

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

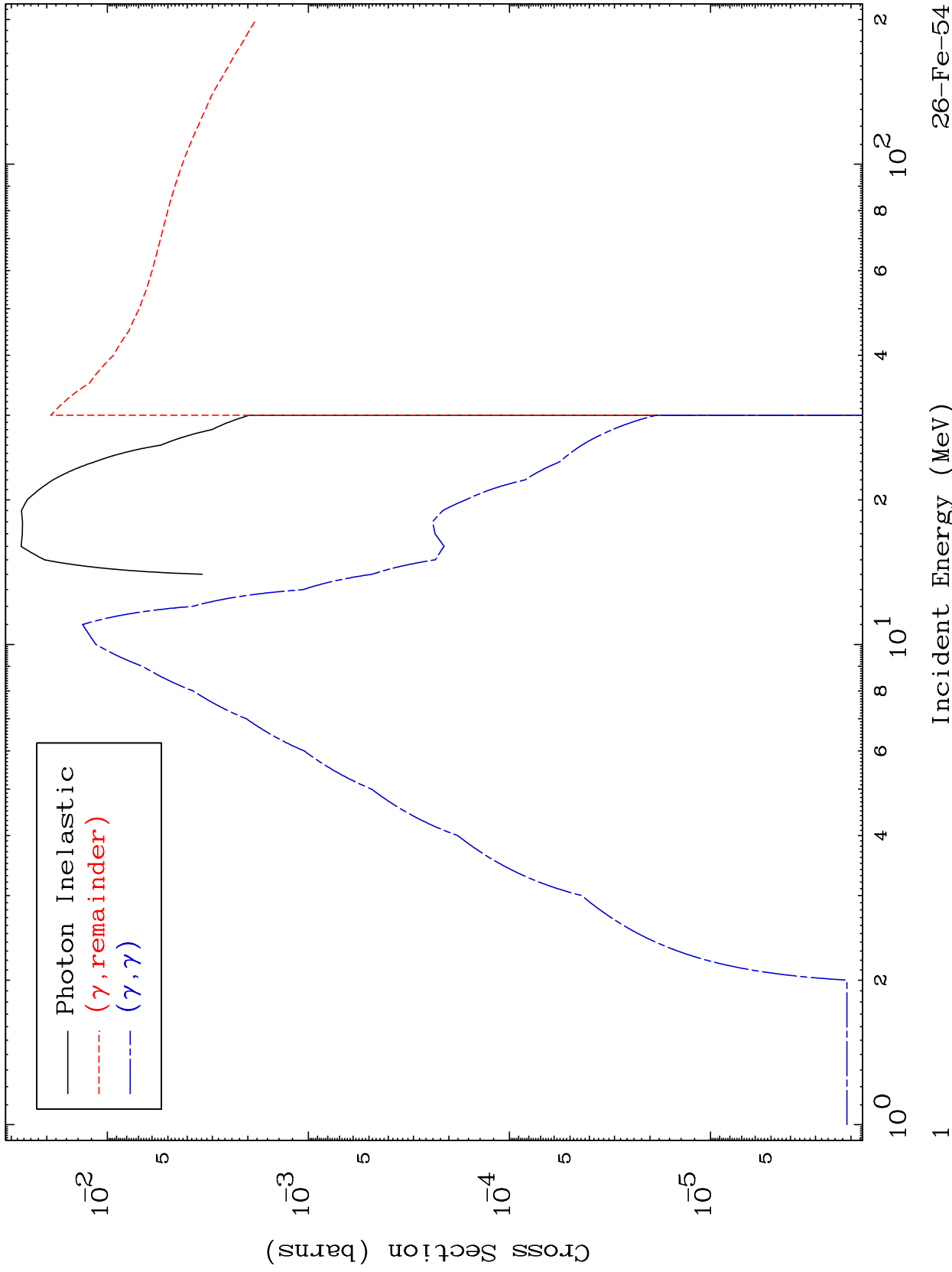
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

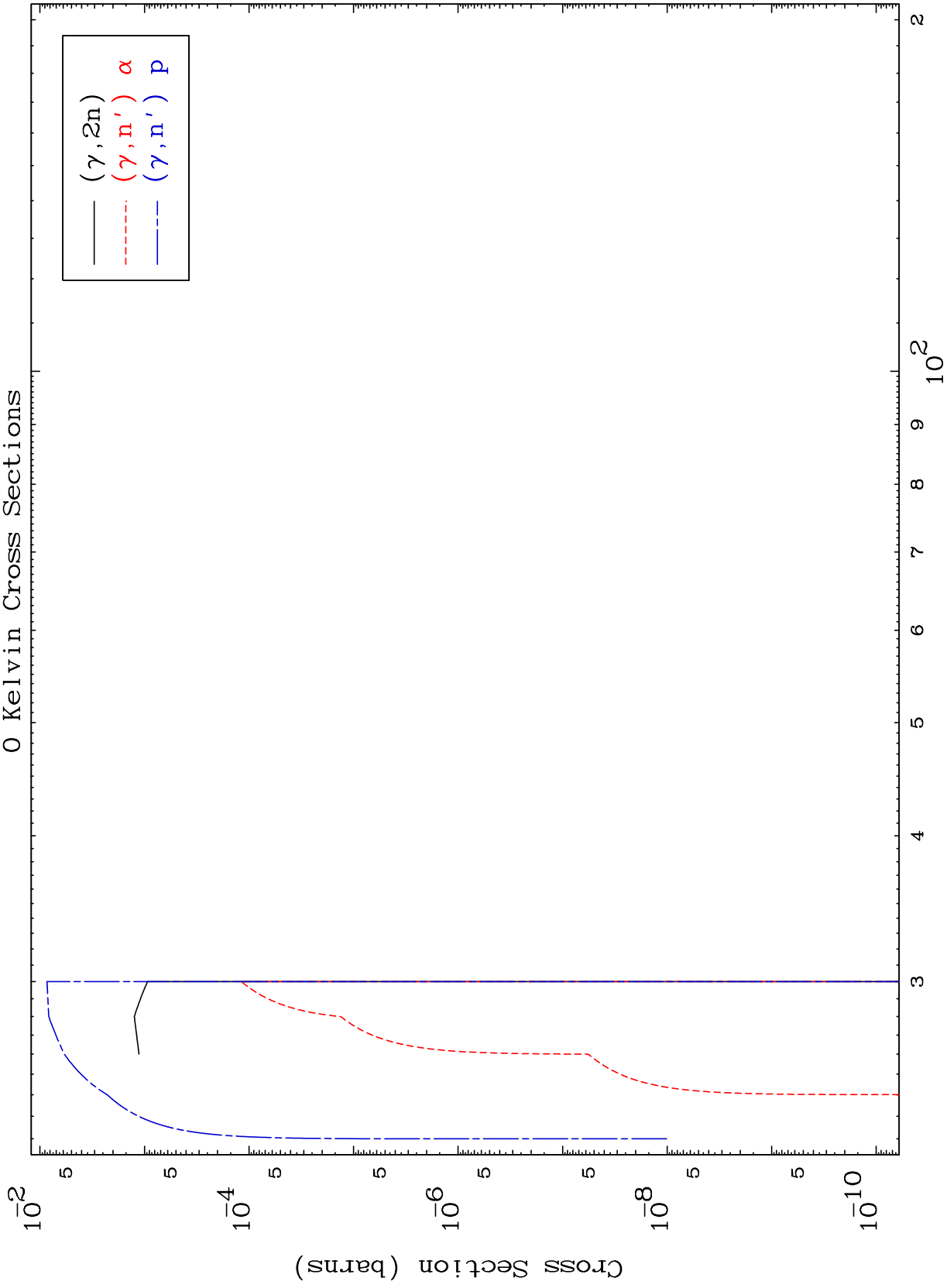
Press Mouse Button to Start

MAT 2625

Photon Major
0 Kelvin Cross Sections

26-Fe-54

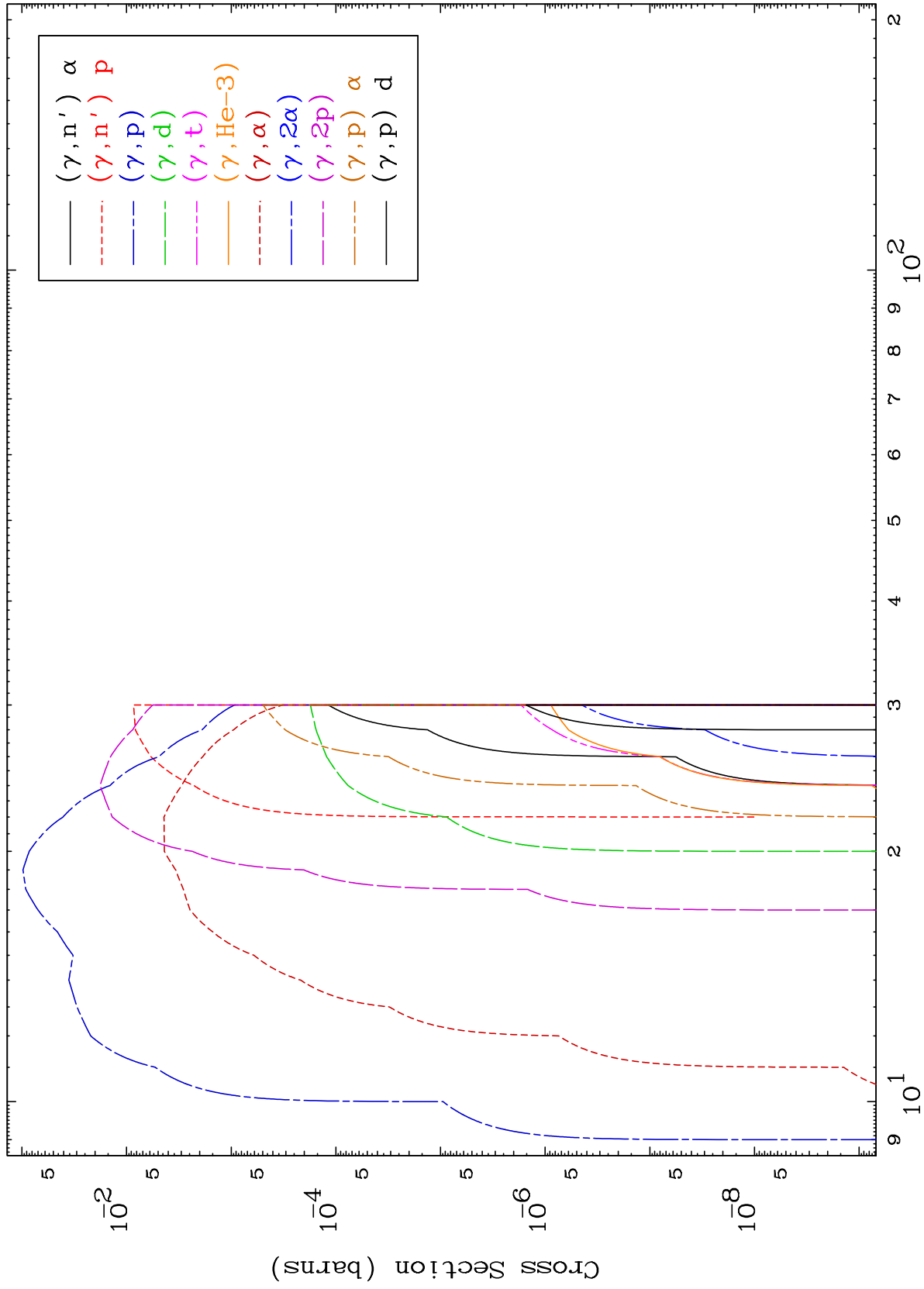




MAT 2625

Photon Charged Particle
0 Kelvin Cross Sections

26-Fe-54



26-Fe-54

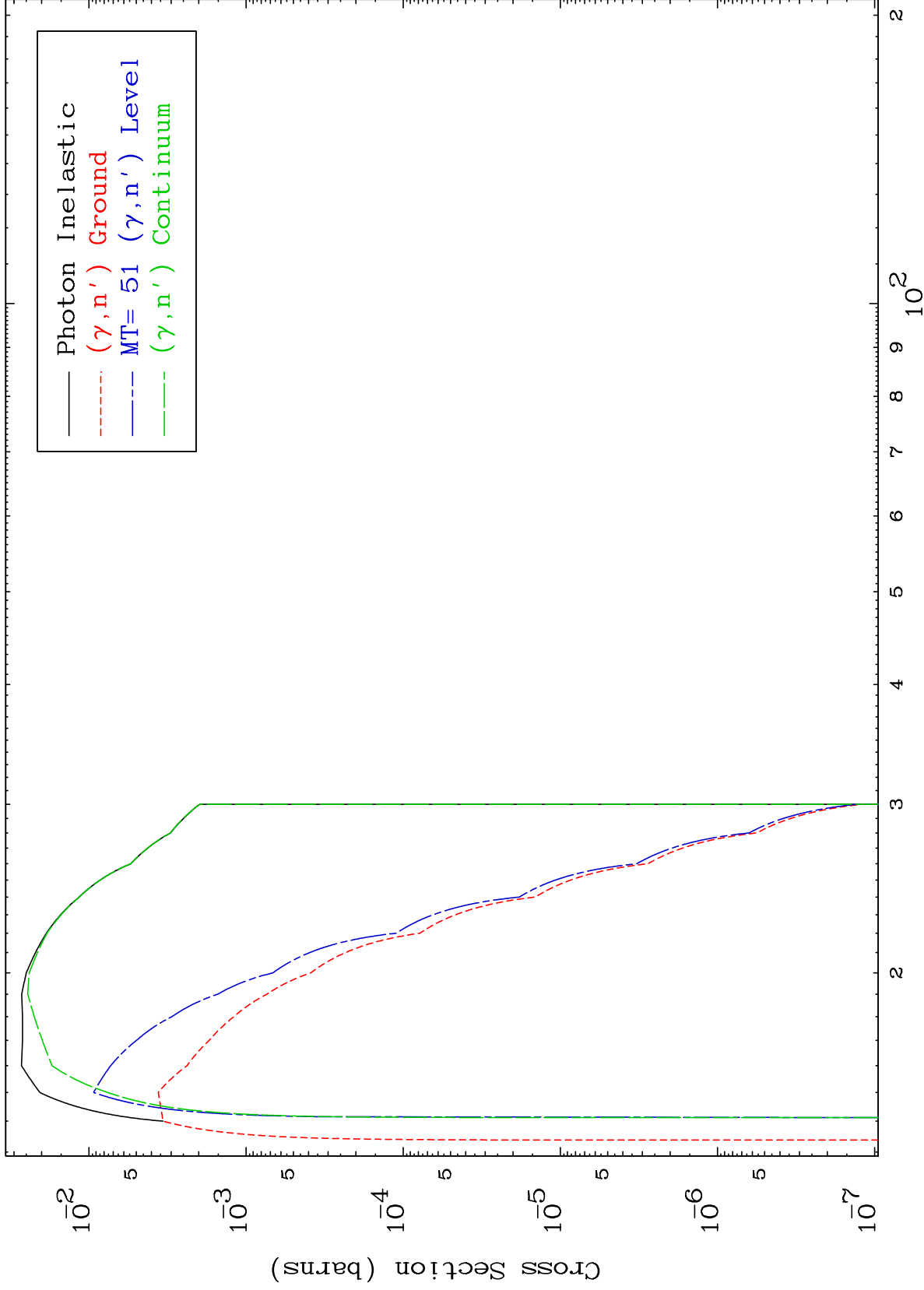
Incident Energy (MeV)

3

MAT 2625

(γ, n') Level
0 Kelvin Cross Sections

$^{26}\text{Fe-54}$



4

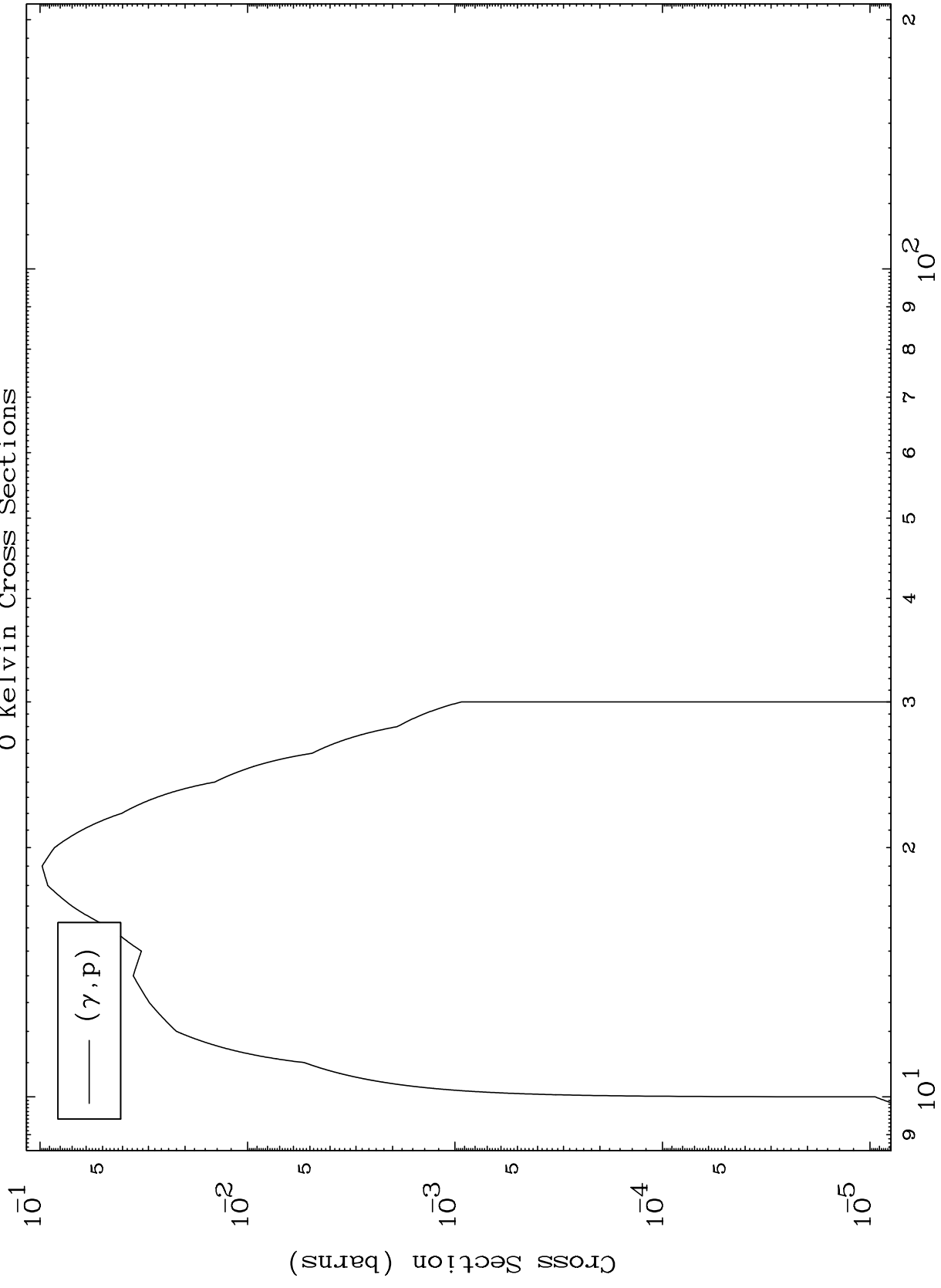
Incident Energy (MeV)

$^{26}\text{Fe-54}$

MAT 2625

(γ, p) Levels
0 Kelvin Cross Sections

$^{26}\text{Fe-54}$



5

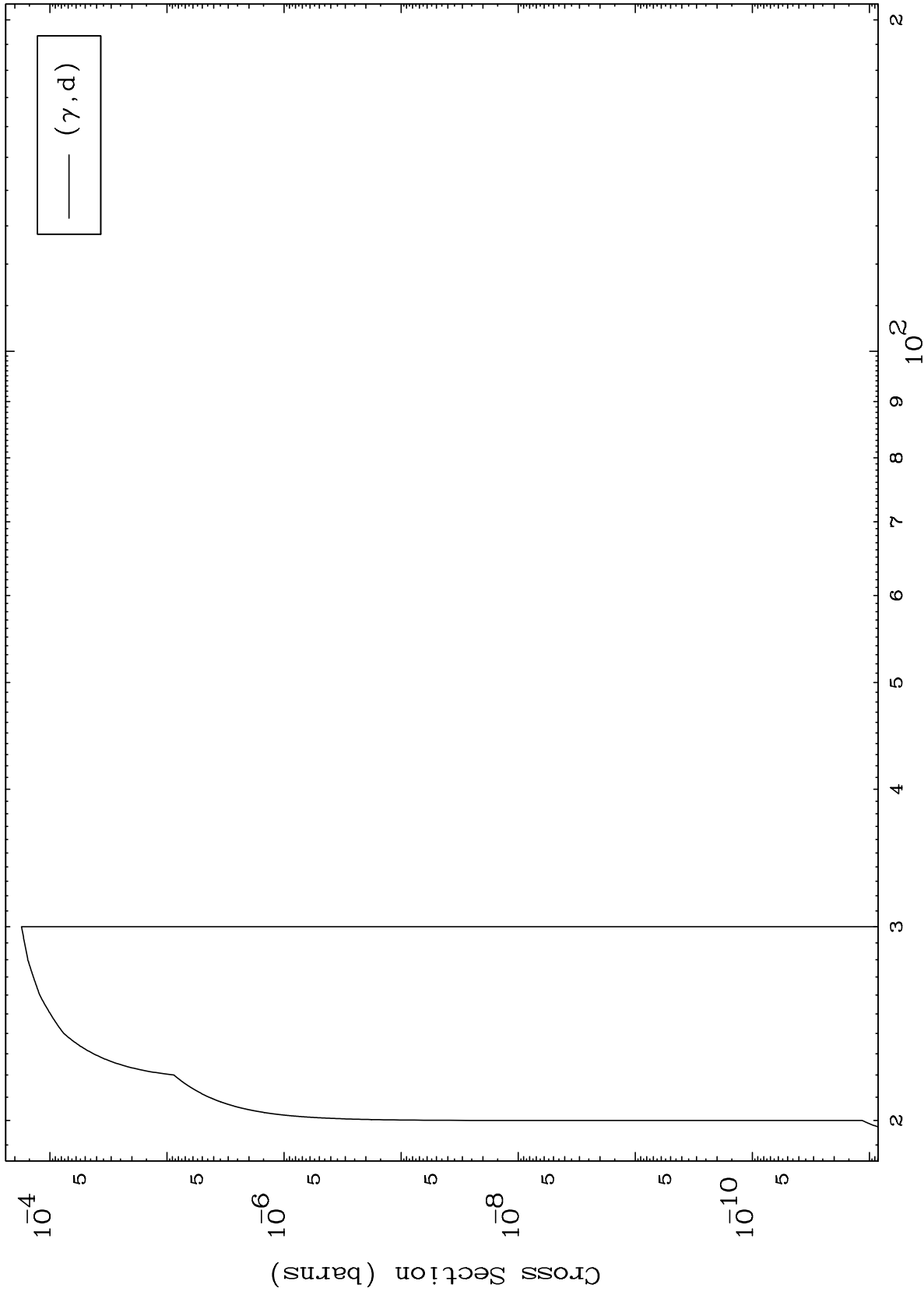
Incident Energy (MeV)

$^{26}\text{Fe-54}$

MAT 2625

(γ, d) Levels
0 Kelvin Cross Sections

$^{26}\text{Fe-54}$



6

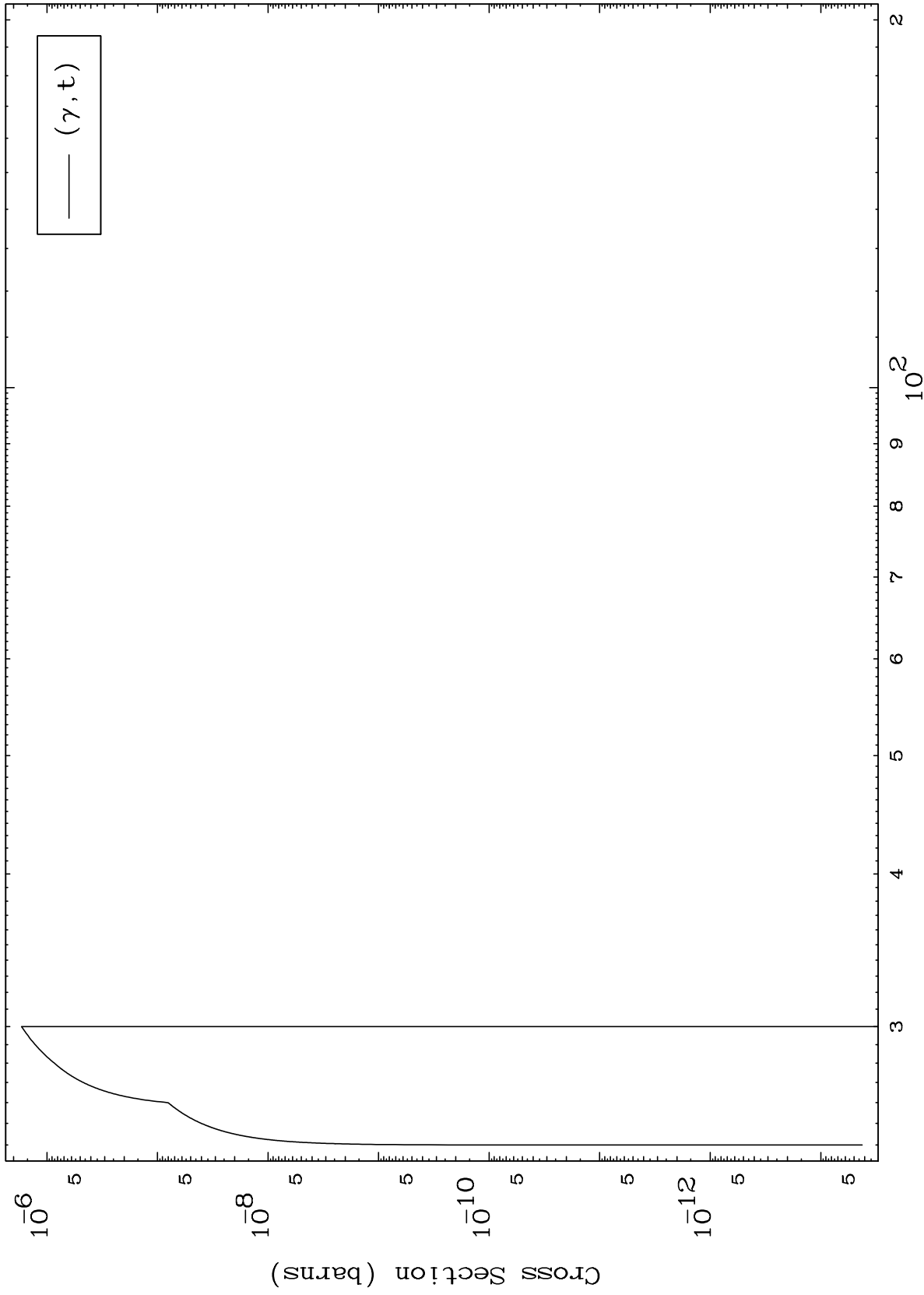
Incident Energy (MeV)

$^{26}\text{Fe-54}$

MAT 2625

(γ, t) Levels
0 Kelvin Cross Sections

$^{26}\text{Fe-54}$



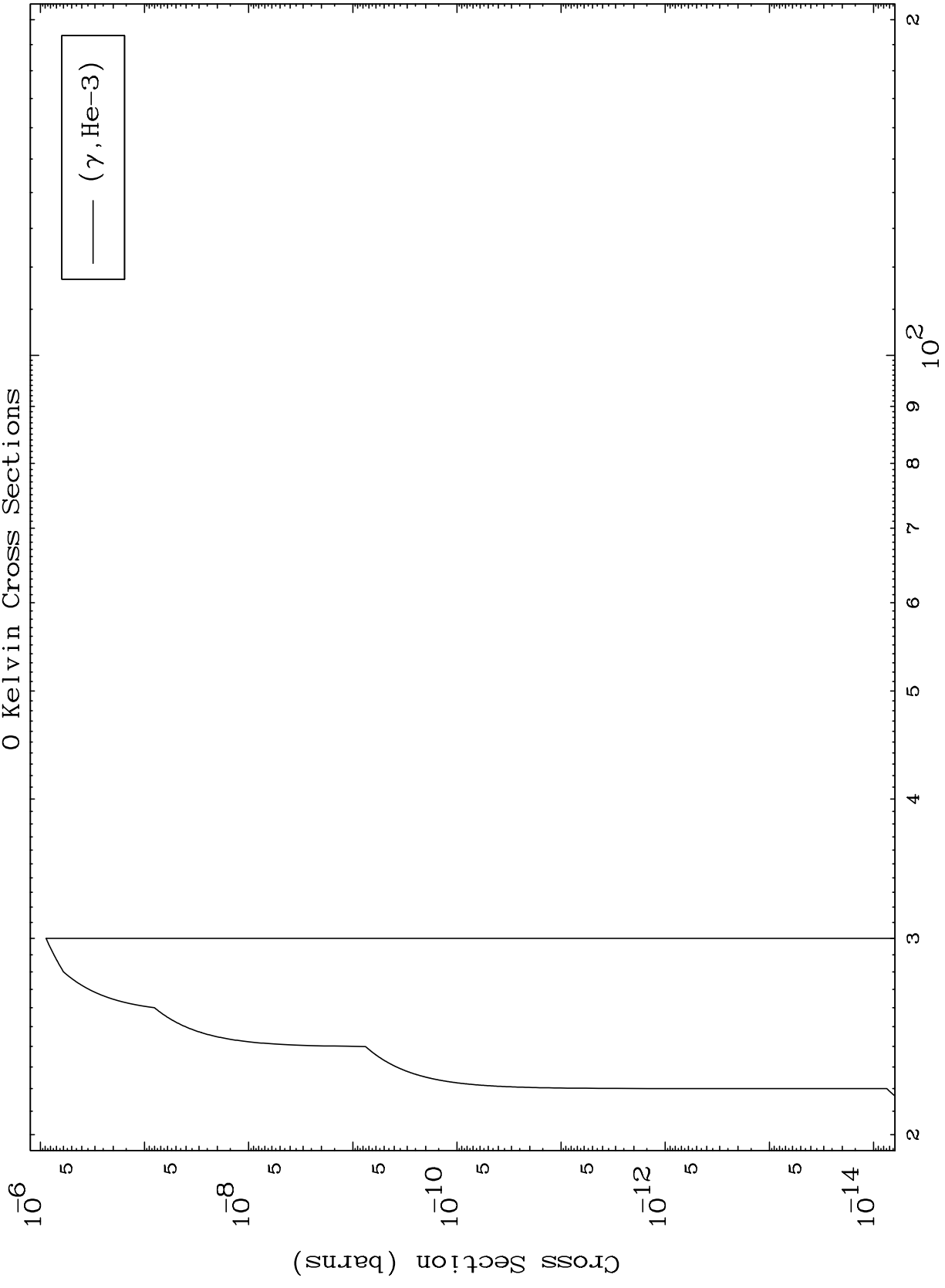
7

$^{26}\text{Fe-54}$

MAT 2625

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

$^{26}\text{Fe-54}$



8

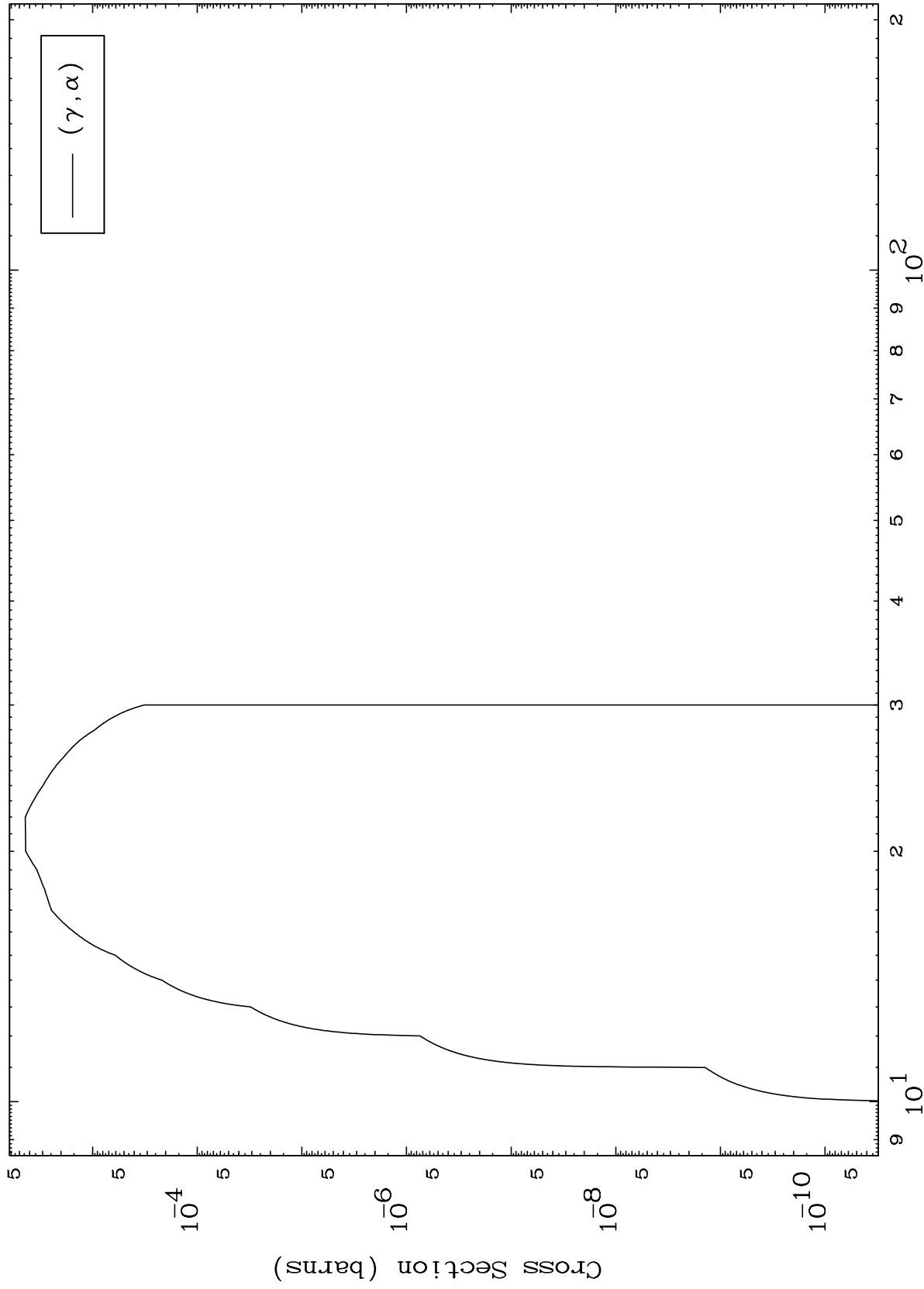
Incident Energy (MeV)

$^{26}\text{Fe-54}$

MAT 2625

(γ, α) Levels
0 Kelvin Cross Sections

26-Fe-54



26-Fe-54

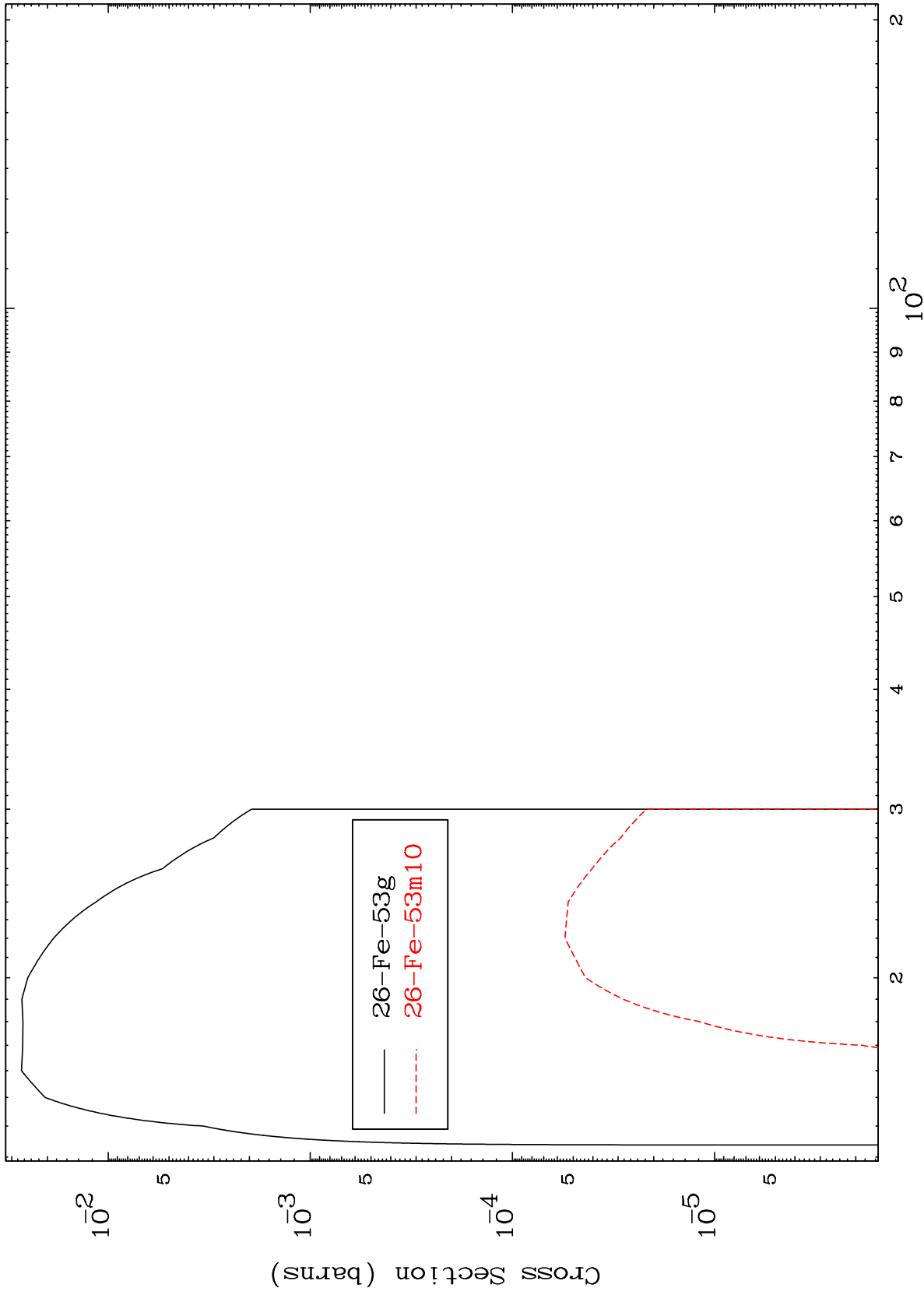
Incident Energy (MeV)

9

MAT 2625

Photon Inelastic
Radionuclide Production Cross Section

²⁶Fe-54



10

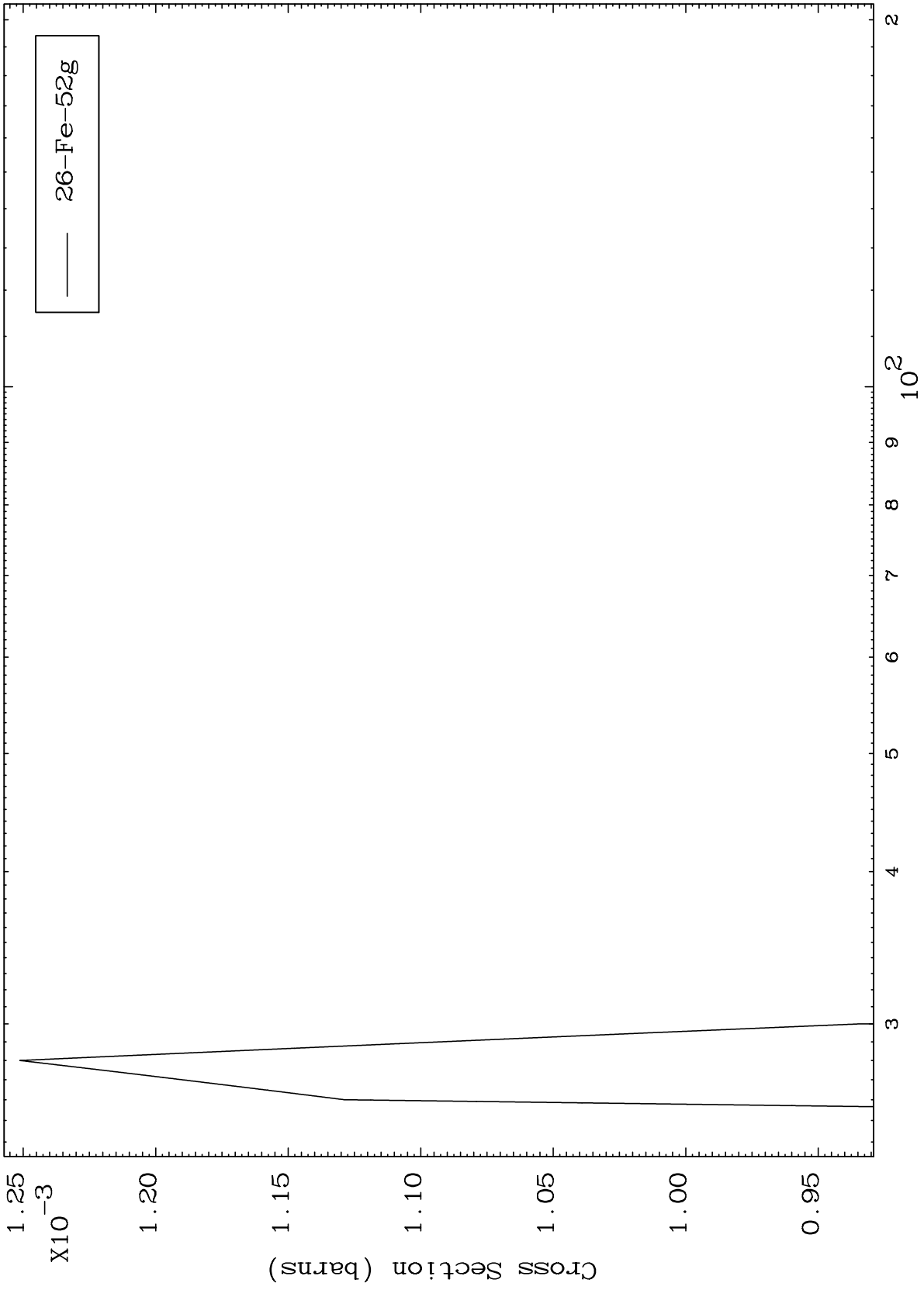
Incident Energy (MeV)

²⁶Fe-54

MAT 2625

Radionuclide Production Cross Section
($\gamma, 2n$)

26-Fe-54



26-Fe-54

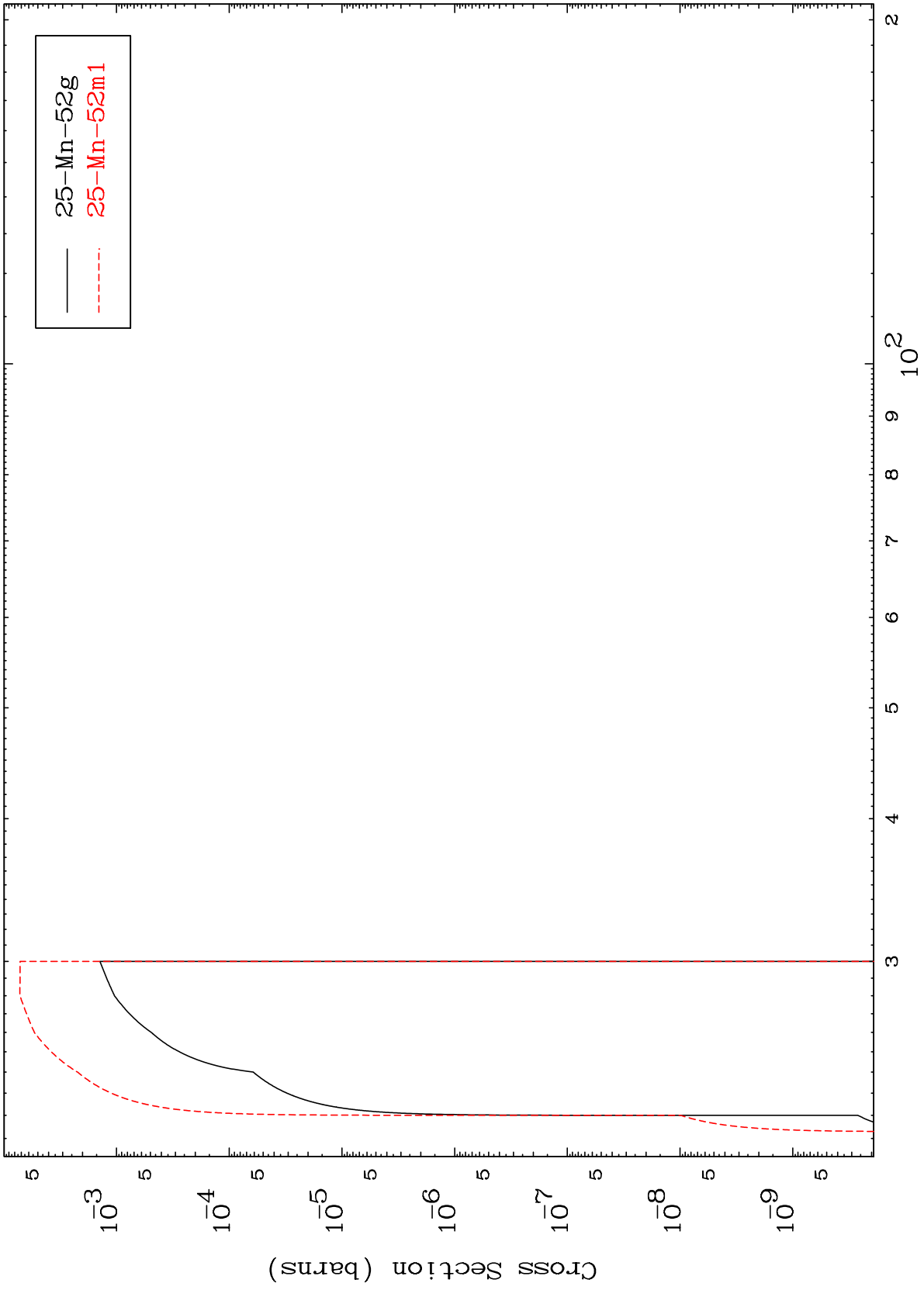
Incident Energy (MeV)

11

MAT 2625

²⁶Fe-54

(γ, n') p
Radionuclide Production Cross Section



12

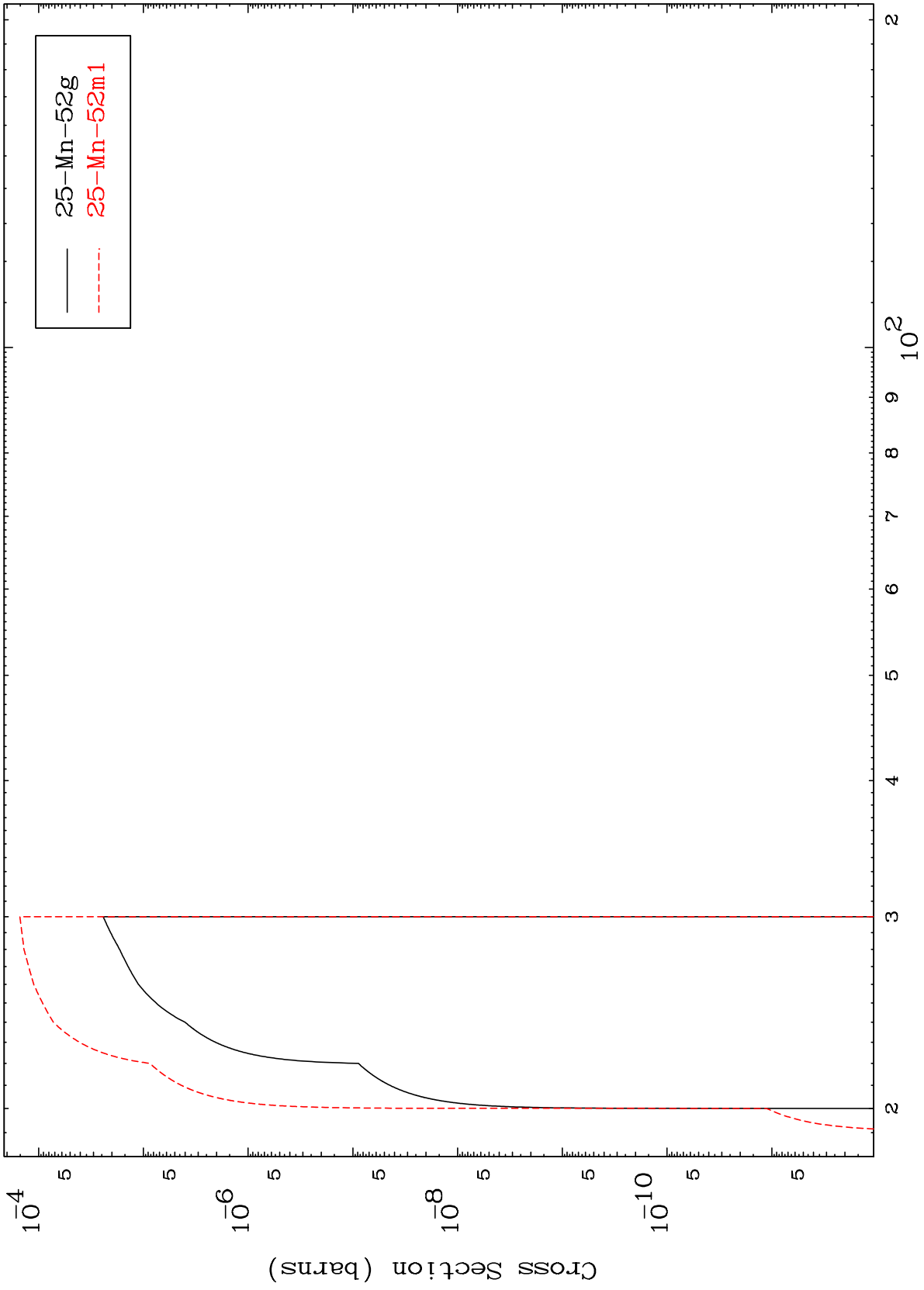
Incident Energy (MeV)

²⁶Fe-54

MAT 2625

²⁶Fe-54

(γ, d)
Radionuclide Production Cross Section



13

²⁶Fe-54