

Program EVALPLOT  
(Version 2018-1)

by

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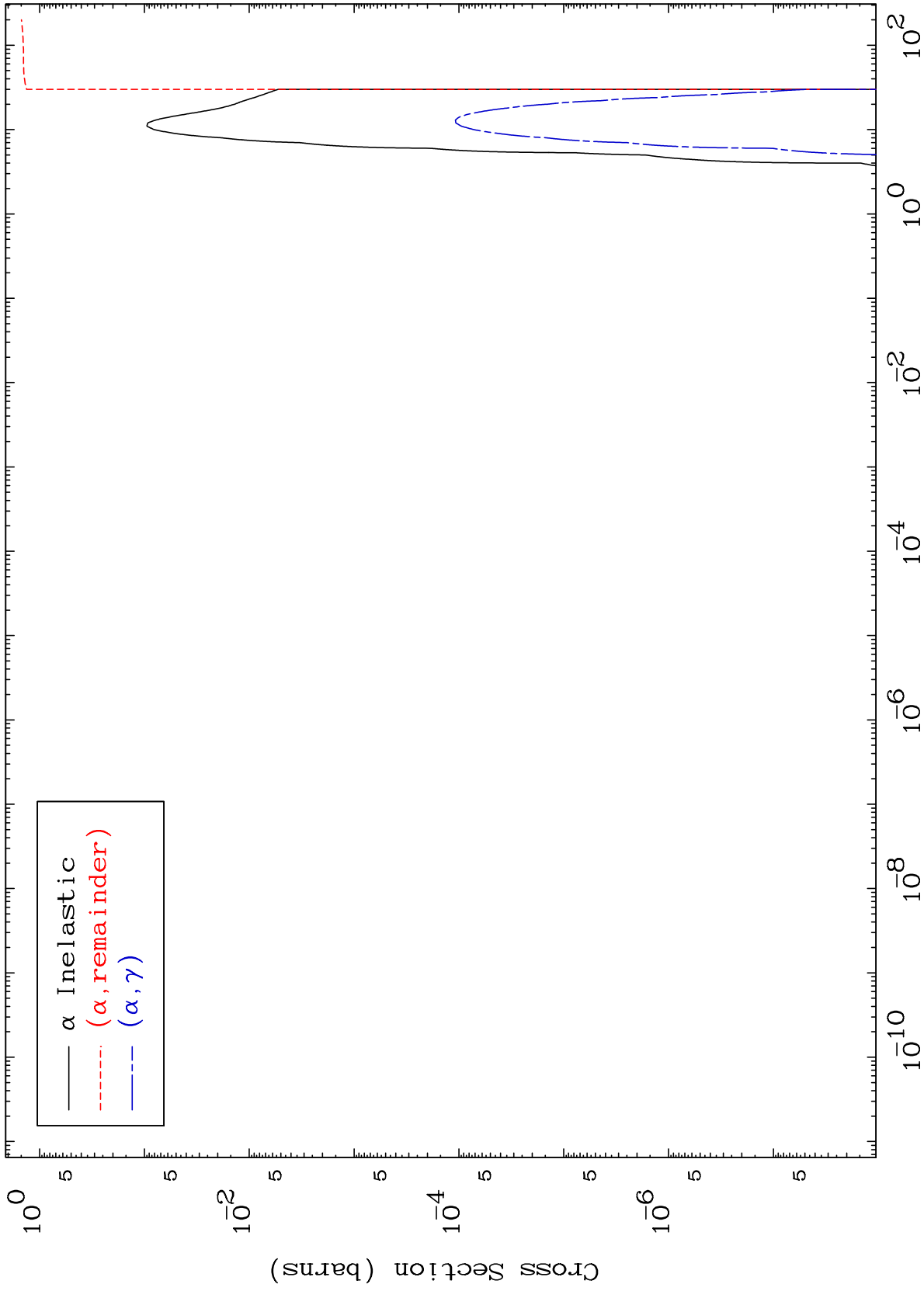
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2517

0 Kelvin  $\alpha$  Major  
Cross Sections

25-Mn-52



1

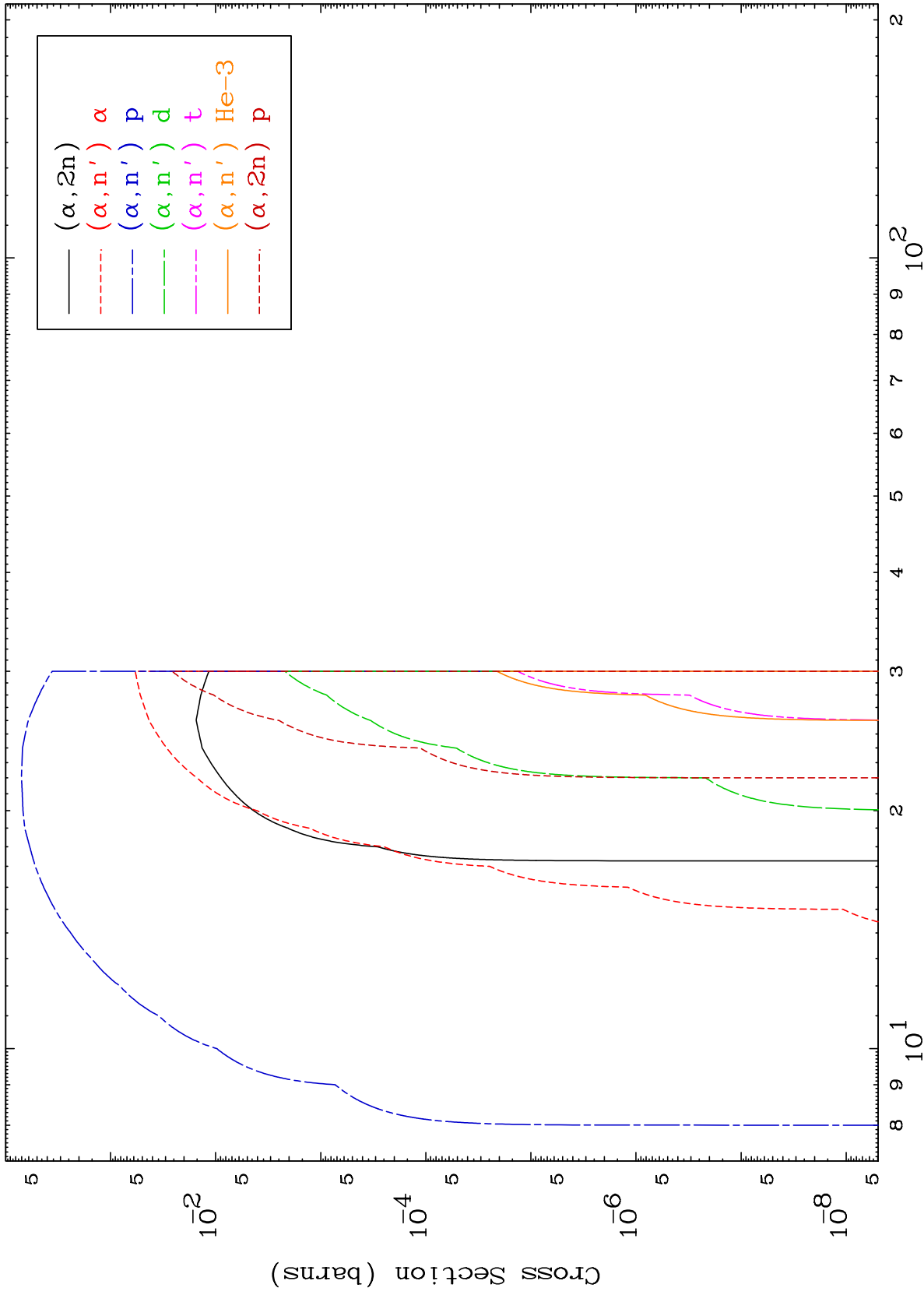
Incident Energy (MeV)

25-Mn-52

MAT 2517

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

25-Mn-52



2

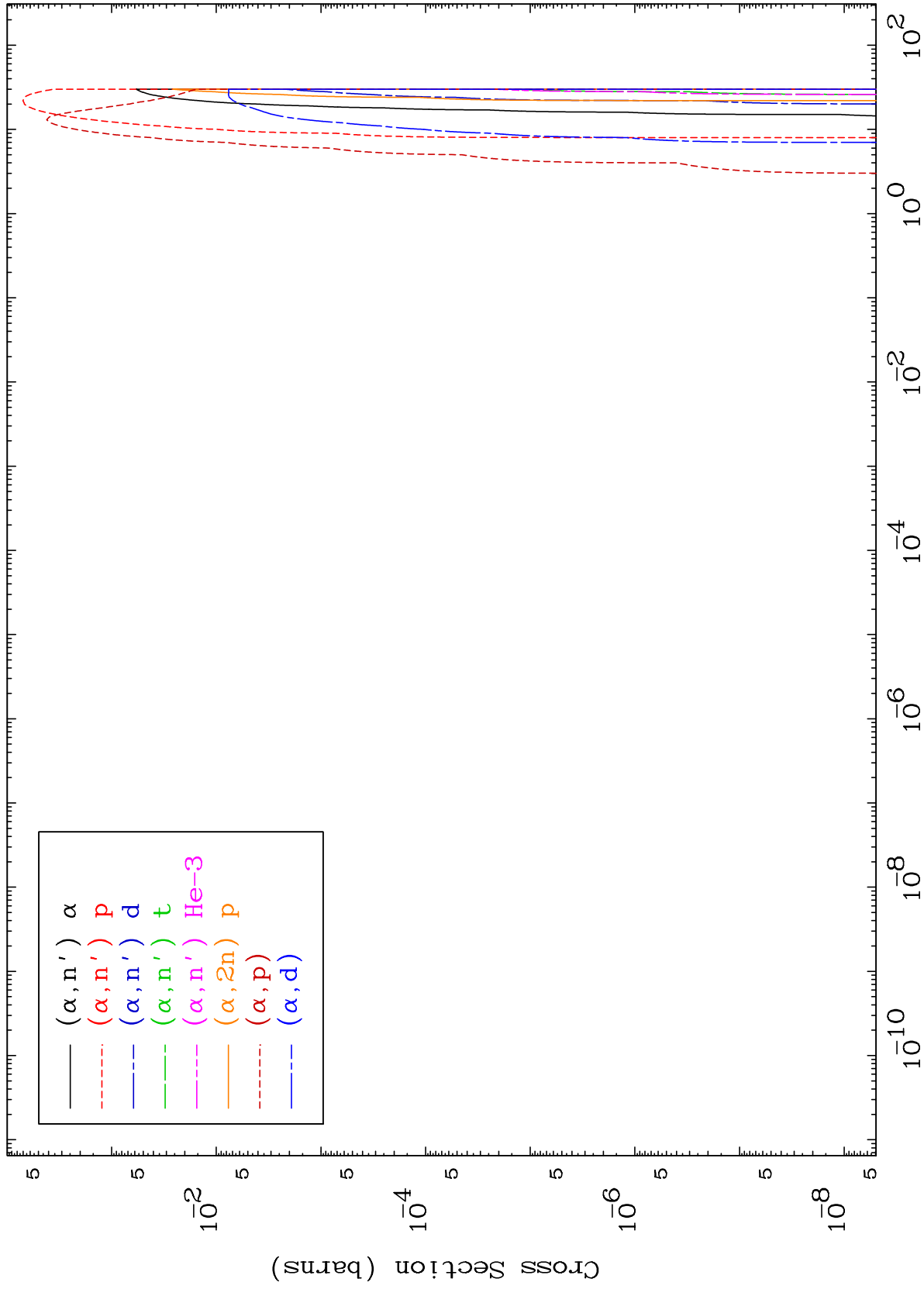
Incident Energy (MeV)

25-Mn-52

MAT 2517

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

25-Mn-52



3

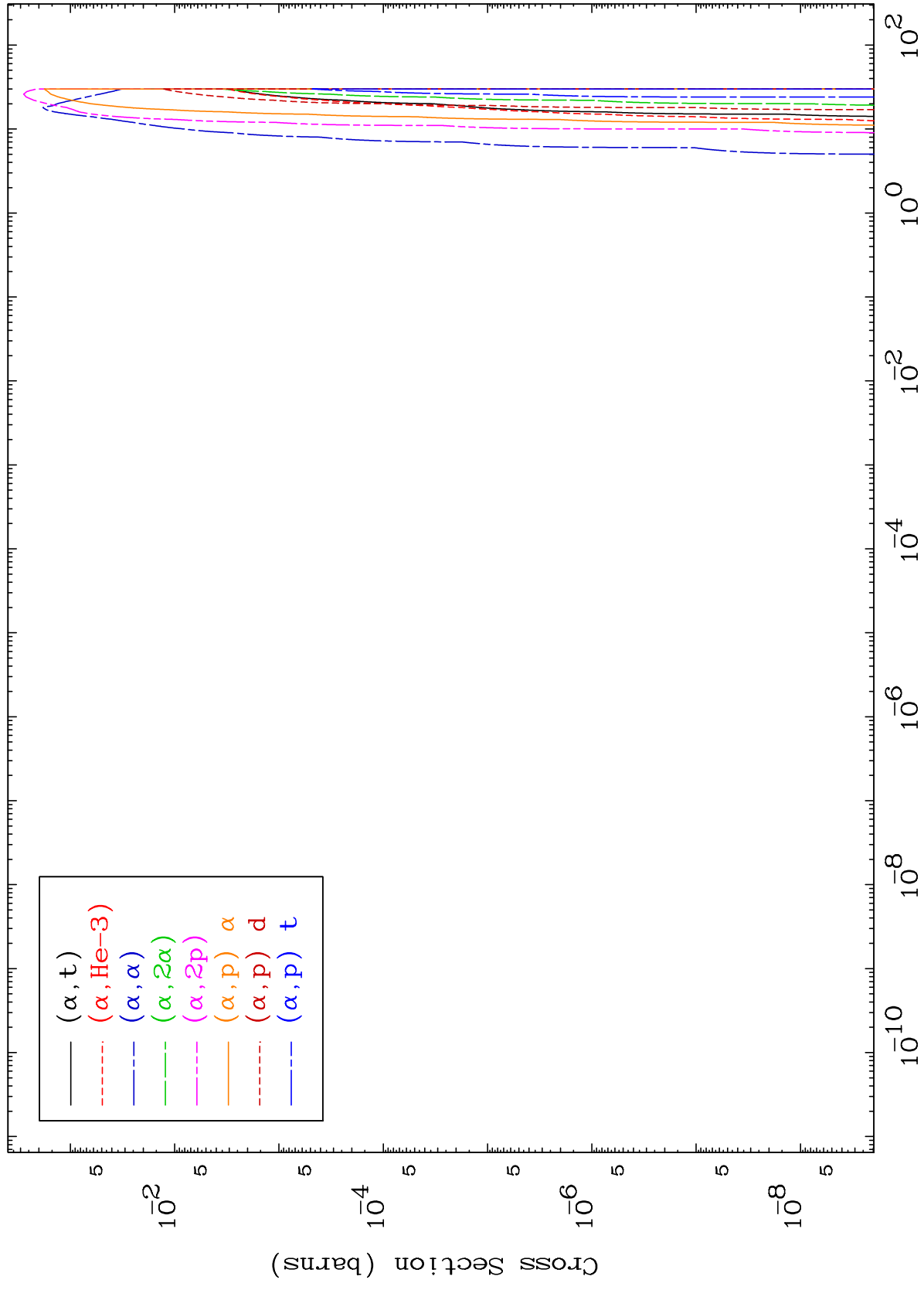
Incident Energy (MeV)

25-Mn-52

MAT 2517

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

25-Mn-52

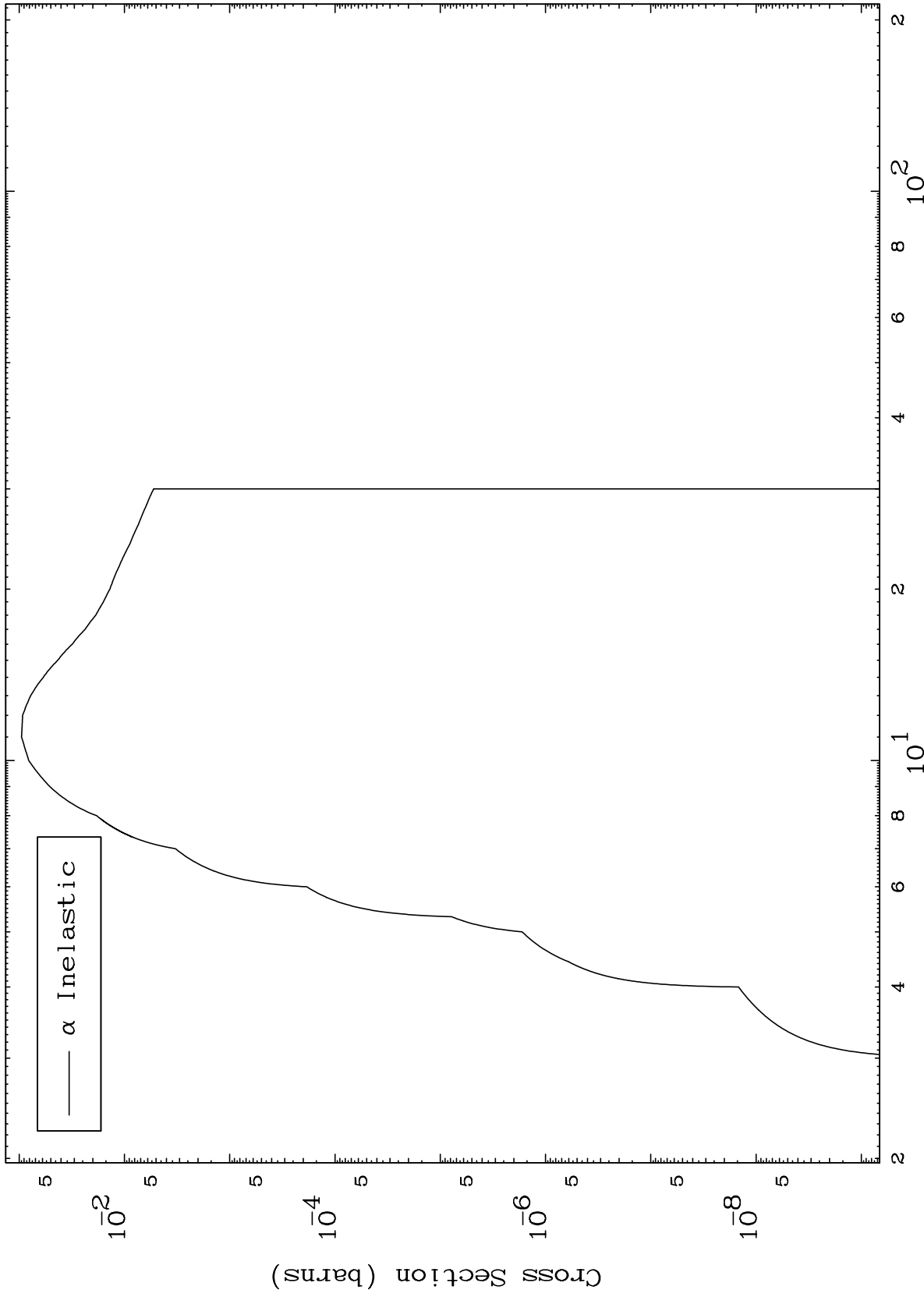


25-Mn-52

MAT 2517

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

25-Mn-52



$\alpha$  Inelastic

5

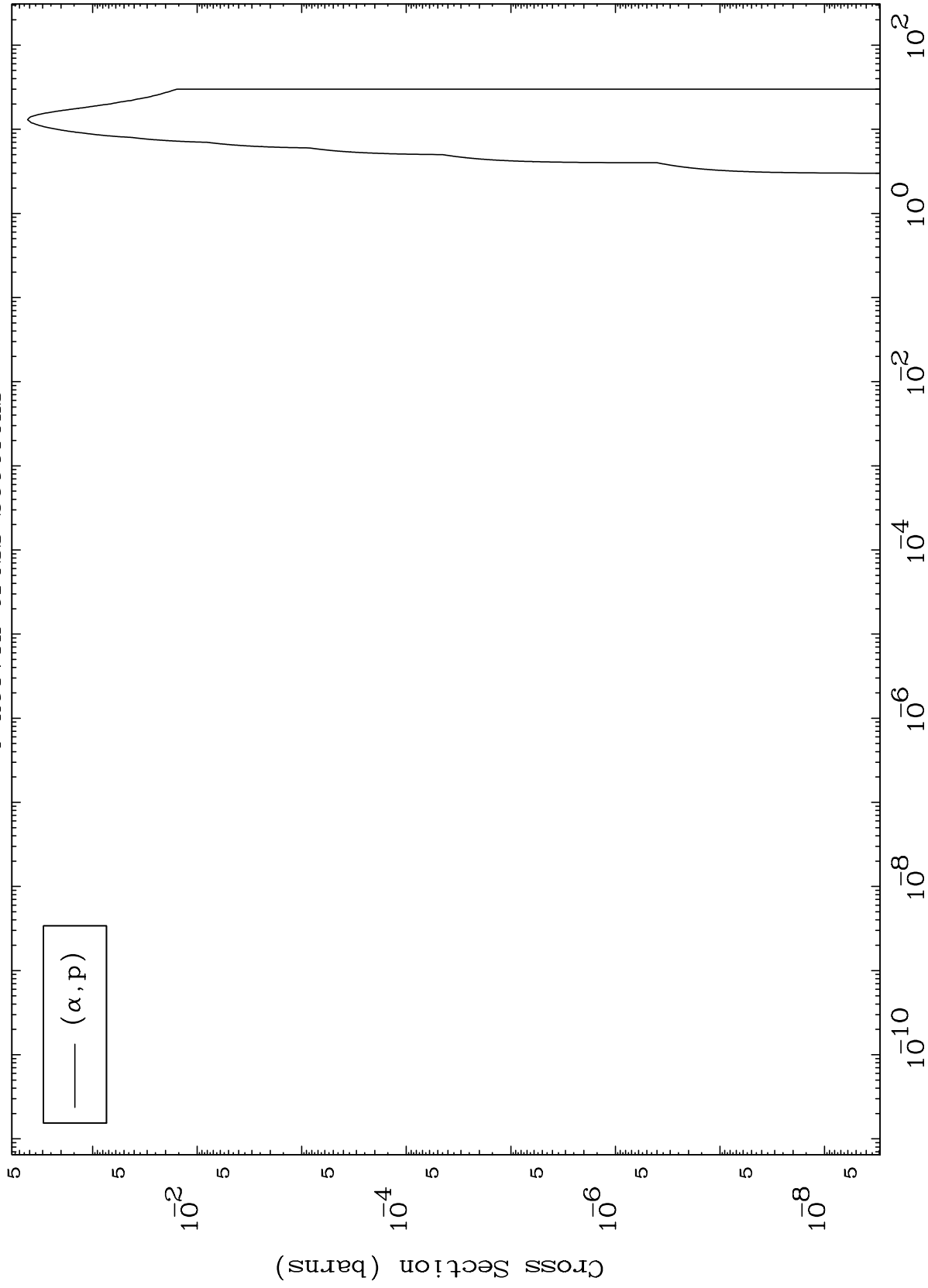
Incident Energy (MeV)

25-Mn-52

MAT 2517

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

25-Mn-52



6

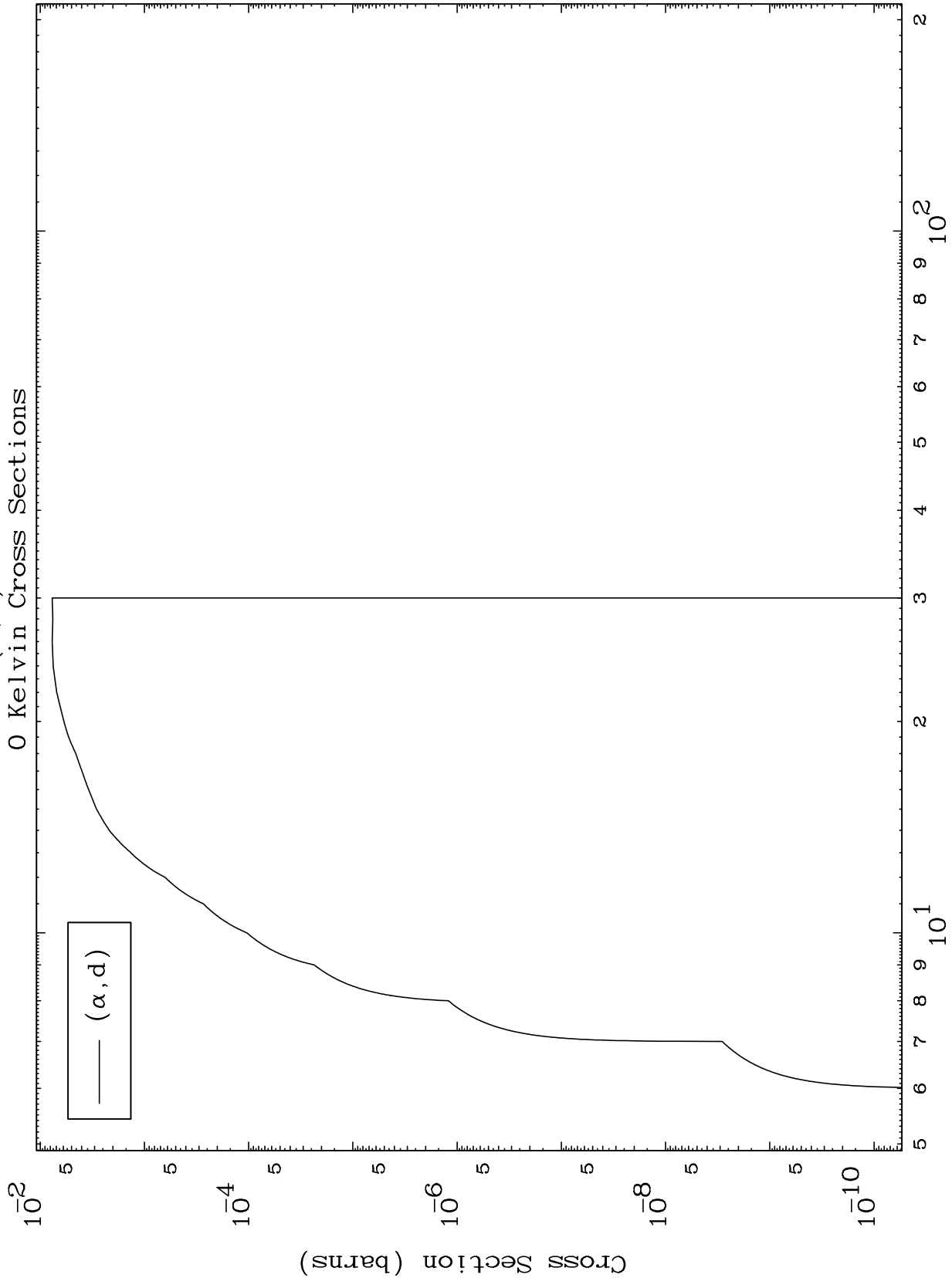
Incident Energy (MeV)

25-Mn-52

MAT 2517

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

25-Mn-52

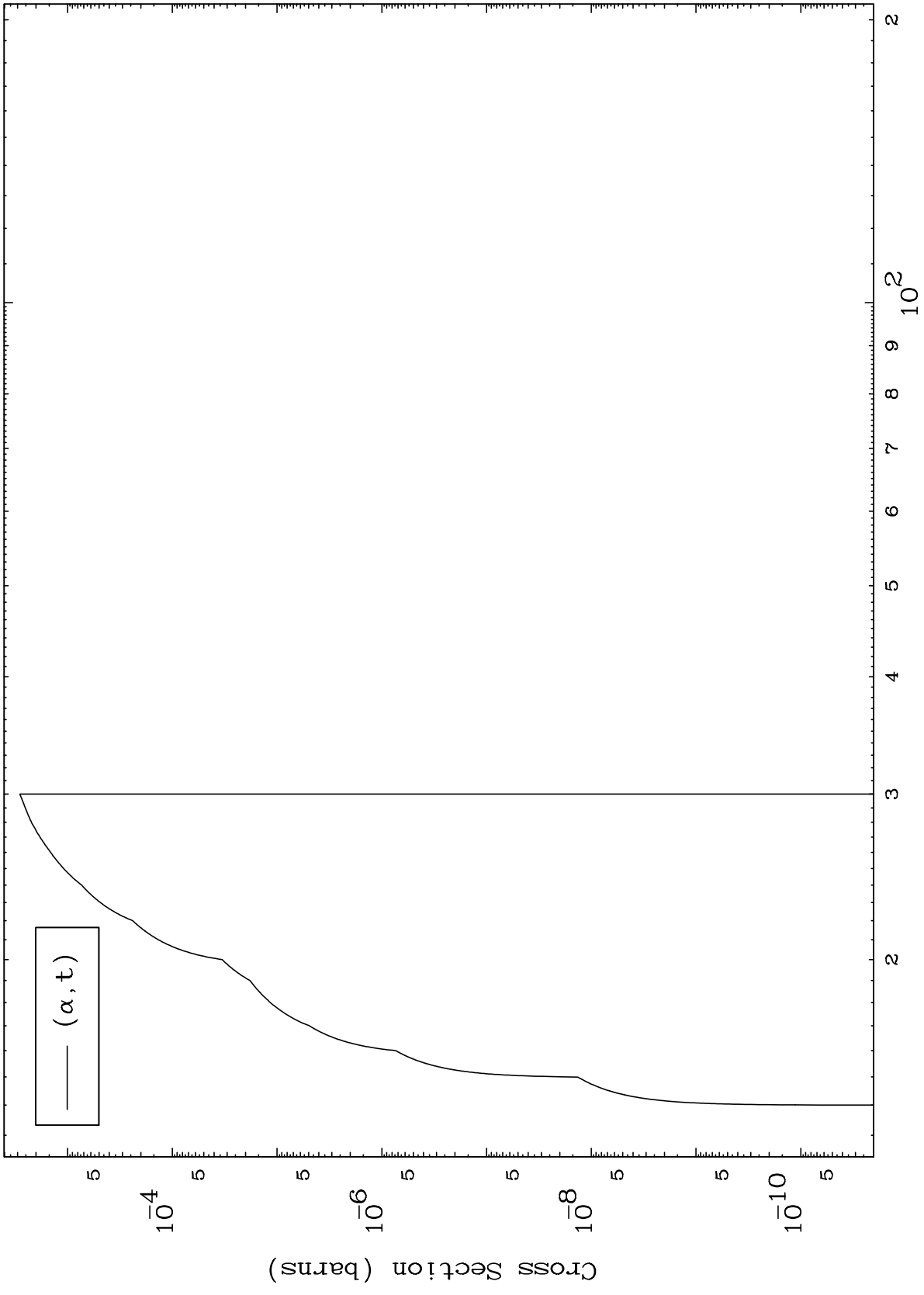


7

Incident Energy (MeV)

25-Mn-52

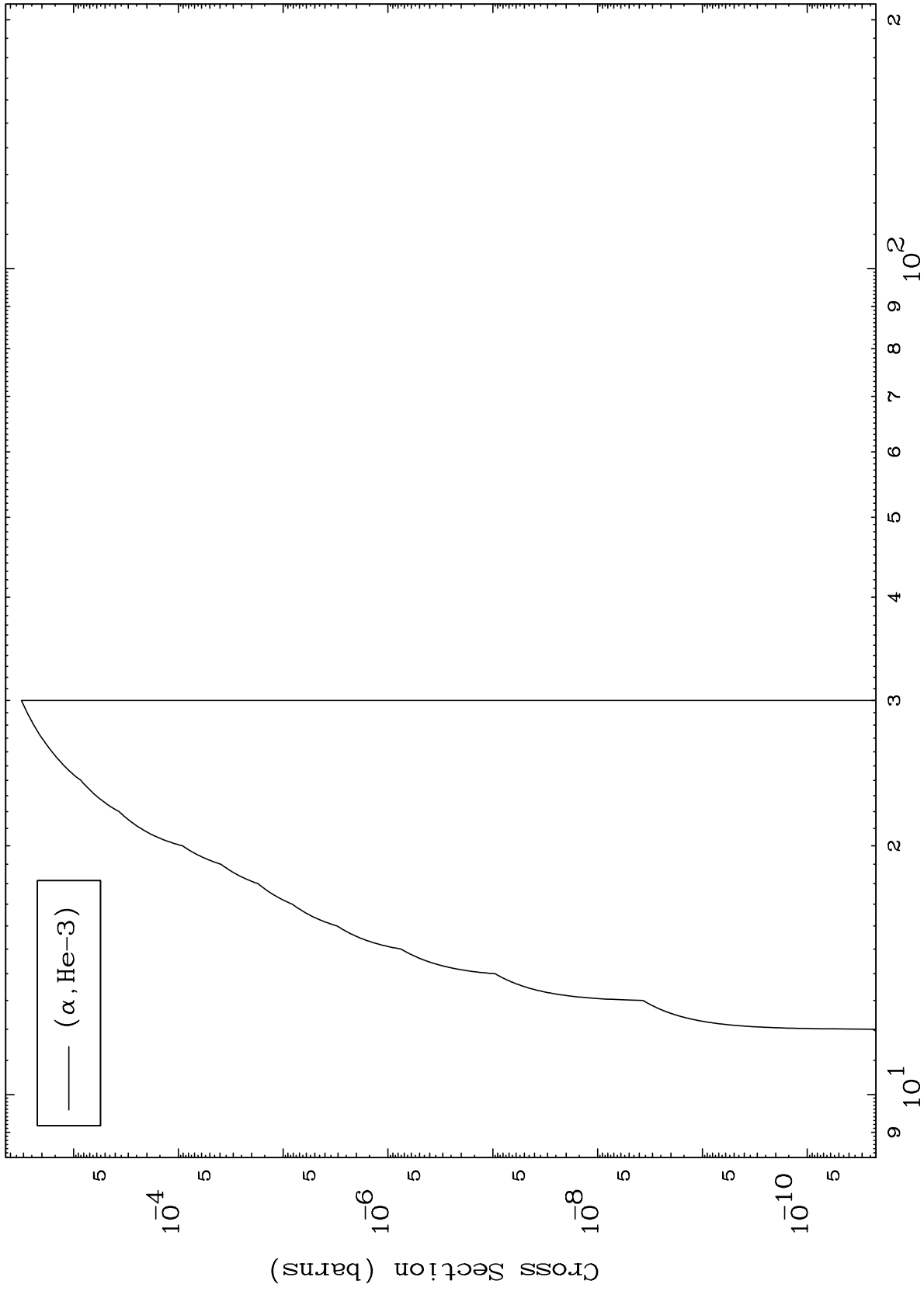




MAT 2517

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

25-Mn-52



9

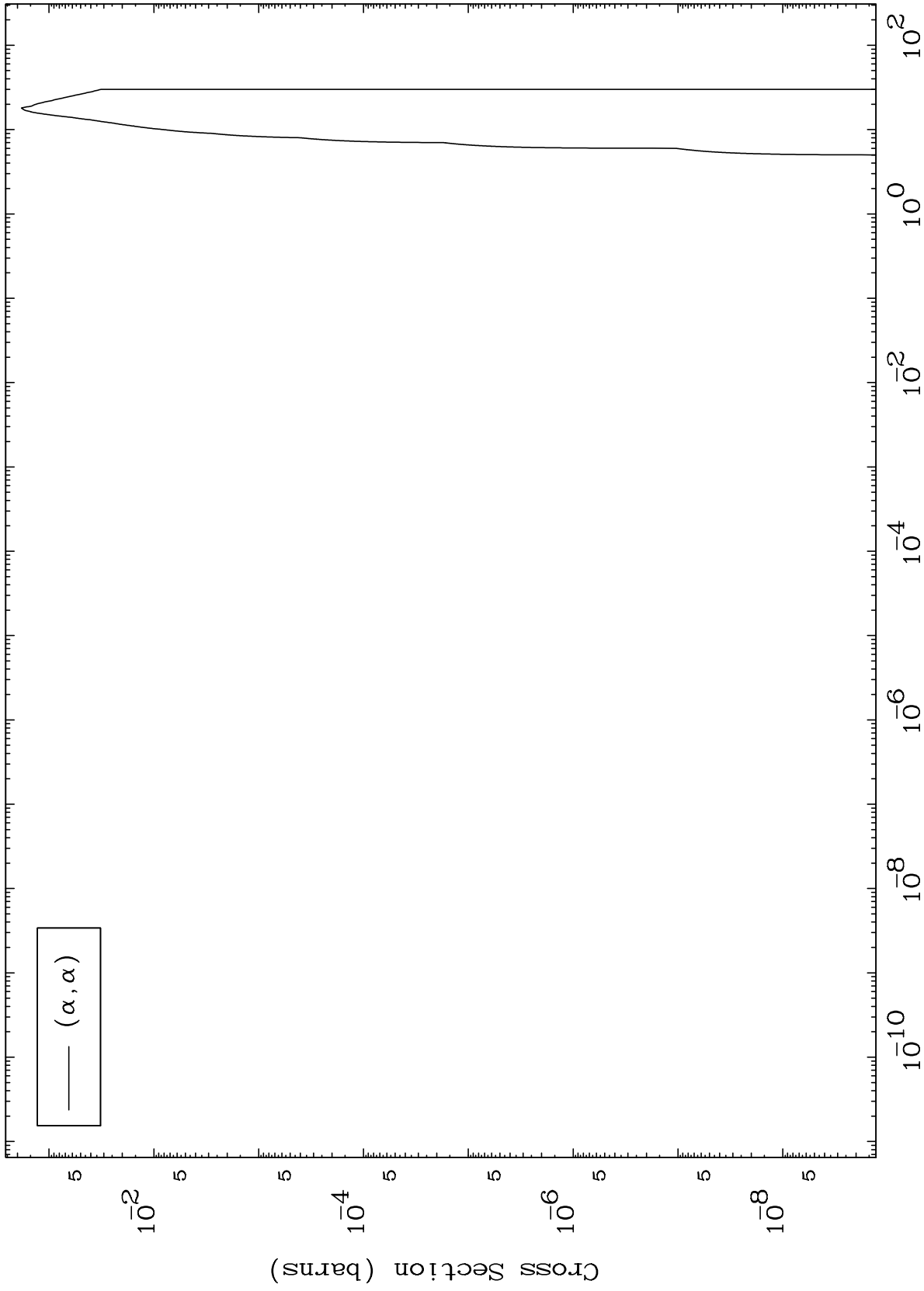
Incident Energy (MeV)

25-Mn-52

MAT 2517

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

25-Mn-52



10

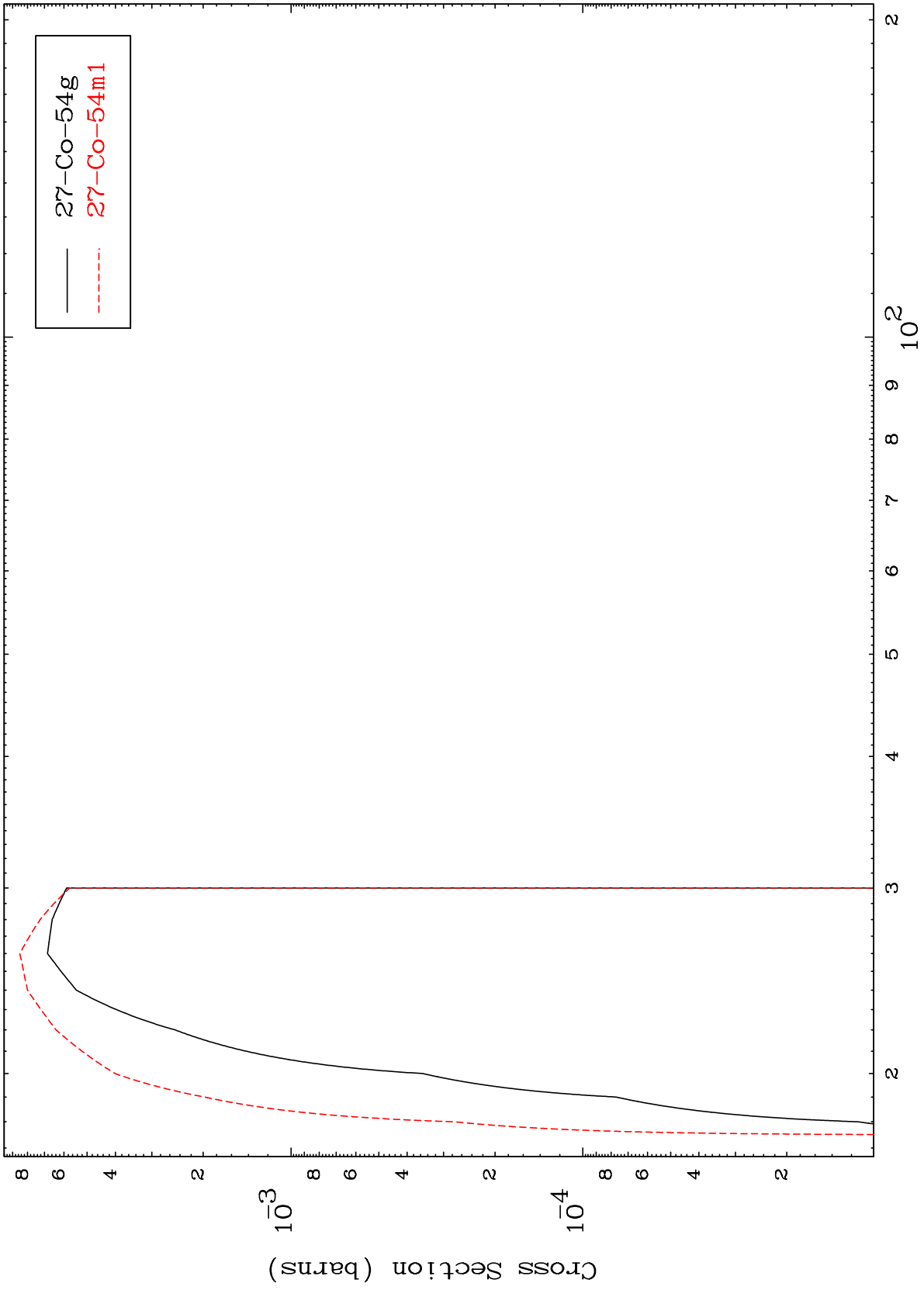
Incident Energy (MeV)

25-Mn-52

MAT 2517

<sup>25</sup>Mn-52

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



11

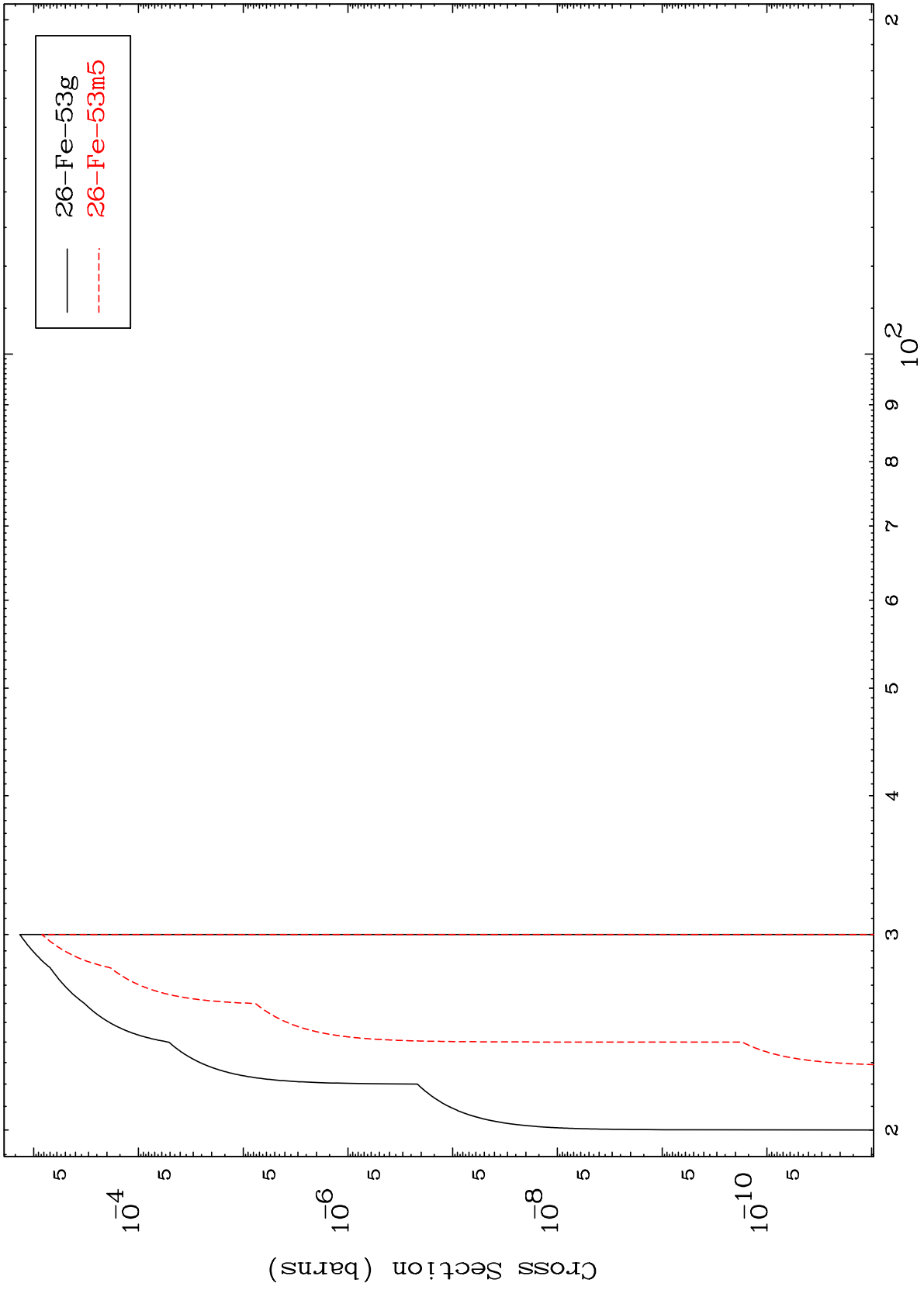
<sup>25</sup>Mn-52

MAT 2517

( $\alpha, n'$ ) d

25-Mn-52

Radionuclide Production Cross Section



12

Incident Energy (MeV)

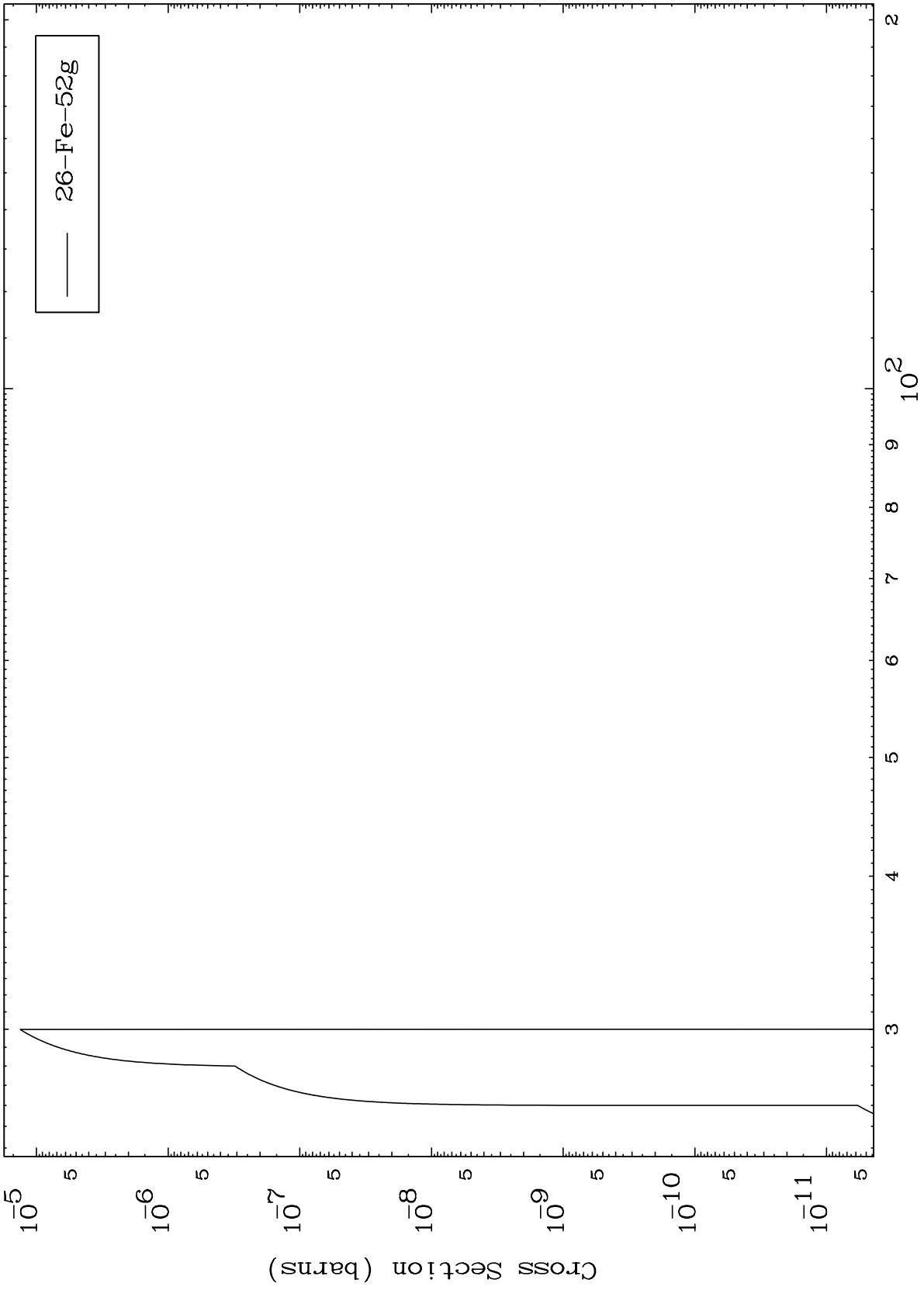
25-Mn-52

MAT 2517

( $\alpha, n'$ ) t

25-Mn-52

Radionuclide Production Cross Section



13

Incident Energy (MeV)

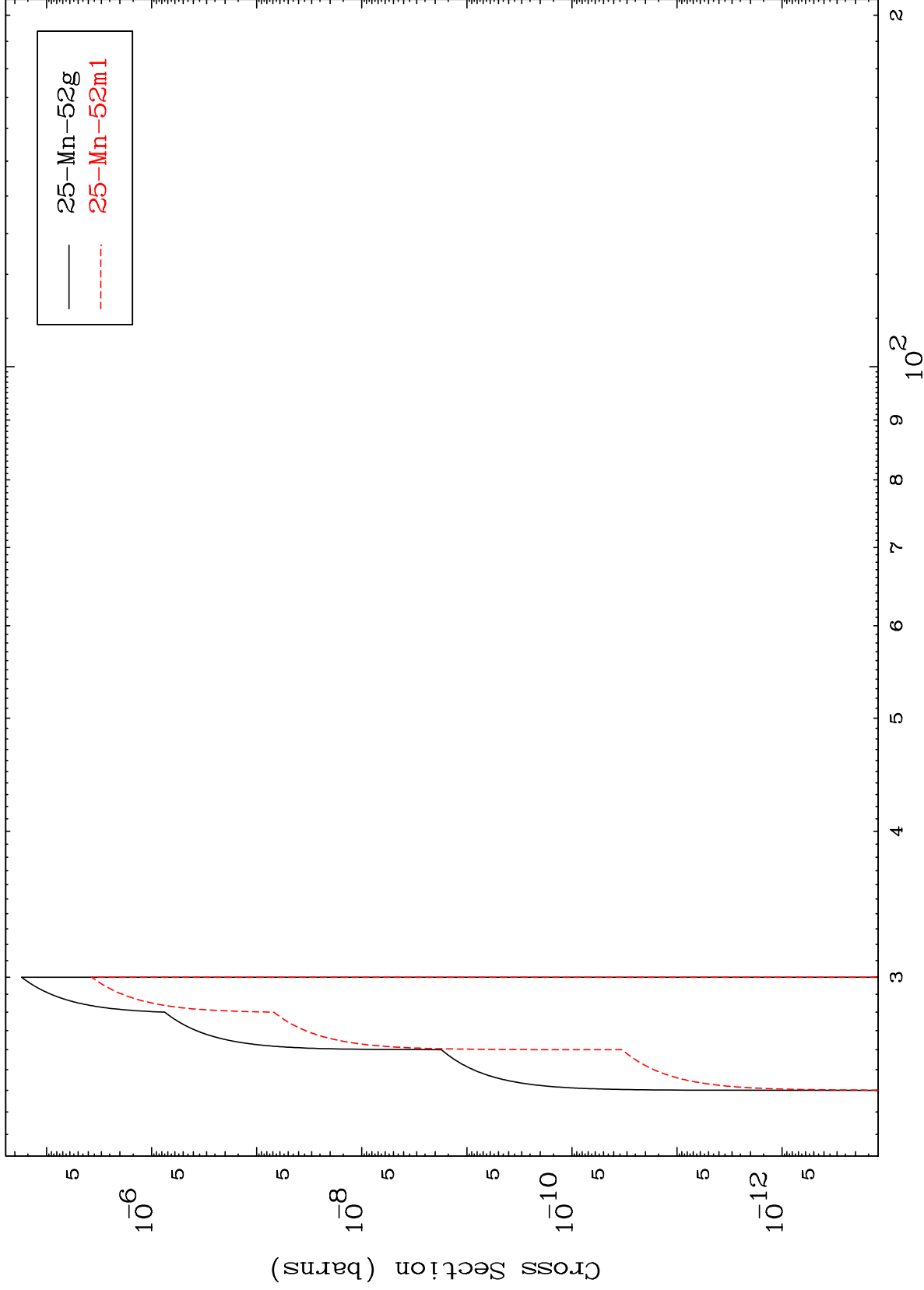
25-Mn-52

MAT 2517

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

<sup>25</sup>Mn-52

Radionuclide Production Cross Section



14

Incident Energy (MeV)

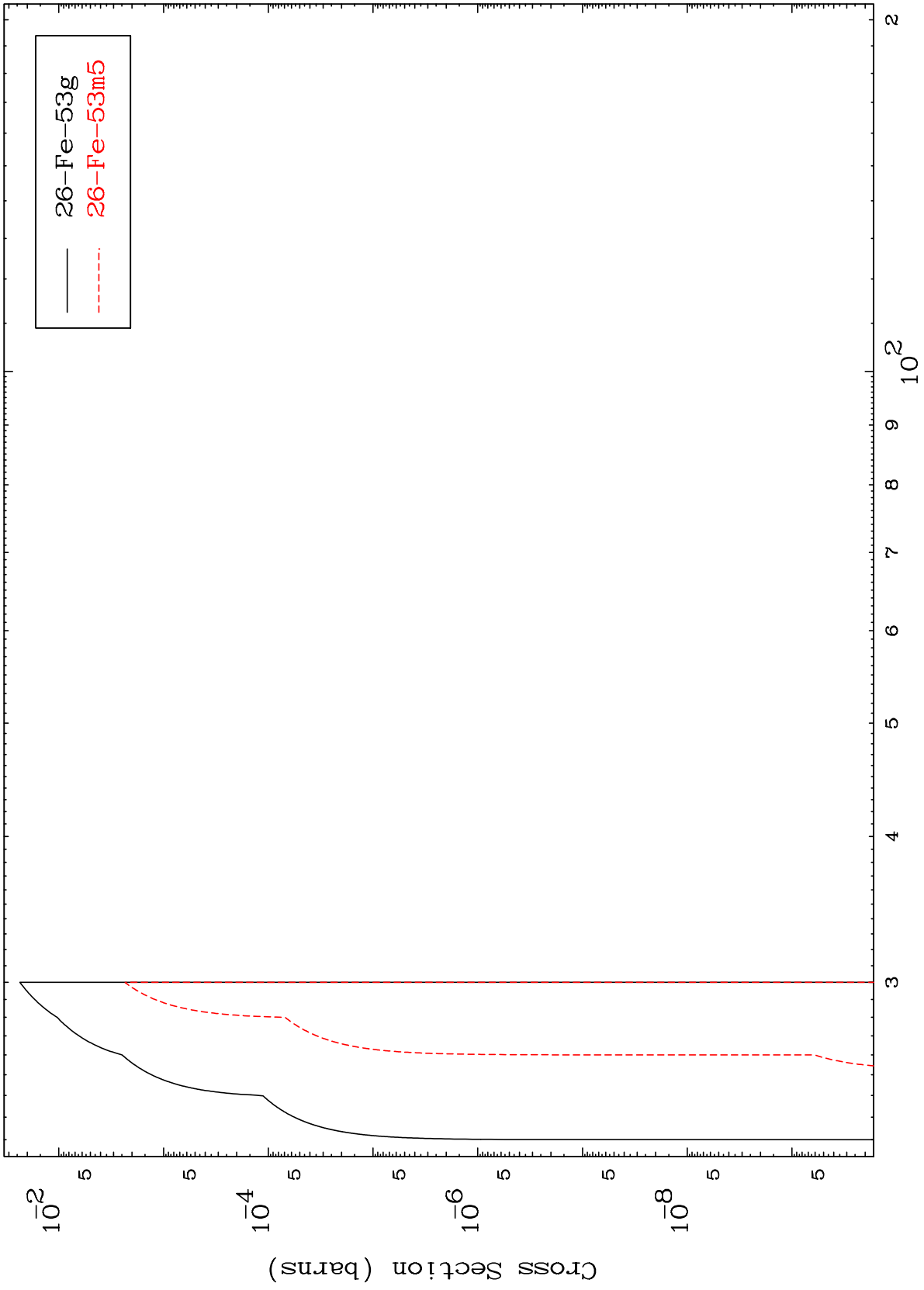
<sup>25</sup>Mn-52

MAT 2517

( $\alpha, 2n$ ) p

<sup>25</sup>Mn-52

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>25</sup>Mn-52

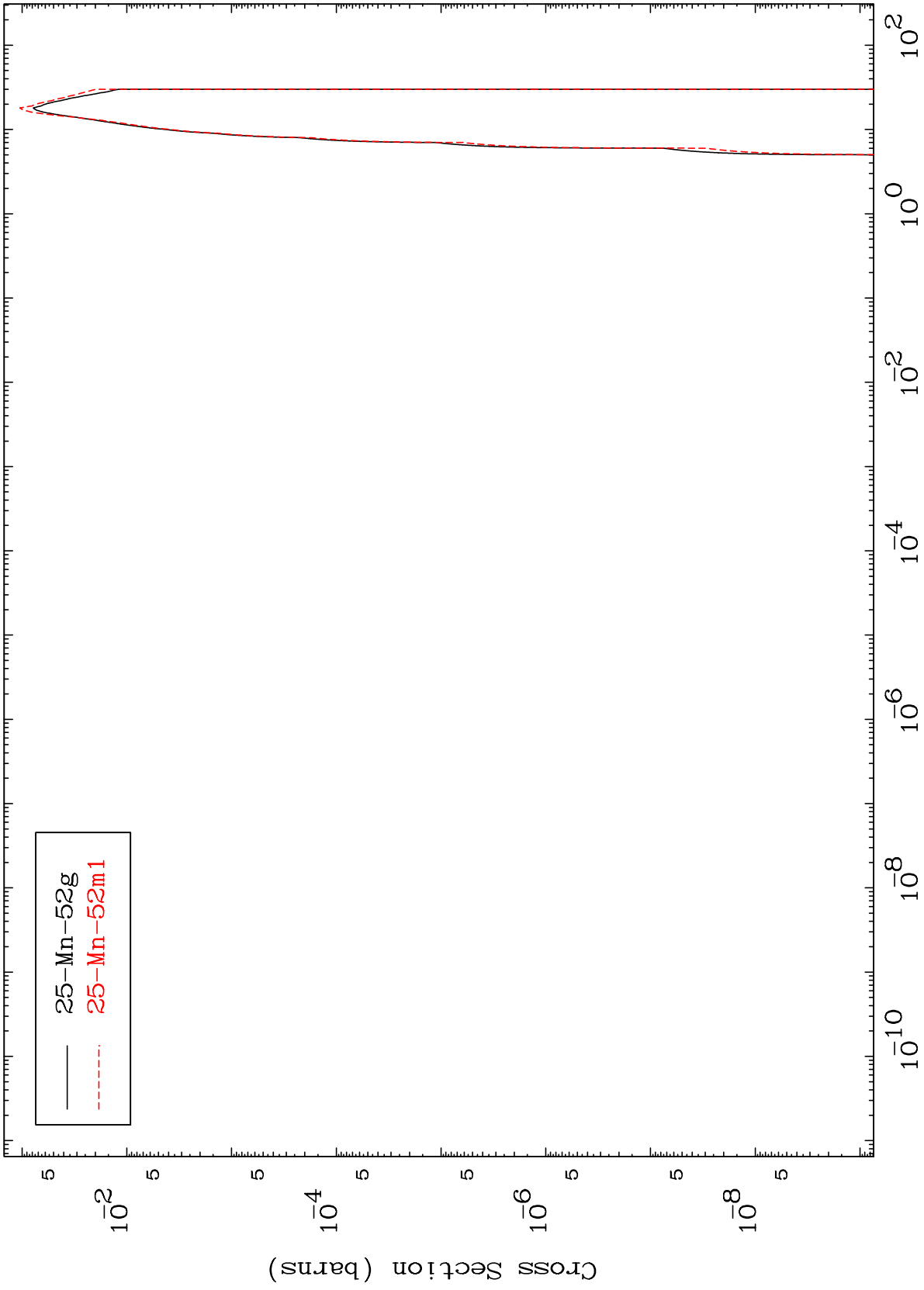




MAT 2517

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

$^{25}\text{Mn}-52$



17

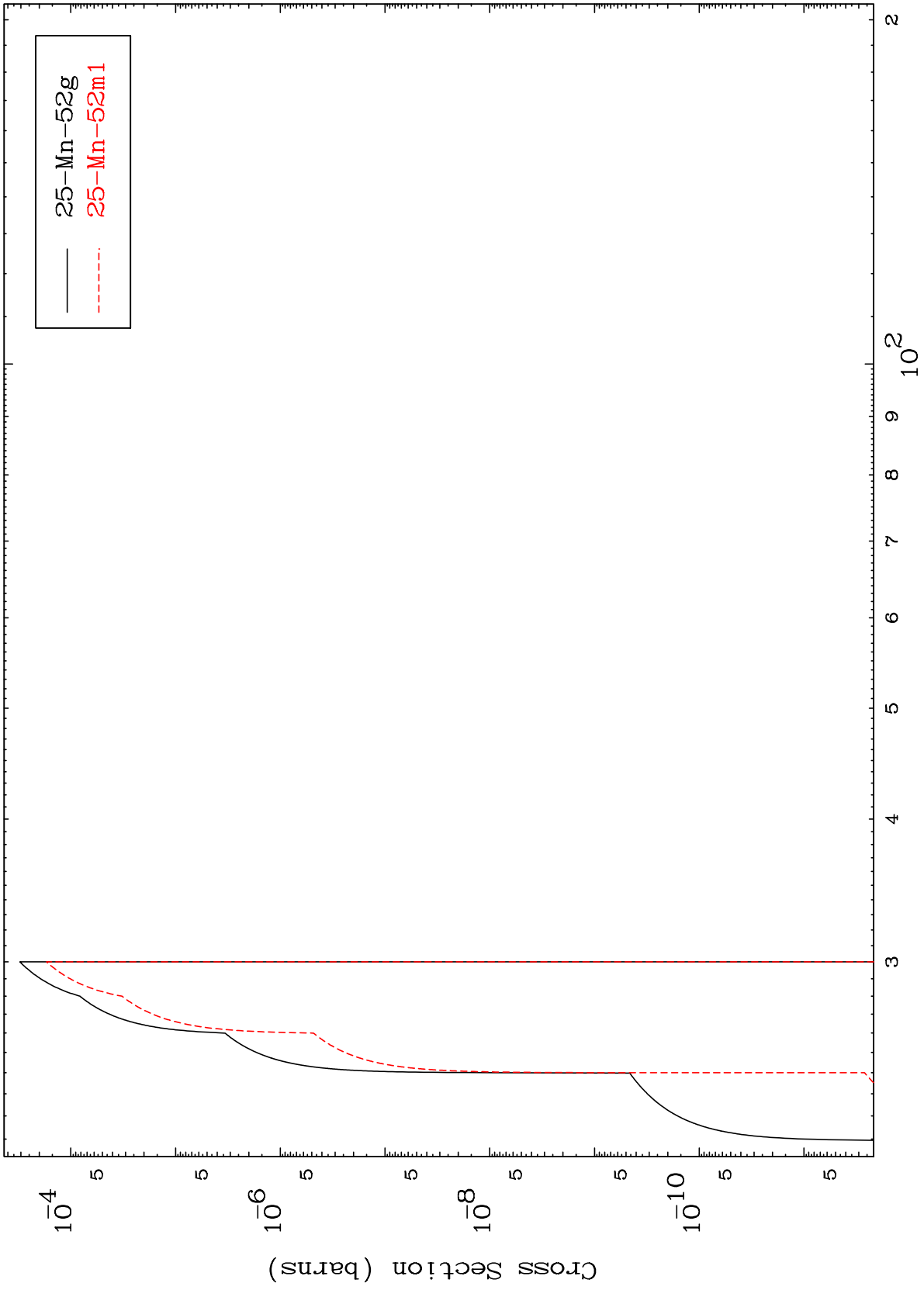
$^{25}\text{Mn}-52$

MAT 2517

( $\alpha, p$ ) t

<sup>25</sup>Mn-52

Radionuclide Production Cross Section



18

Incident Energy (MeV)

<sup>25</sup>Mn-52