

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

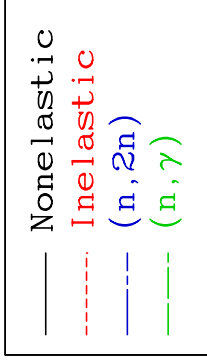
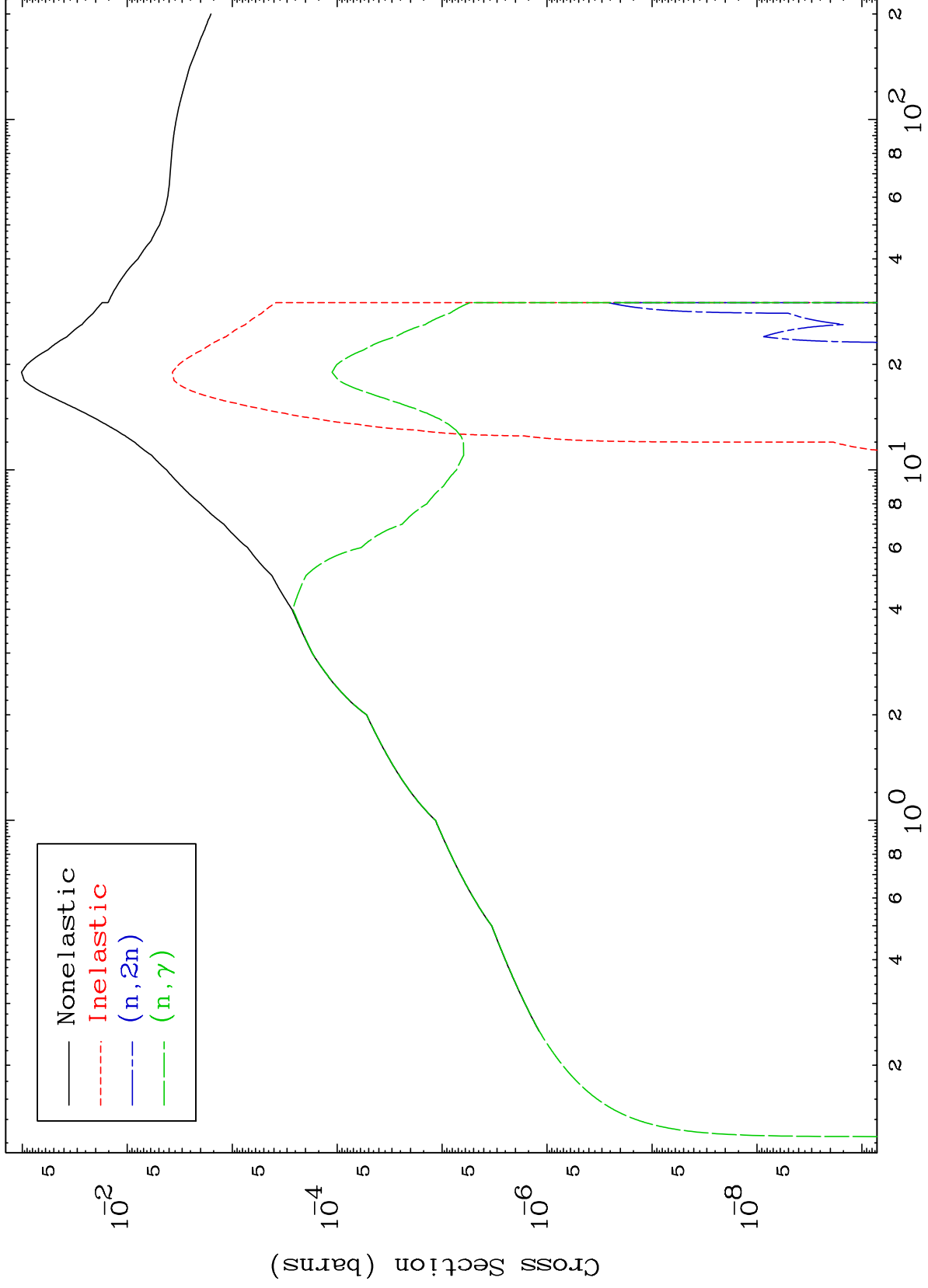
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2620

Photon Major
0 Kelvin Cross Sections

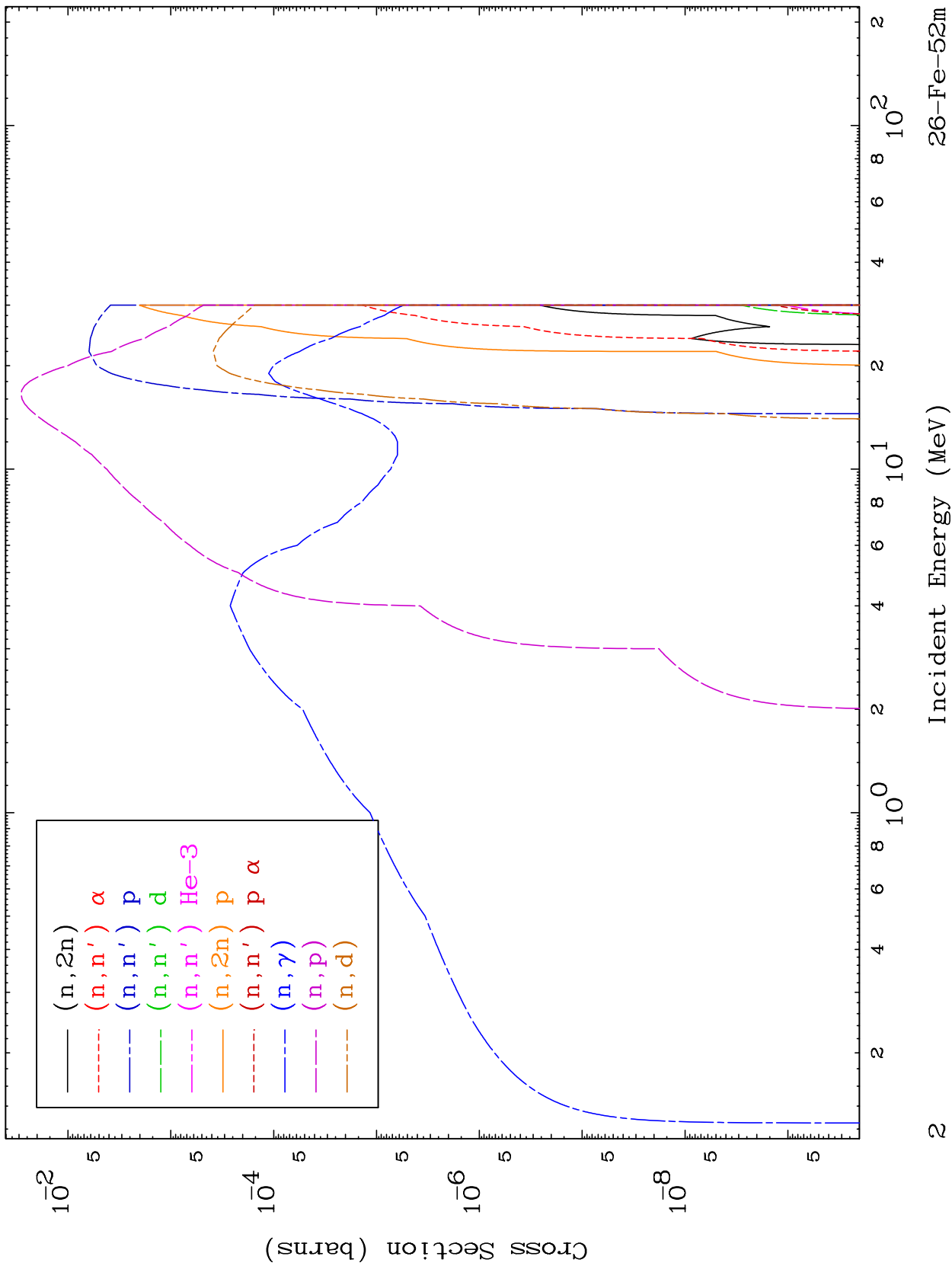
26-Fe-52m



MAT 2620

Photon Neutron Absorption
0 Kelvin Cross Sections

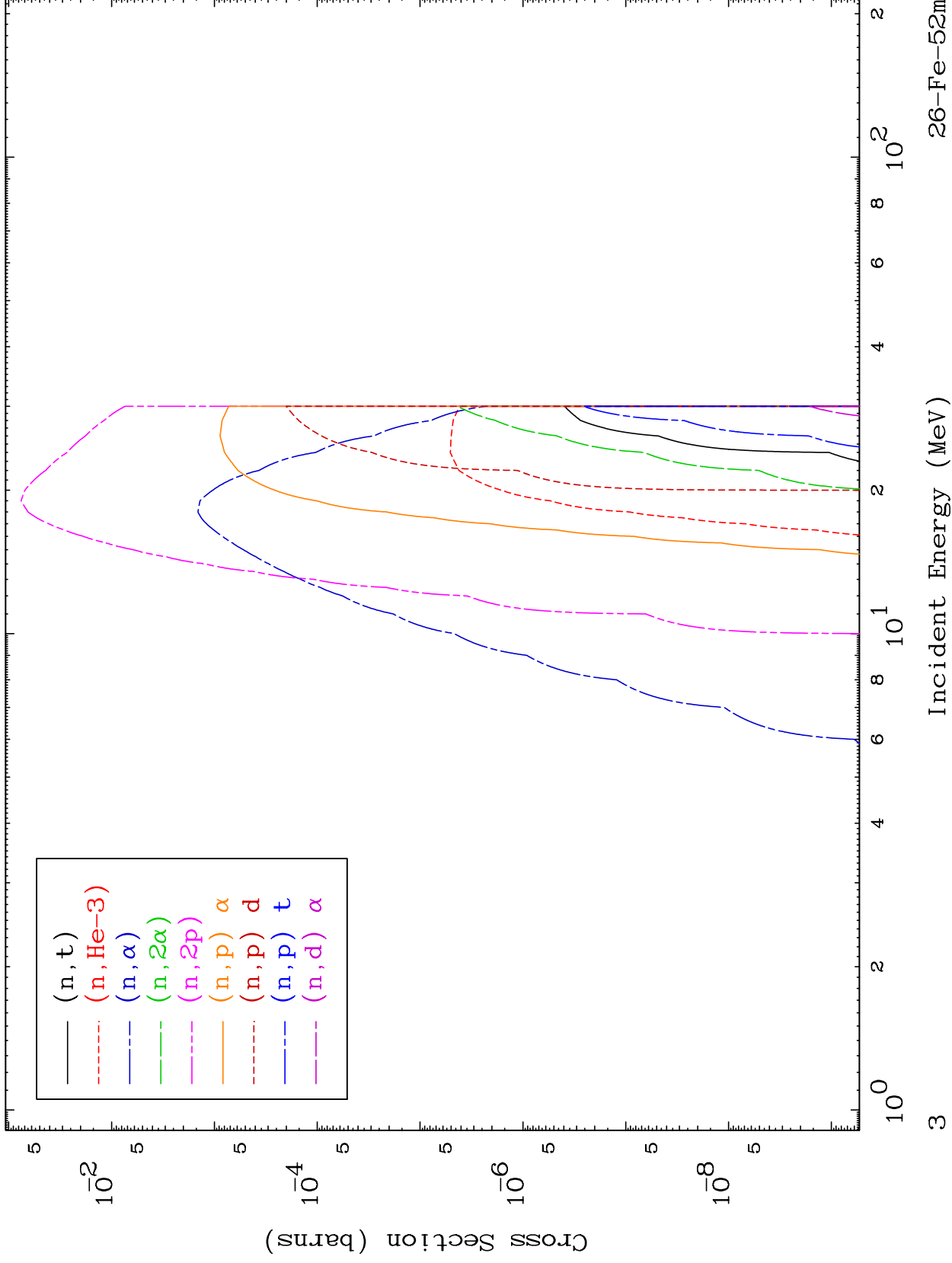
26-Fe-52m



MAT 2620

Photon Neutron Absorption
0 Kelvin Cross Sections

²⁶Fe-52m



²⁶Fe-52m

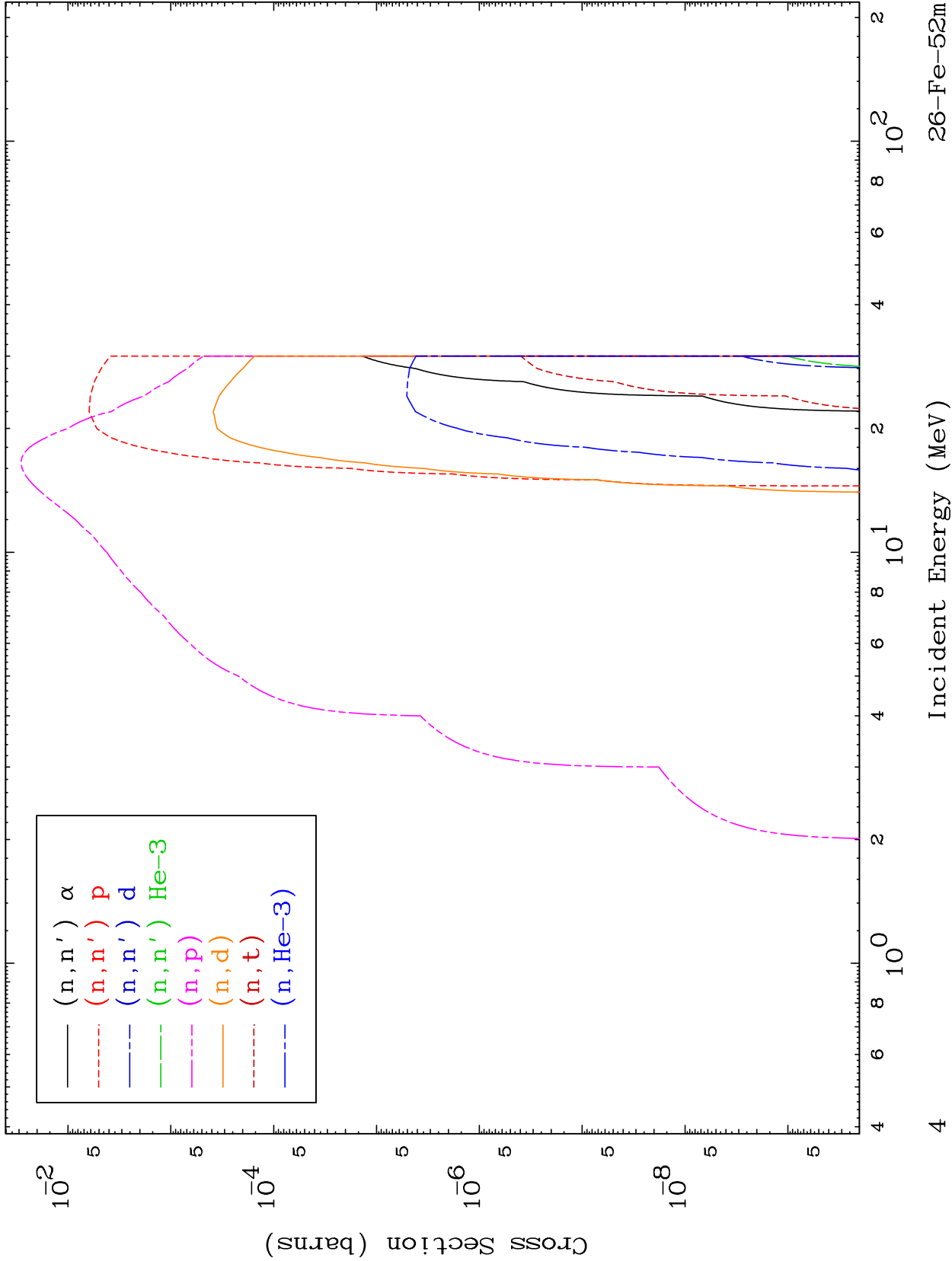
Incident Energy (MeV)

3

MAT 2620

Photon Charged Particle
0 Kelvin Cross Sections

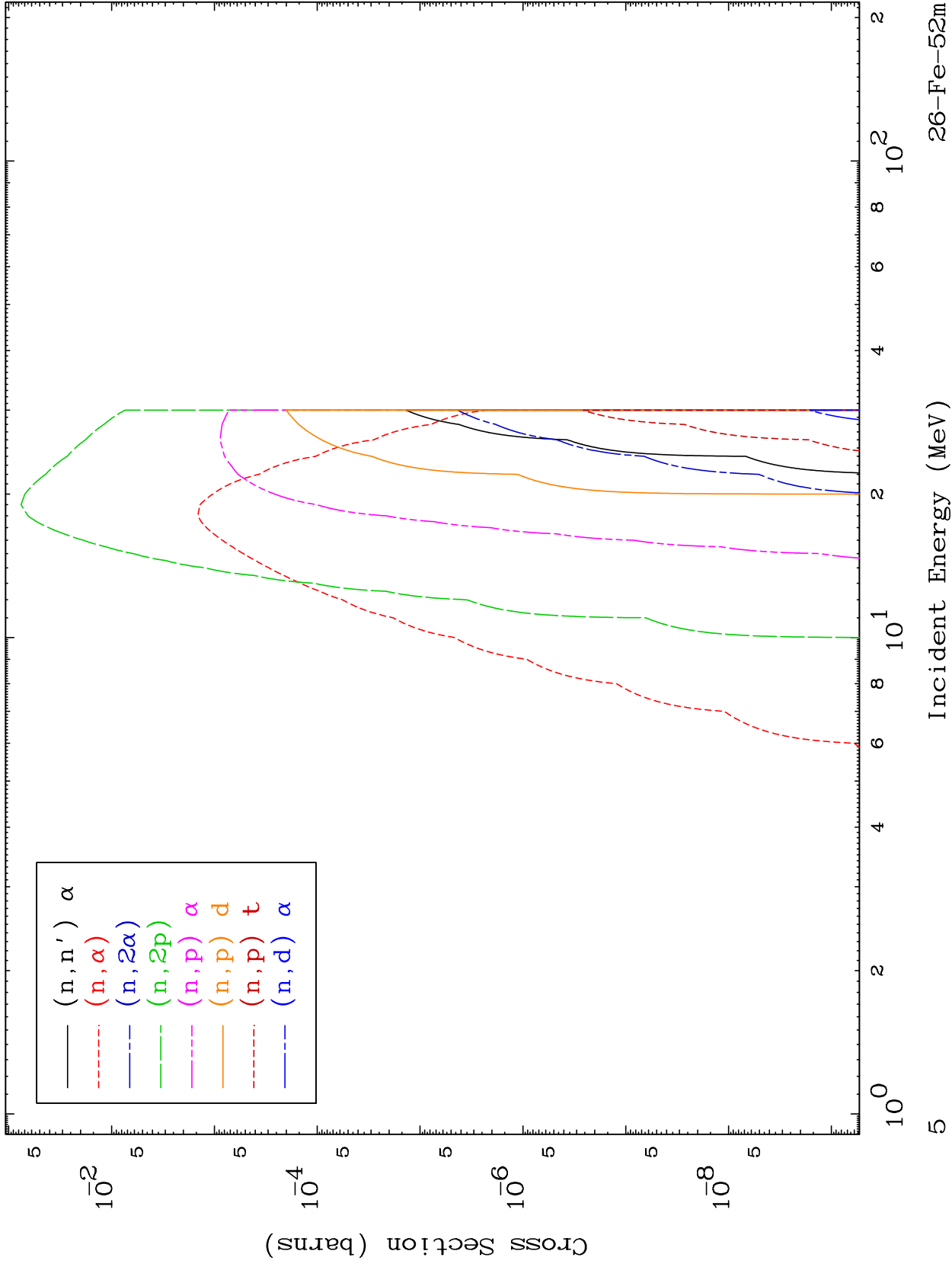
26-Fe-52m



MAT 2620

Photon Charged Particle
0 Kelvin Cross Sections

26-Fe-52m



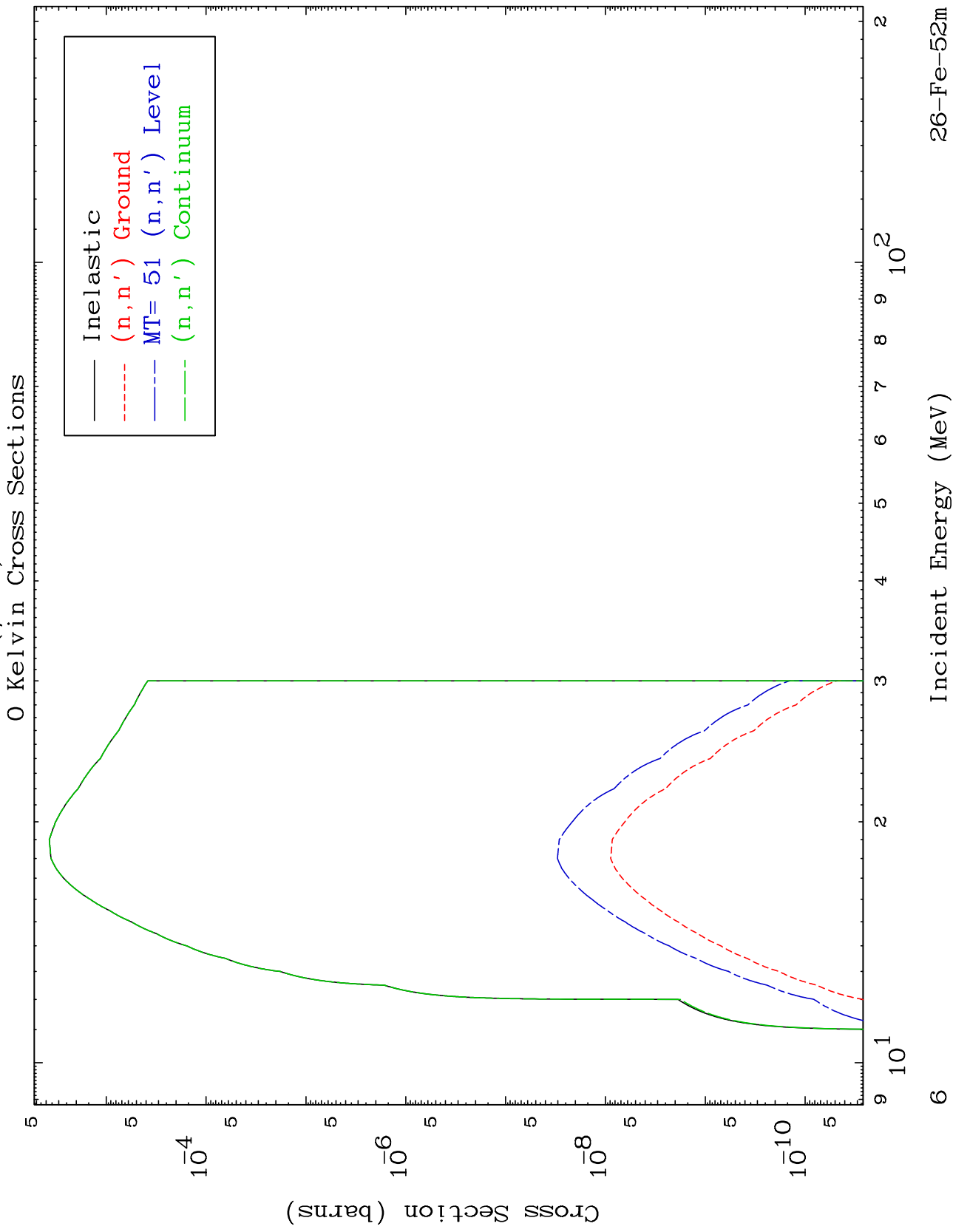
26-Fe-52m

Incident Energy (MeV)

MAT 2620

(γ, n') Levels

26-Fe-52m

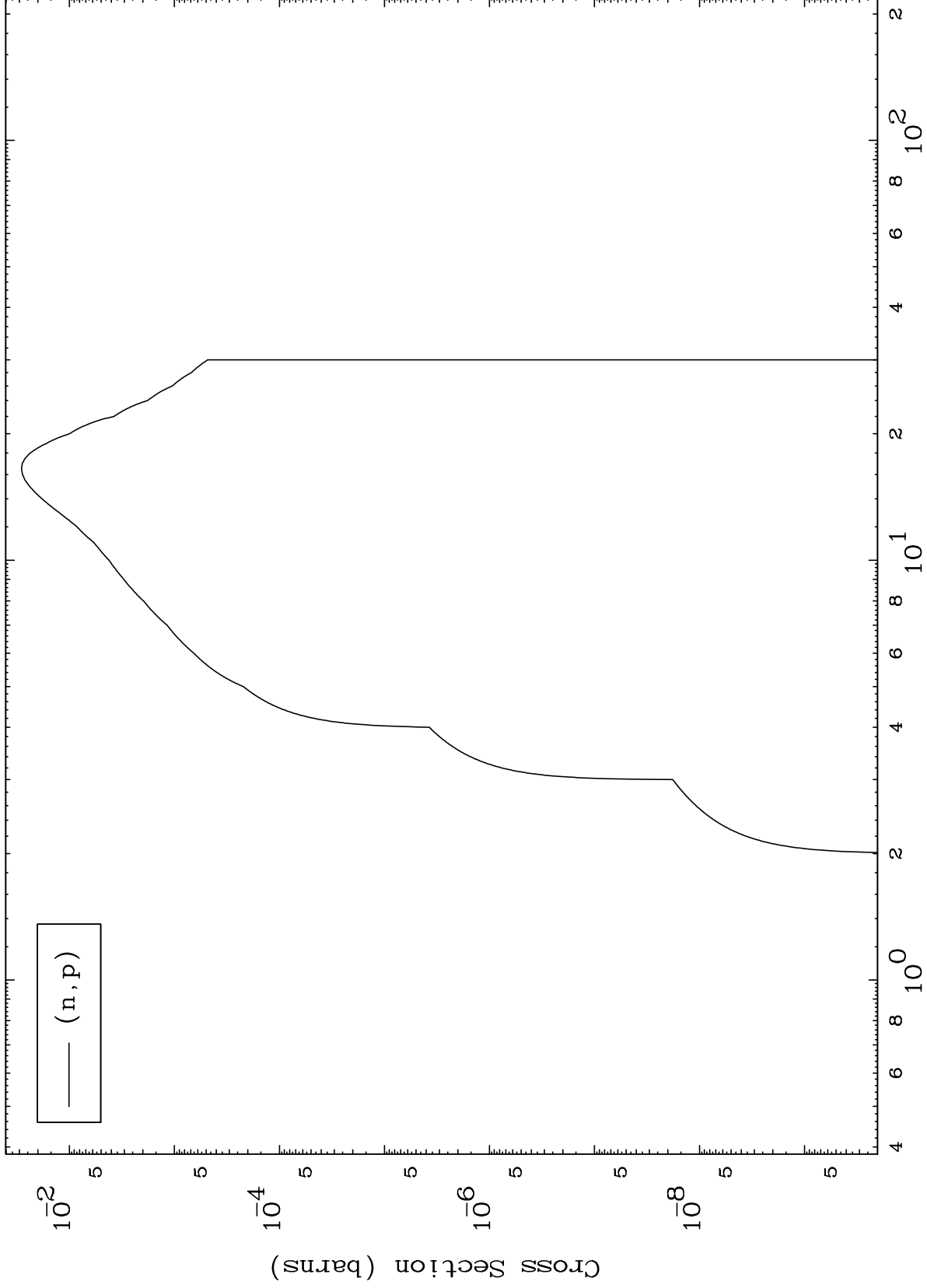


26-Fe-52m

MAT 2620

(γ, p) Levels
0 Kelvin Cross Sections

26-Fe-52m



7

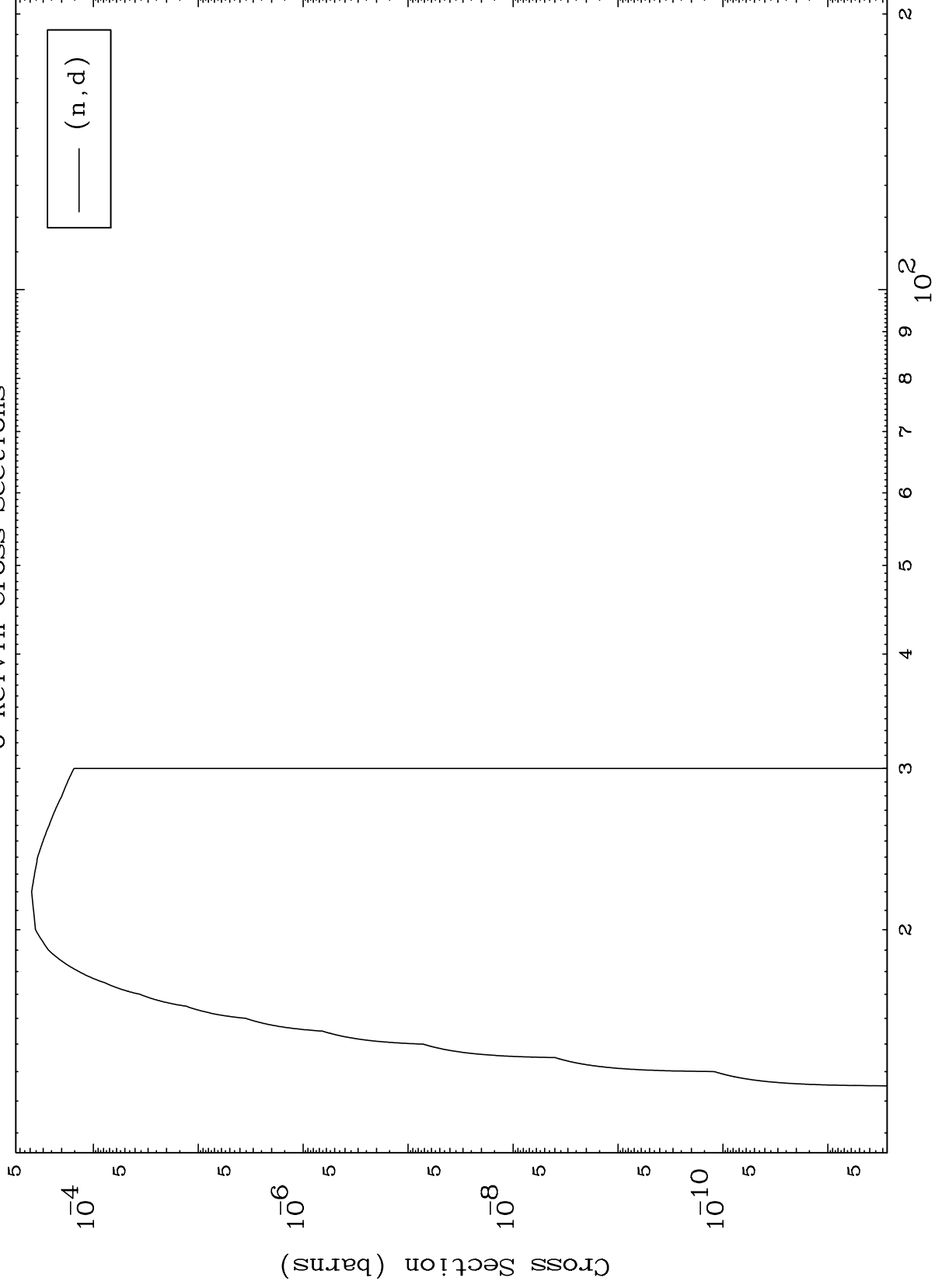
Incident Energy (MeV)

26-Fe-52m

MAT 2620

(γ, d) Levels
0 Kelvin Cross Sections

$^{26}\text{Fe-52m}$



8

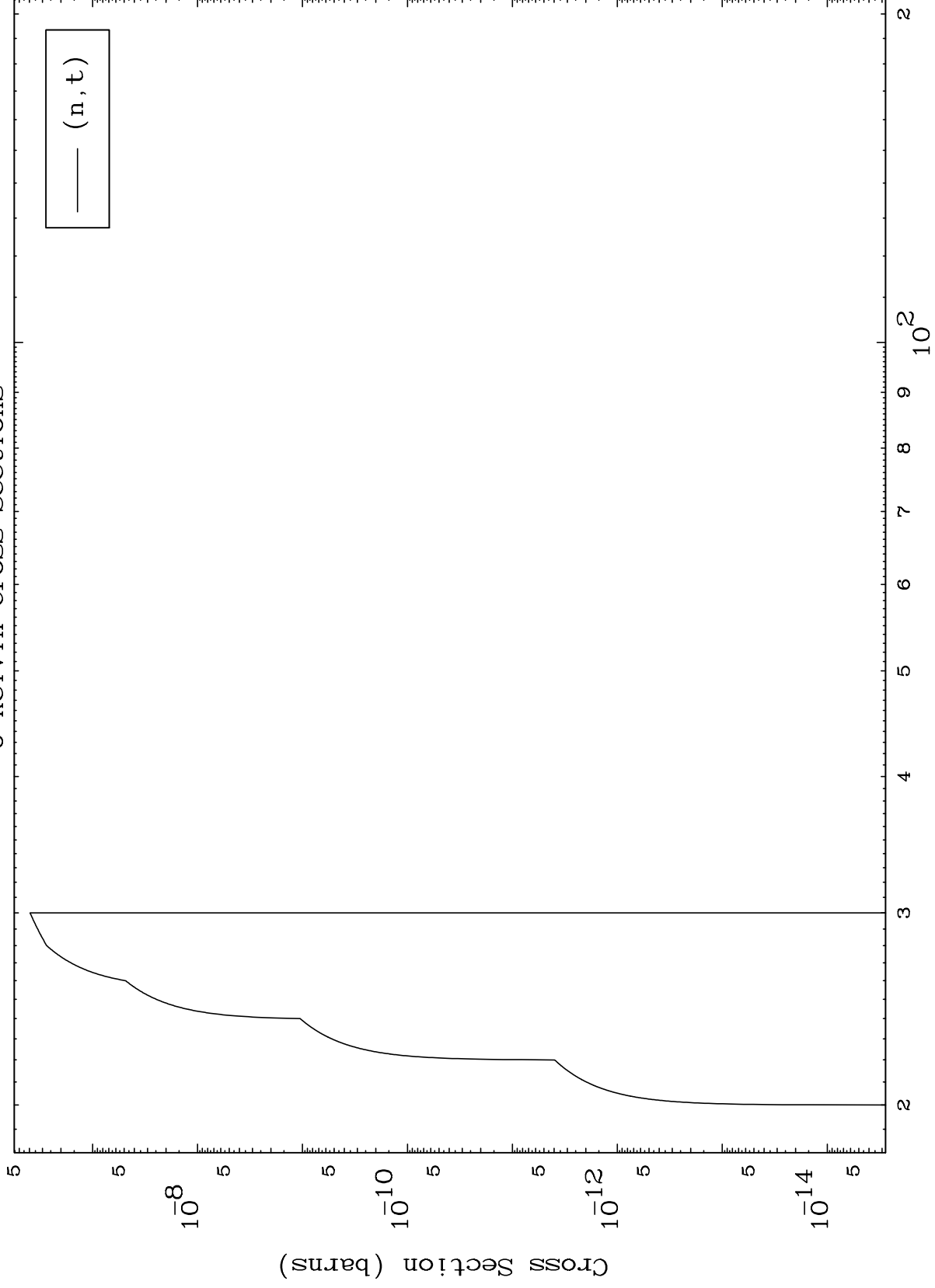
Incident Energy (MeV)

$^{26}\text{Fe-52m}$

MAT 2620

(γ, t) Levels
0 Kelvin Cross Sections

26-Fe-52m



9

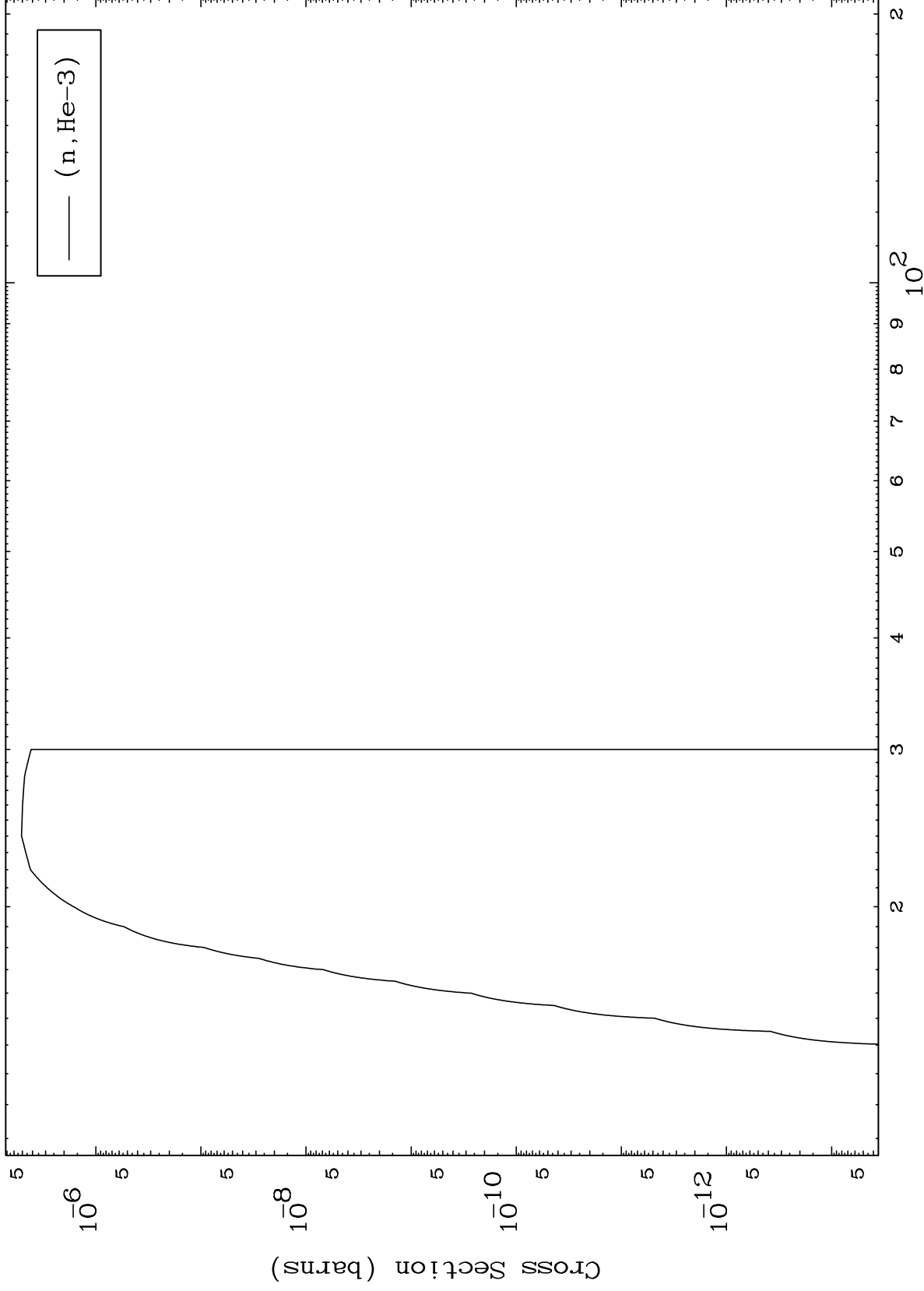
Incident Energy (MeV)

26-Fe-52m

MAT 2620

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

26-Fe-52m



10

Incident Energy (MeV)

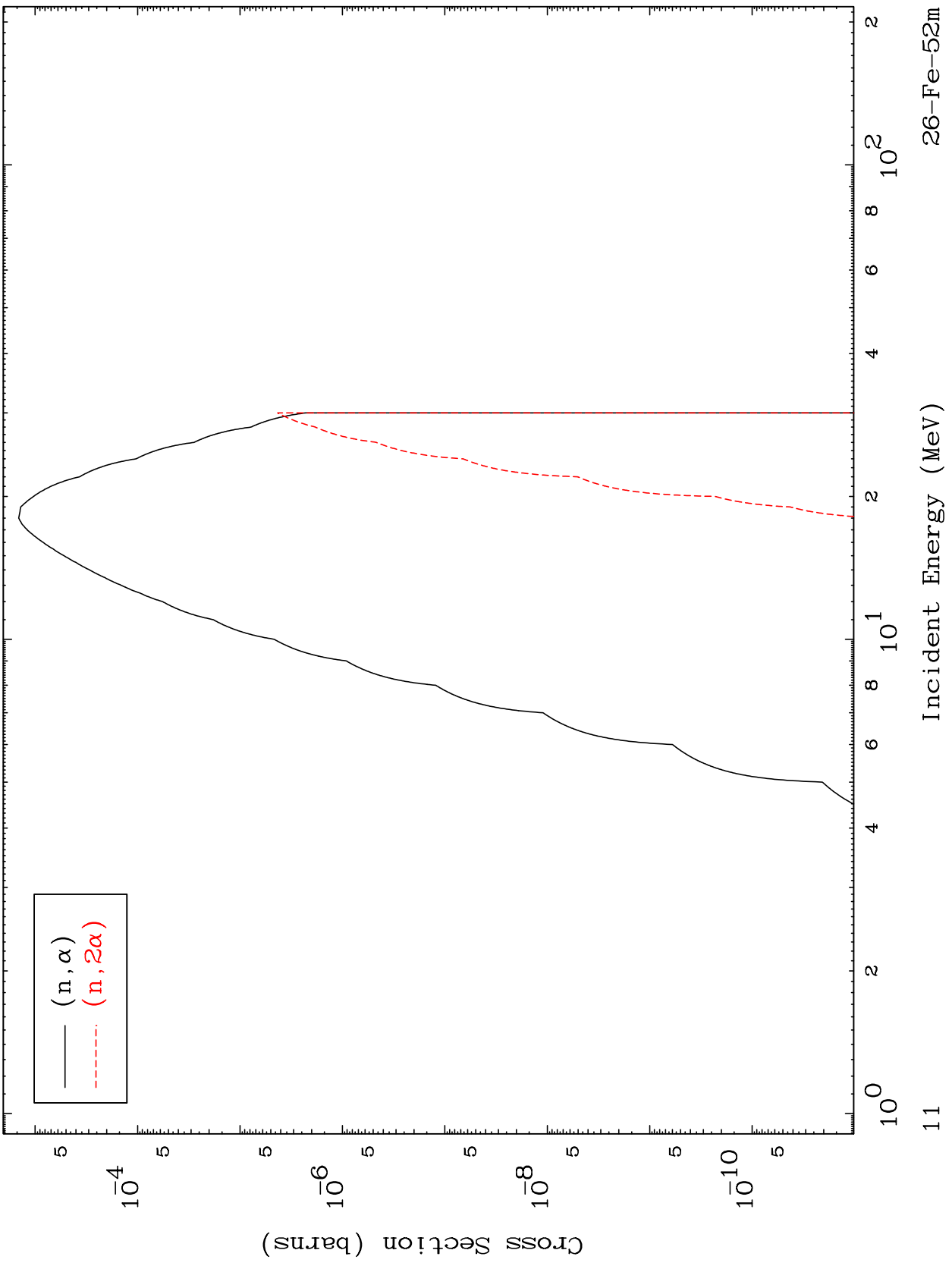
26-Fe-52m

MAT 2620

(γ, α) Levels

26-Fe-52m

0 Kelvin Cross Sections



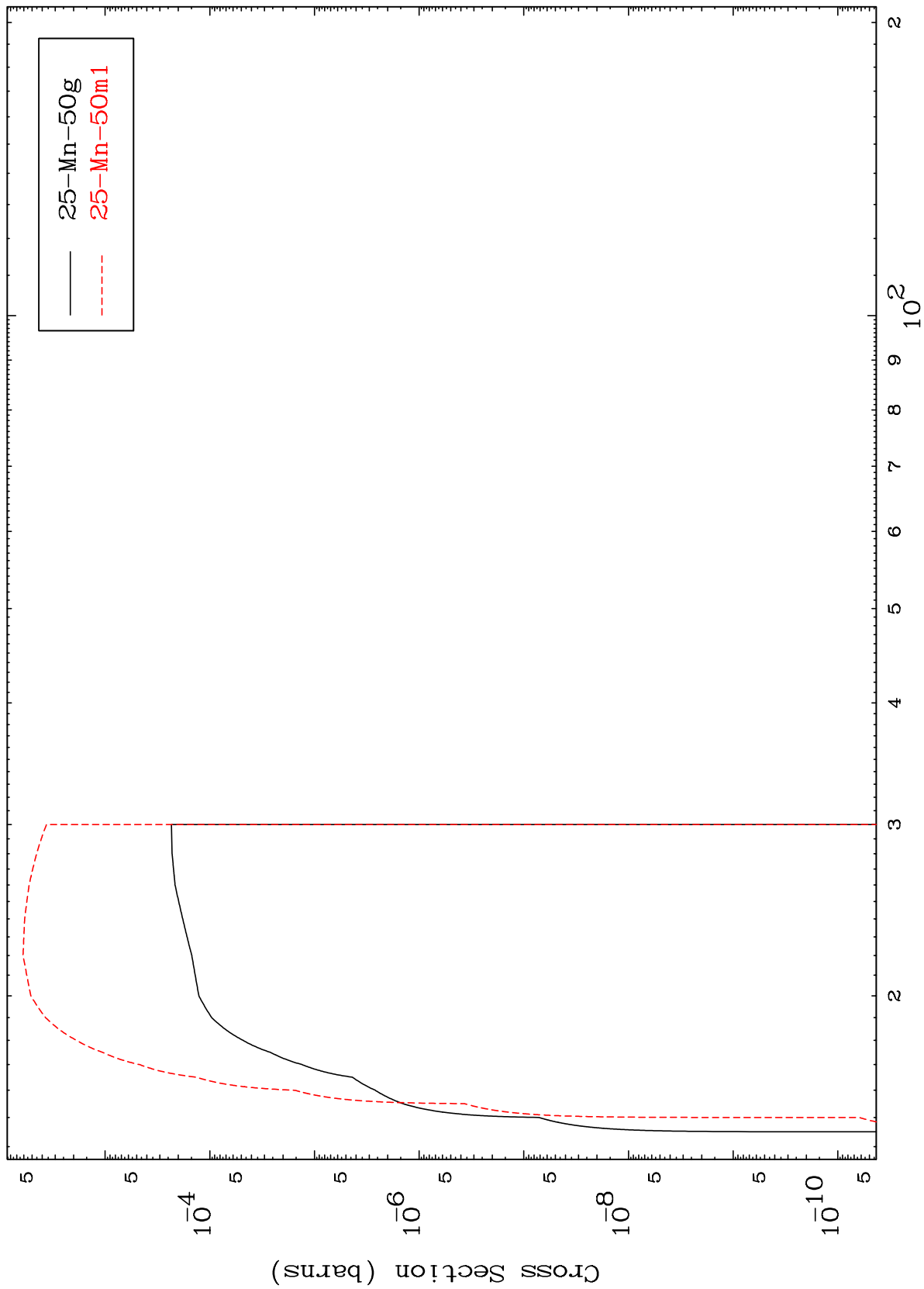
11

MAT 2620

(n,n') p

²⁶Fe-52m

Radionuclide Production Cross Section



12

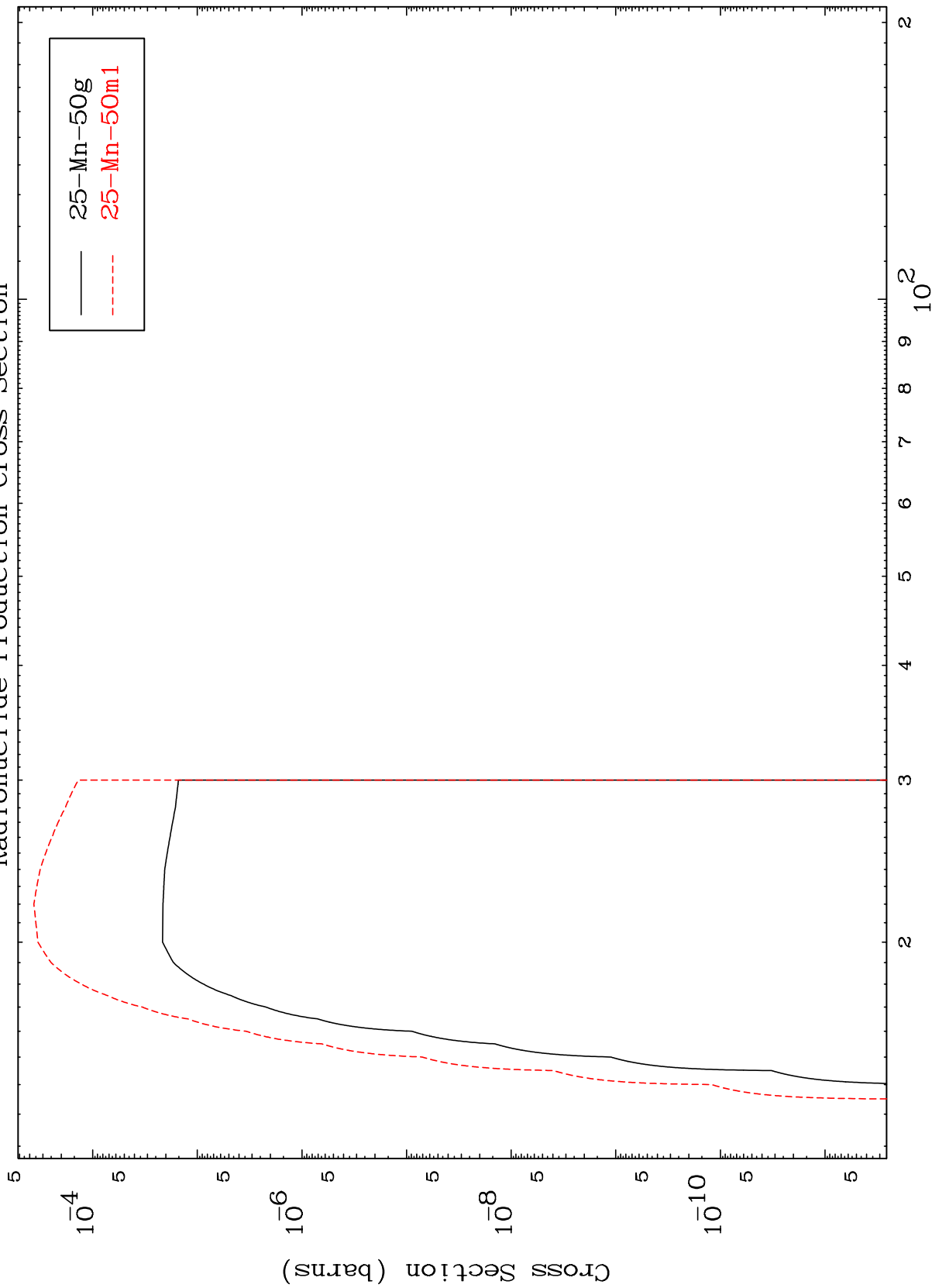
Incident Energy (MeV)

²⁶Fe-52m

MAT 2620

26-Fe-52m

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

26-Fe-52m

13