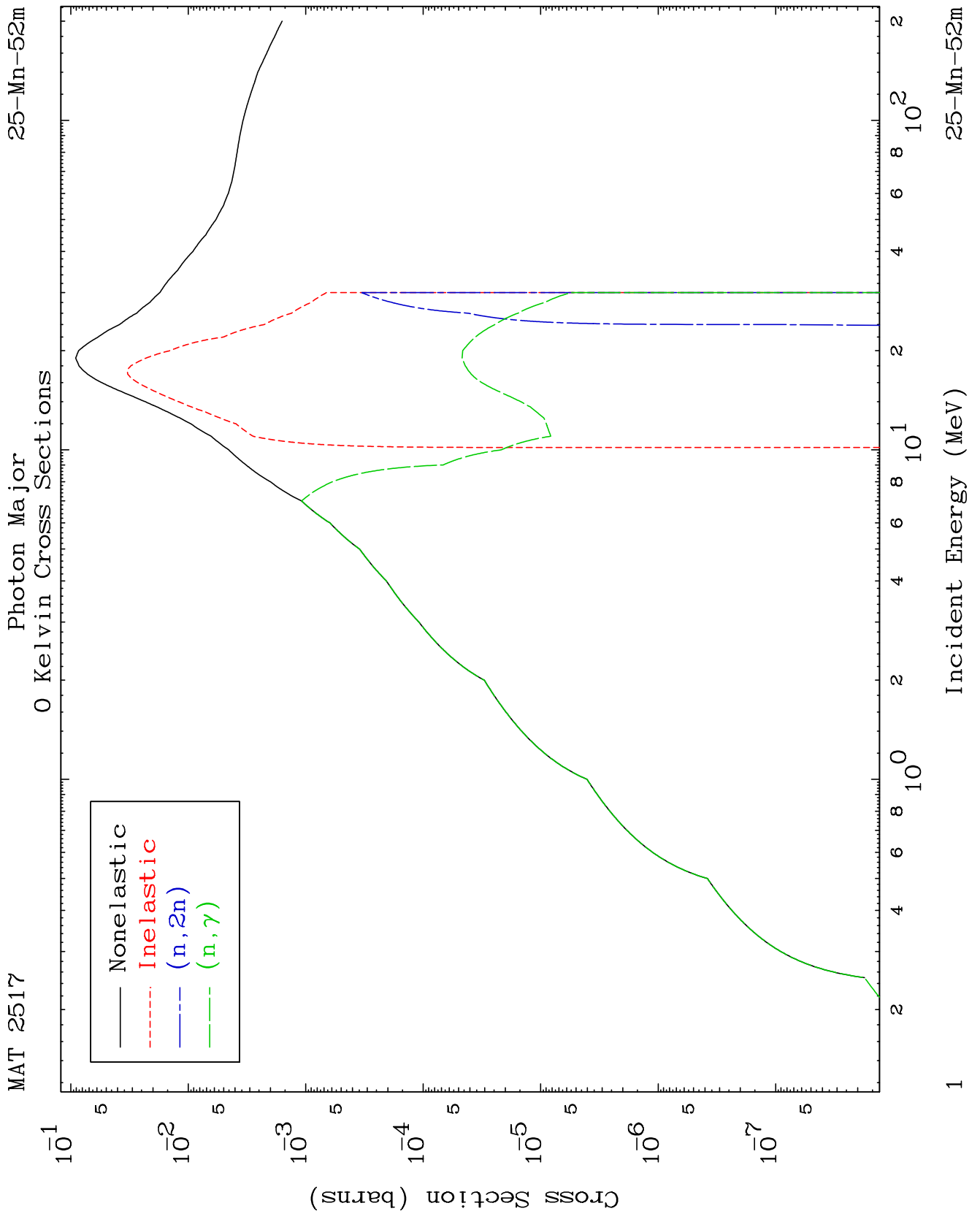
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

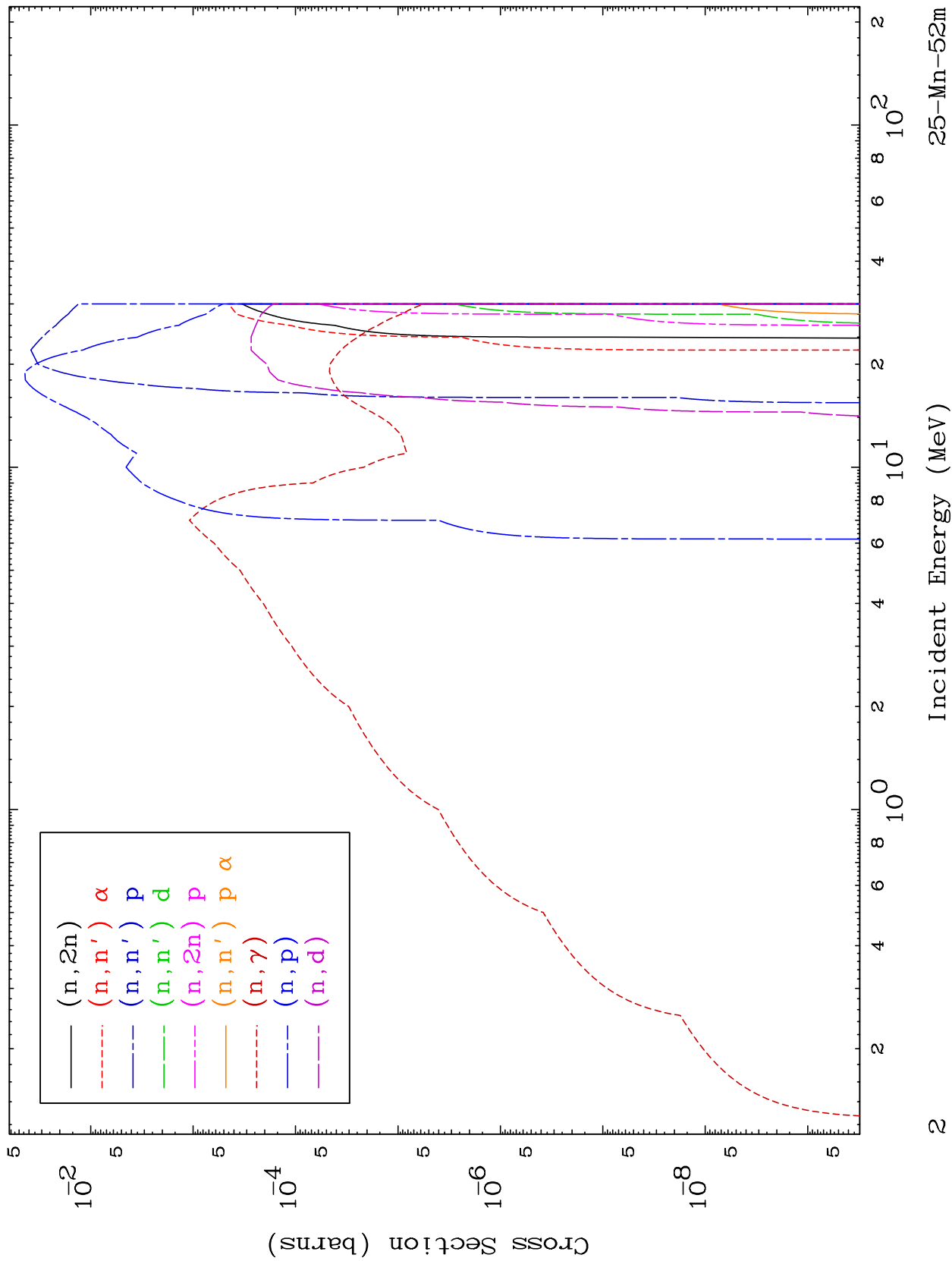
Press Mouse Button to Start



MAT 2517

Photon Neutron Absorption  
0 Kelvin Cross Sections

25-Mn-52m



25-Mn-52m

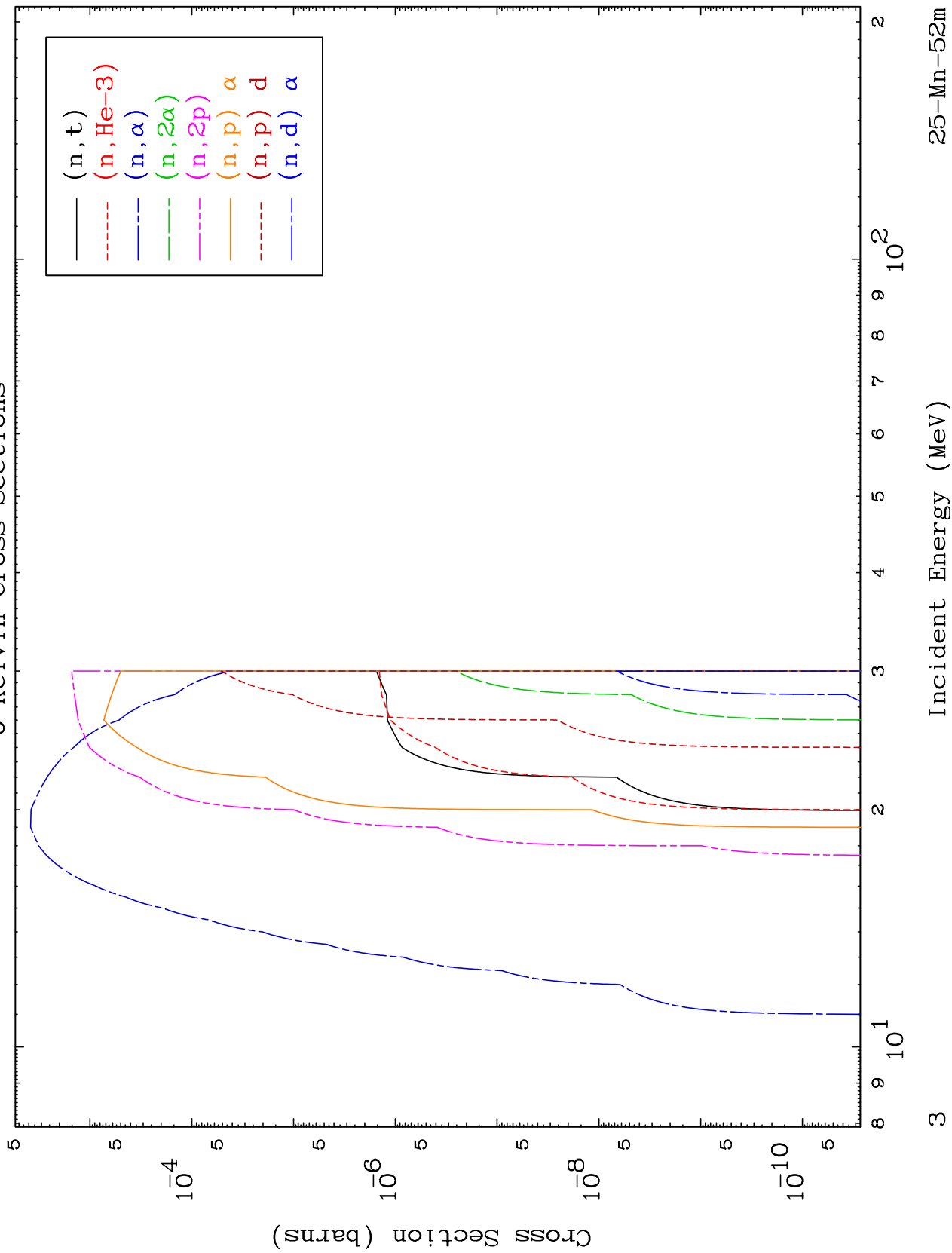
Incident Energy (MeV)

2

MAT 2517

Photon Neutron Absorption  
0 Kelvin Cross Sections

25-Mn-52m



25-Mn-52m

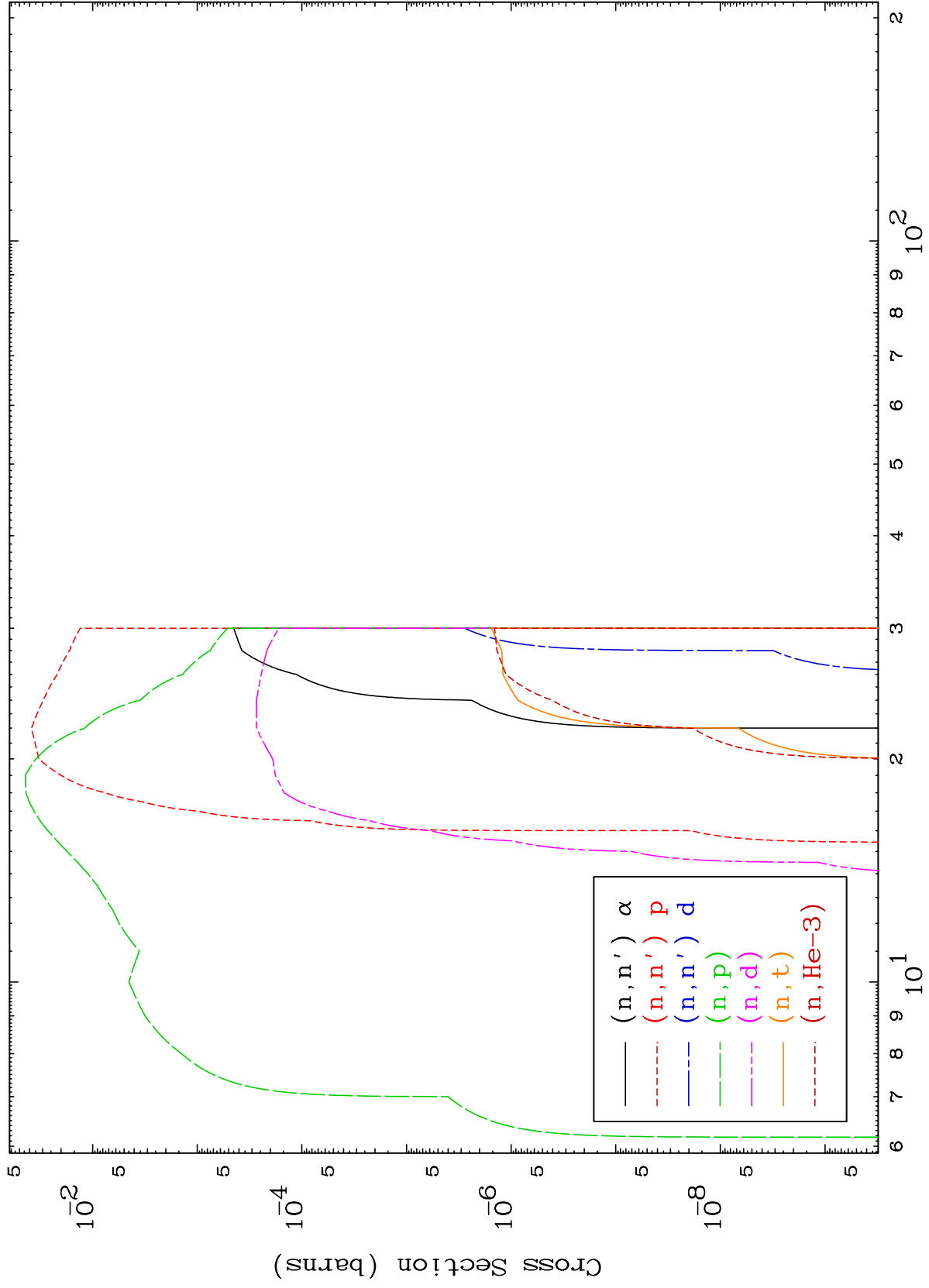
Incident Energy (MeV)

3

MAT 2517

Photon Charged Particle  
0 Kelvin Cross Sections

25-Mn-52m



25-Mn-52m

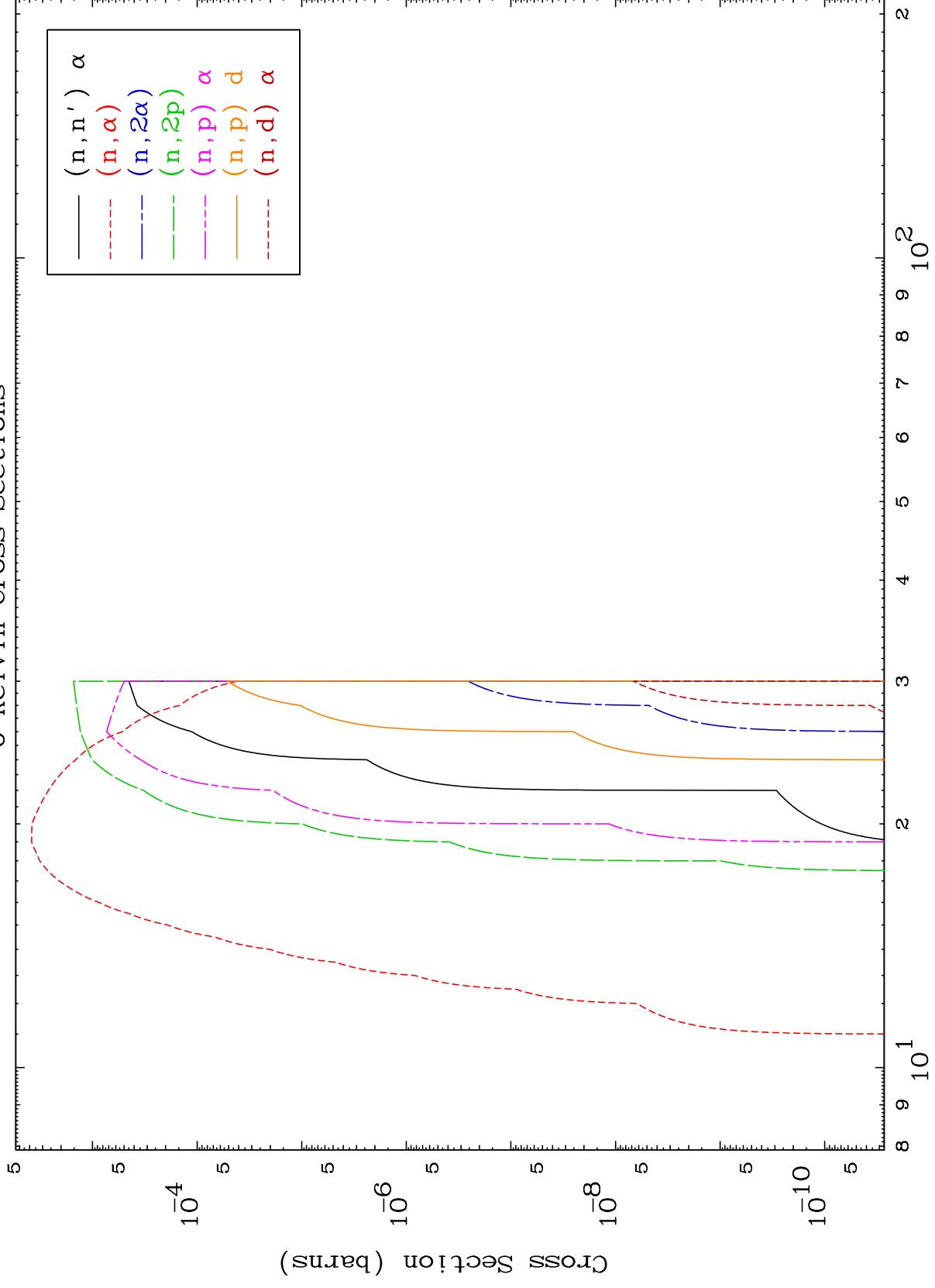
Incident Energy (MeV)

4

MAT 2517

Photon Charged Particle  
0 Kelvin Cross Sections

25-Mn-52m



25-Mn-52m

Incident Energy (MeV)

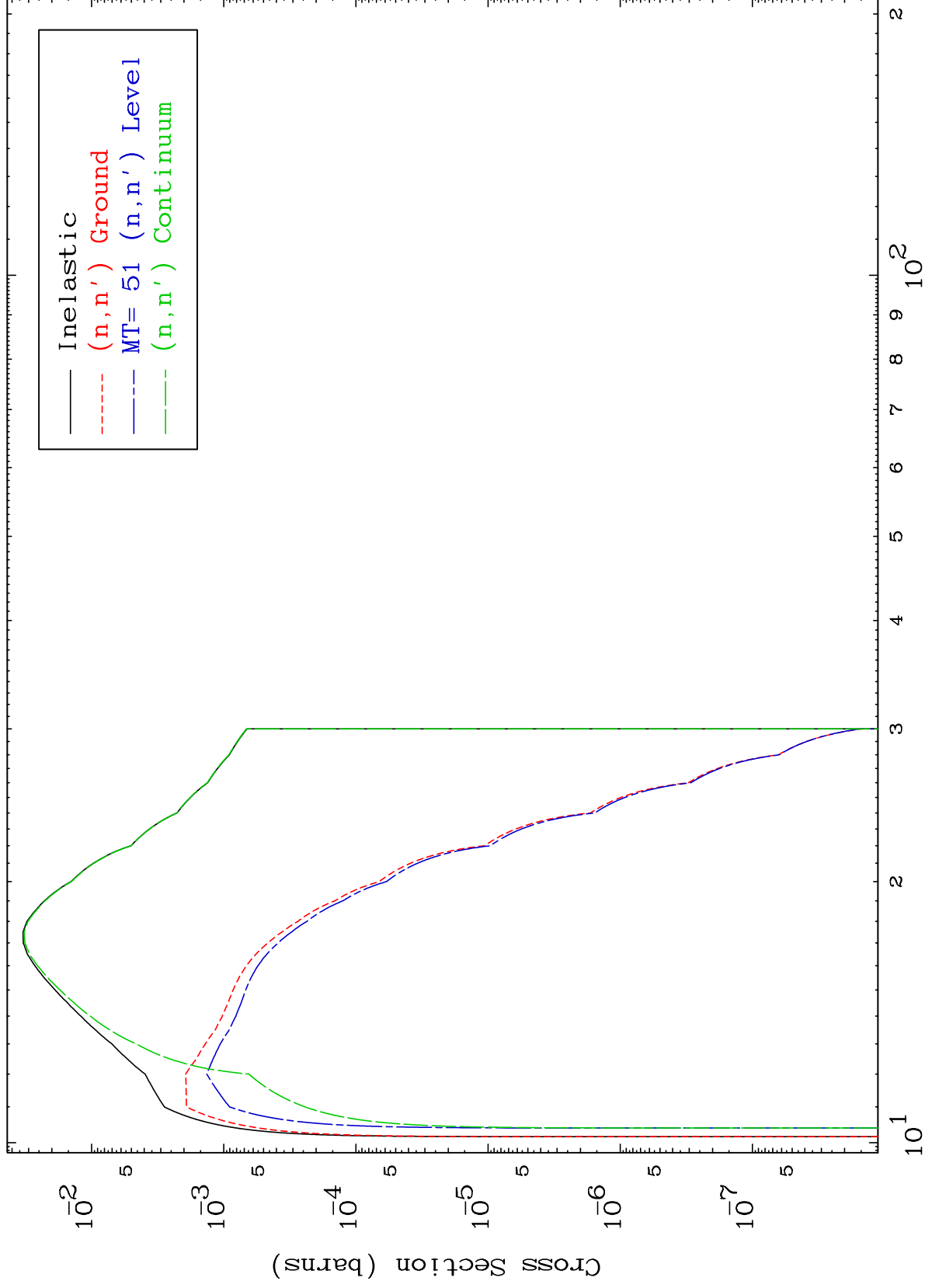
5

MAT 2517

( $\gamma, n'$ ) Levels

25-Mn-52m

0 Kelvin Cross Sections



Incident Energy (MeV)

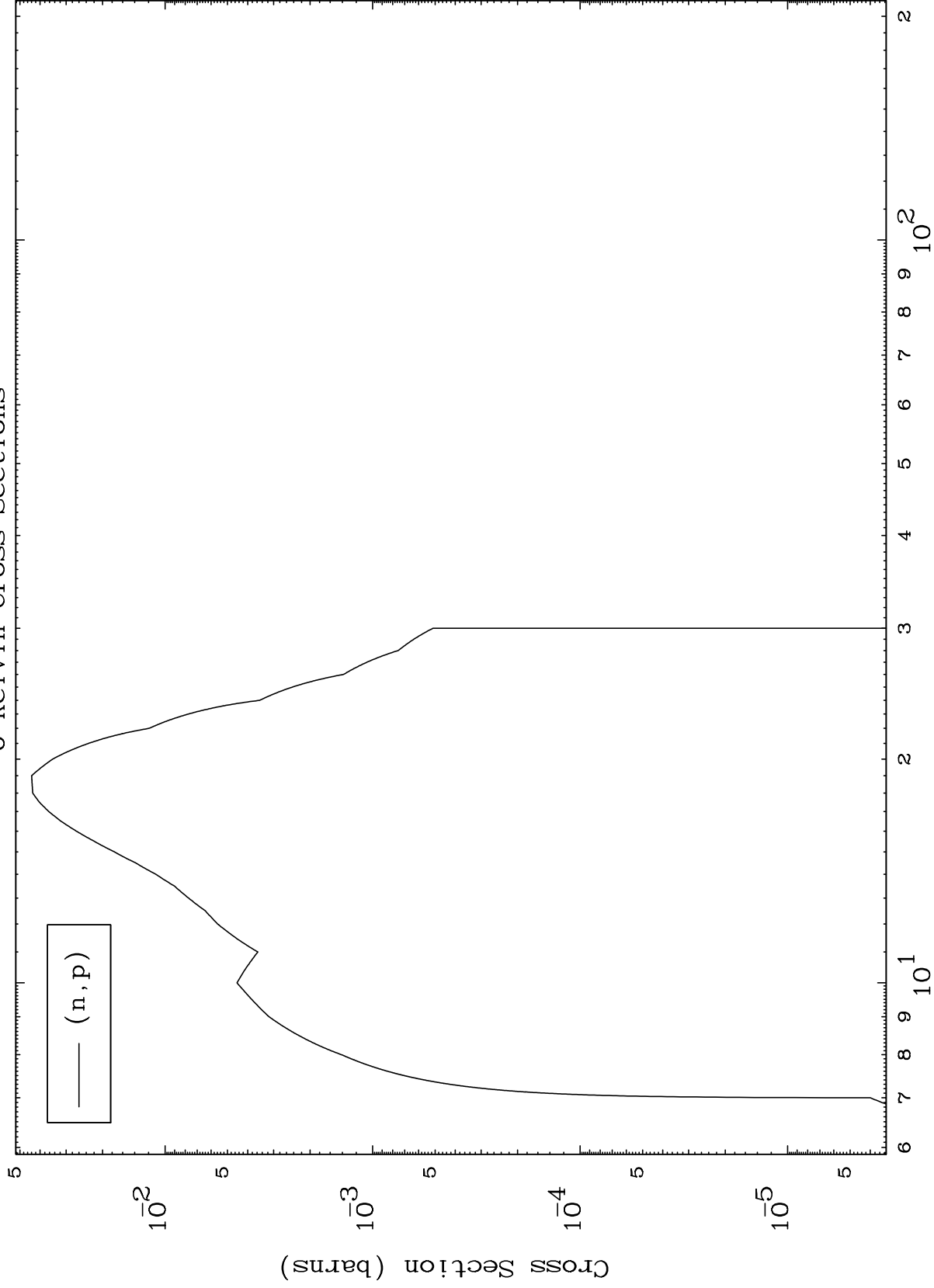
25-Mn-52m

MAT 2517

( $\gamma, p$ ) Levels

25-Mn-52m

0 Kelvin Cross Sections



Incident Energy (MeV)

25-Mn-52m

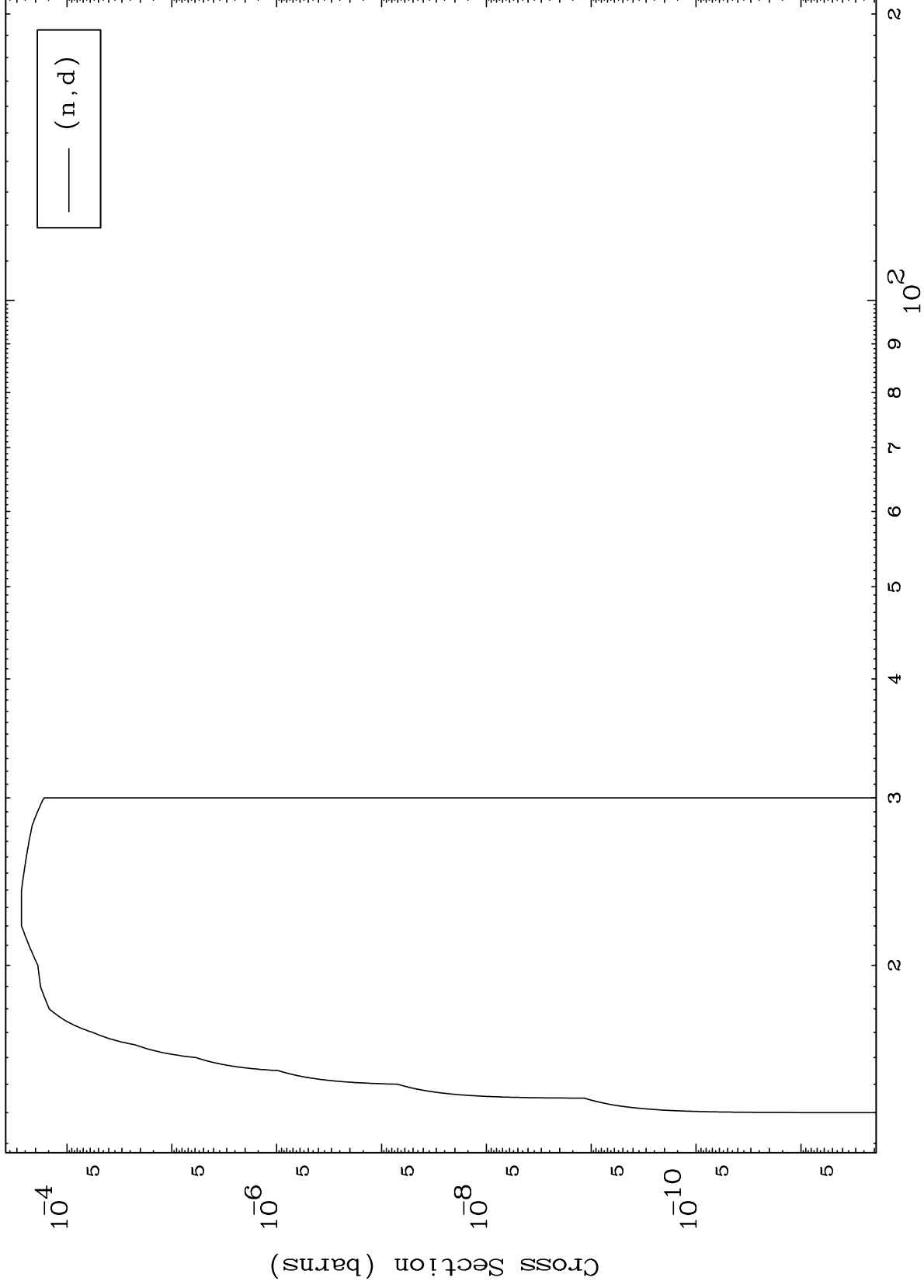
7



MAT 2517

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

25-Mn-52m



8

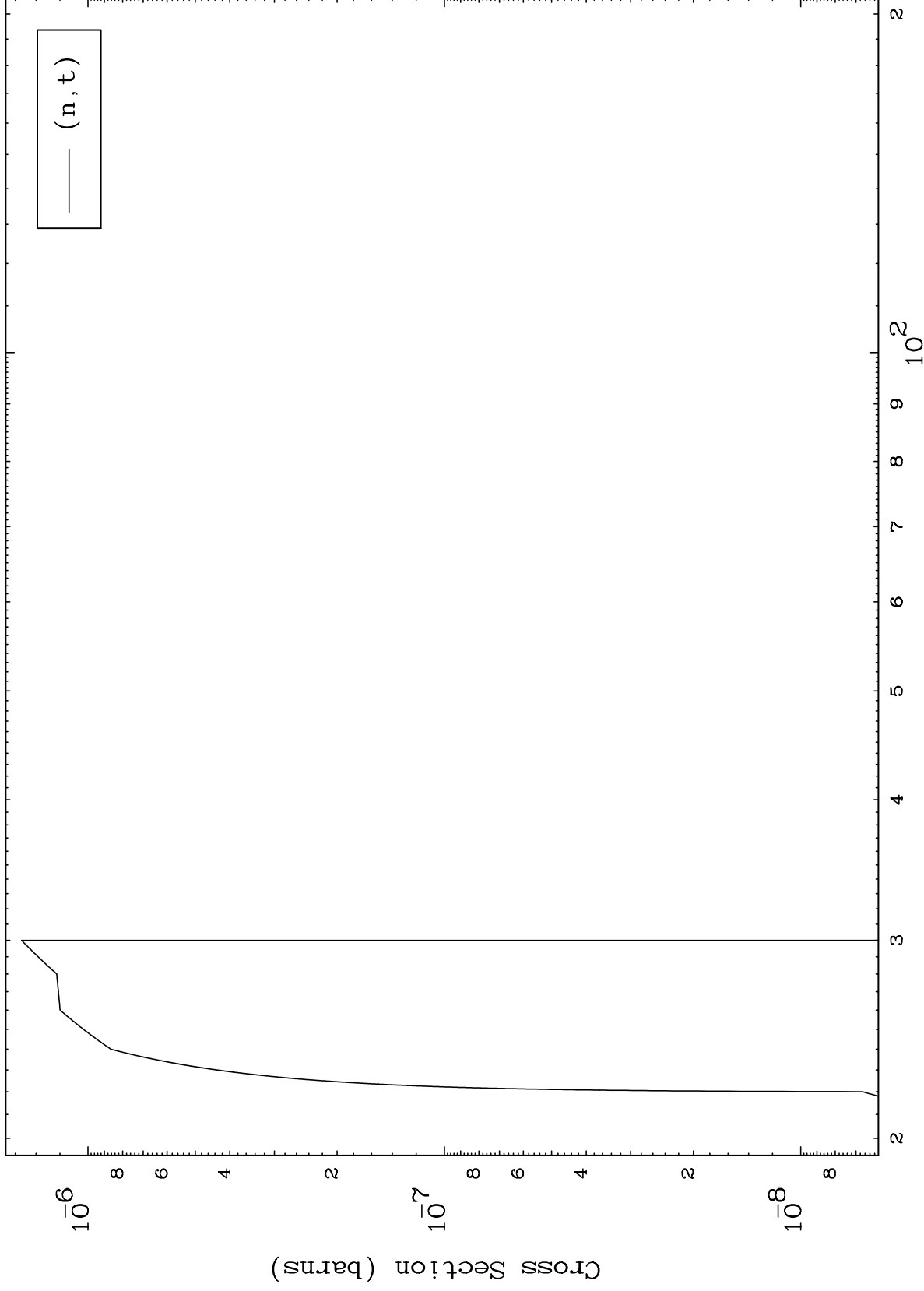
Incident Energy (MeV)

25-Mn-52m

MAT 2517

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

25-Mn-52m



9

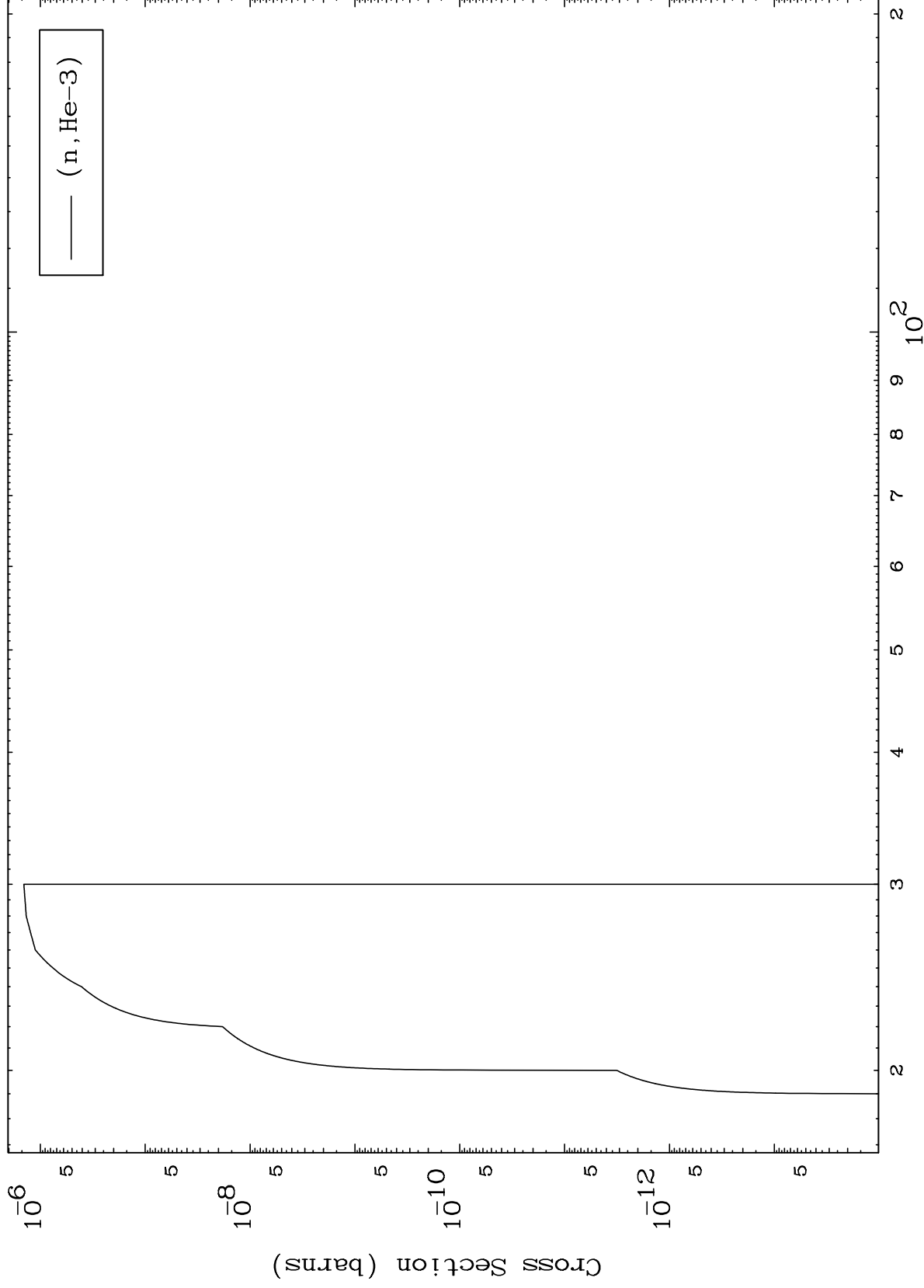
Incident Energy (MeV)

25-Mn-52m

MAT 2517

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

25-Mn-52m



10

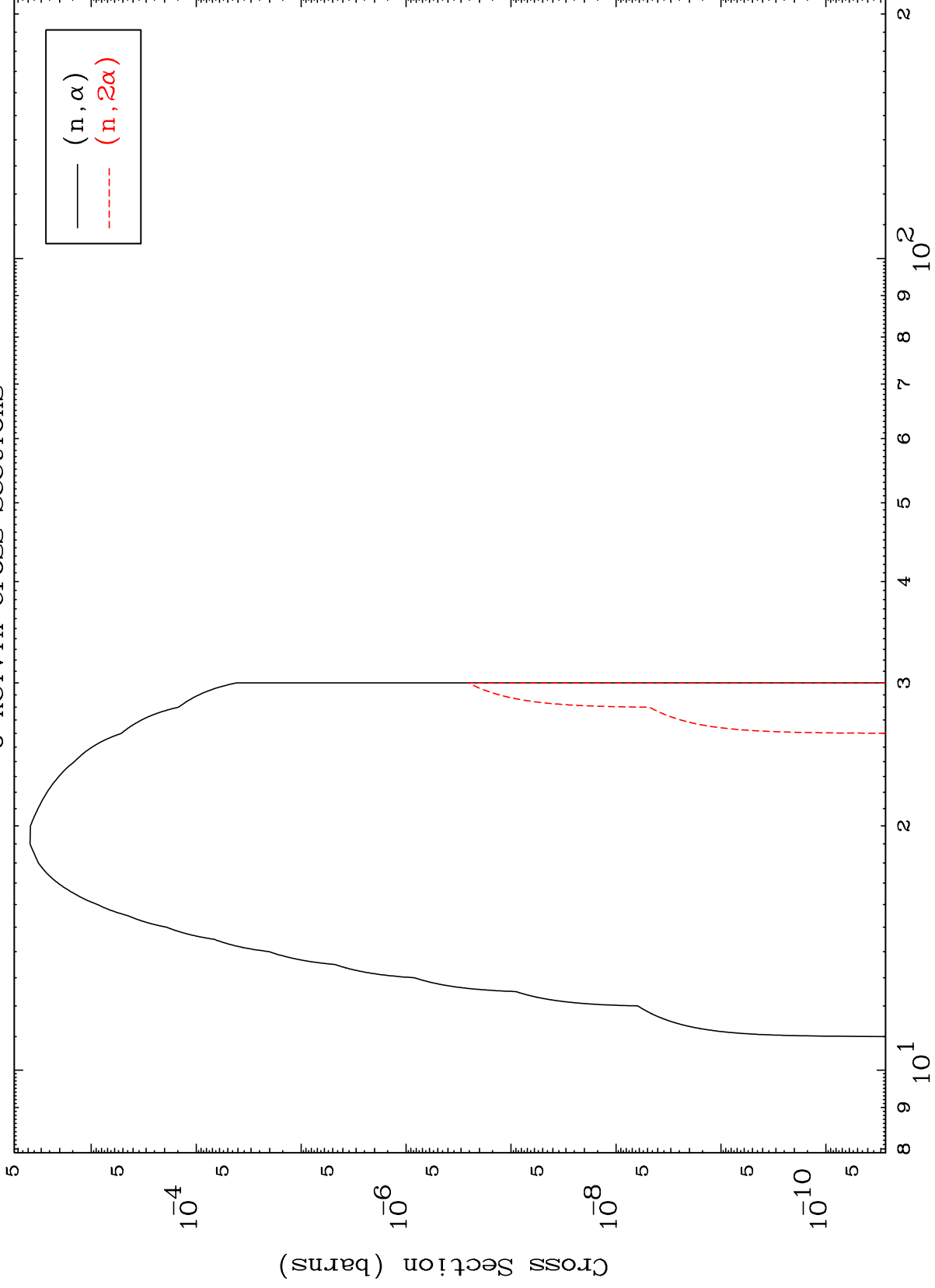
Incident Energy (MeV)

25-Mn-52m

MAT 2517

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

25-Mn-52m



( $n, \alpha$ )  
( $n, 2\alpha$ )

11

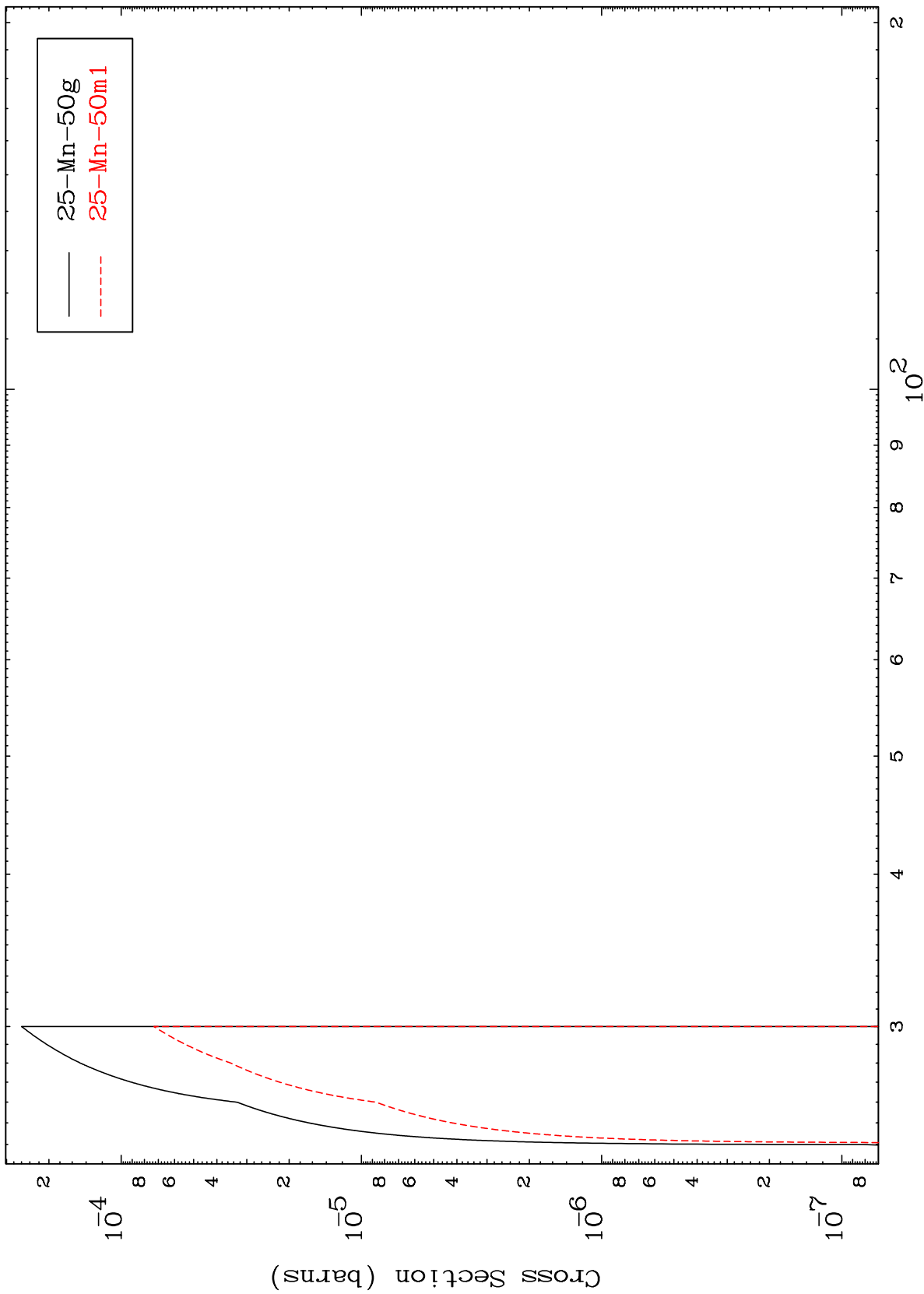
Incident Energy (MeV)

25-Mn-52m

MAT 2517

25-Mn-52m

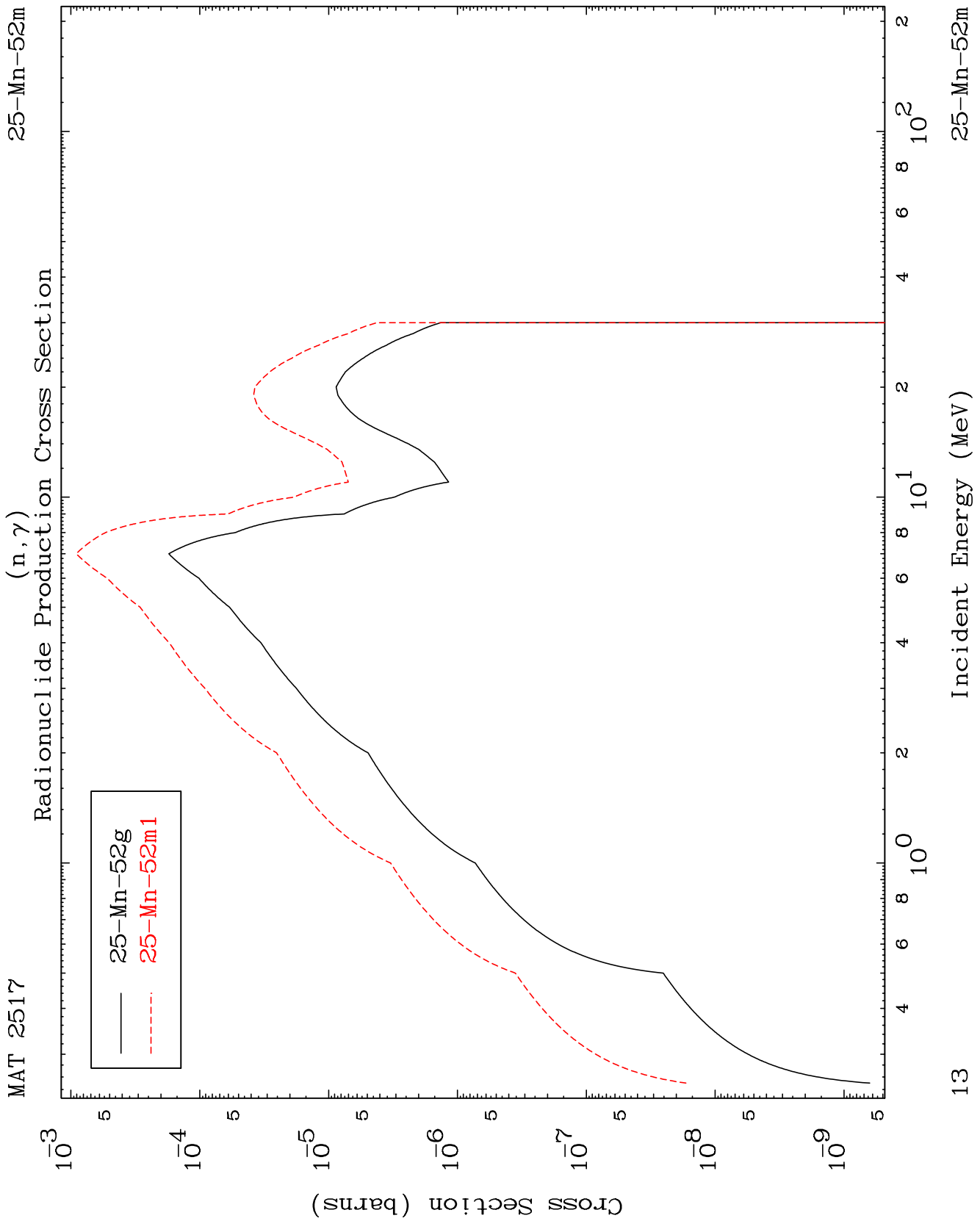
(n,2n)  
Radionuclide Production Cross Section



12

25-Mn-52m

Incident Energy (MeV)

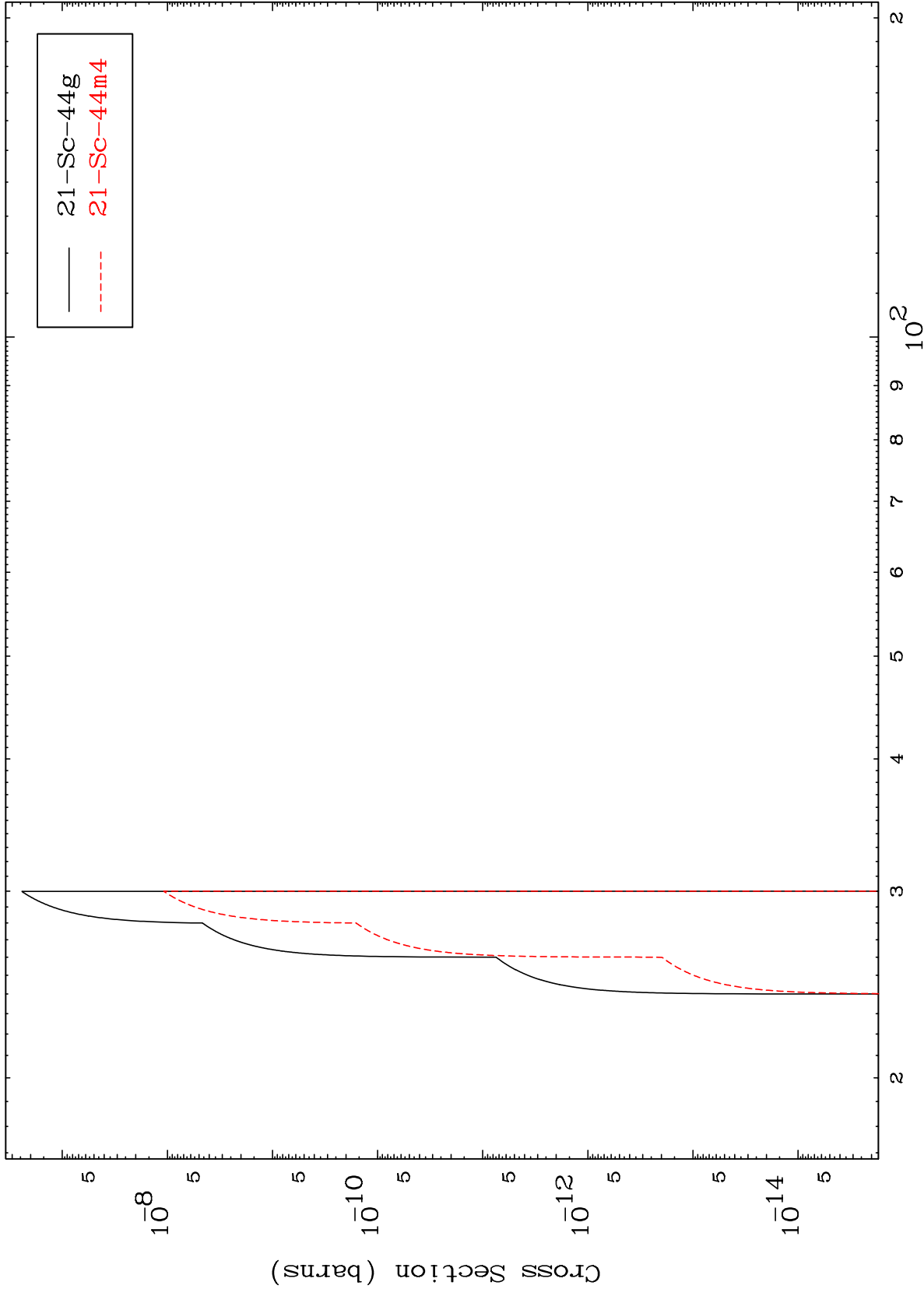


MAT 2517

(n,2α)

25-Mn-52m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

25-Mn-52m