

Program EVALPLOT  
(Version 2018-1)

by

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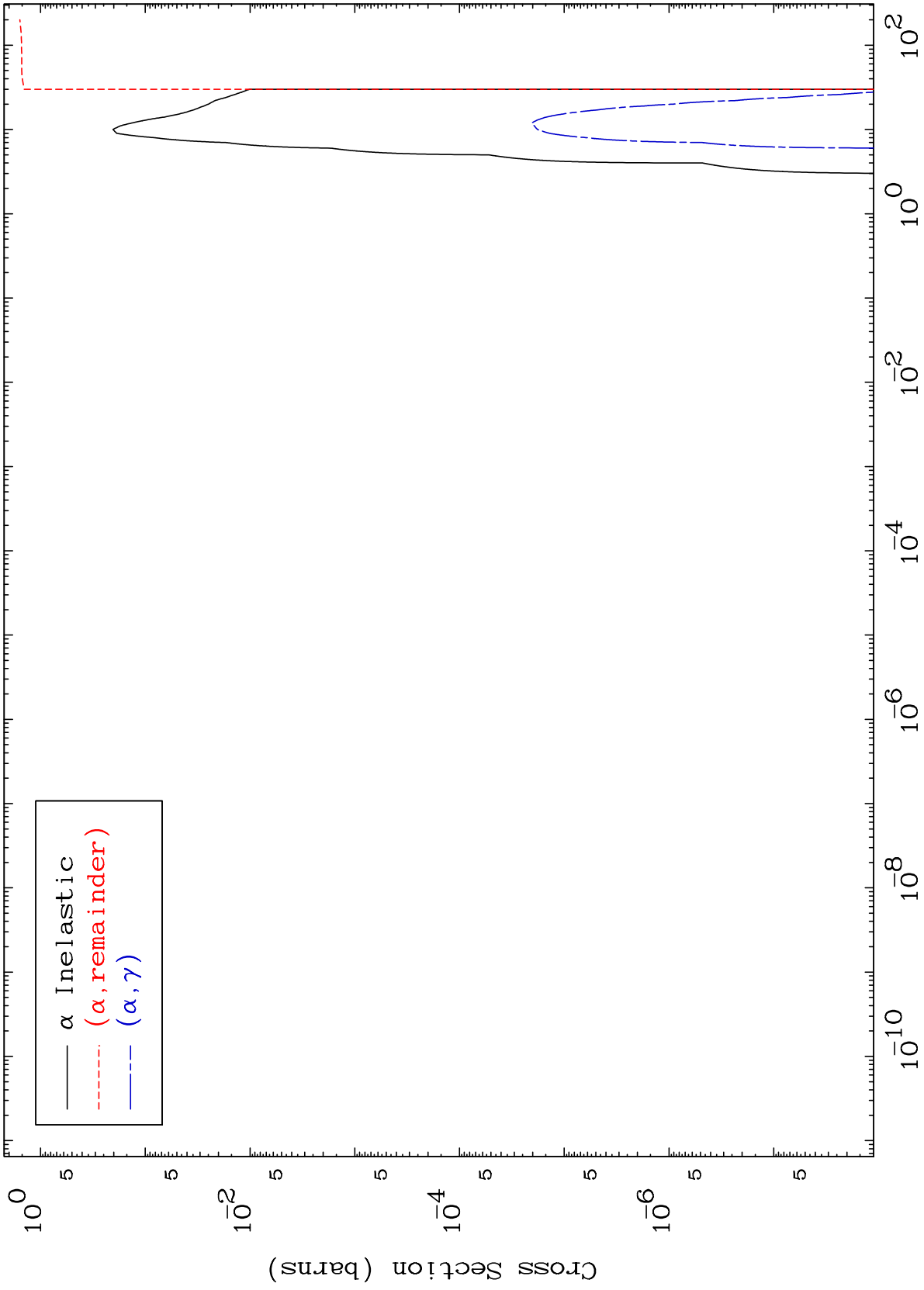
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2534

0 Kelvin  $\alpha$  Major  
Cross Sections

25-Mn-58

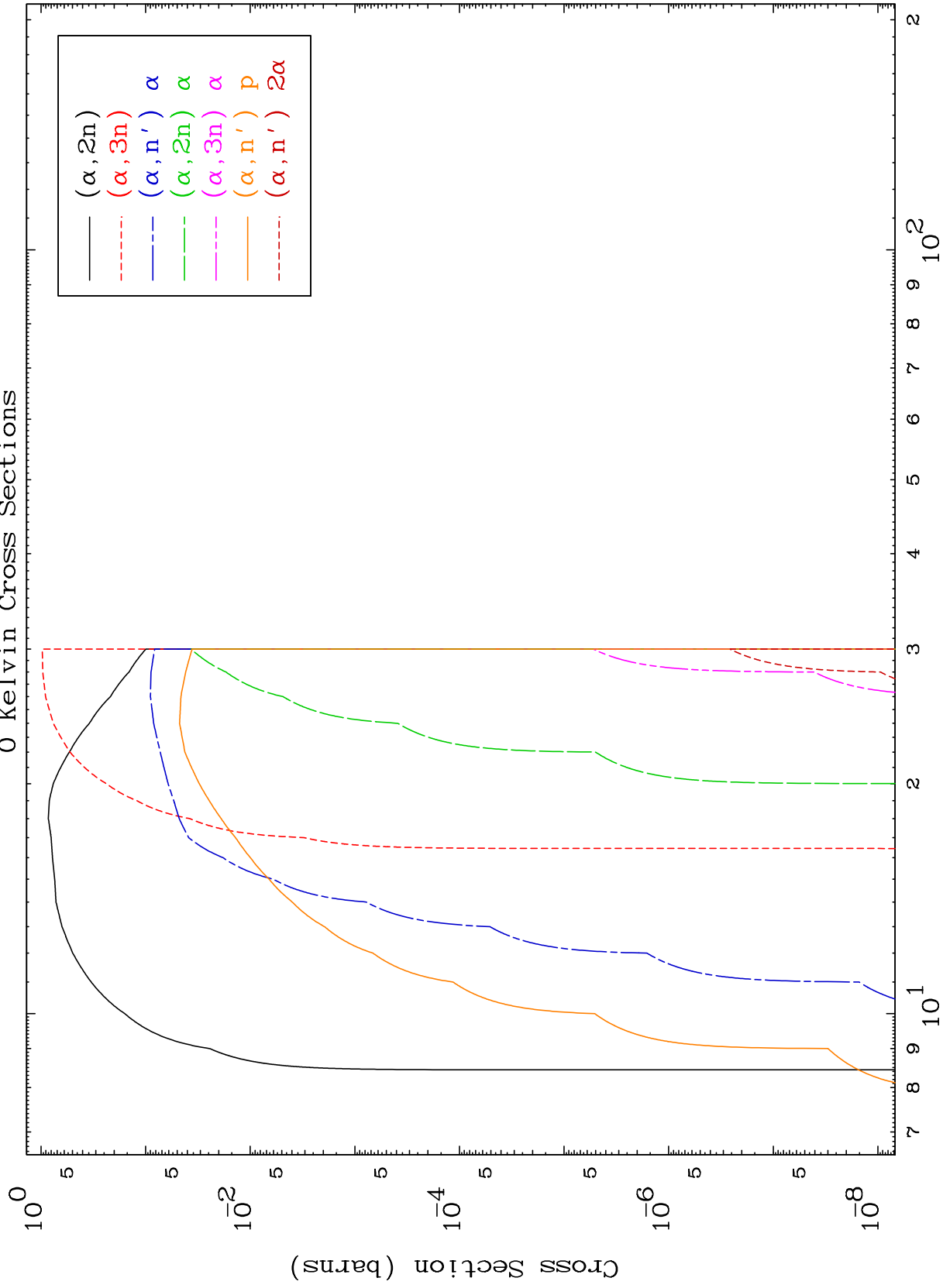


25-Mn-58

MAT 2534

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

25-Mn-58



2

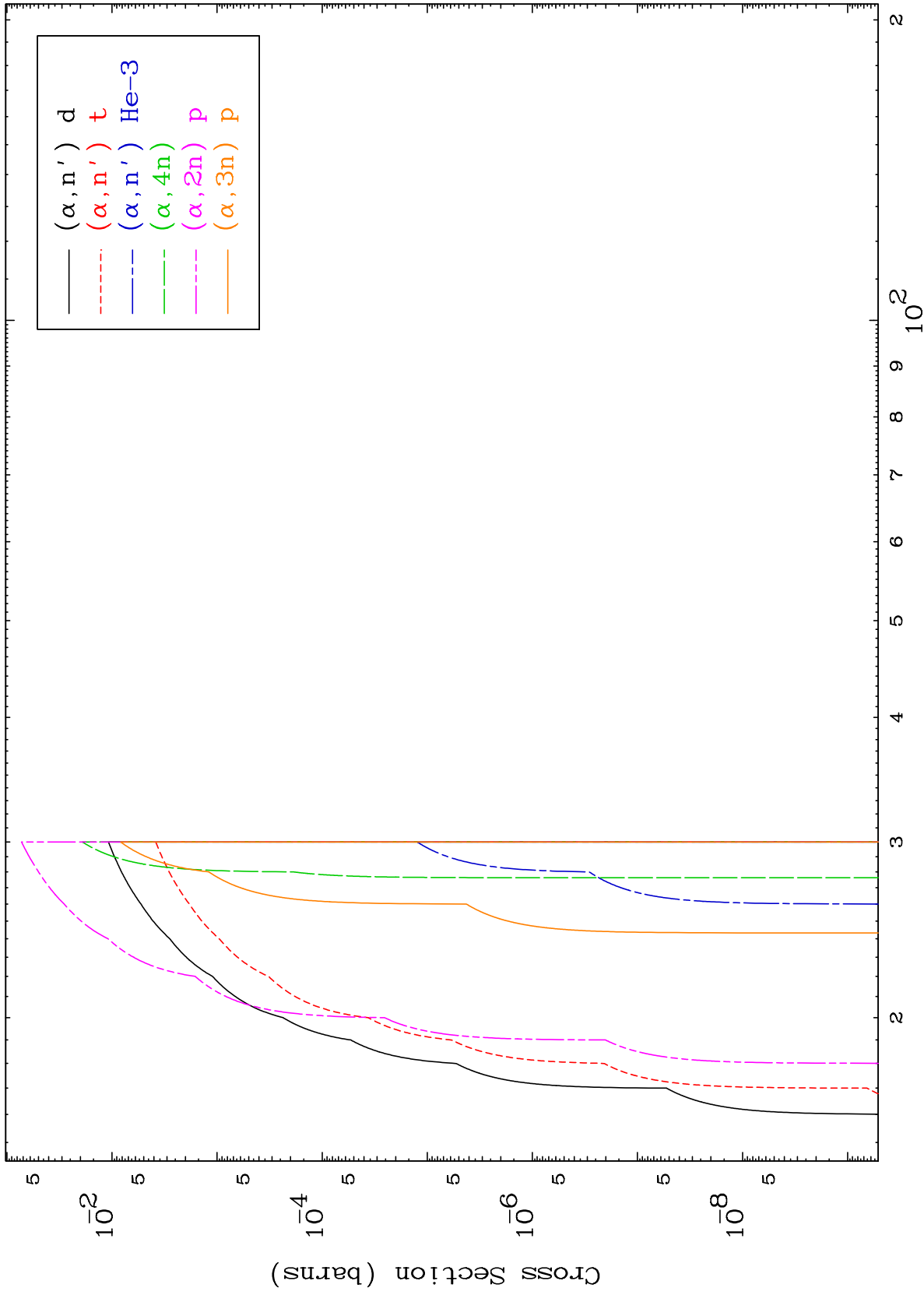
Incident Energy (MeV)

25-Mn-58

MAT 2534

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

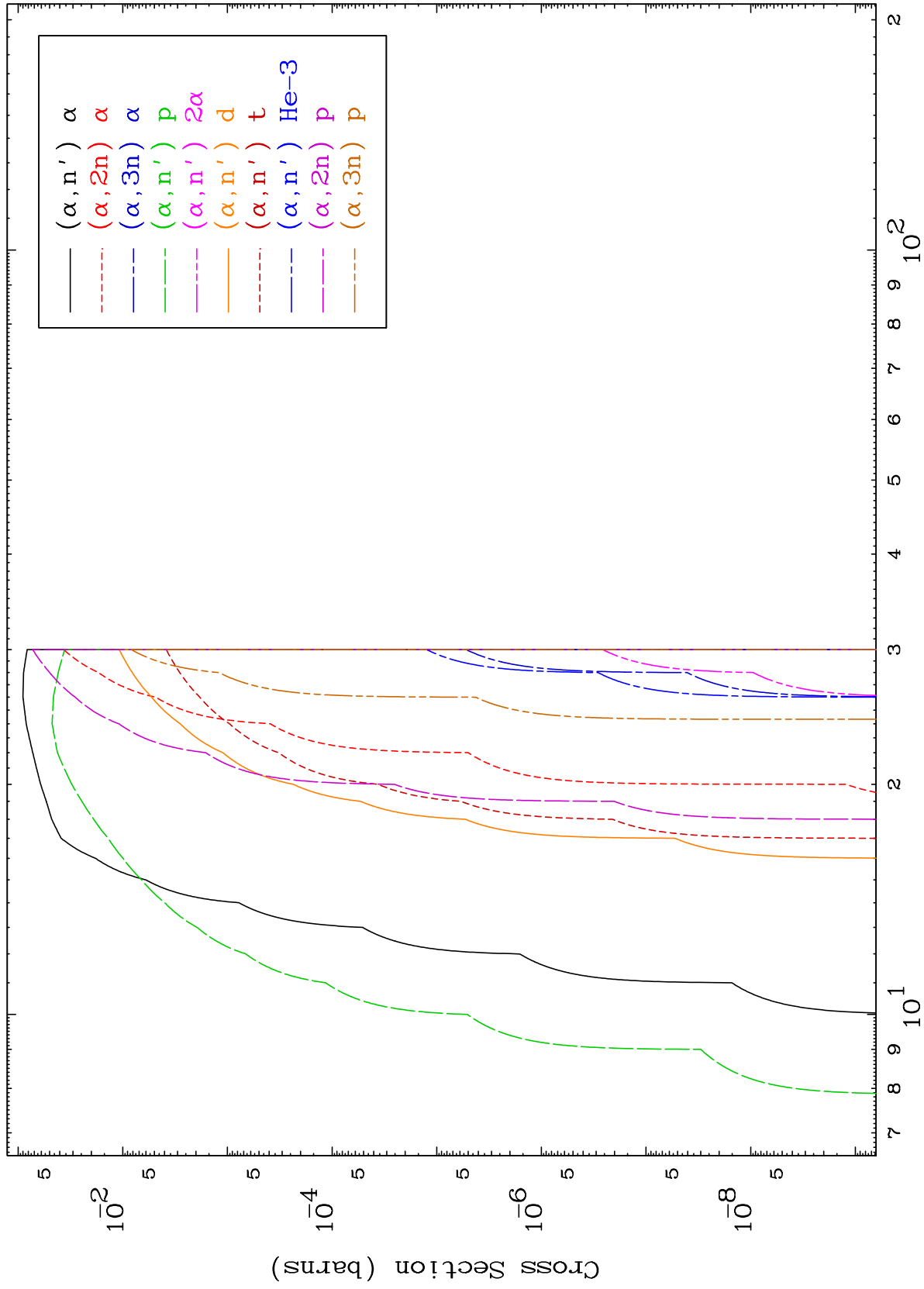
25-Mn-58

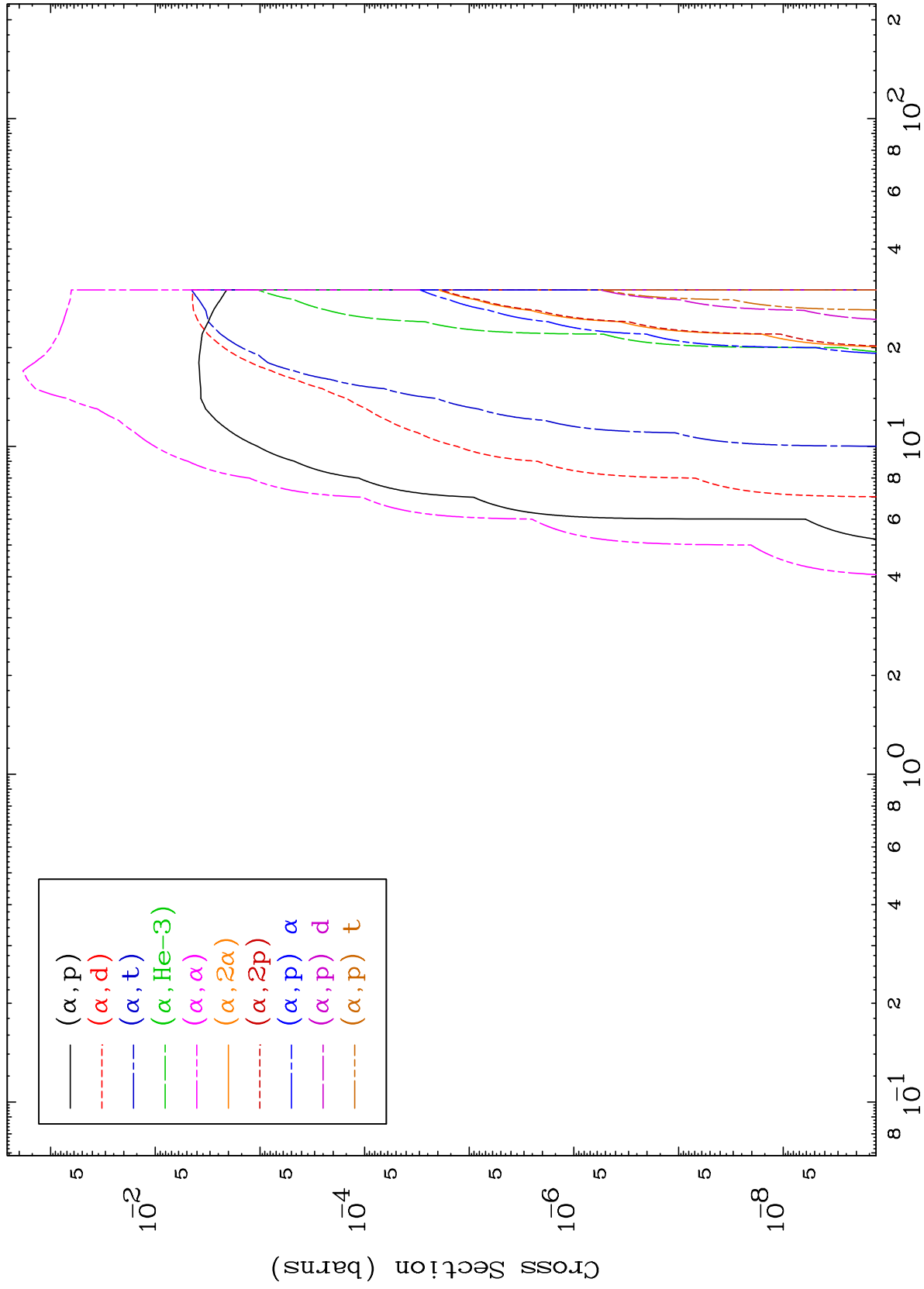


3

Incident Energy (MeV)

25-Mn-58

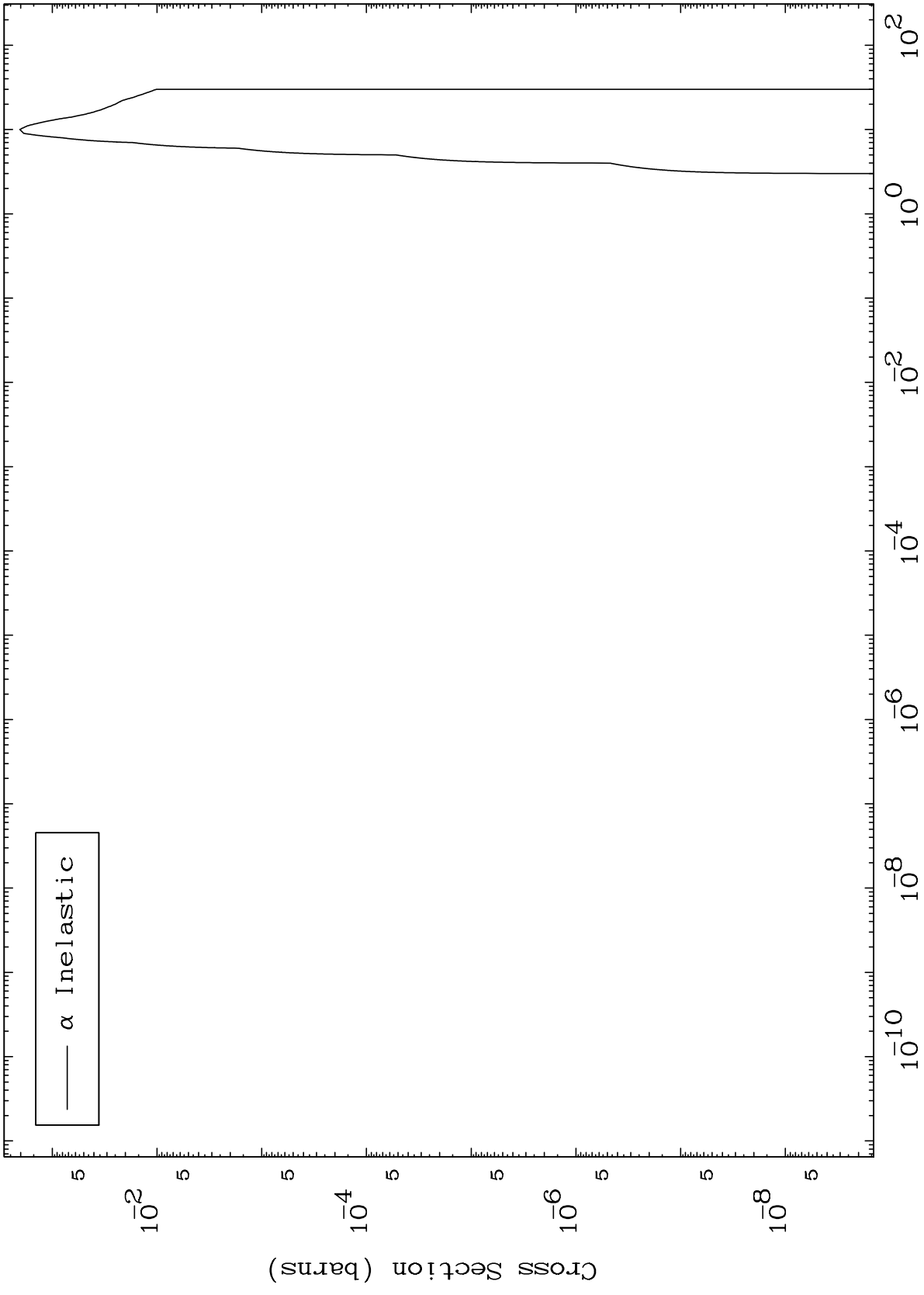




MAT 2534

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

25-Mn-58



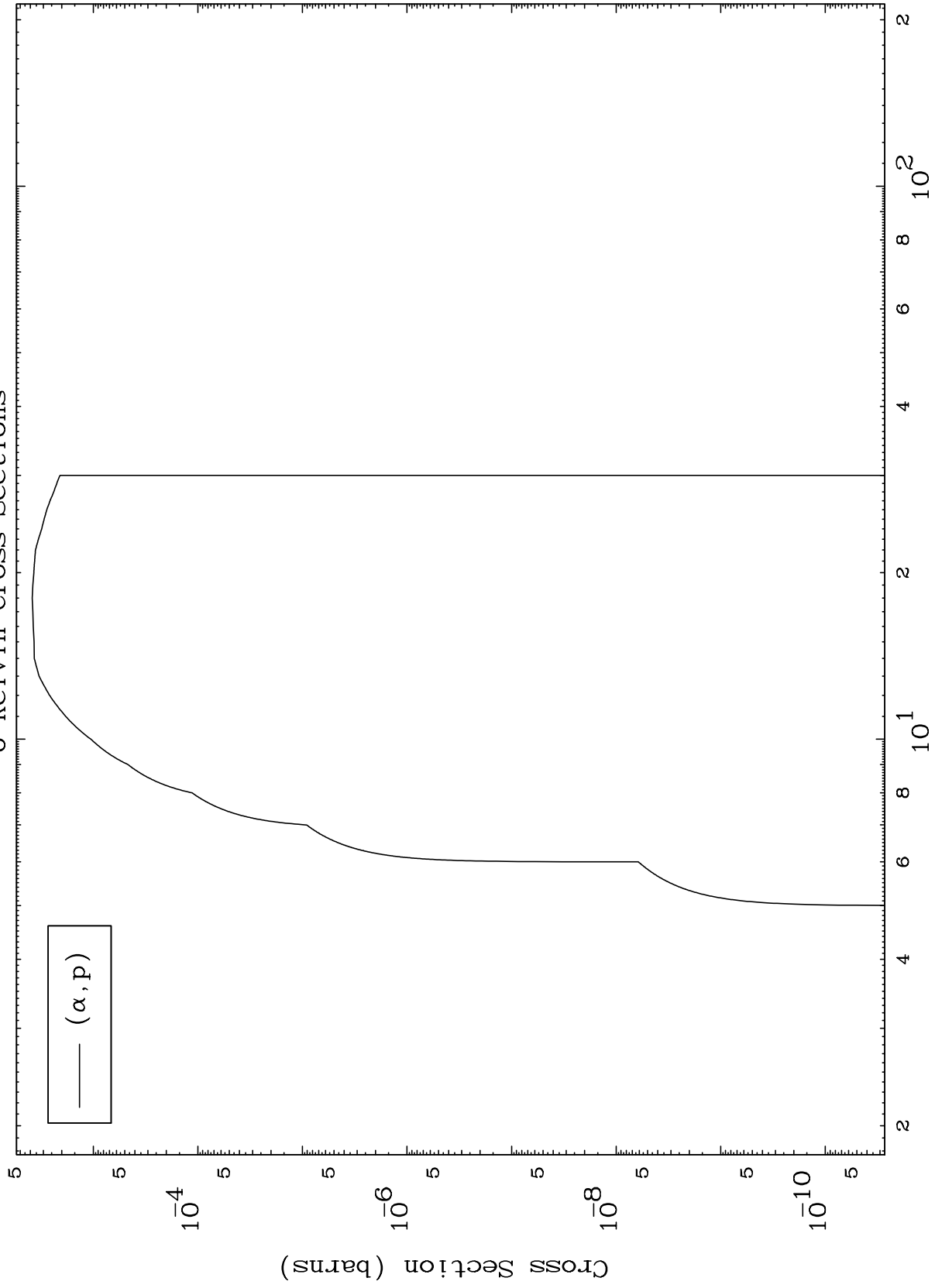
6

25-Mn-58

MAT 2534

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

25-Mn-58



( $\alpha, p$ )

7

Incident Energy (MeV)

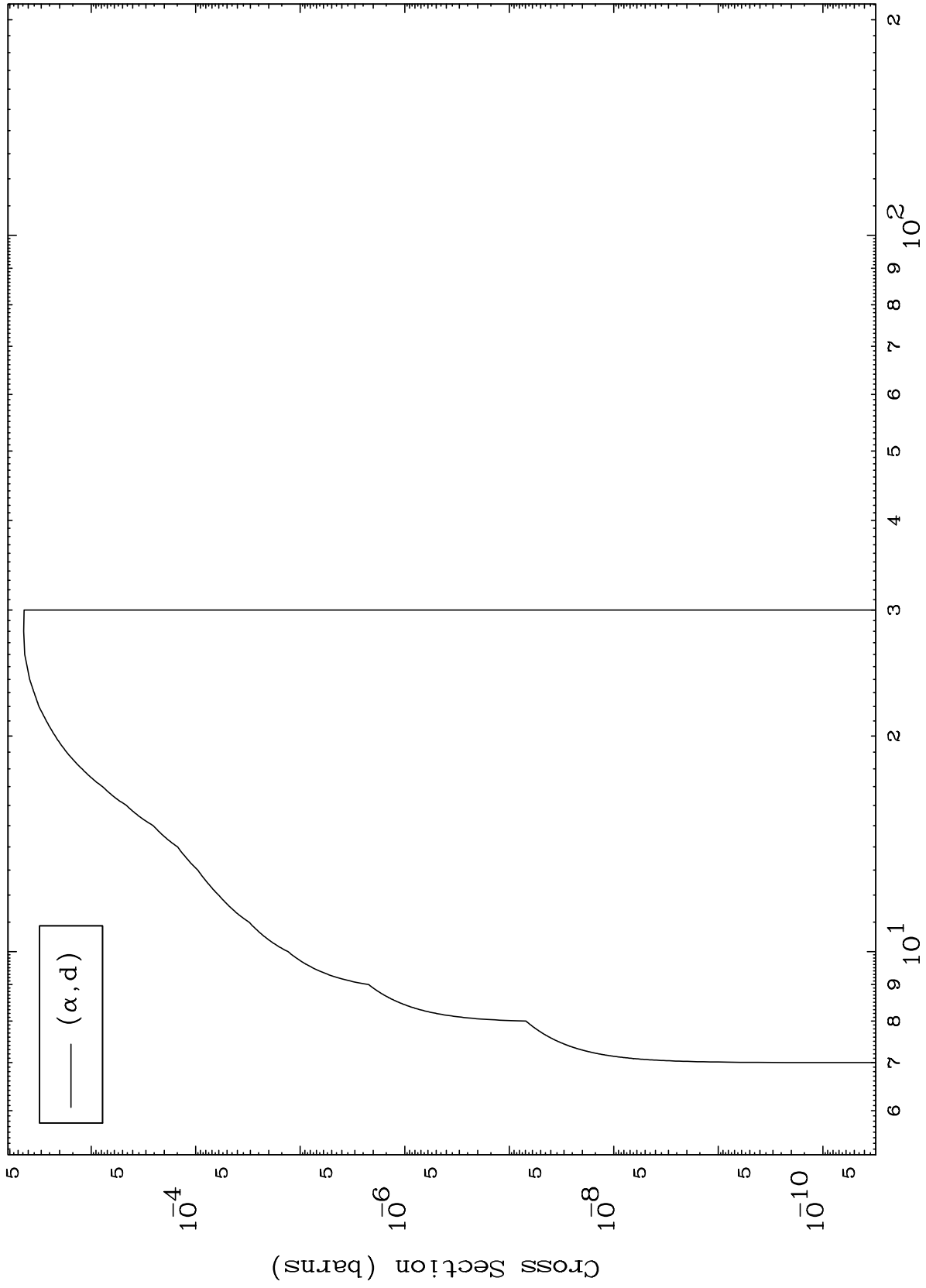
25-Mn-58



MAT 2534

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

25-Mn-58



8

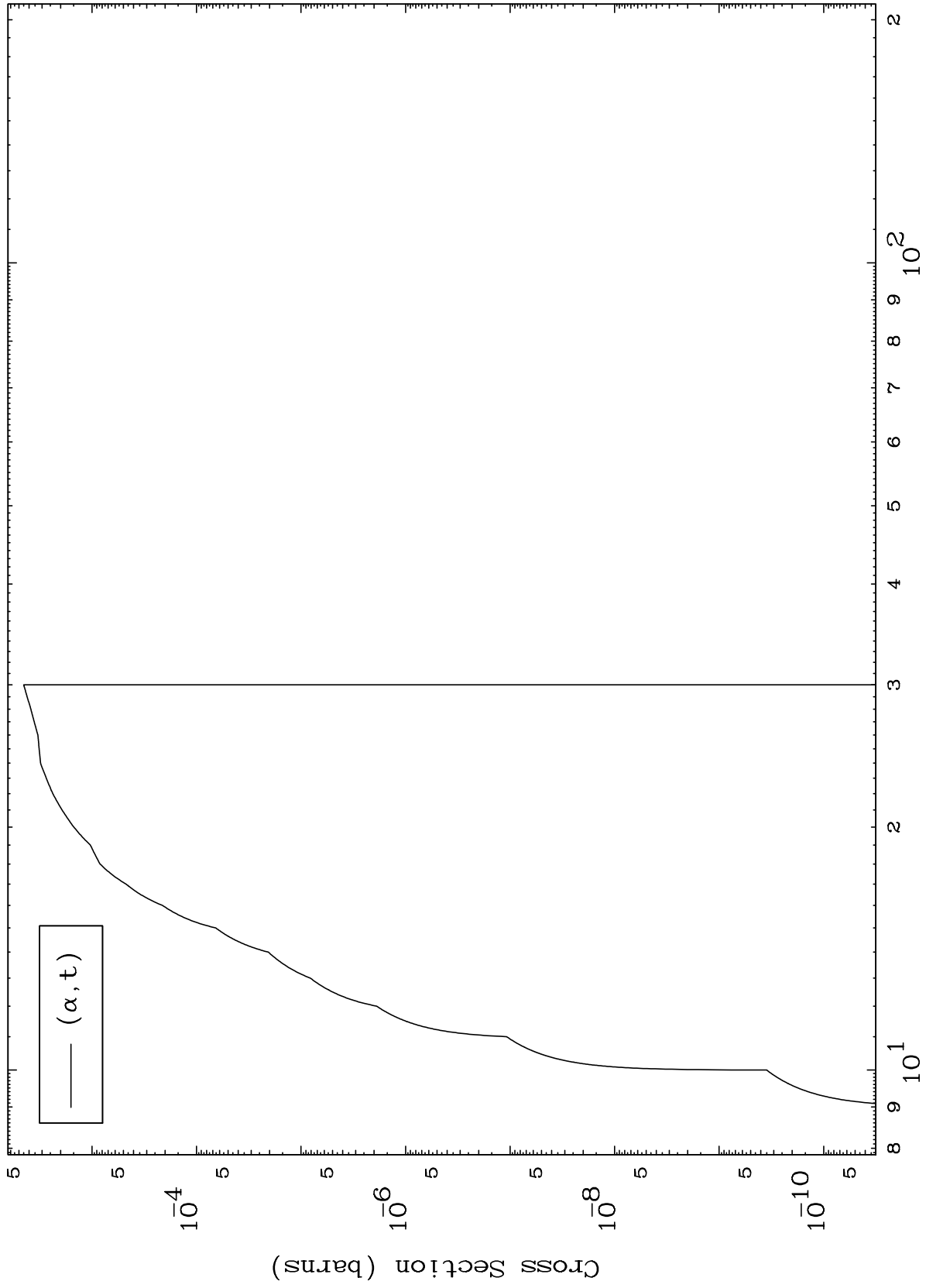
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



9

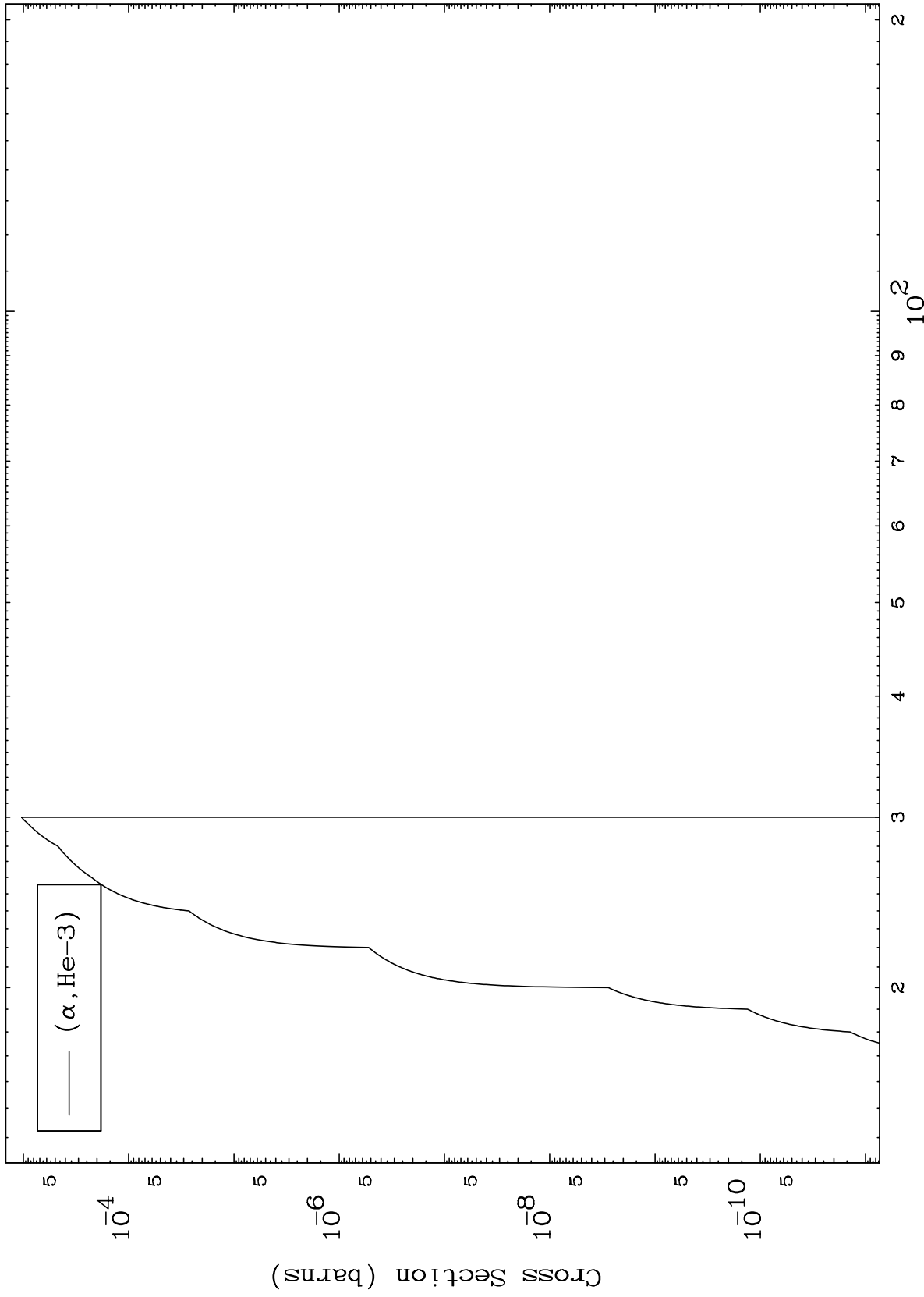
Incident Energy (MeV)

25-Mn-58

MAT 2534

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

25-Mn-58



10

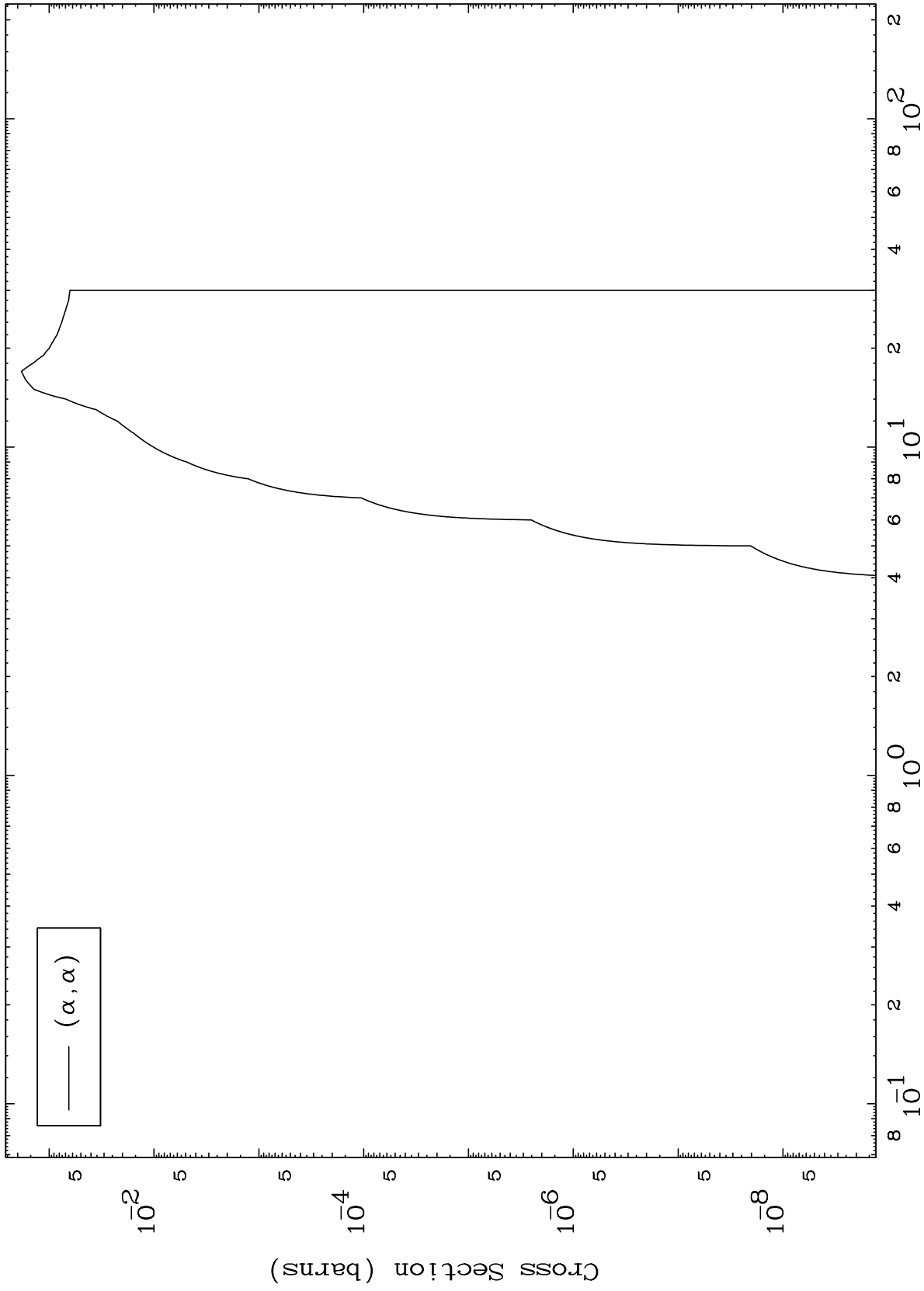
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



11

Incident Energy (MeV)

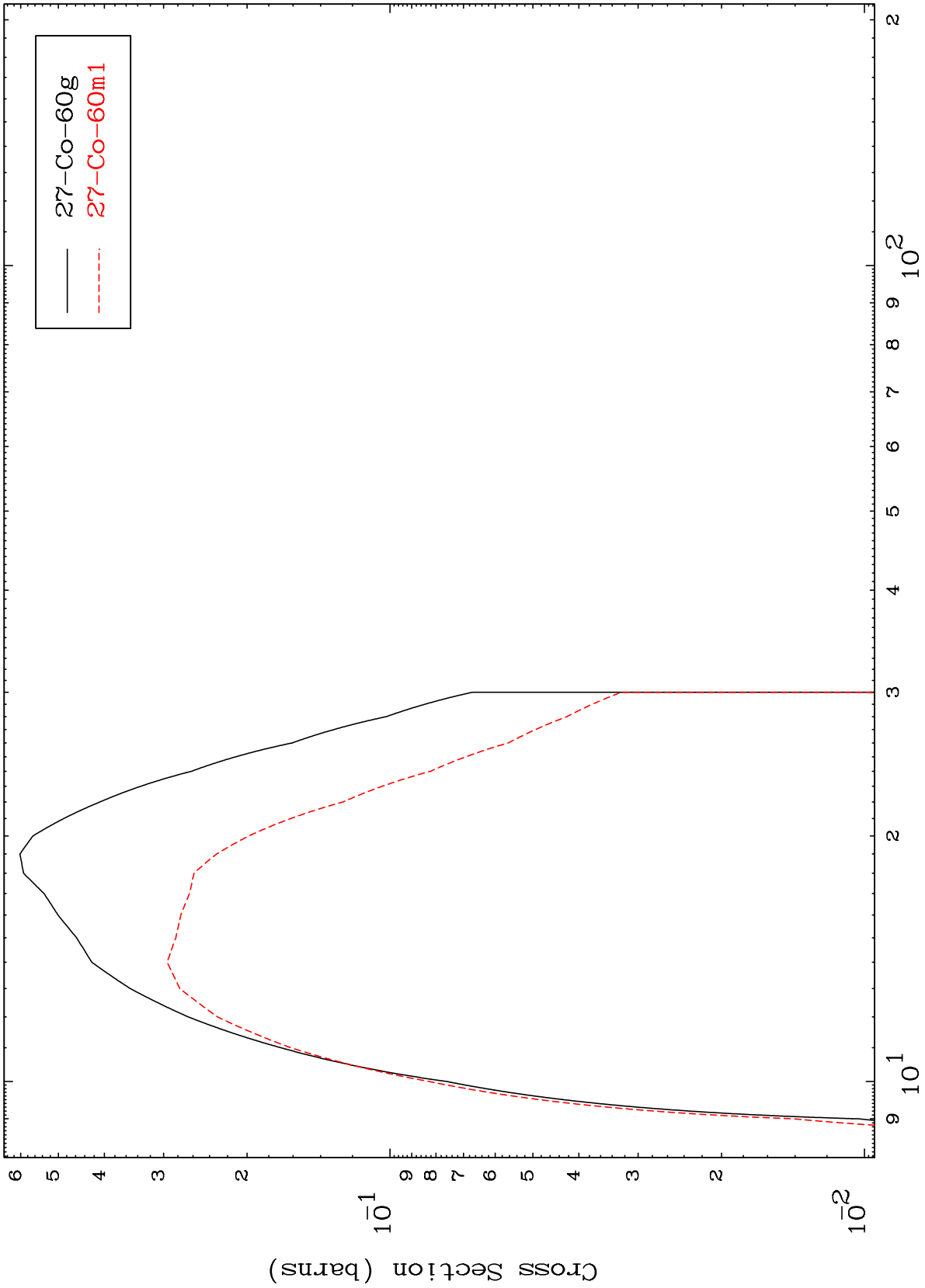
25-Mn-58

MAT 2534

( $\alpha, 2n$ )

<sup>25</sup>Mn-58

Radionuclide Production Cross Section



— 27-Co-60g  
- - - 27-Co-60m1

12

Incident Energy (MeV)

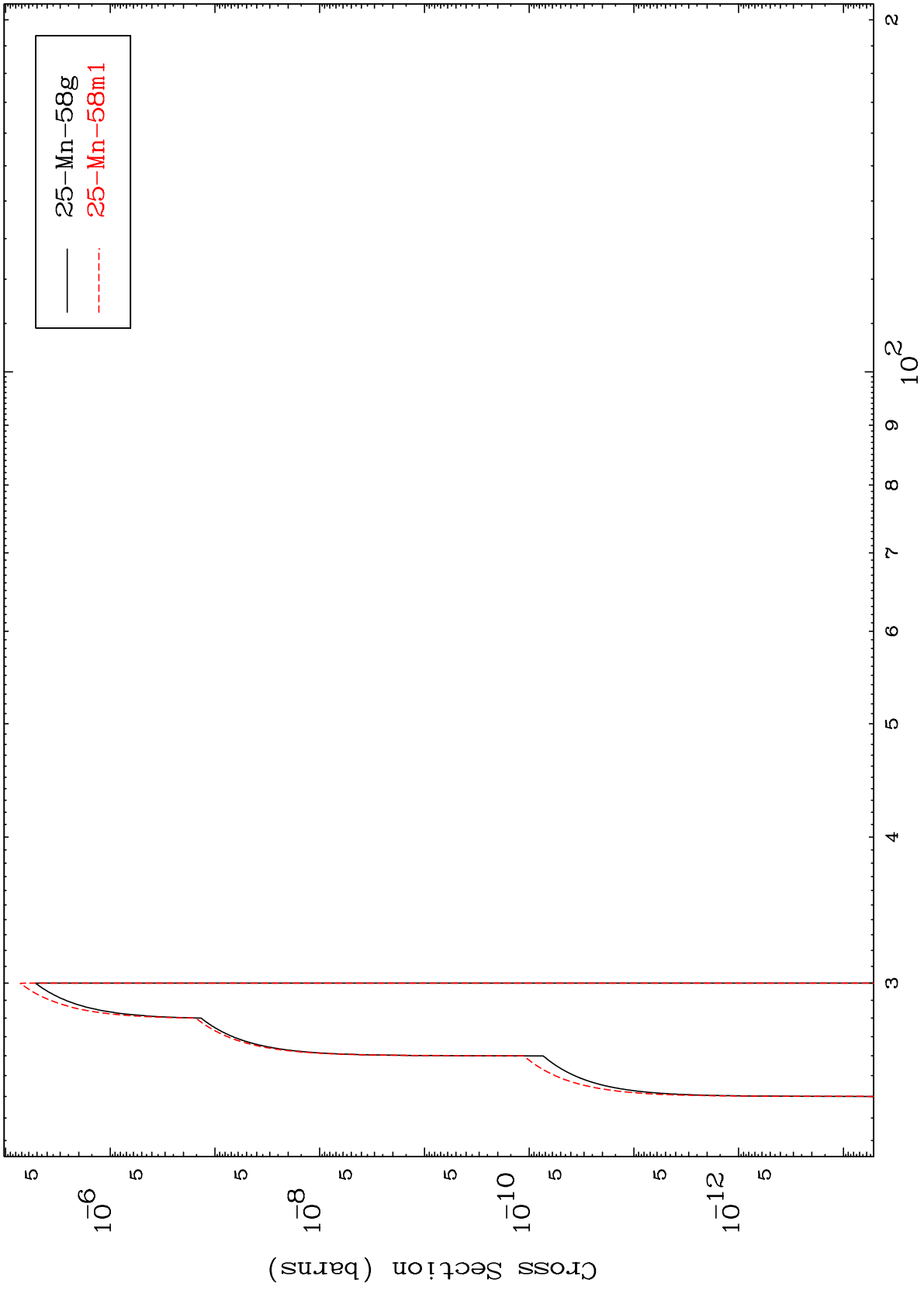
<sup>25</sup>Mn-58

MAT 2534

( $\alpha, n'$ ) He-3

<sup>25</sup>Mn-58

Radionuclide Production Cross Section



13

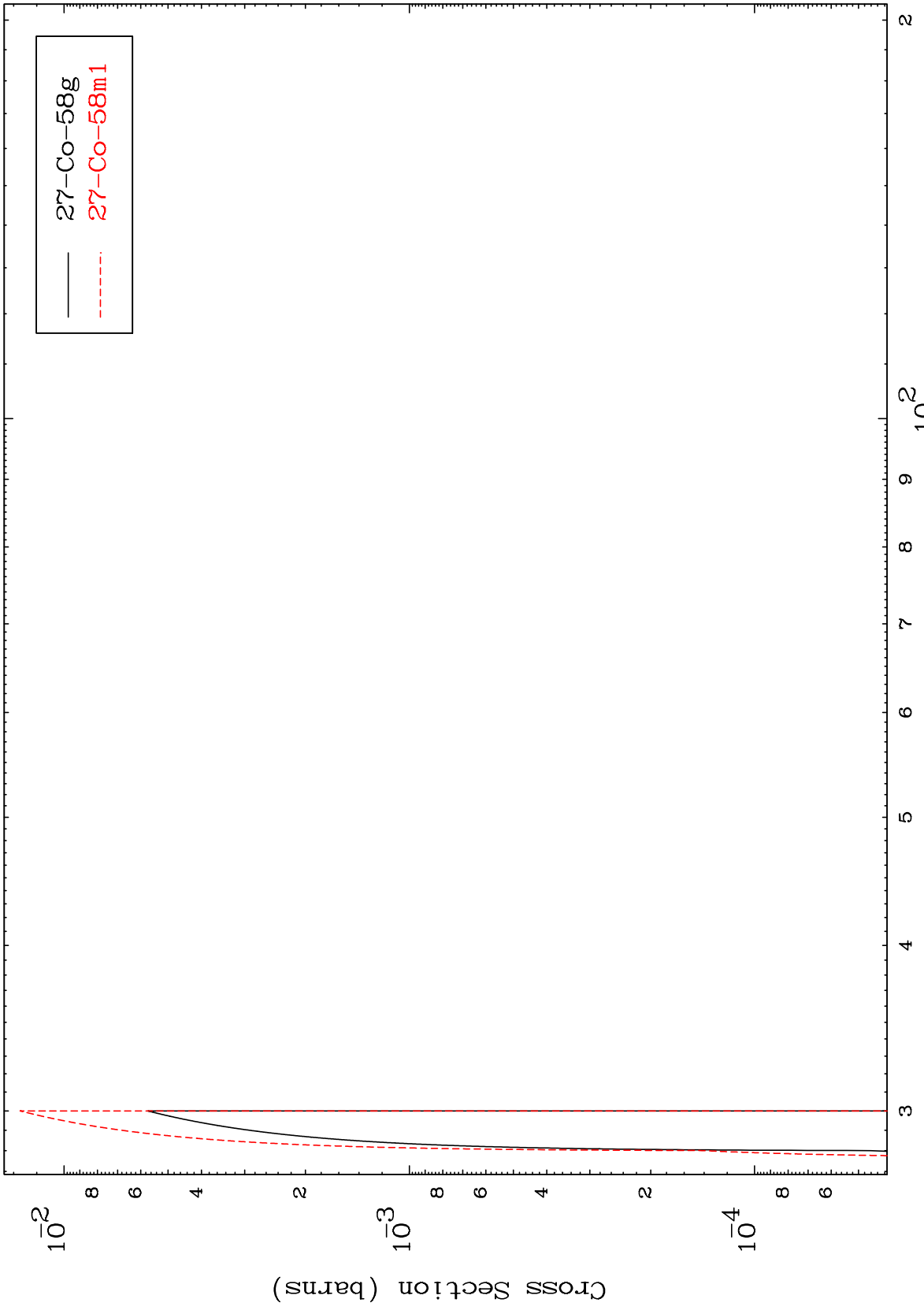
Incident Energy (MeV)

<sup>25</sup>Mn-58

MAT 2534

25-Mn-58

( $\alpha, 4n$ )  
Radionuclide Production Cross Section



14

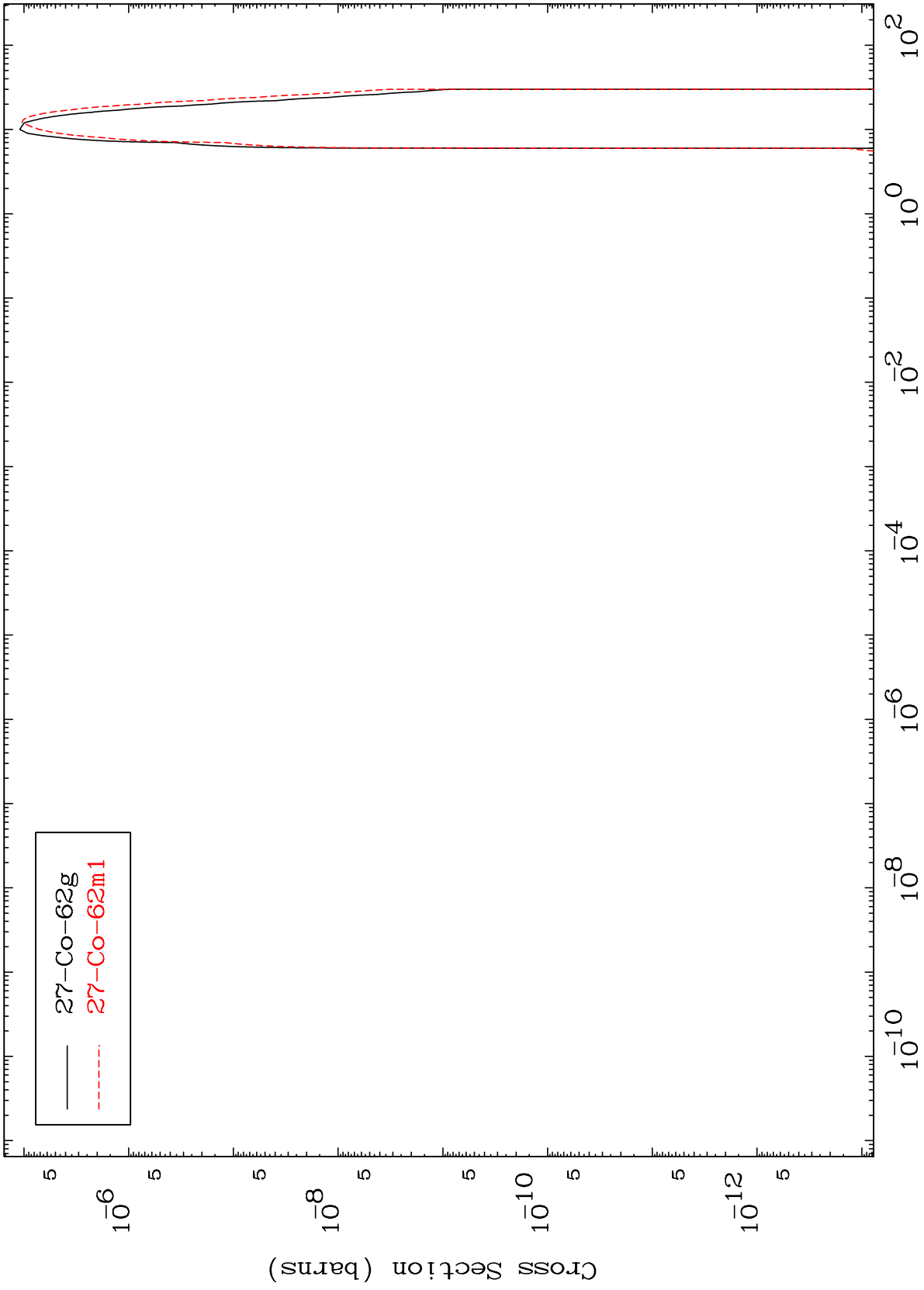
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

$^{25}\text{Mn}-58$



15

Incident Energy (MeV)

$^{25}\text{Mn}-58$

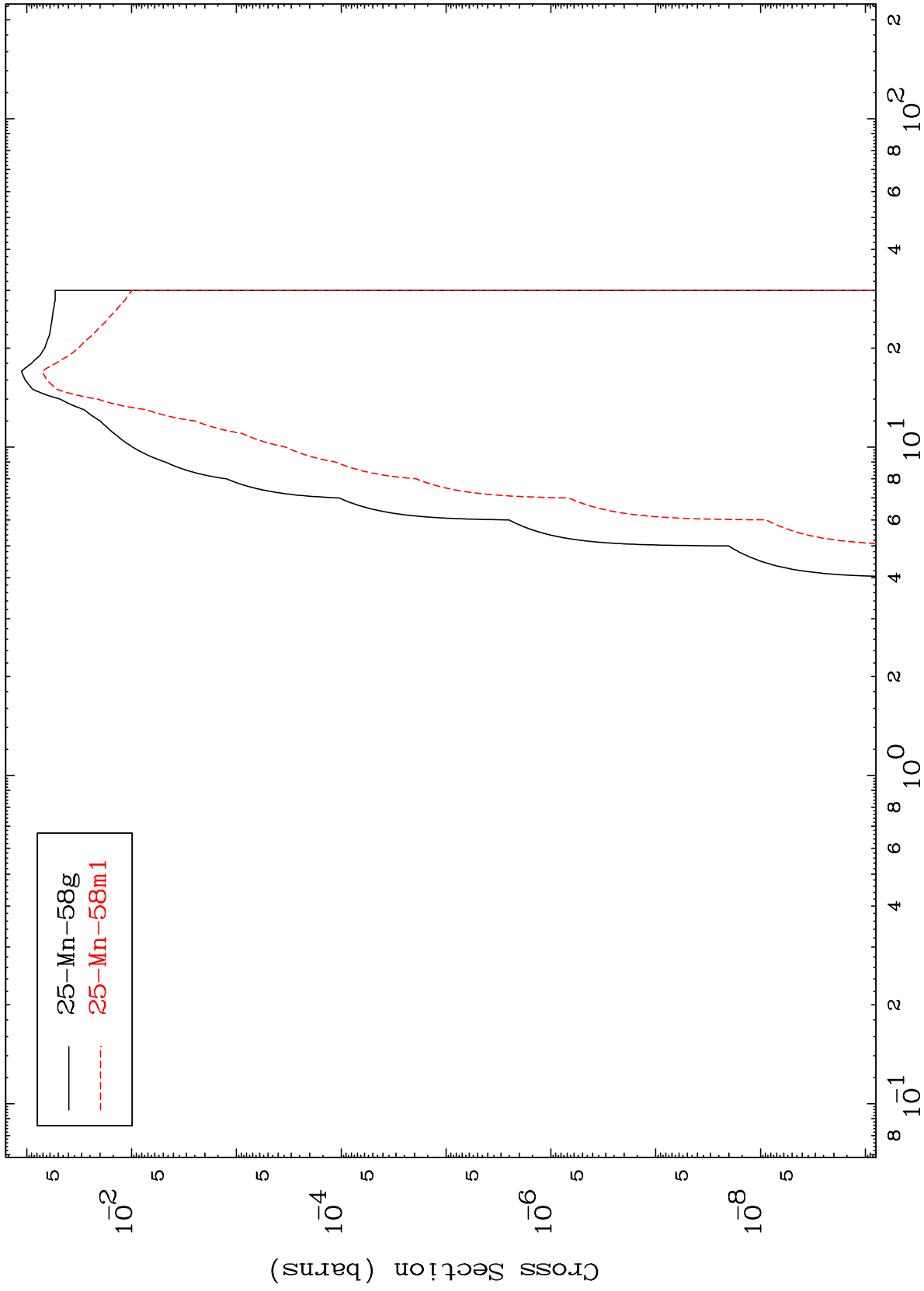


MAT 2534

( $\alpha, \alpha$ )

<sup>25</sup>Mn-58

Radionuclide Production Cross Section



— 25-Mn-58g  
- - - 25-Mn-58m1

16

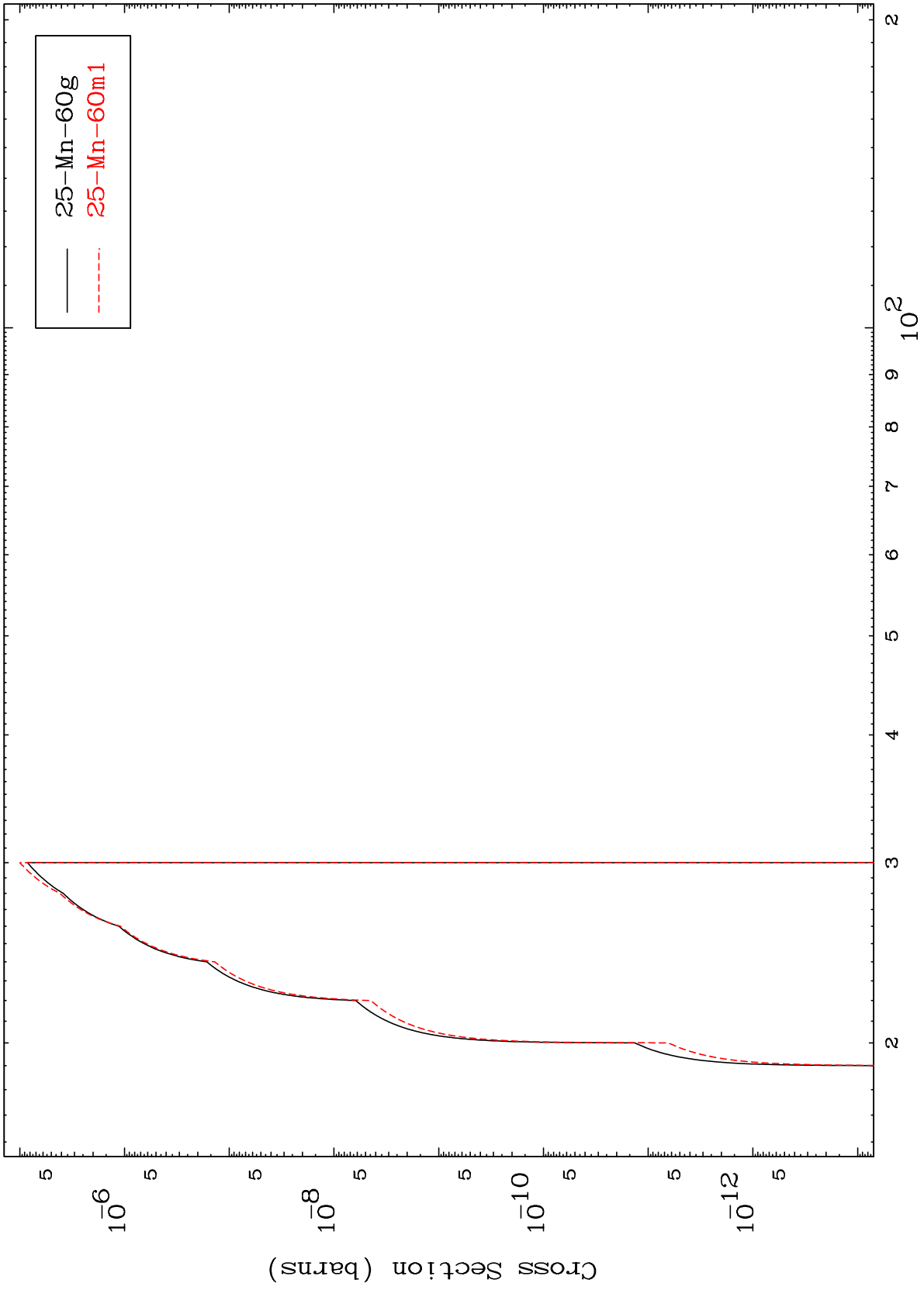
Incident Energy (MeV)

<sup>25</sup>Mn-58

MAT 2534

<sup>25</sup>Mn-58

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



17

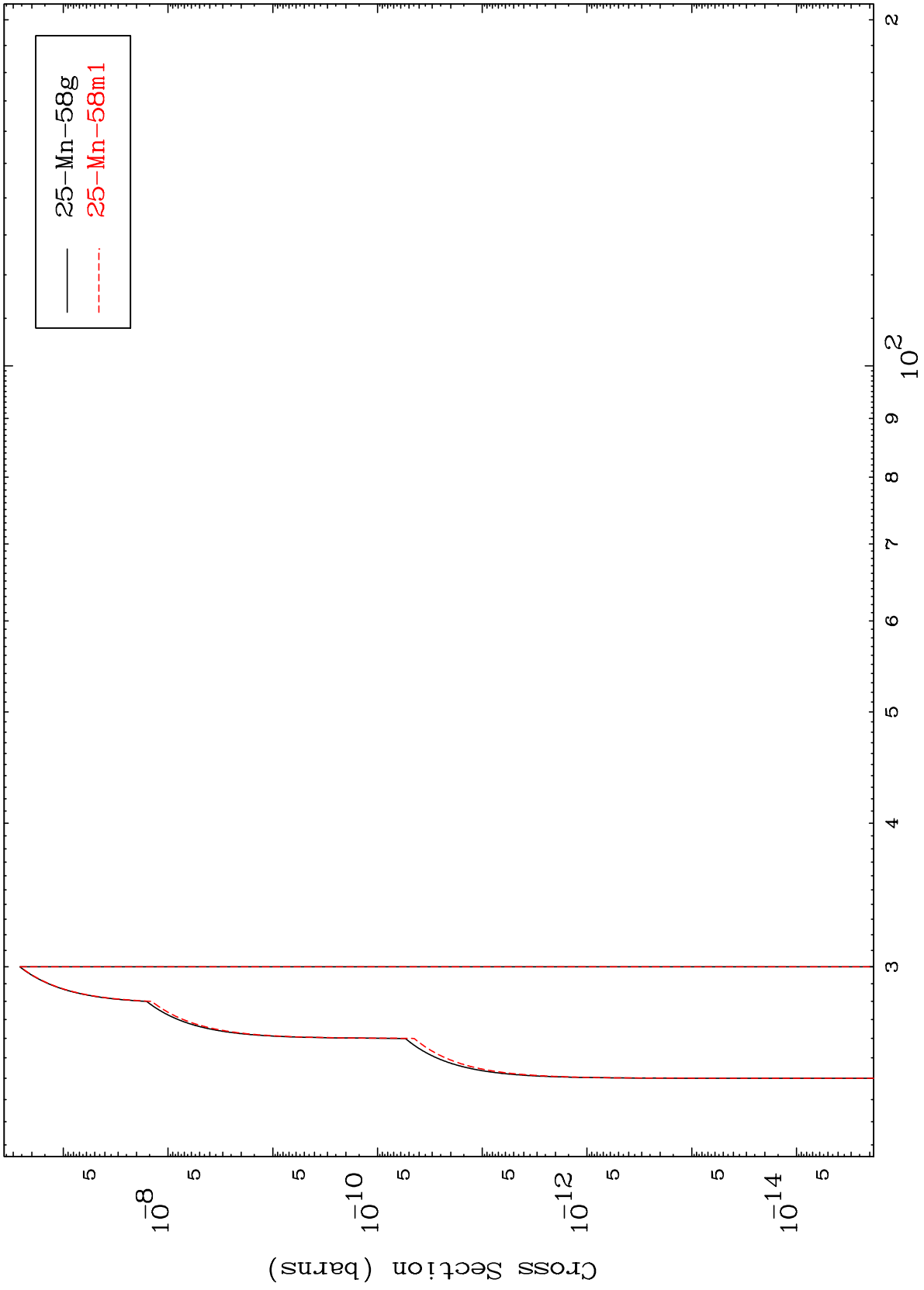
<sup>25</sup>Mn-58

MAT 2534

( $\alpha, p$ ) t

<sup>25</sup>Mn-58

Radionuclide Production Cross Section



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Incident Energy (MeV)

<sup>25</sup>Mn-58