

Program EVALPLOT  
(Version 2018-1)

by

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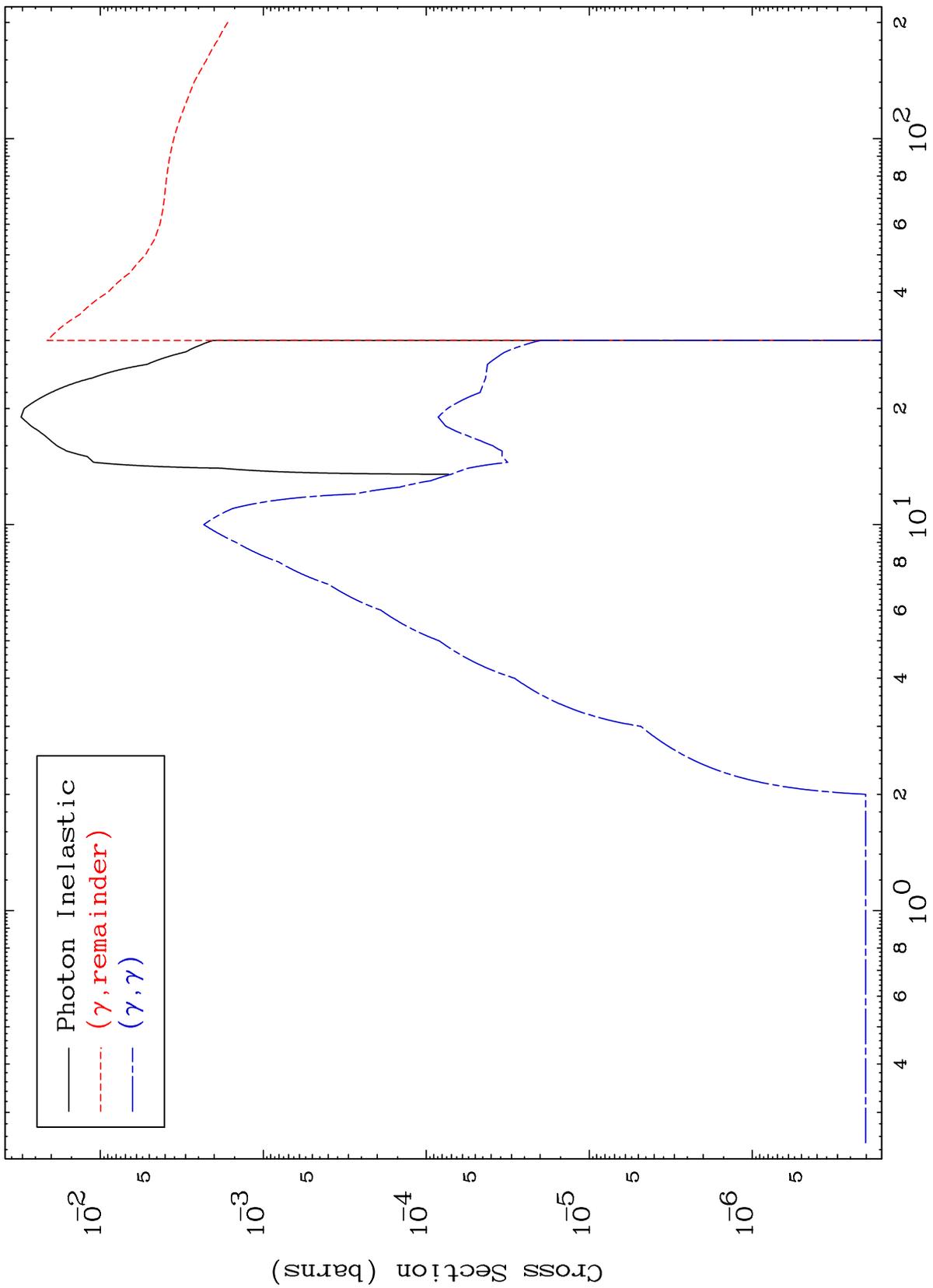
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2625

Photon Major  
0 Kelvin Cross Sections

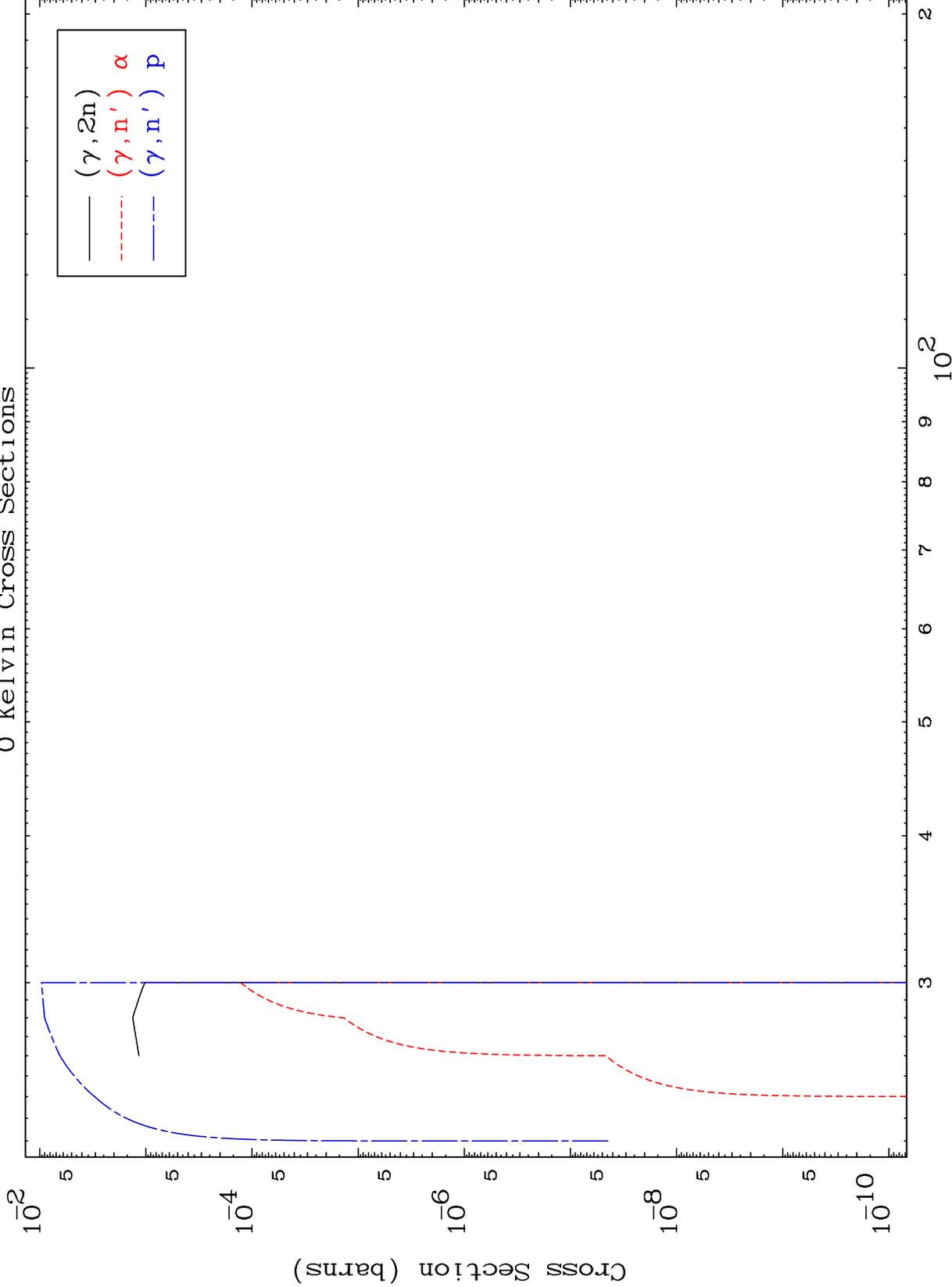
26-Fe-54



MAT 2625

Photon Neutron Production  
0 Kelvin Cross Sections

26-Fe-54



2

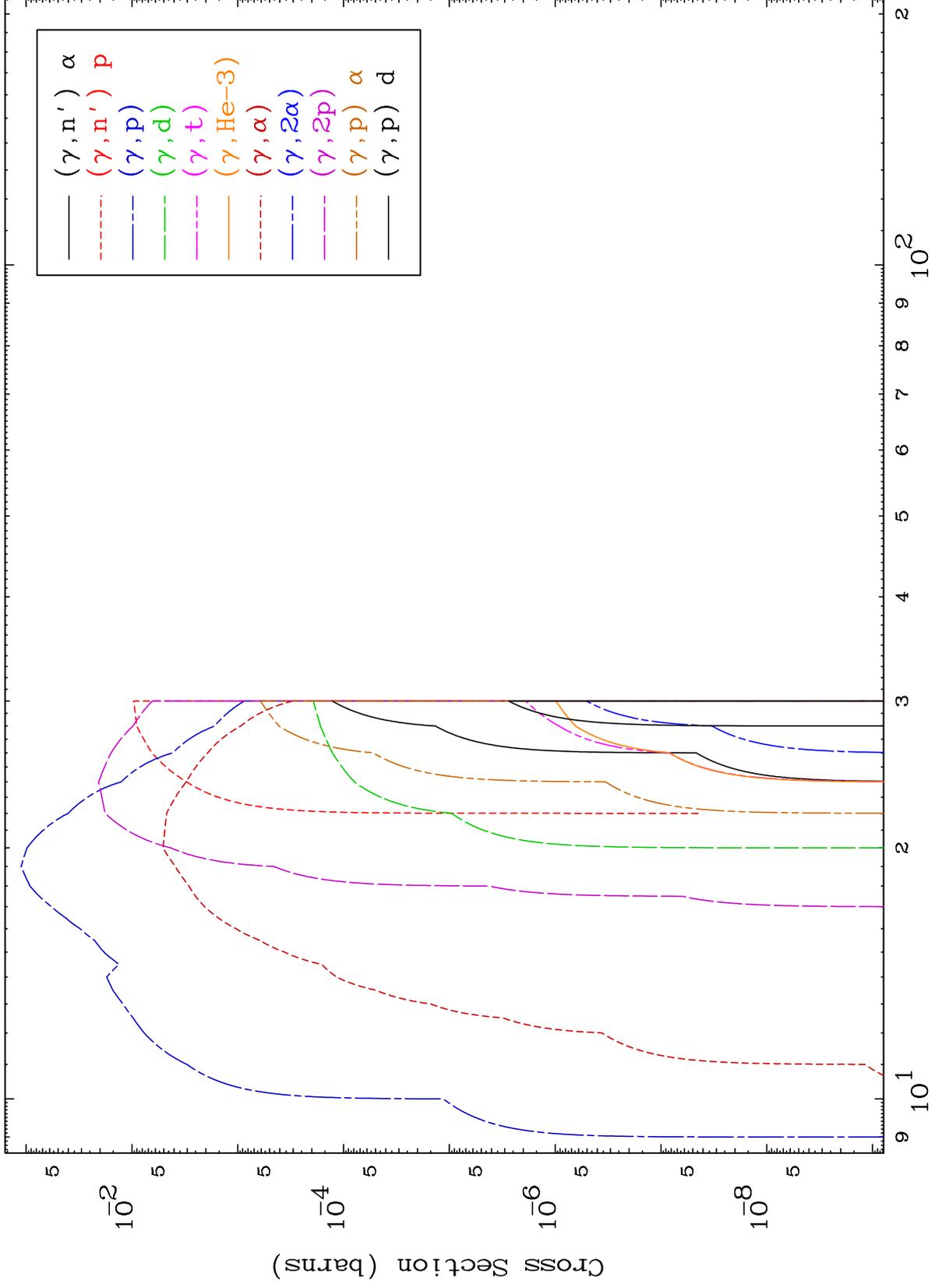
Incident Energy (MeV)

26-Fe-54

MAT 2625

Photon Charged Particle  
0 Kelvin Cross Sections

26-Fe-54



Incident Energy (MeV)

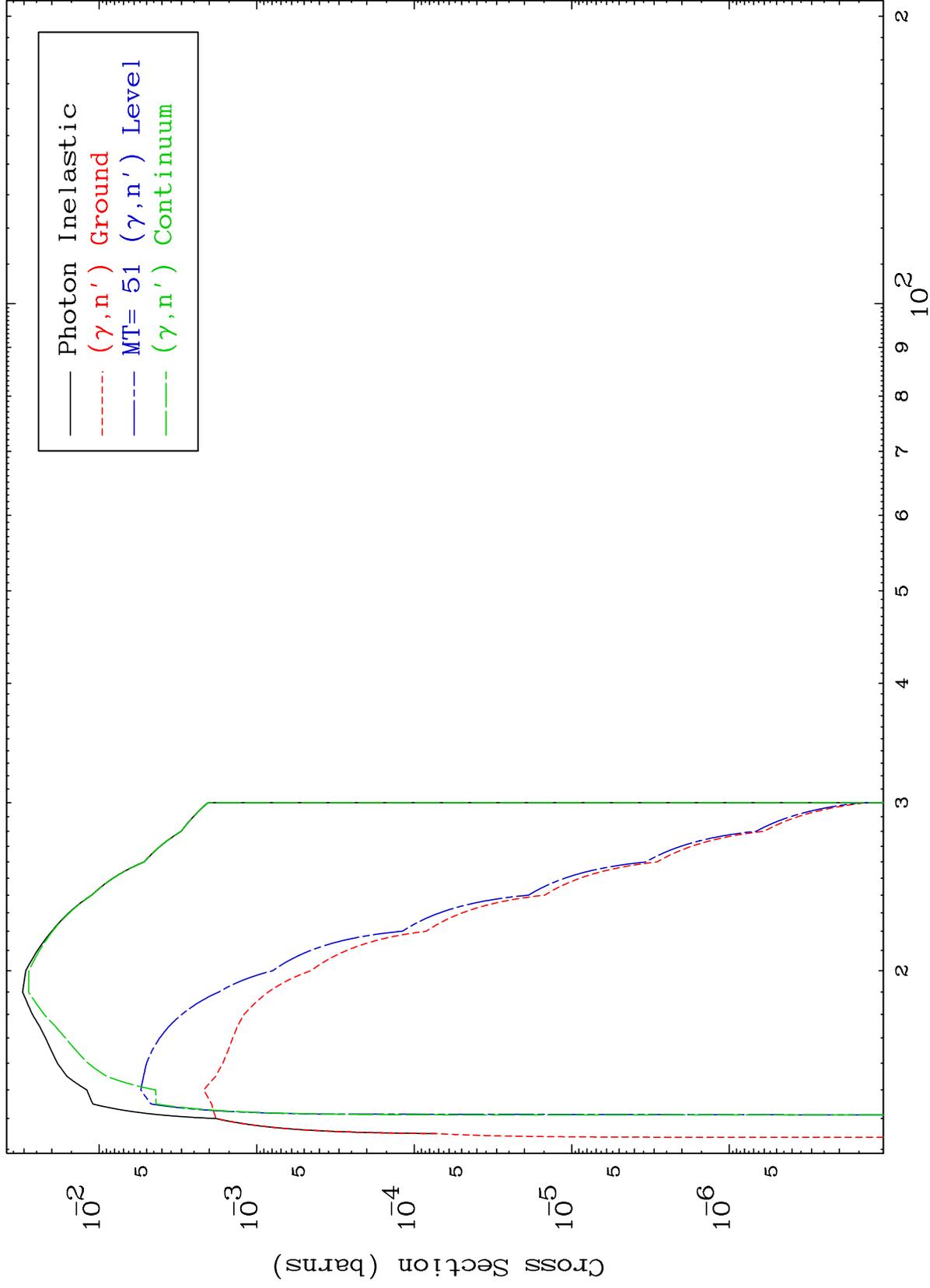
26-Fe-54

MAT 2625

$(\gamma, n')$  Level

26-Fe-54

0 Kelvin Cross Sections



4

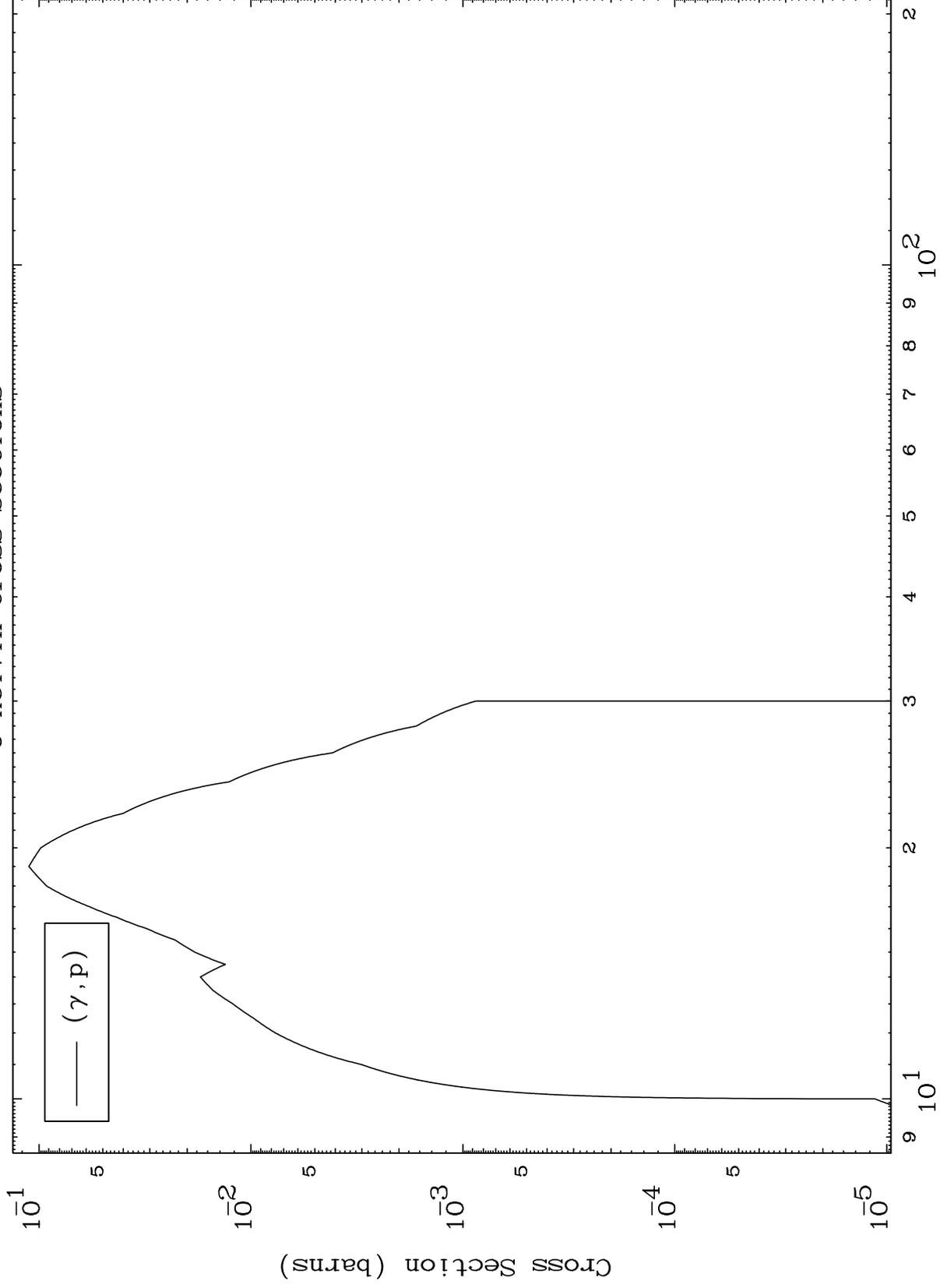
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

26-Fe-54



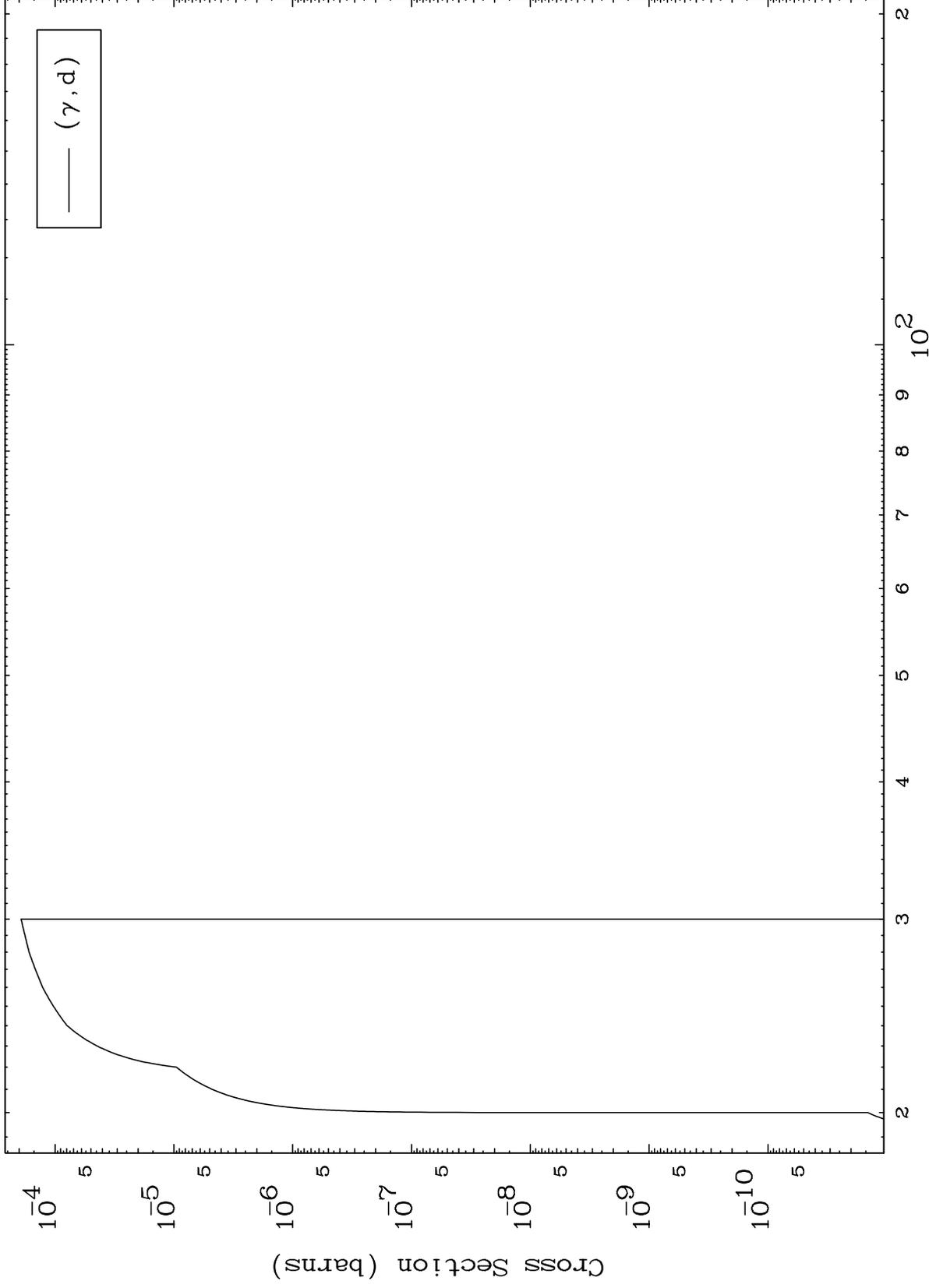
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

26-Fe-54



6

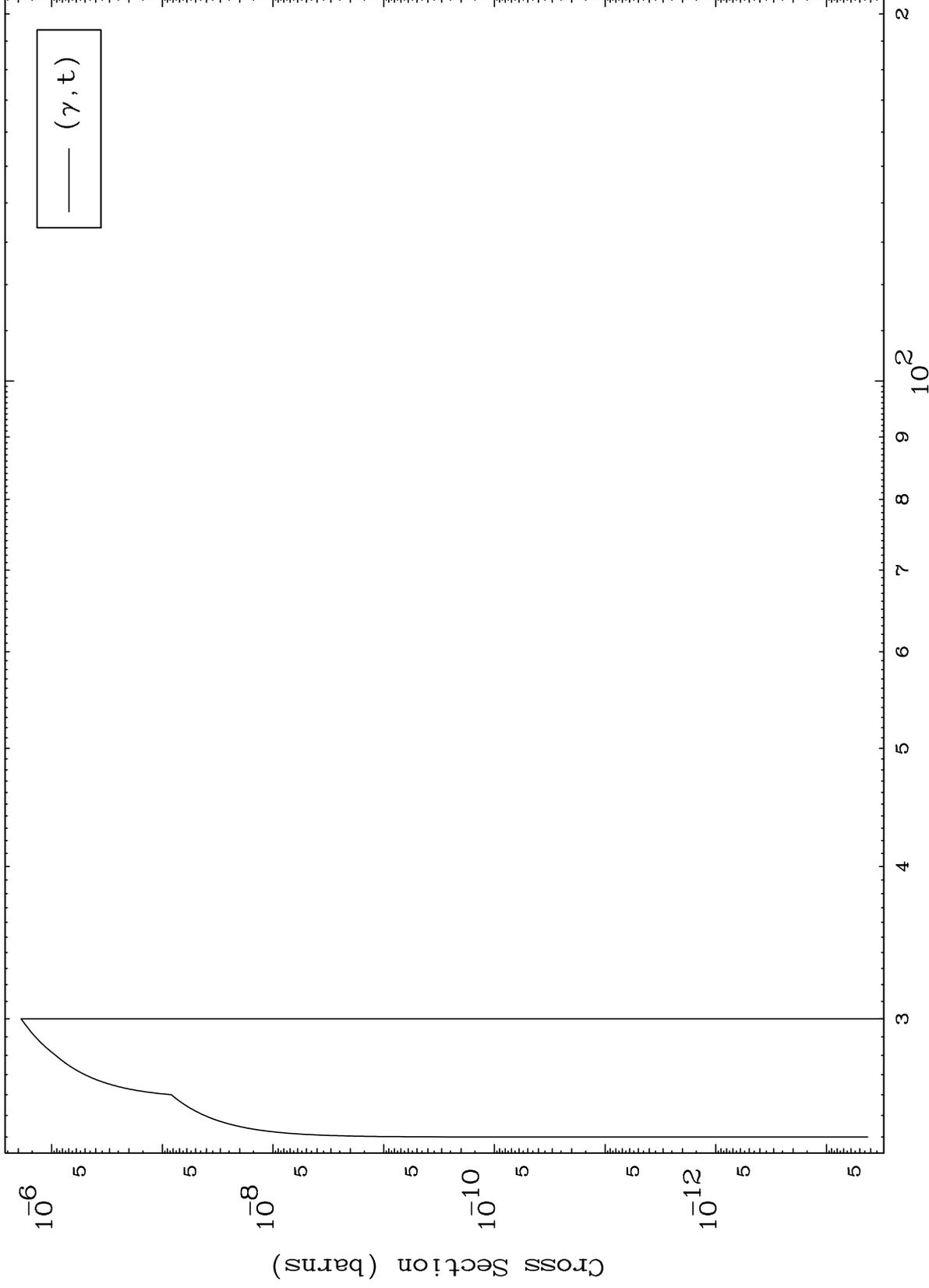
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

26-Fe-54



7

Incident Energy (MeV)

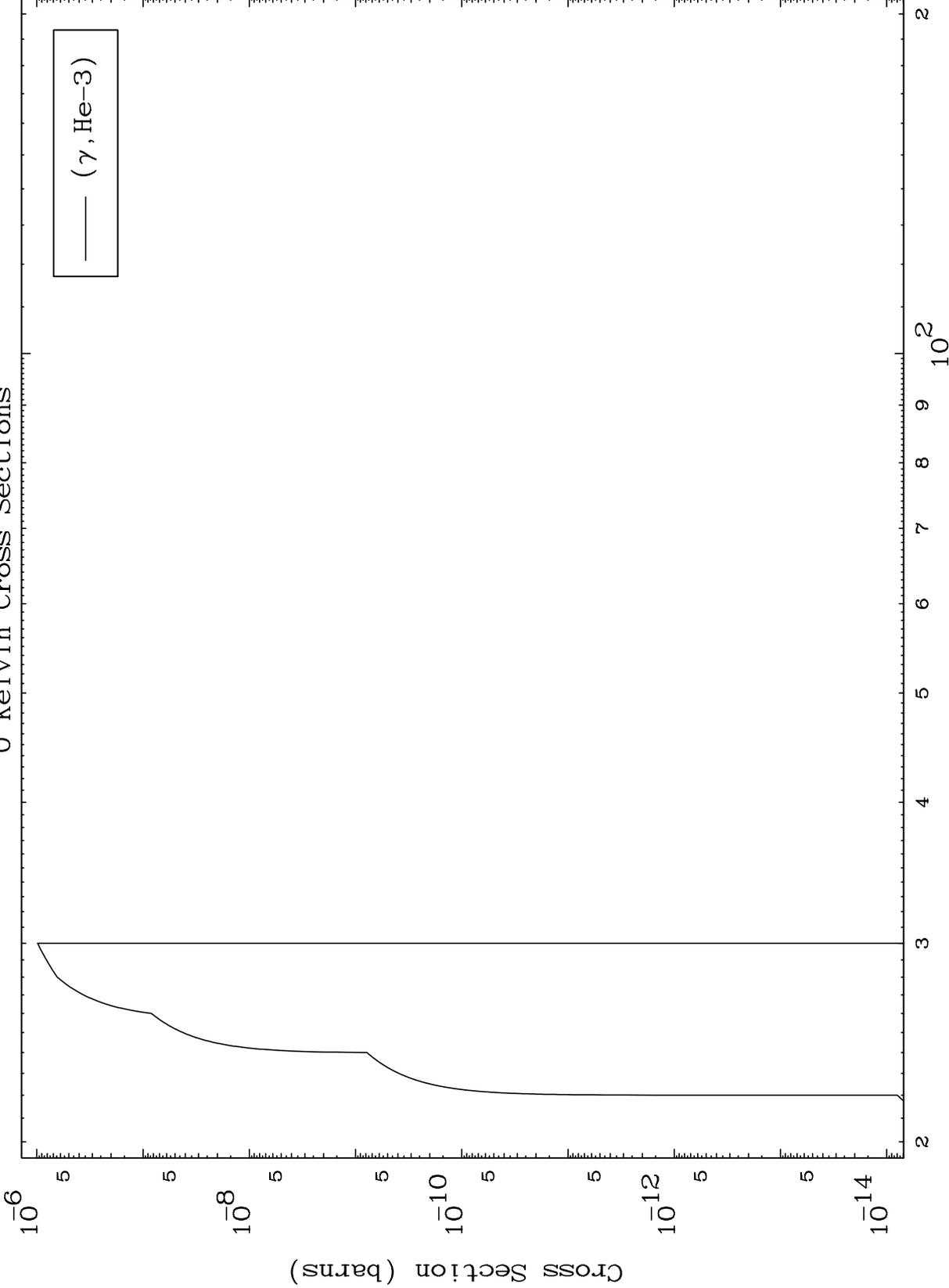
26-Fe-54

MAT 2625

( $\gamma, \text{He}3$ ) Levels

26-Fe-54

0 Kelvin Cross Sections



Incident Energy (MeV)

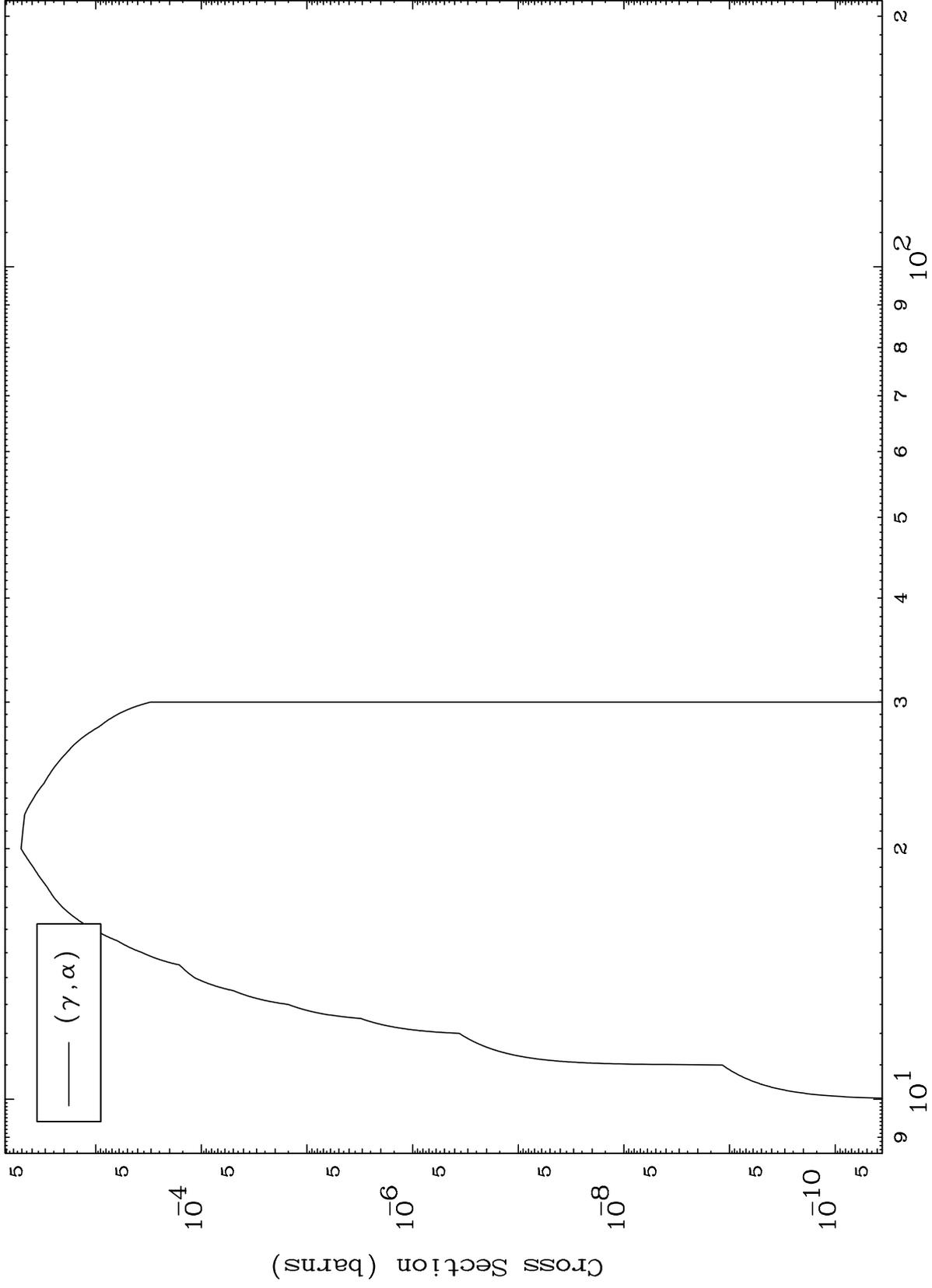
26-Fe-54

8

MAT 2625

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

26-Fe-54



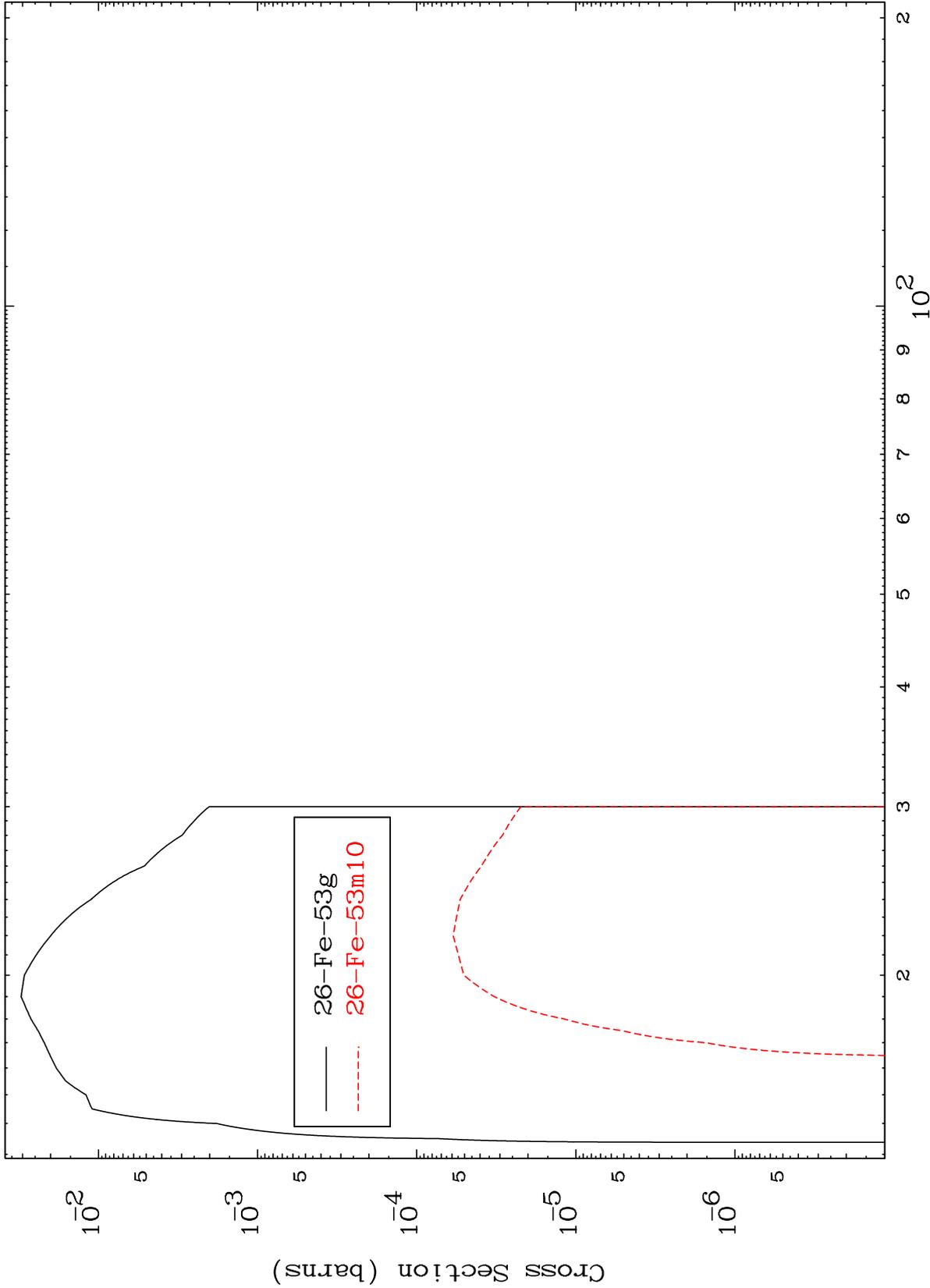
Incident Energy (MeV)

26-Fe-54

MAT 2625

Photon Inelastic  
Radionuclide Production Cross Section

26-Fe-54



10

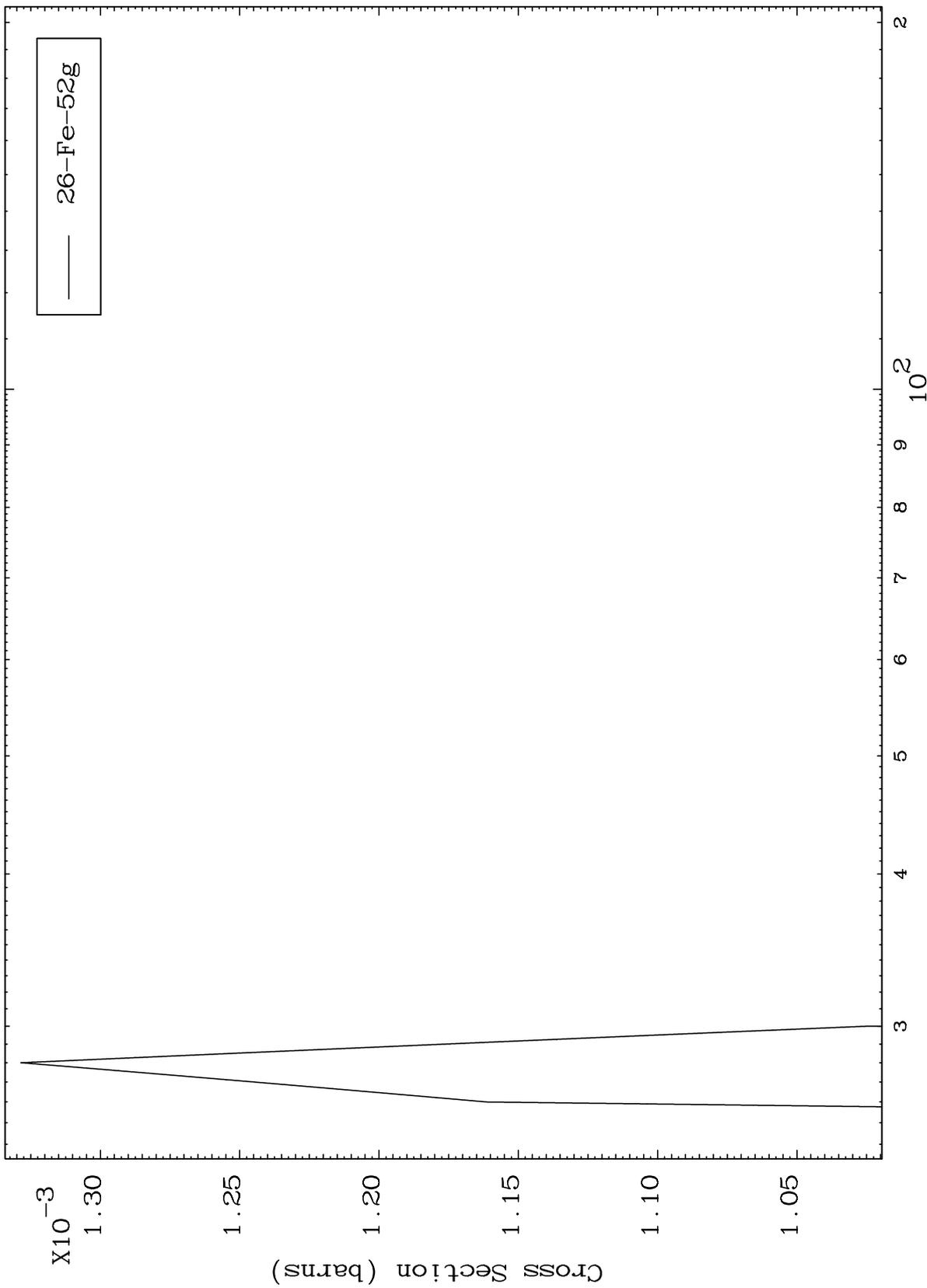
Incident Energy (MeV)

26-Fe-54

MAT 2625

26-Fe-54

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



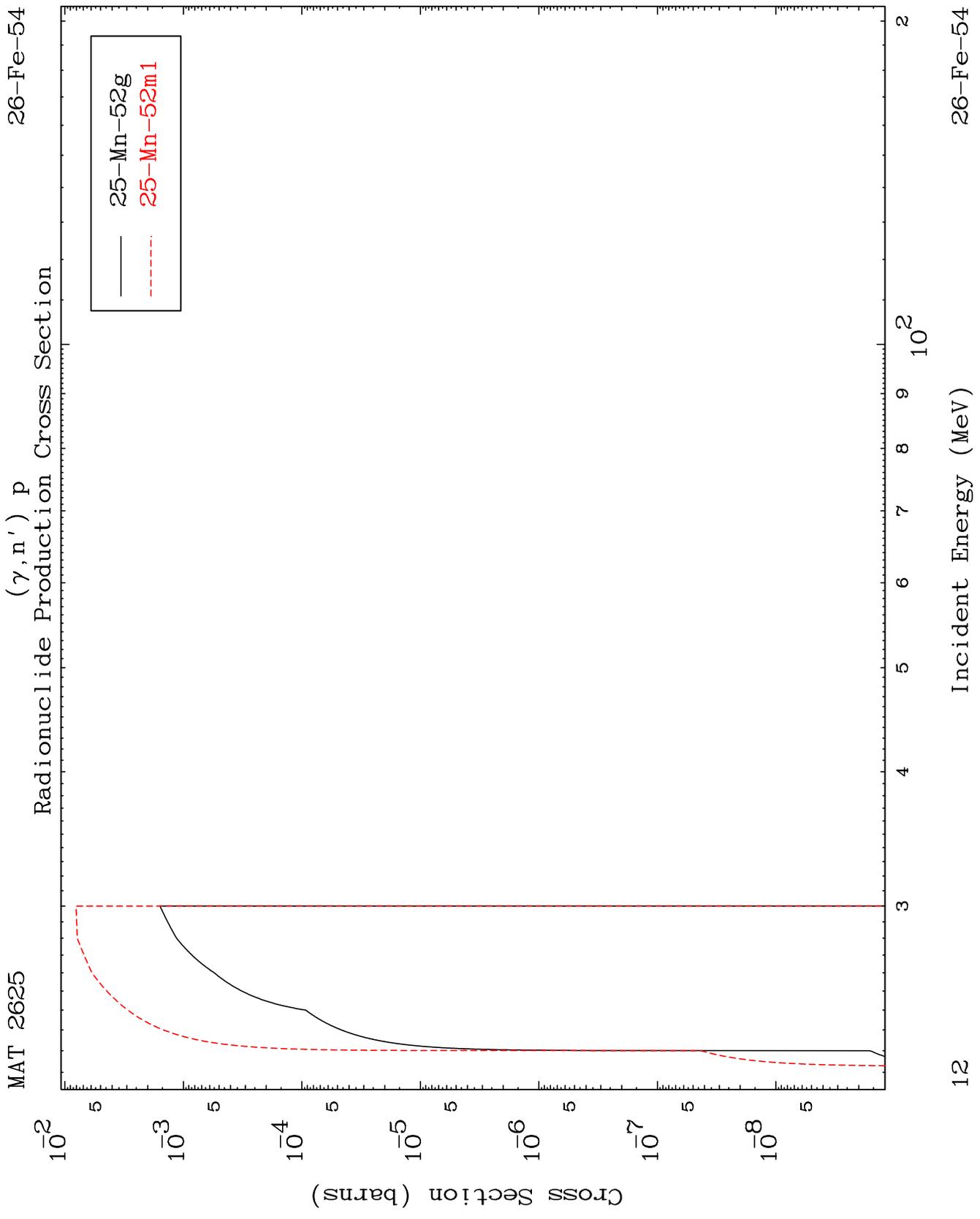
$\times 10^{-3}$

Cross Section (barns)

11

Incident Energy (MeV)

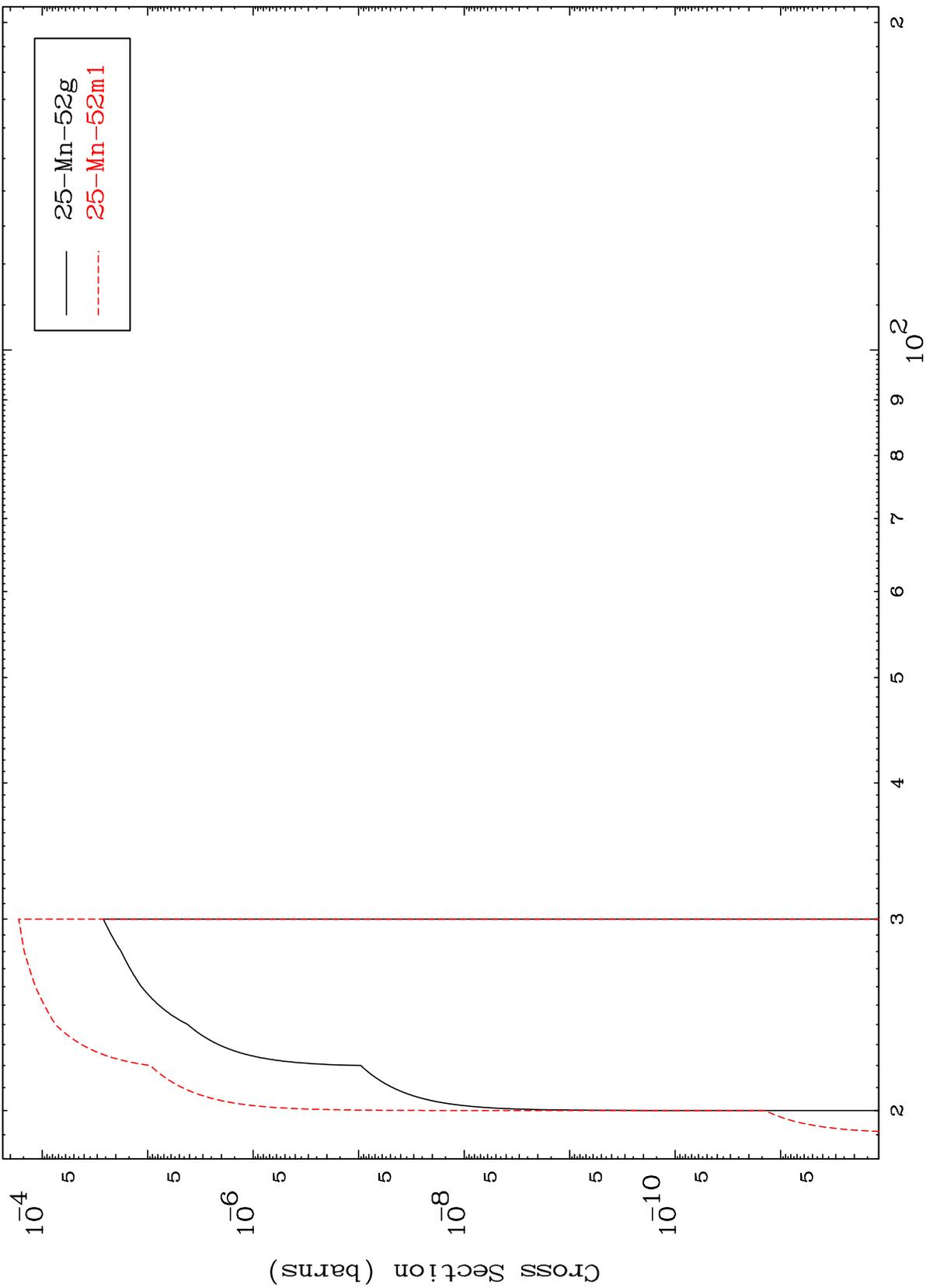
26-Fe-54



MAT 2625

26-Fe-54

( $\gamma, d$ )  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

26-Fe-54