

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

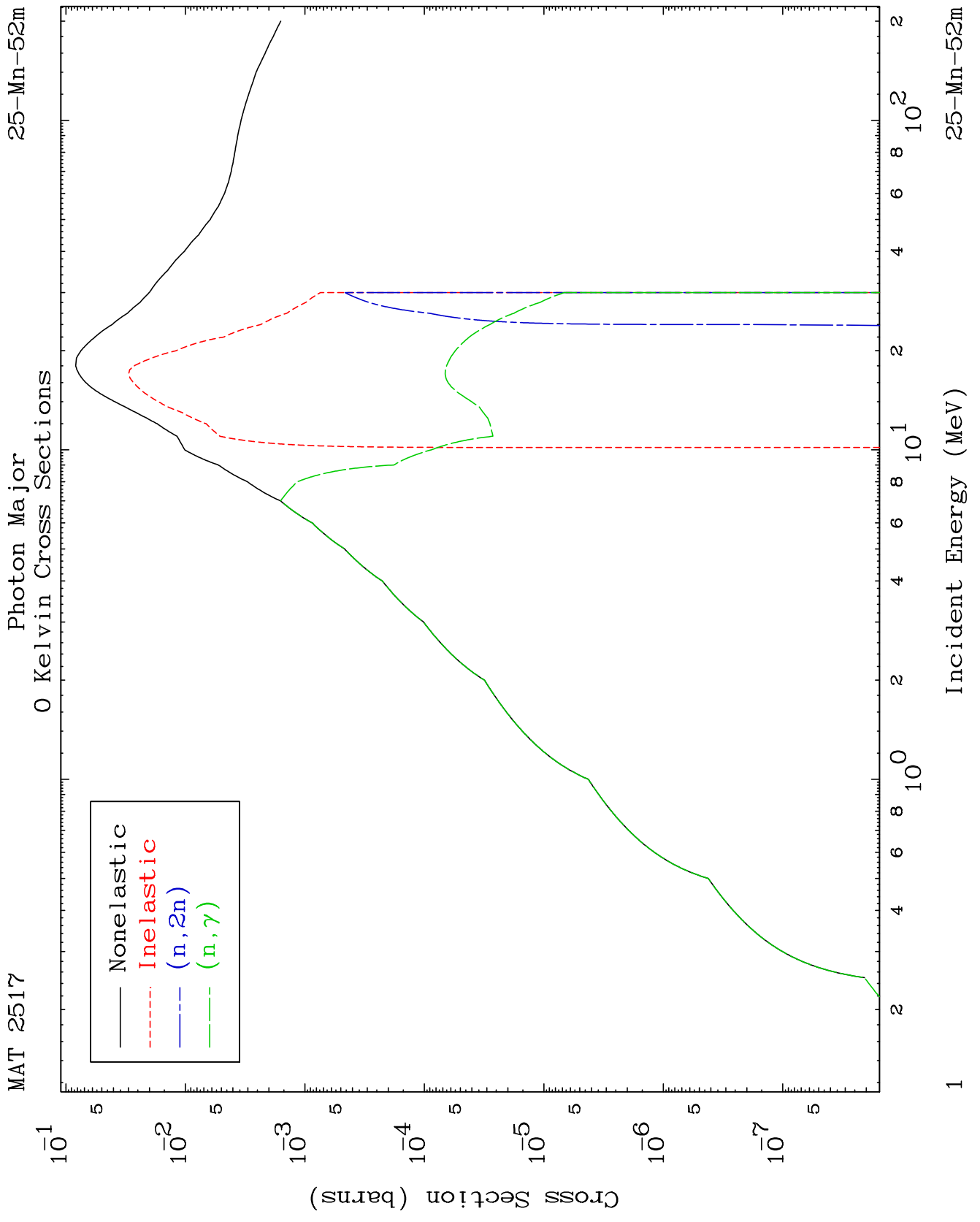
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Web: redcullen1.net/HOMEPAGE.NEW

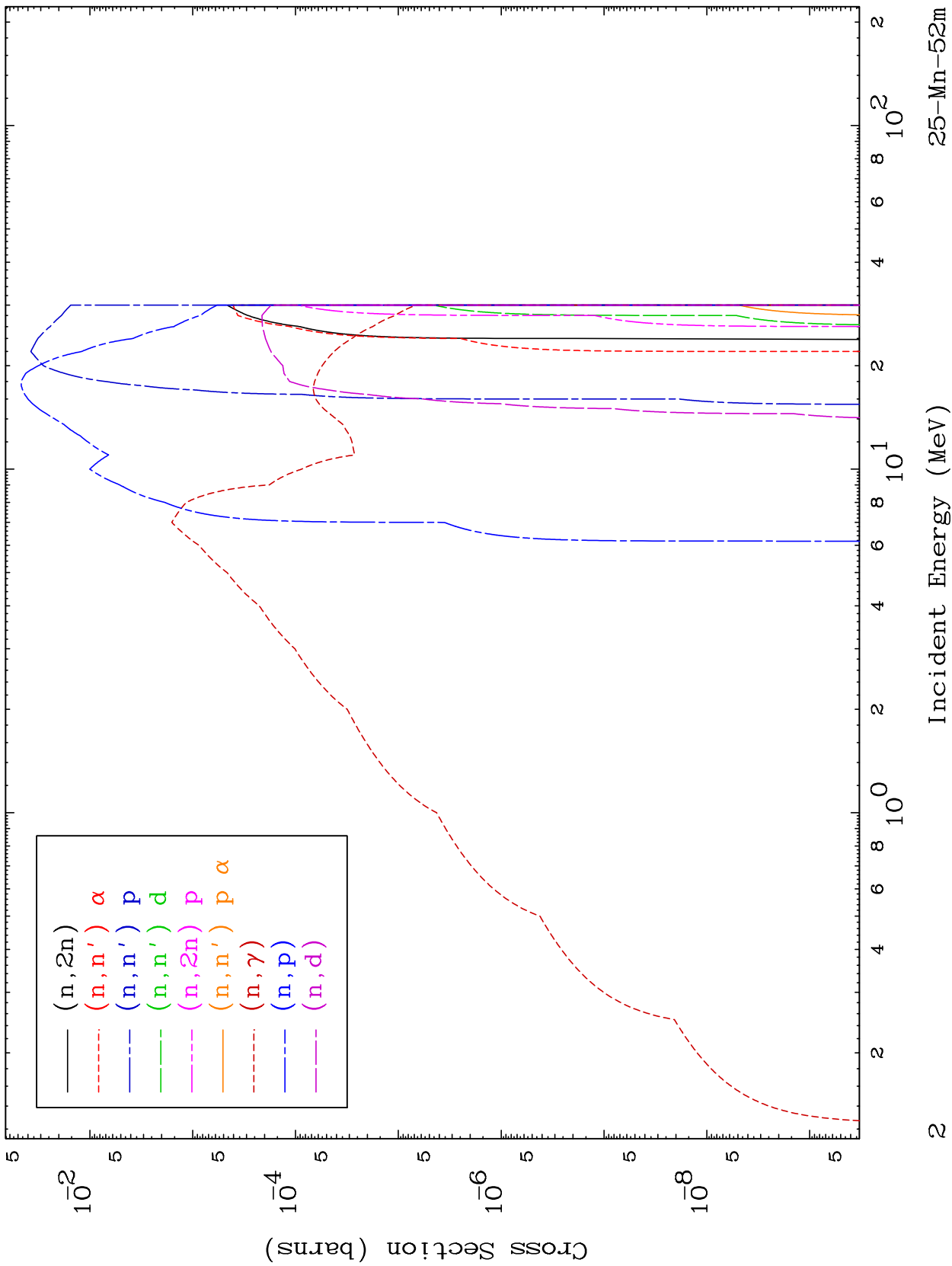
Press Mouse Button to Start



MAT 2517

Photon Neutron Absorption
0 Kelvin Cross Sections

25-Mn-52m



2

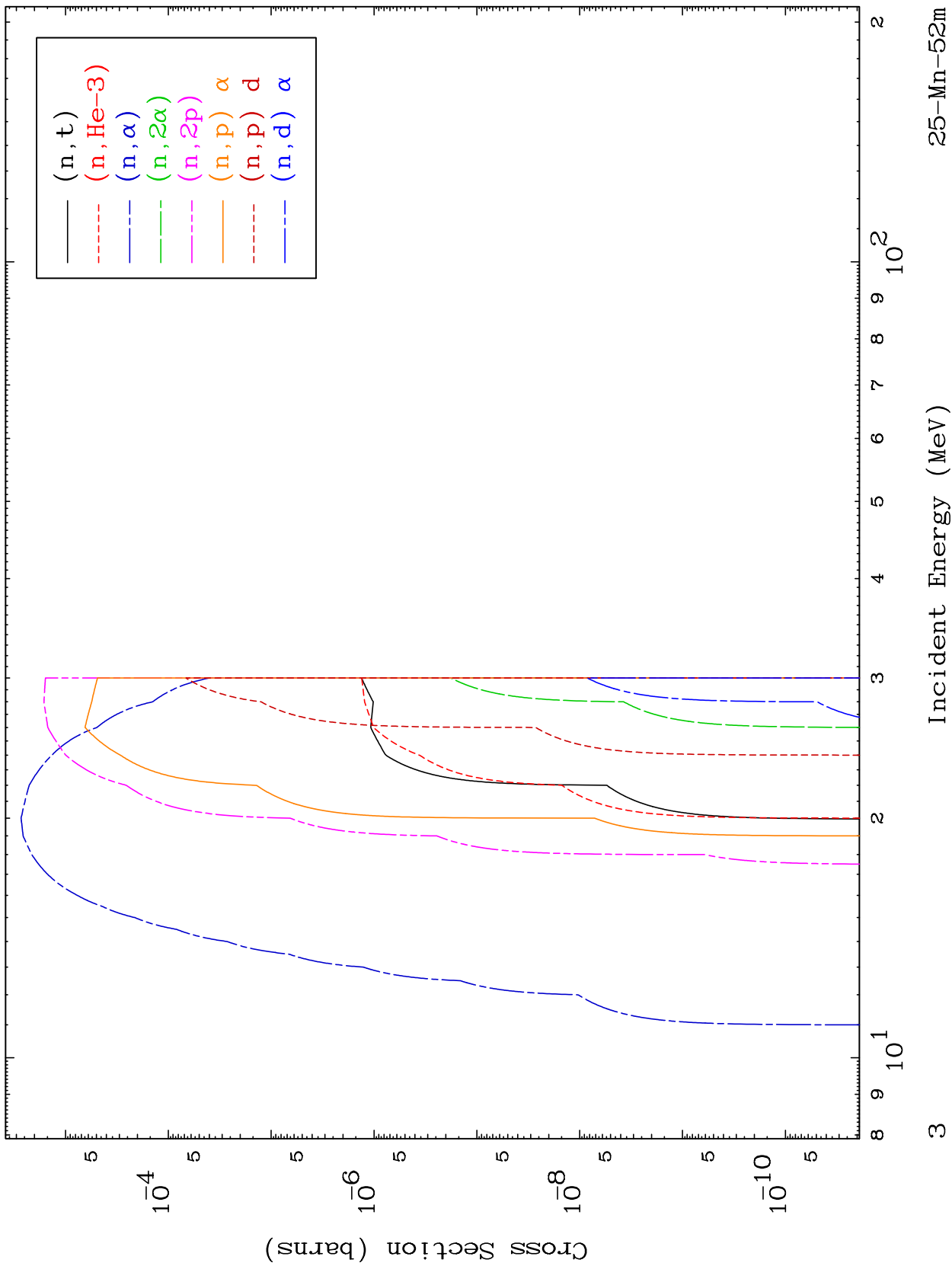
Incident Energy (MeV)

25-Mn-52m

MAT 2517

Photon Neutron Absorption
0 Kelvin Cross Sections

25-Mn-52m



25-Mn-52m

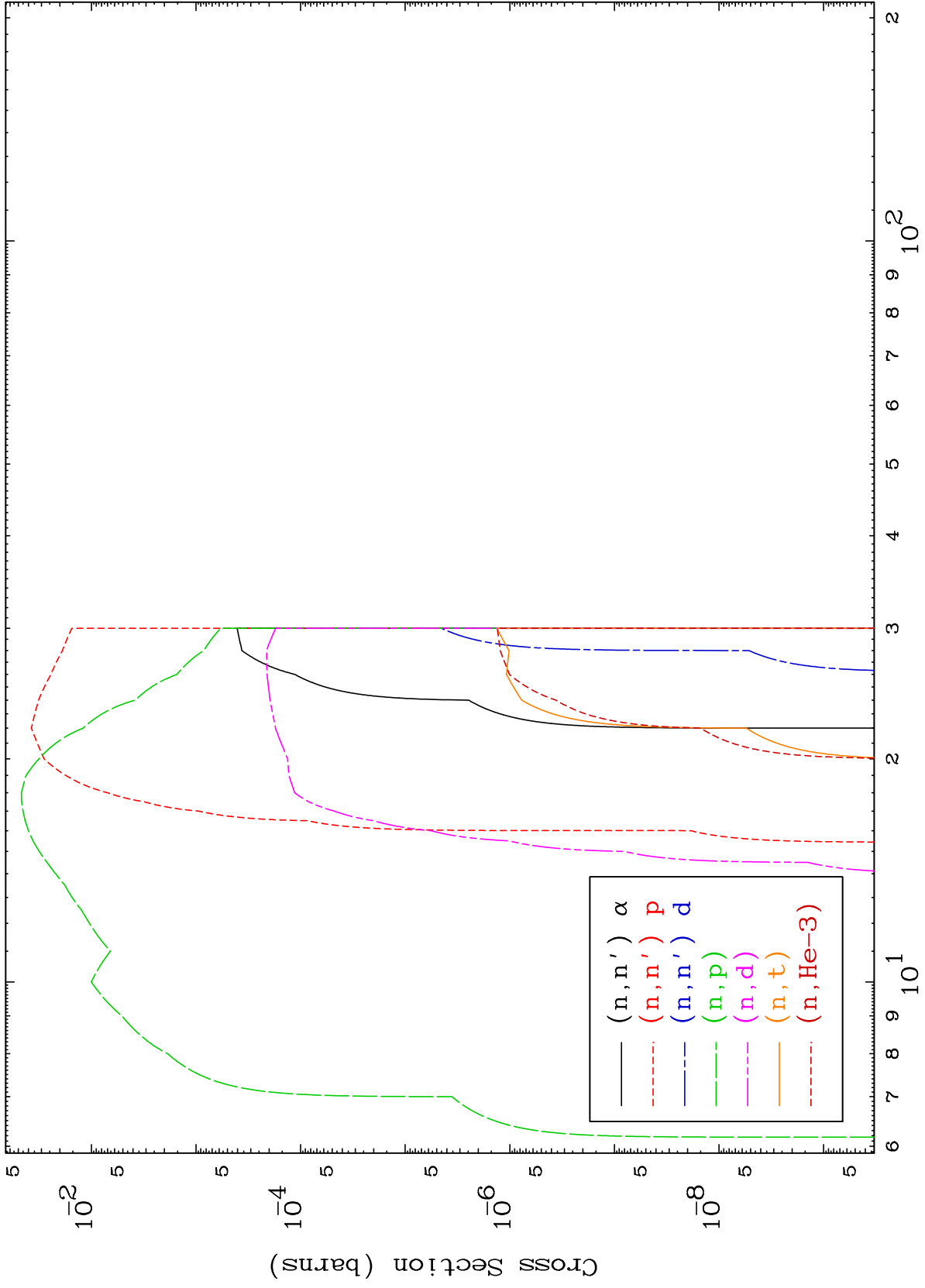
Incident Energy (MeV)

3

MAT 2517

Photon Charged Particle
0 Kelvin Cross Sections

25-Mn-52m



25-Mn-52m

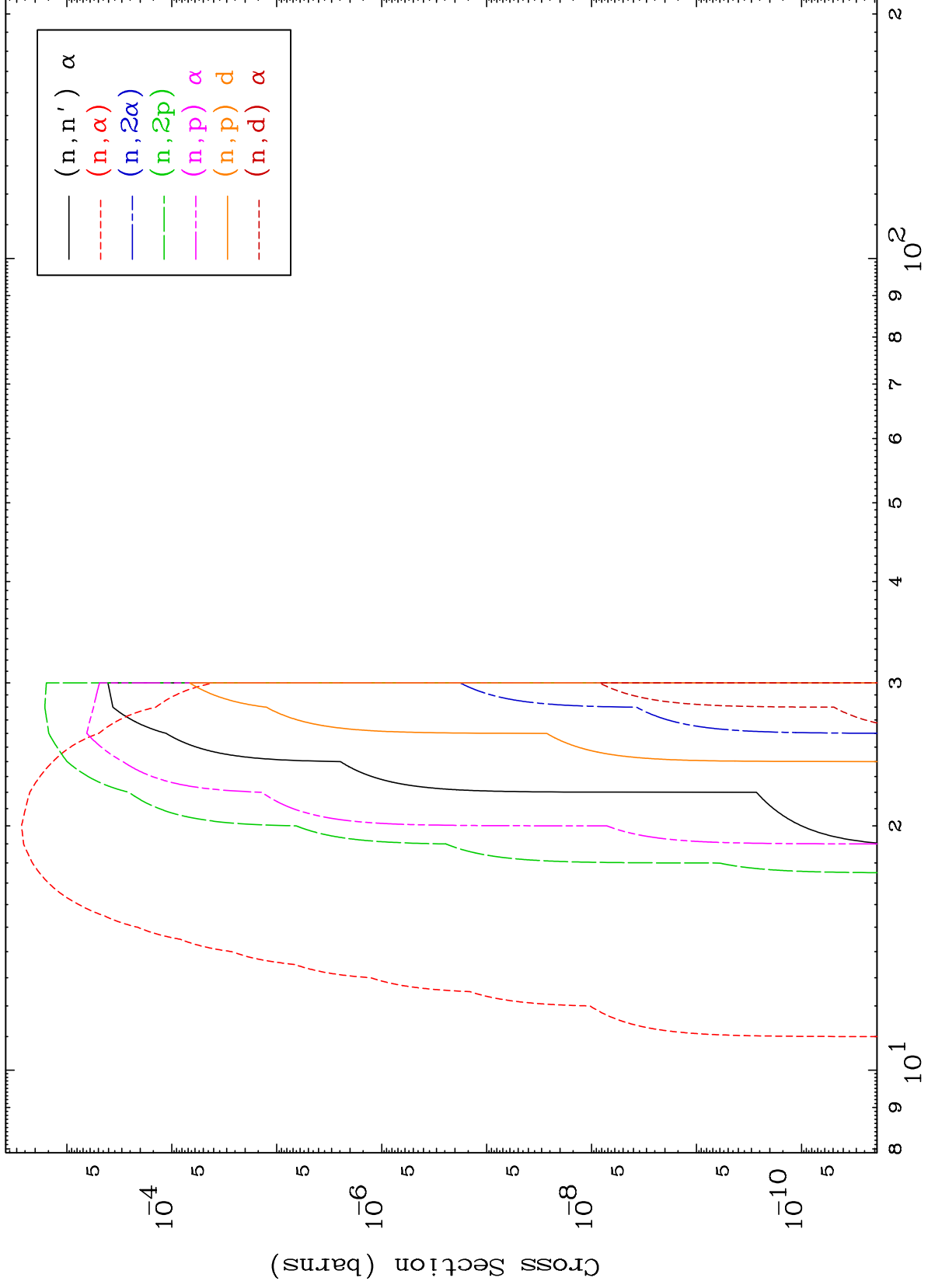
Incident Energy (MeV)

4

MAT 2517

Photon Charged Particle
0 Kelvin Cross Sections

25-Mn-52m



25-Mn-52m

Incident Energy (MeV)

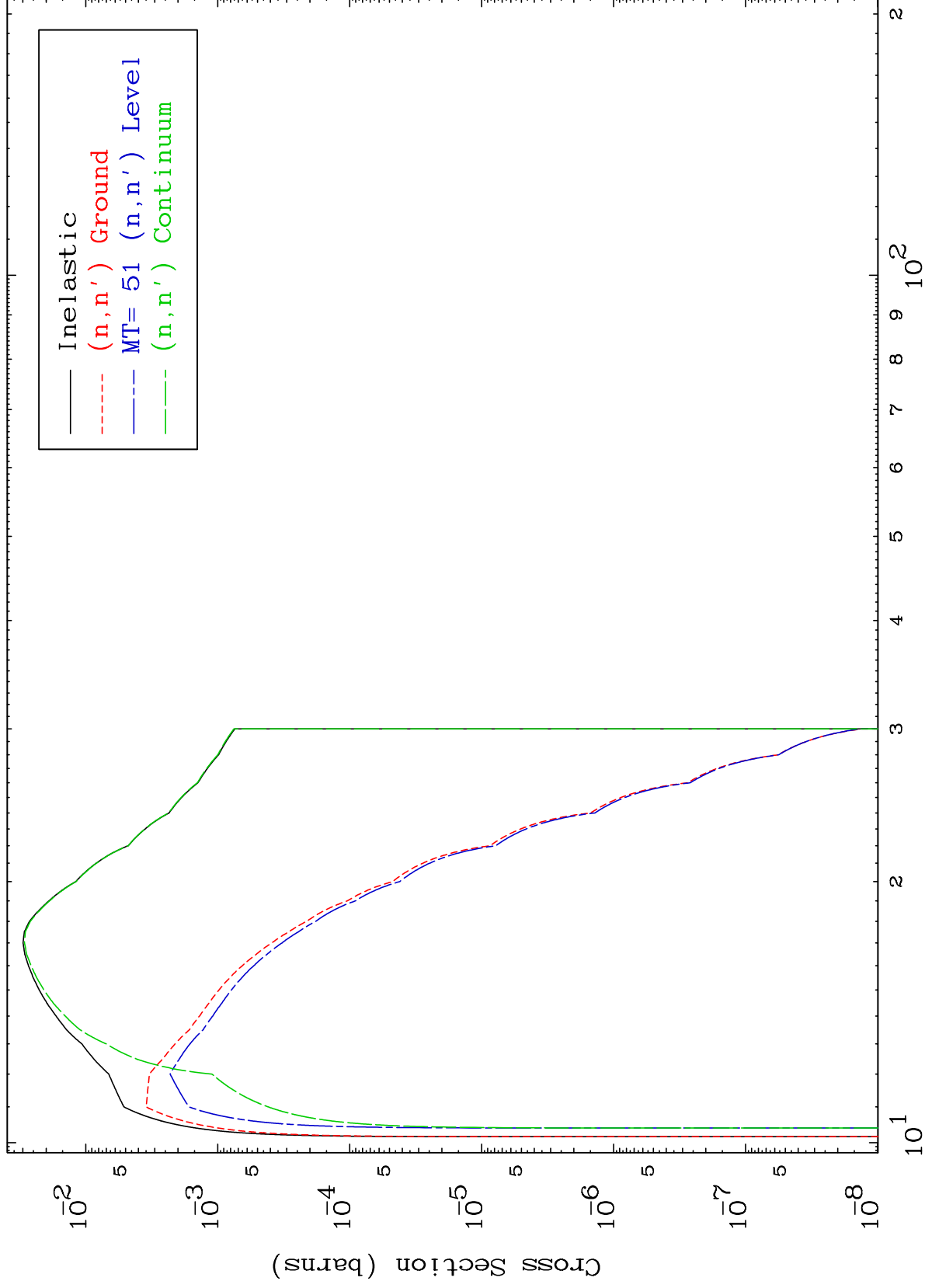
5

MAT 2517

(γ, n') Levels

25-Mn-52m

0 Kelvin Cross Sections



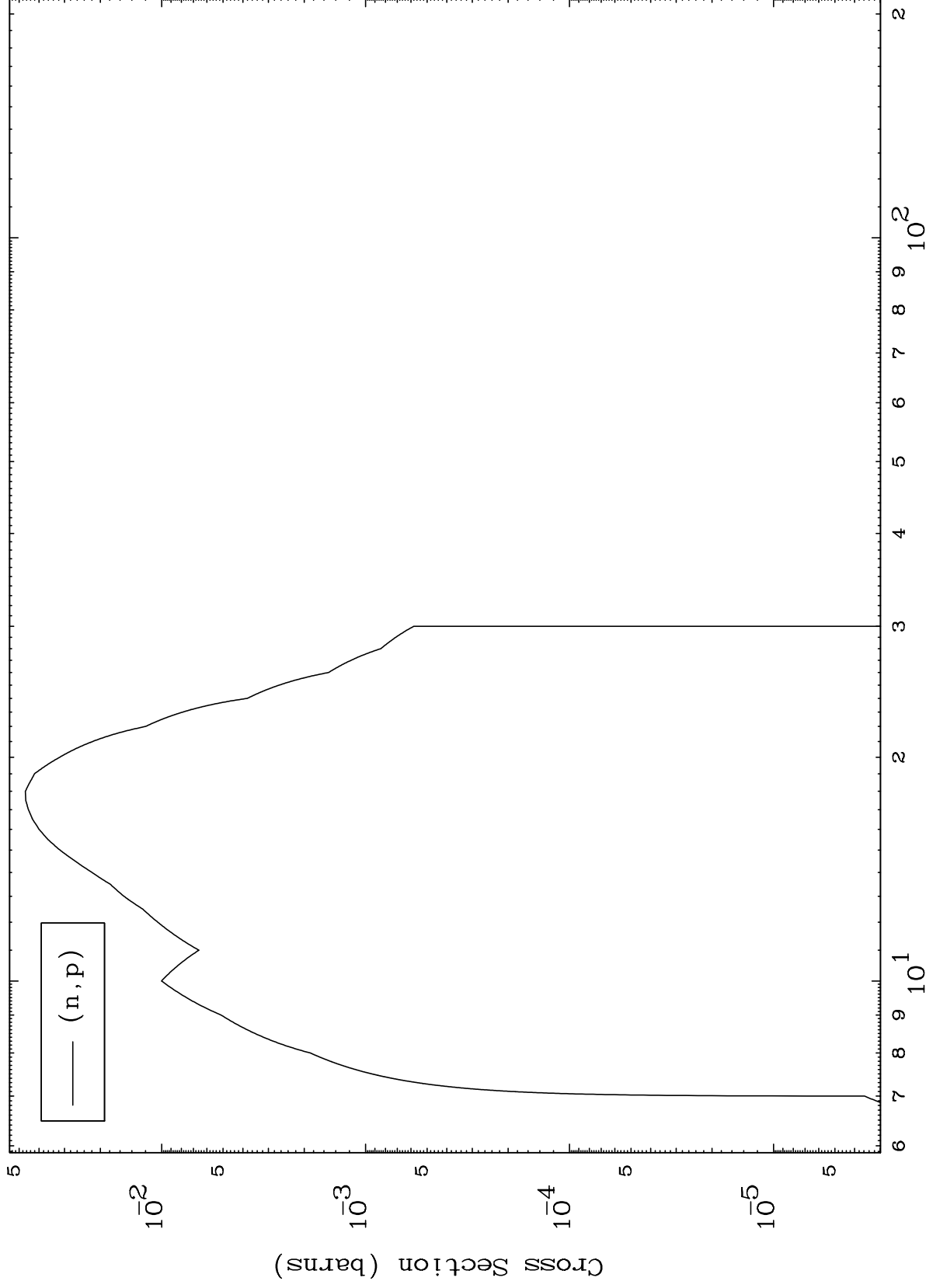
Incident Energy (MeV)

25-Mn-52m

MAT 2517

(γ, p) Levels
0 Kelvin Cross Sections

25-Mn-52m



(n, p)

Incident Energy (MeV)

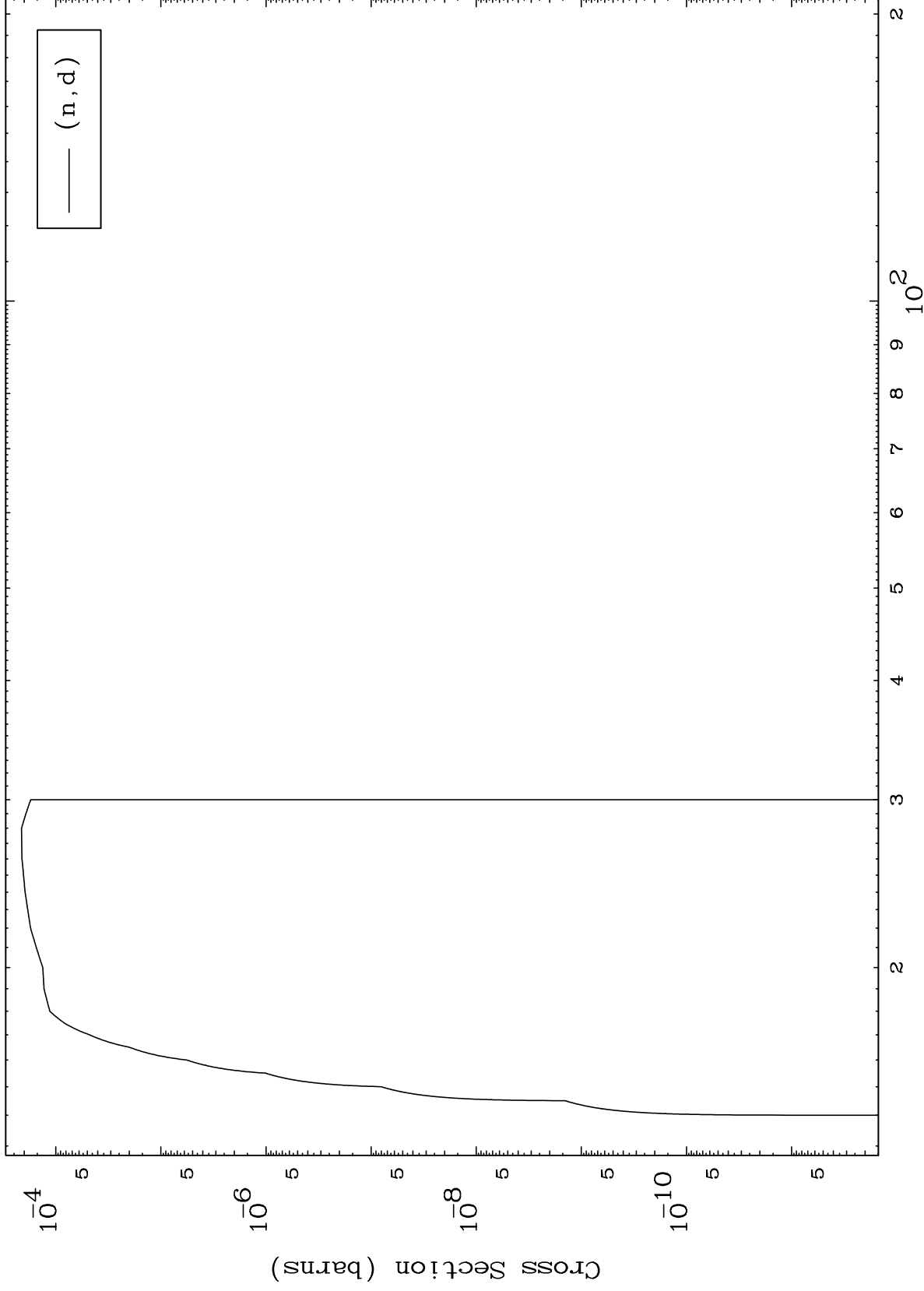
25-Mn-52m

7

MAT 2517

(γ, d) Levels
0 Kelvin Cross Sections

25-Mn-52m



8

Incident Energy (MeV)

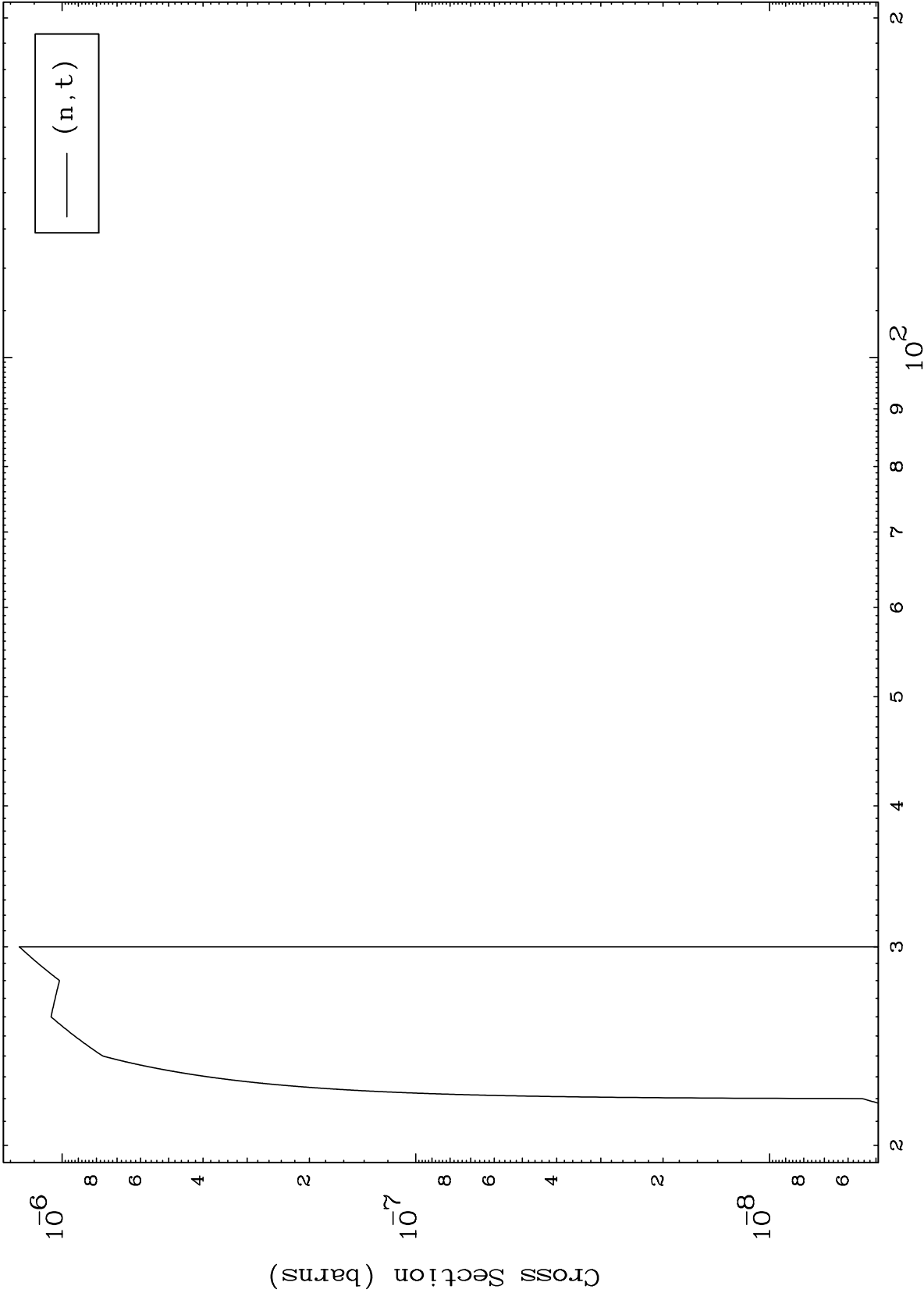
25-Mn-52m

MAT 2517

(γ, t) Levels

25-Mn-52m

0 Kelvin Cross Sections



9

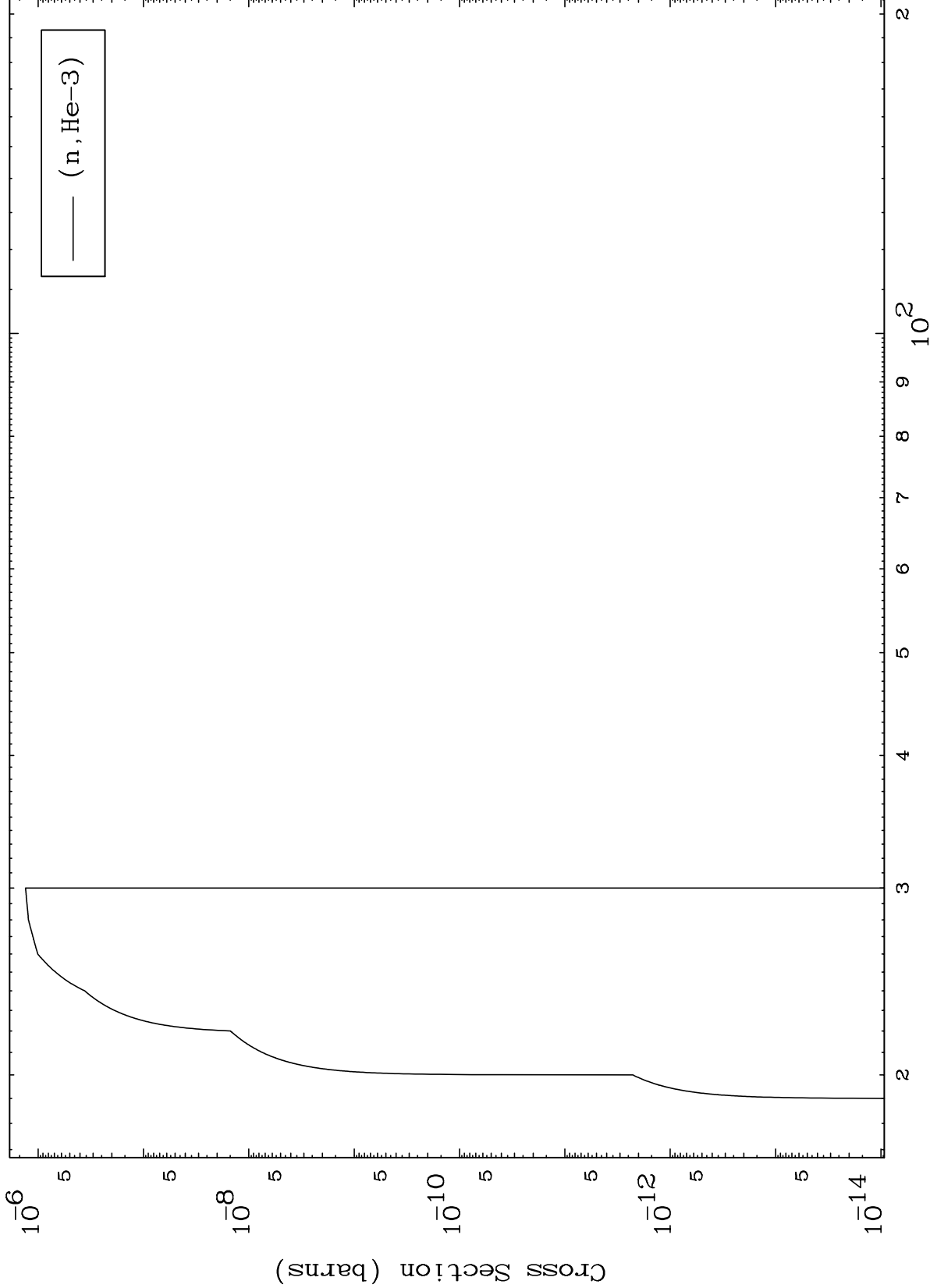
Incident Energy (MeV)

25-Mn-52m

MAT 2517

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

25-Mn-52m



10

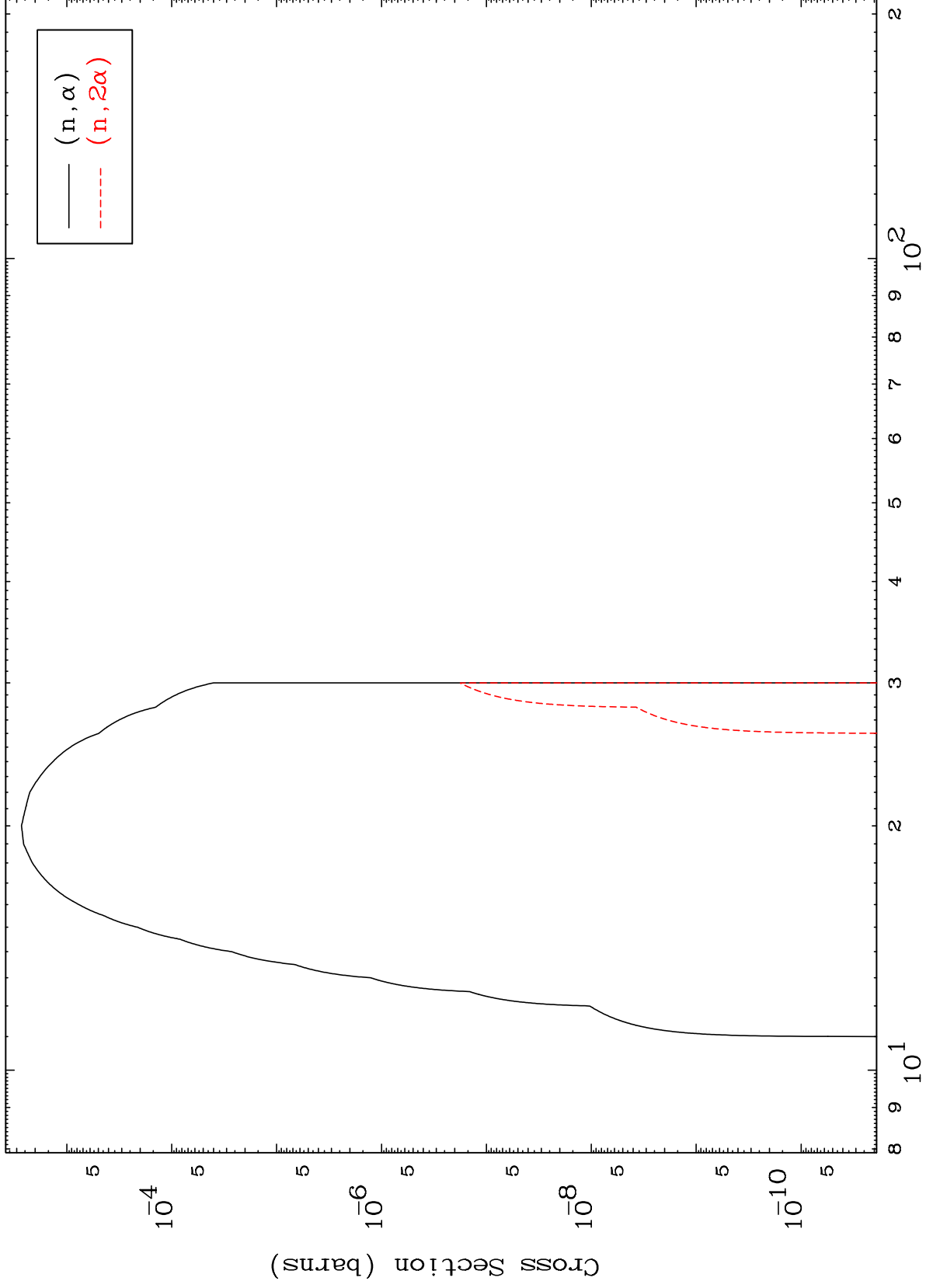
Incident Energy (MeV)

25-Mn-52m

MAT 2517

(γ, α) Levels
0 Kelvin Cross Sections

25-Mn-52m



(n, α)
($n, 2\alpha$)

11

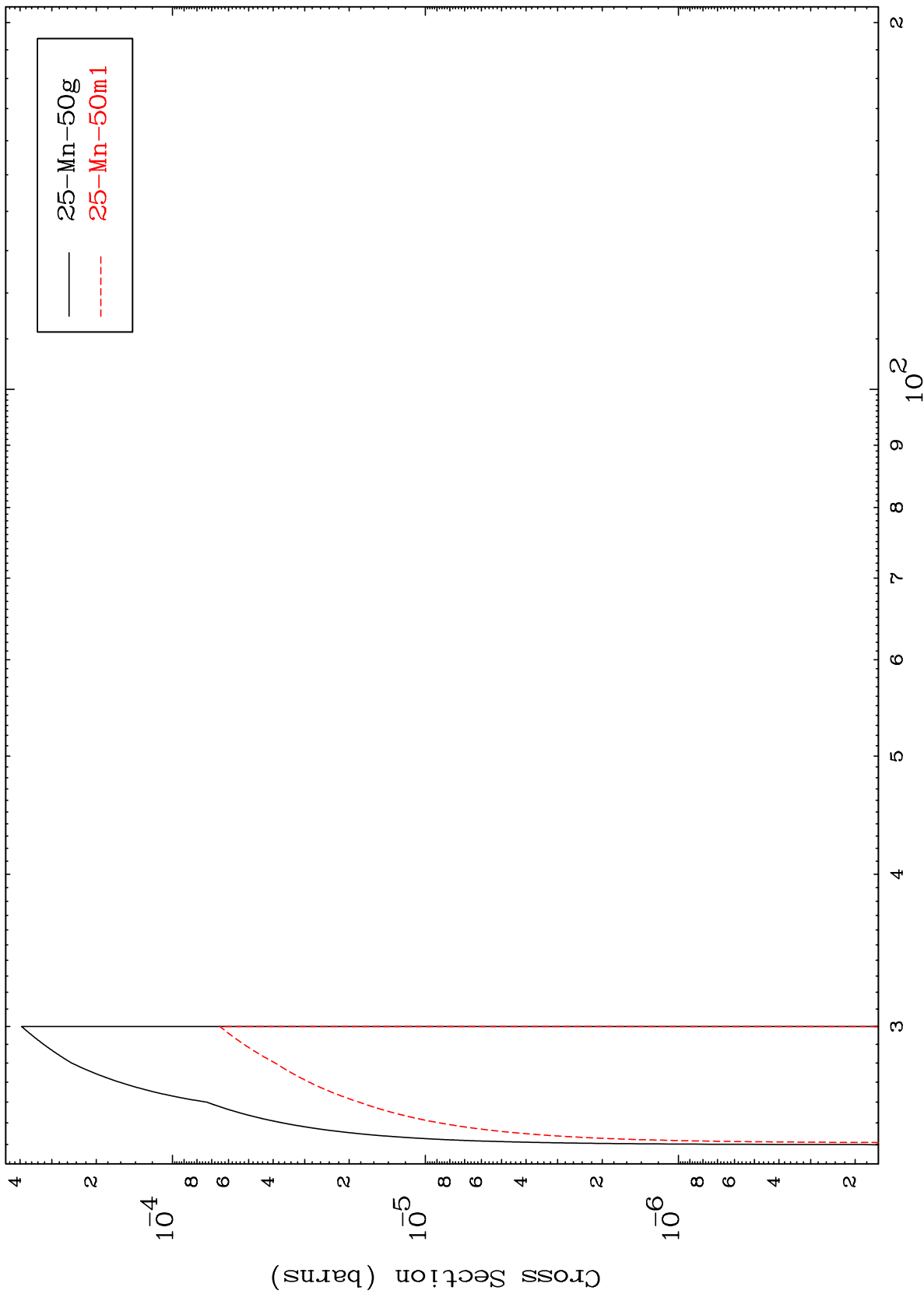
Incident Energy (MeV)

25-Mn-52m

MAT 2517

25-Mn-52m

(n,2n)
Radionuclide Production Cross Section



25-Mn-52m

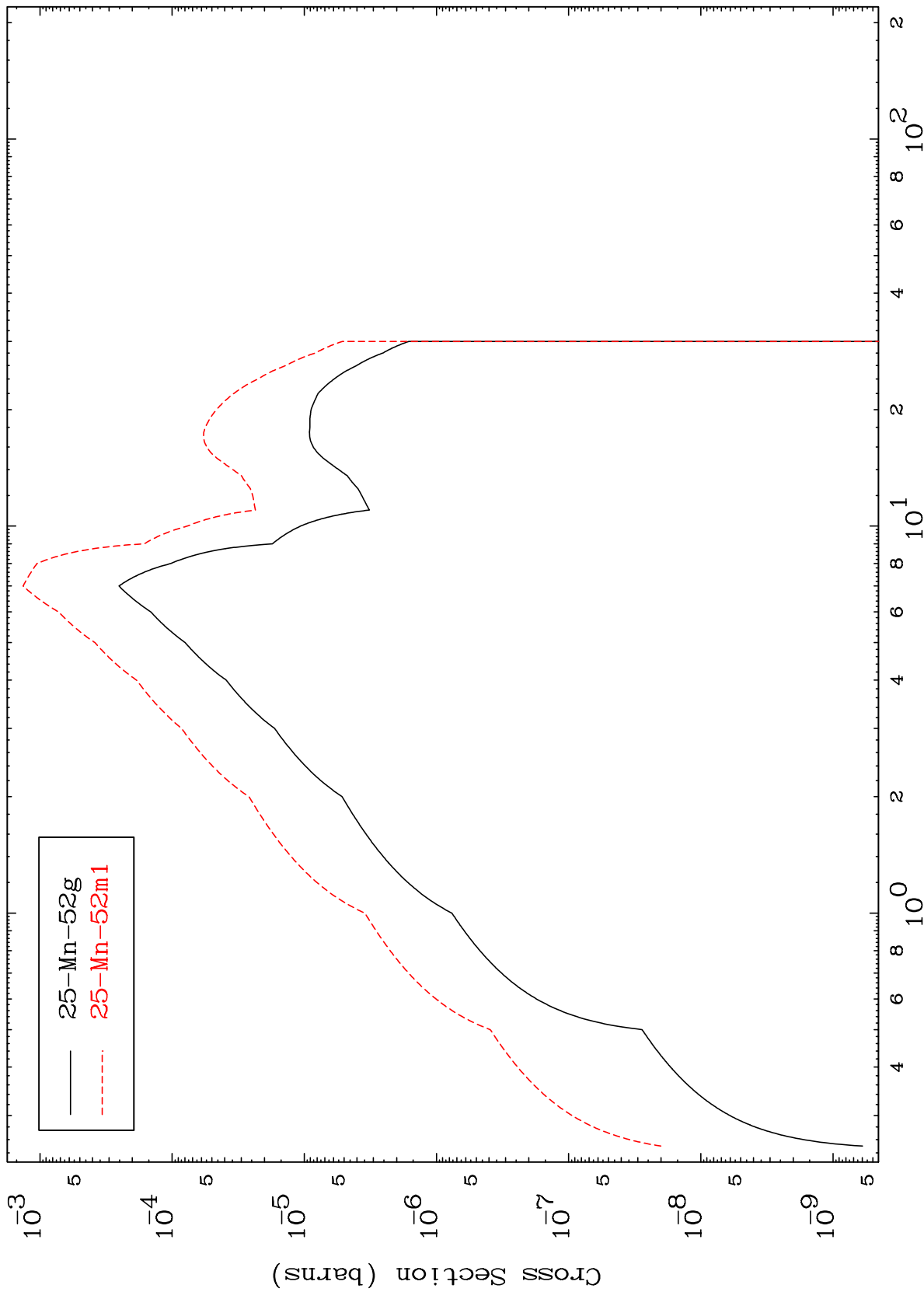
Incident Energy (MeV)

12

MAT 2517

25-Mn-52m

Radionuclide Production Cross Section



Incident Energy (MeV)

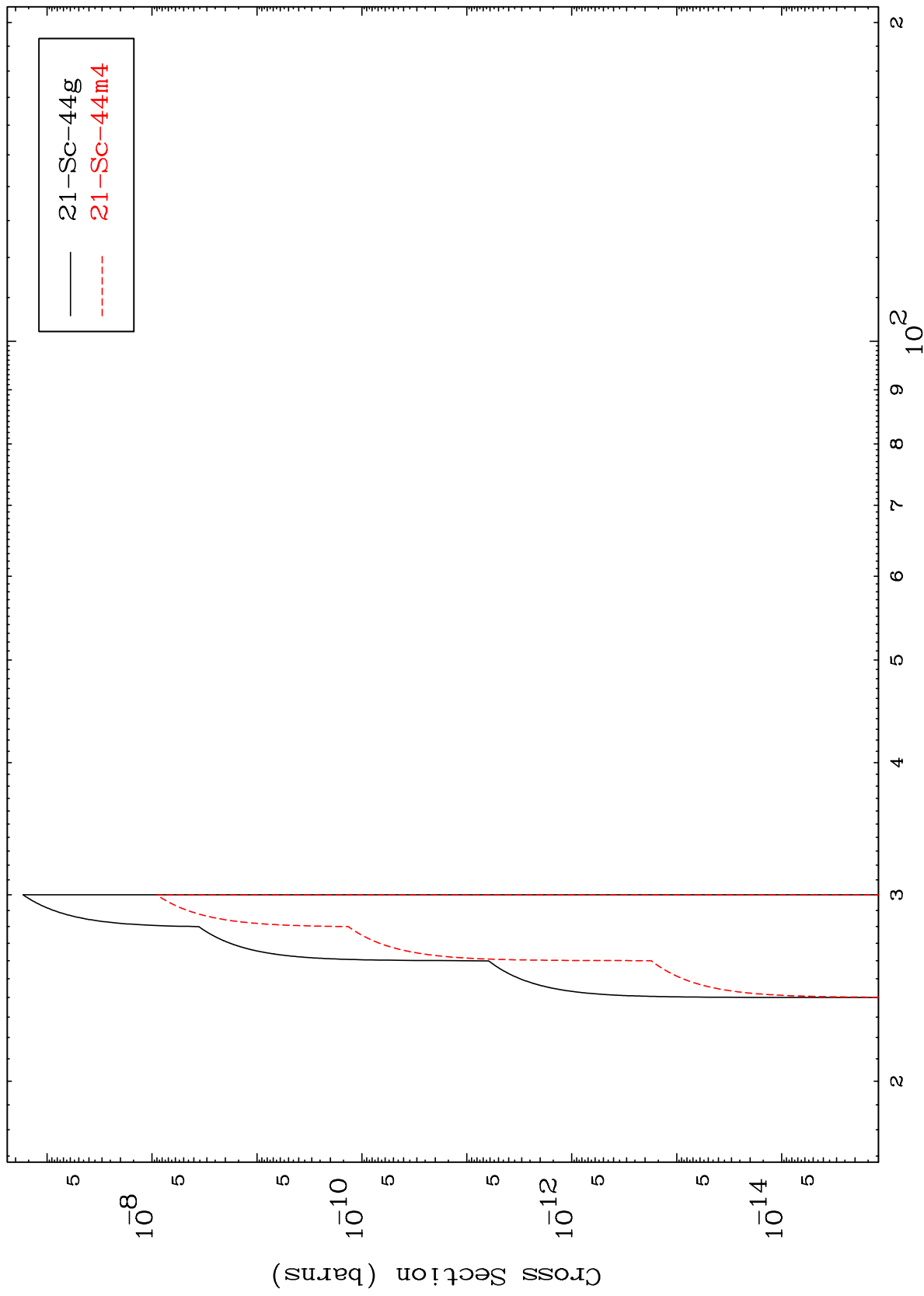
25-Mn-52m

13

MAT 2517

25-Mn-52m

(n,2α)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

25-Mn-52m