

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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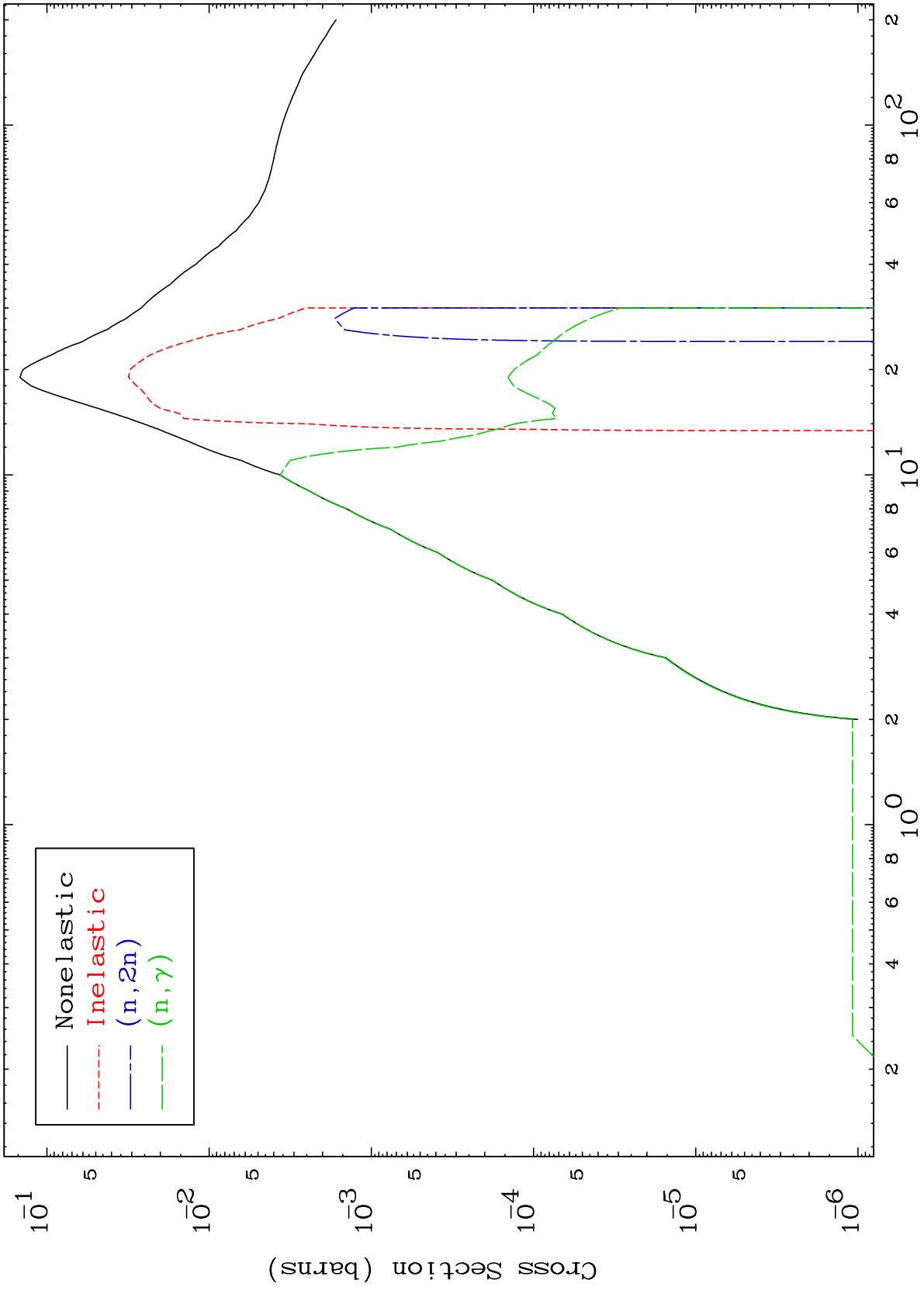
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2625

Photon Major  
0 Kelvin Cross Sections

<sup>26</sup>Fe-54



1

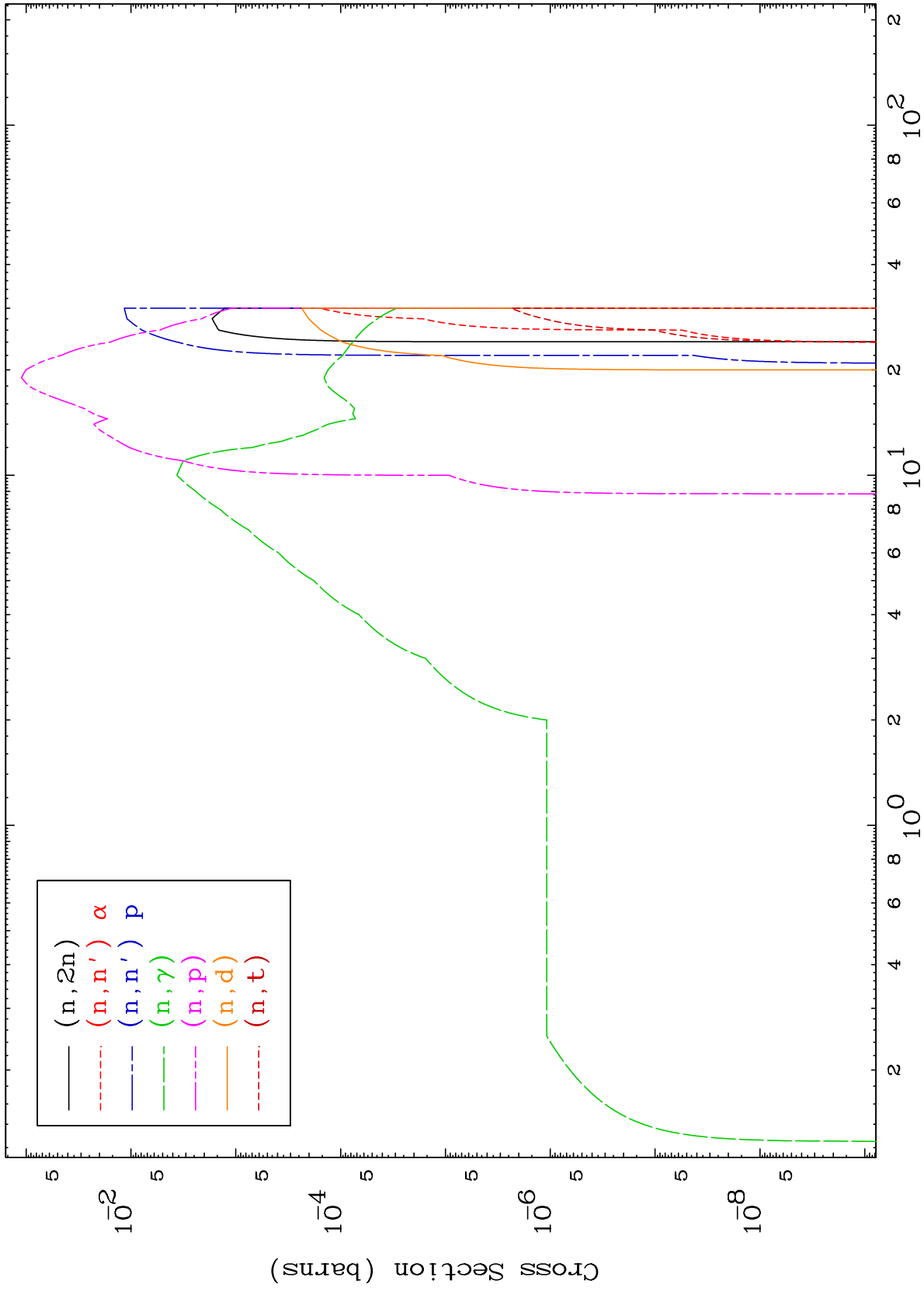
Incident Energy (MeV)

<sup>26</sup>Fe-54

MAT 2625

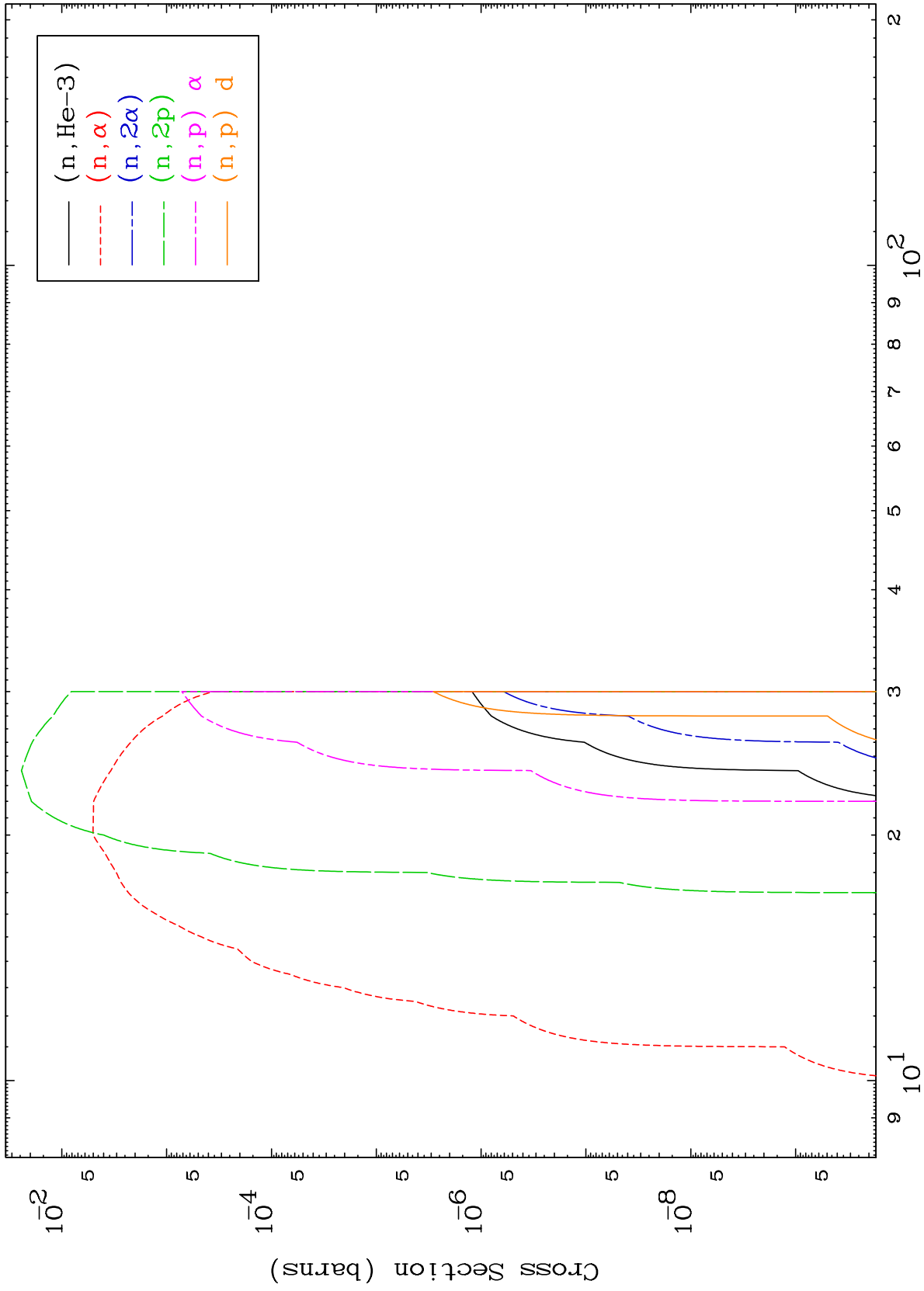
Photon Neutron Absorption  
0 Kelvin Cross Sections

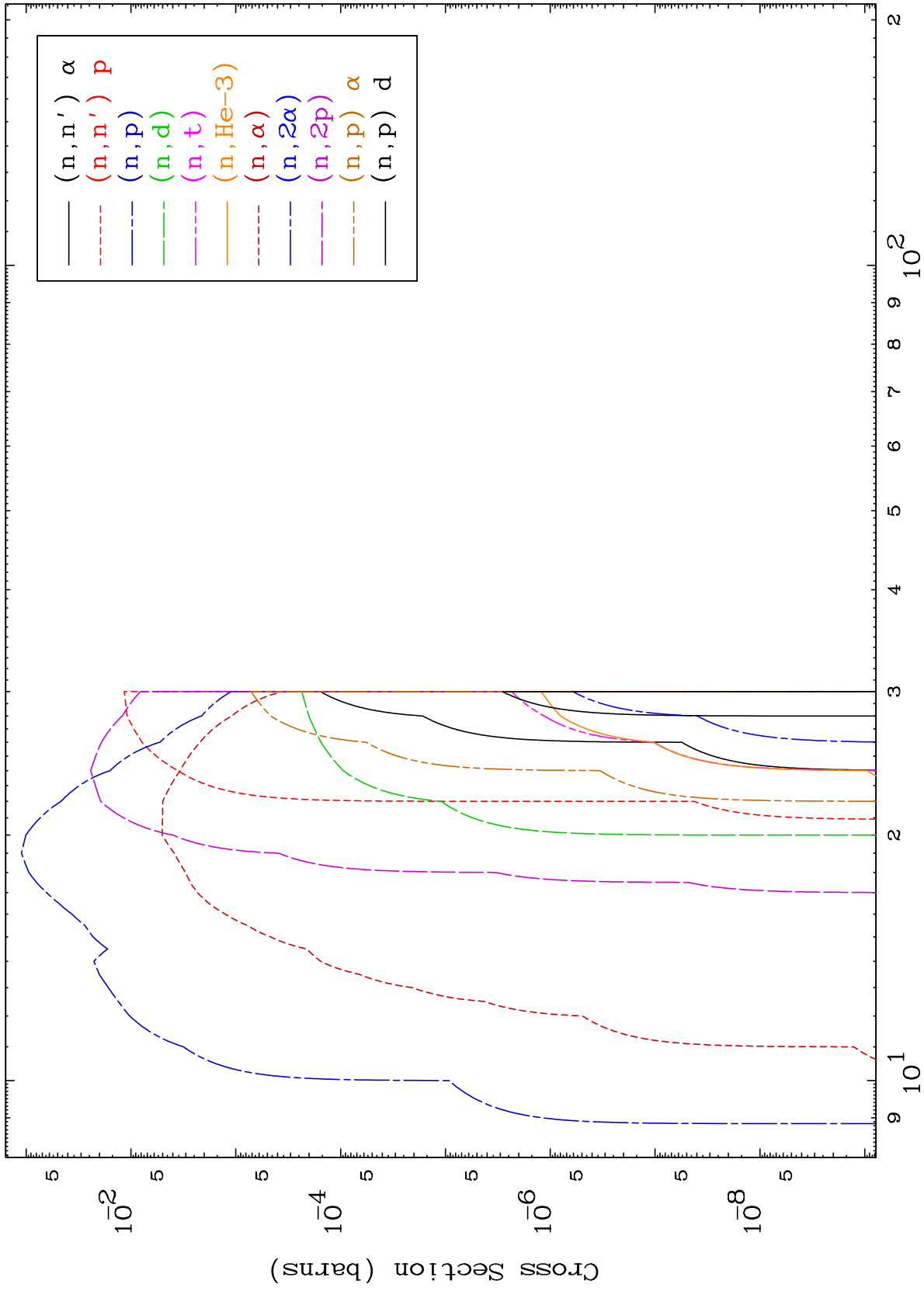
<sup>26</sup>Fe-54



2

<sup>26</sup>Fe-54

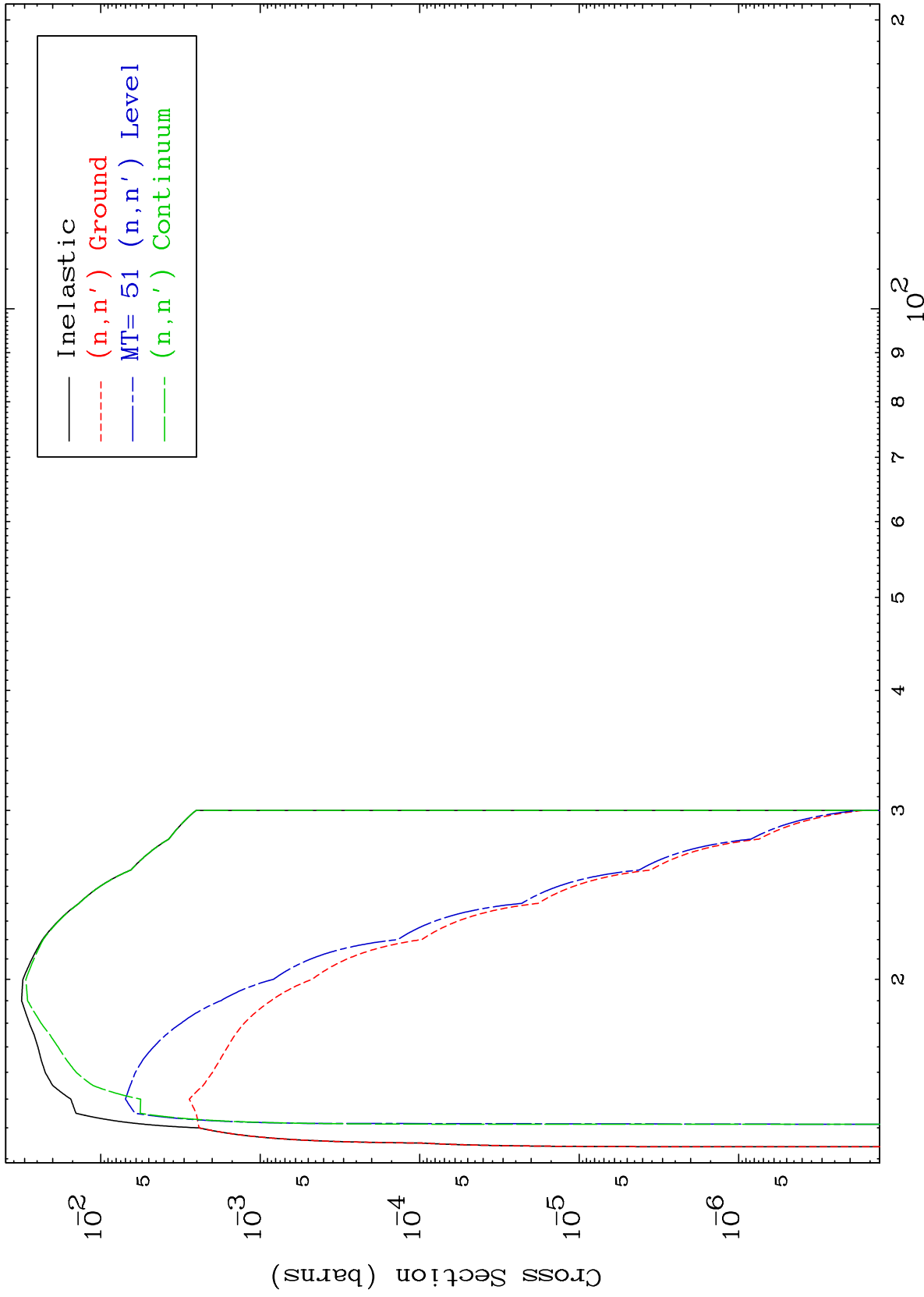




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$(\gamma, n')$  Levels  
0 Kelvin Cross Sections

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



5

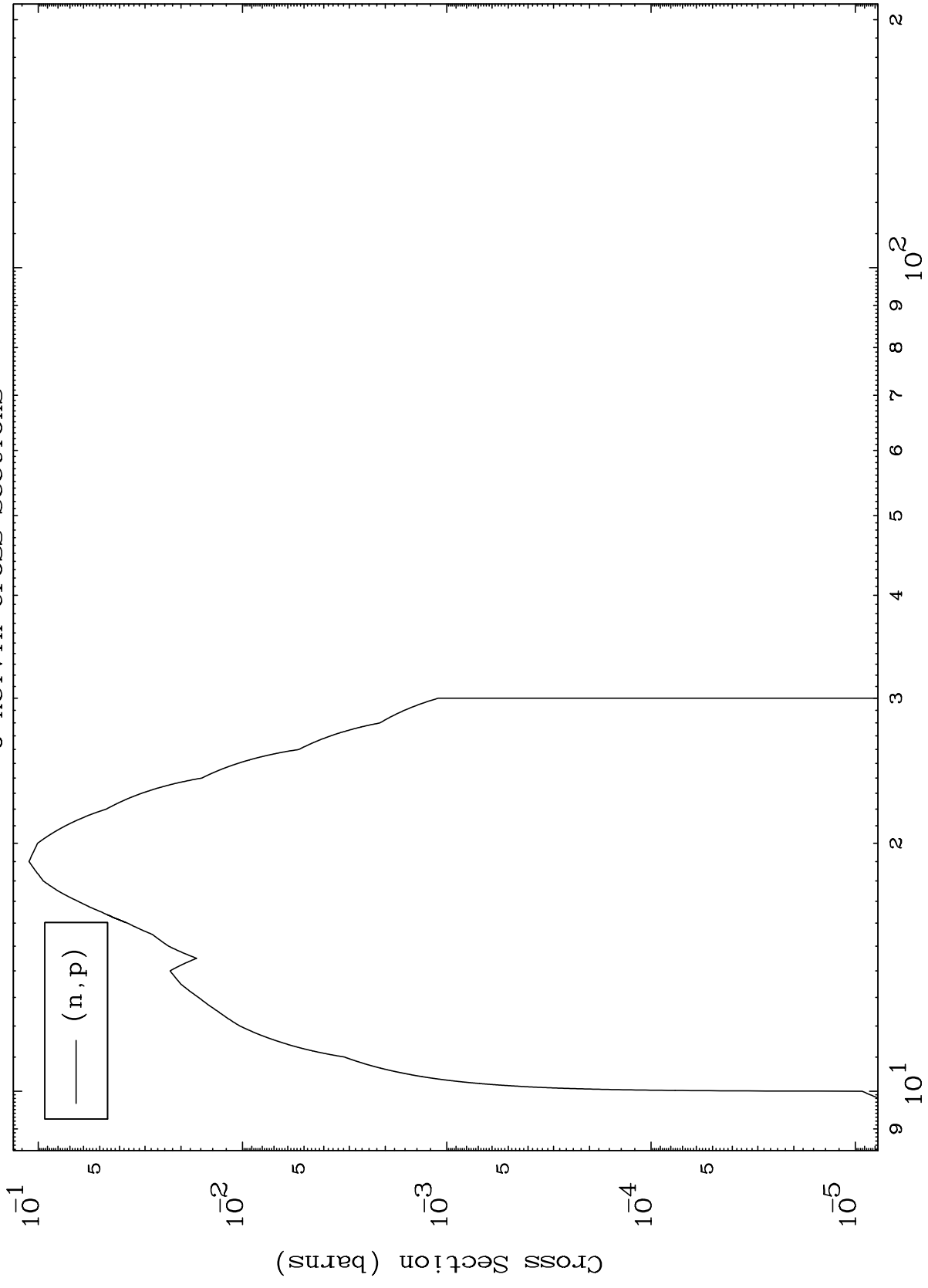
Incident Energy (MeV)

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

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

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



6

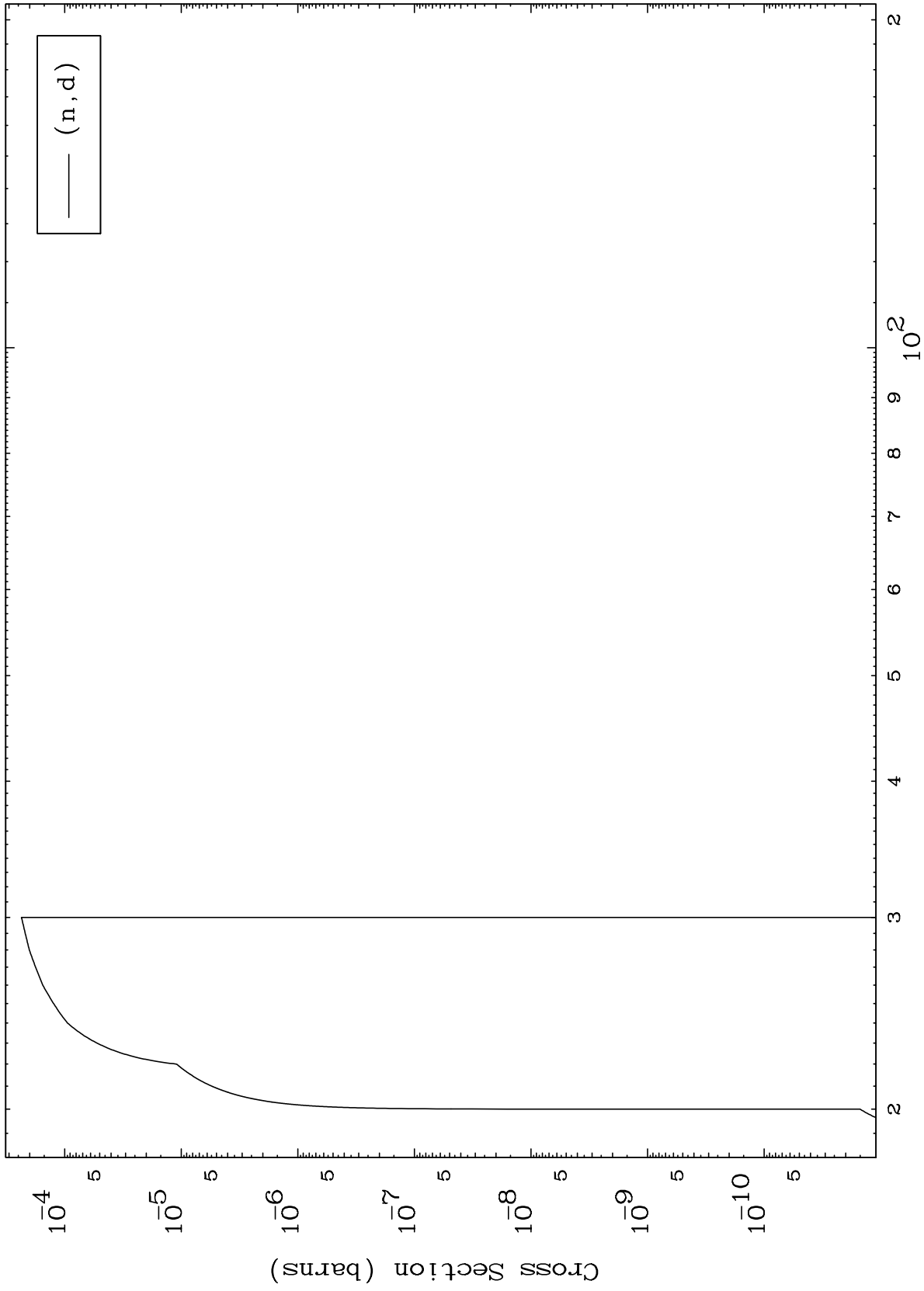
Incident Energy (MeV)

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

MAT 2625

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

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



7

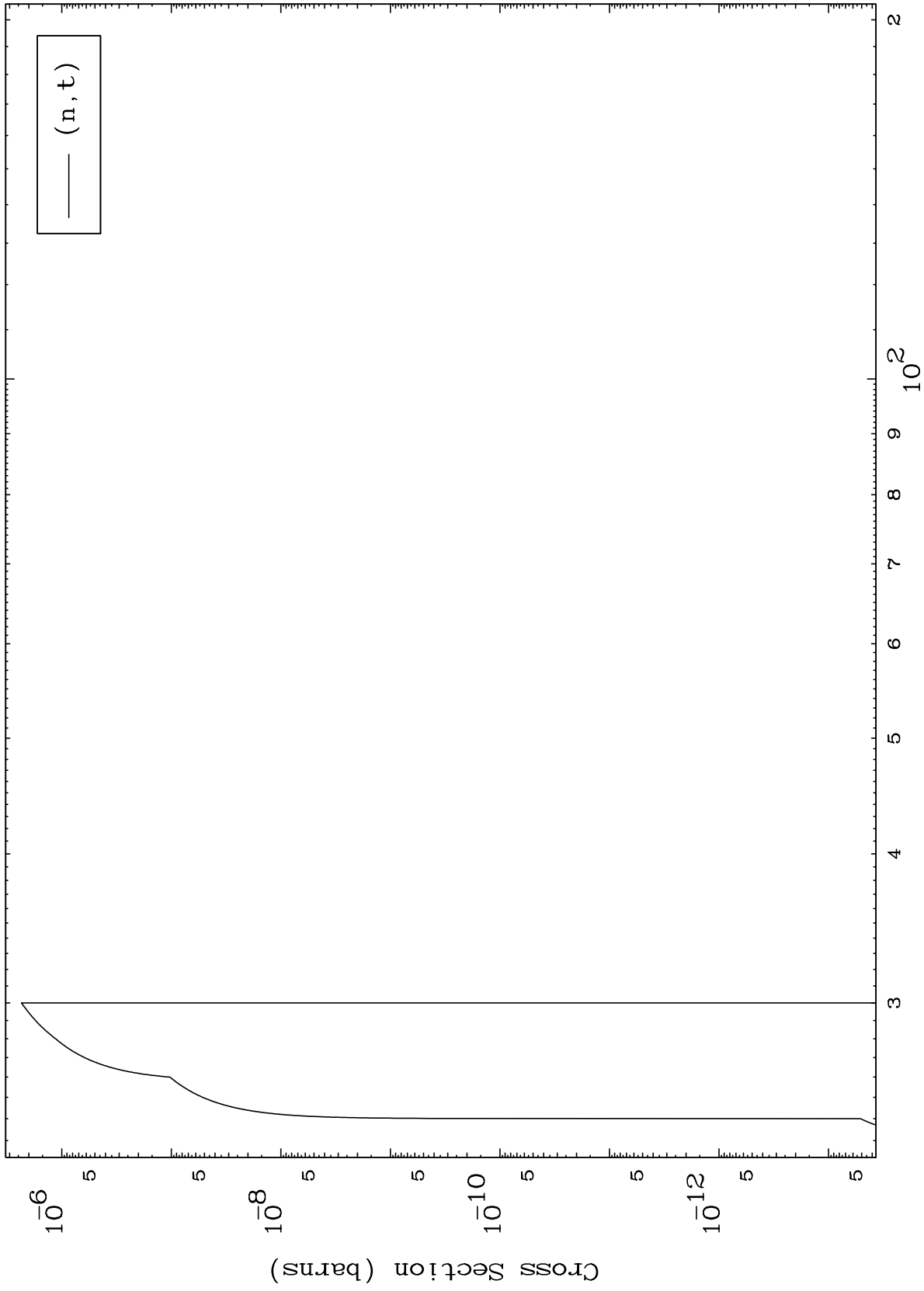
Incident Energy (MeV)

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

MAT 2625

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

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



8

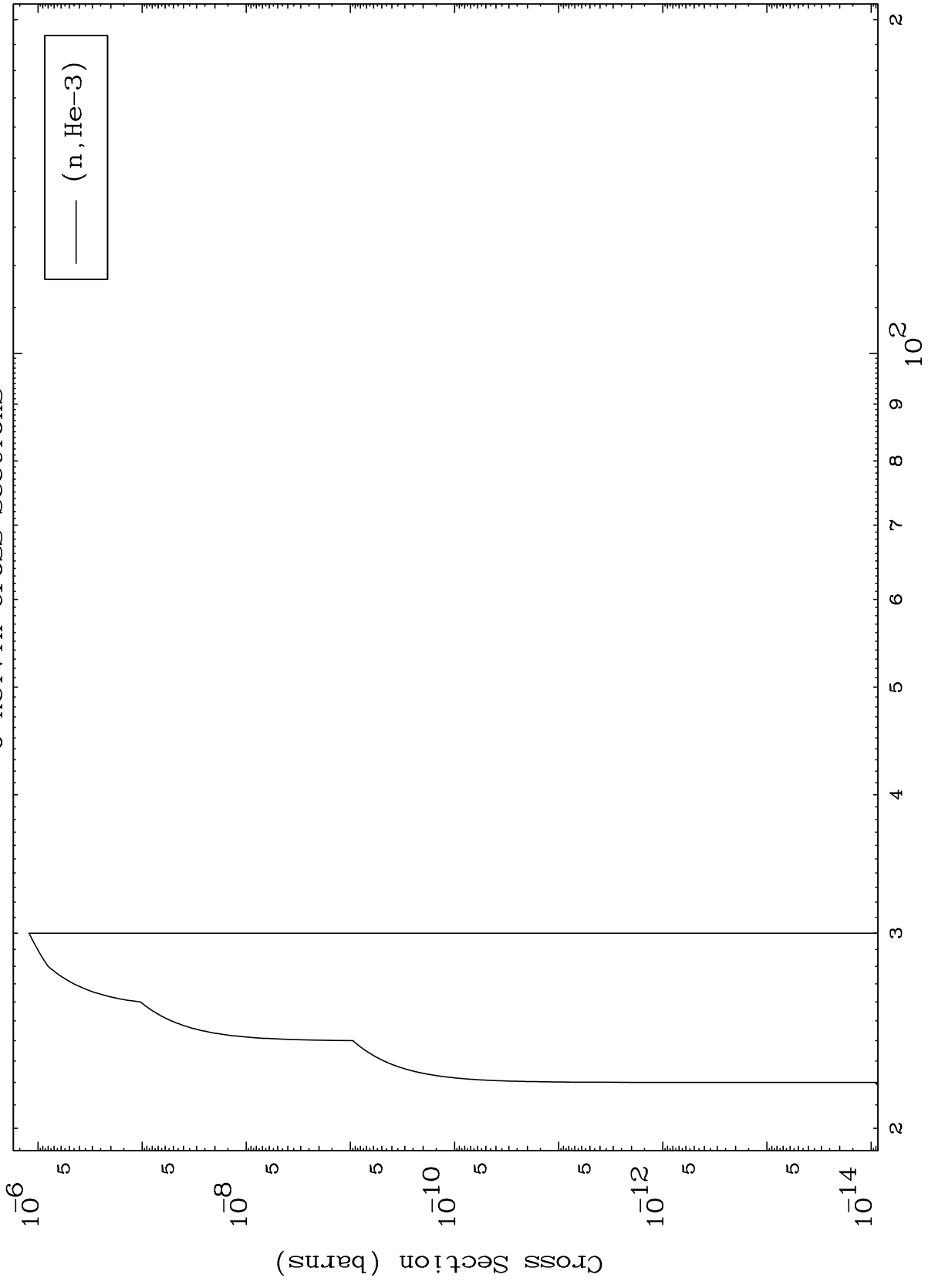
Incident Energy (MeV)

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

MAT 2625

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

26-Fe-54



9

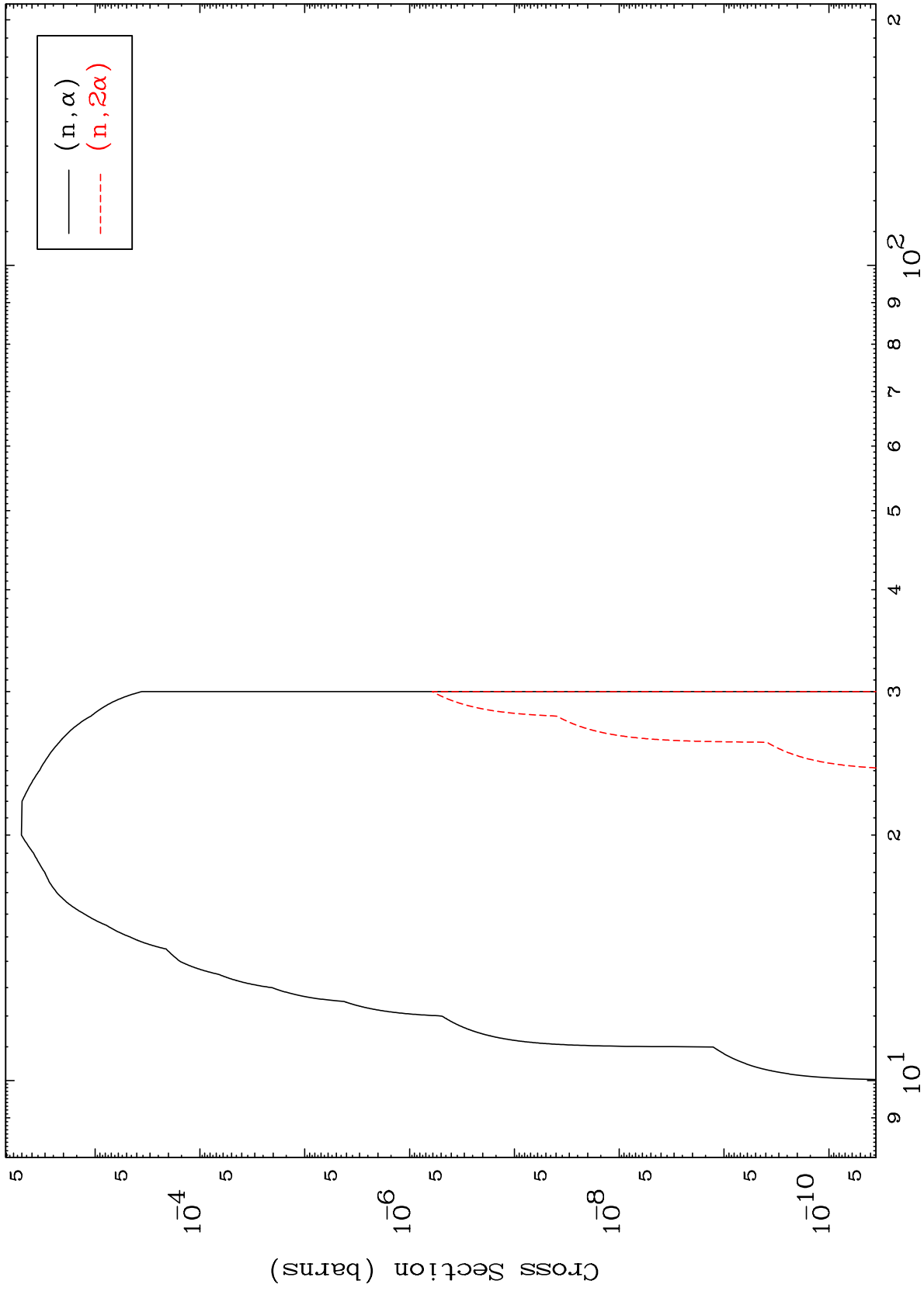
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

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



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

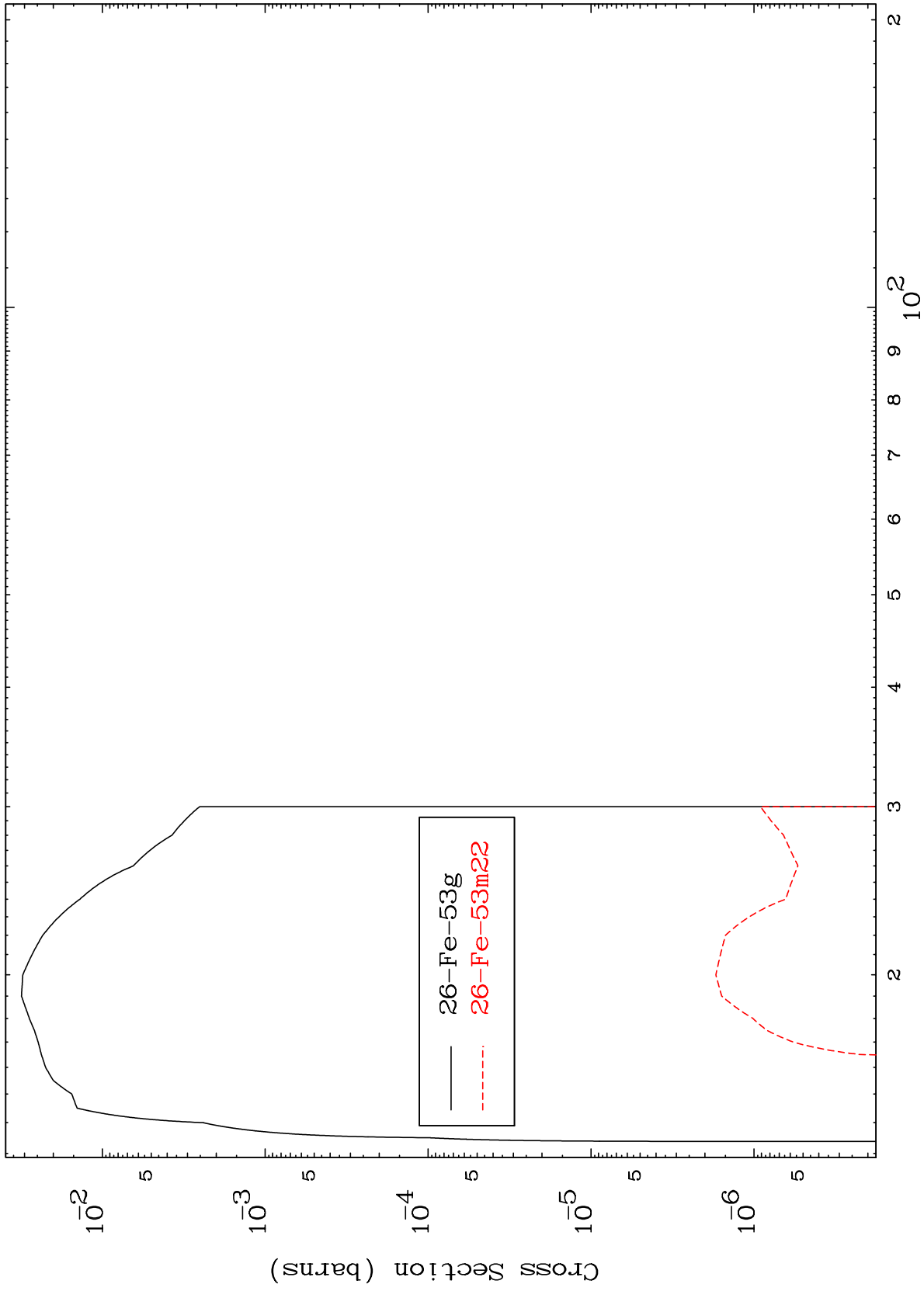
Incident Energy (MeV)

10

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

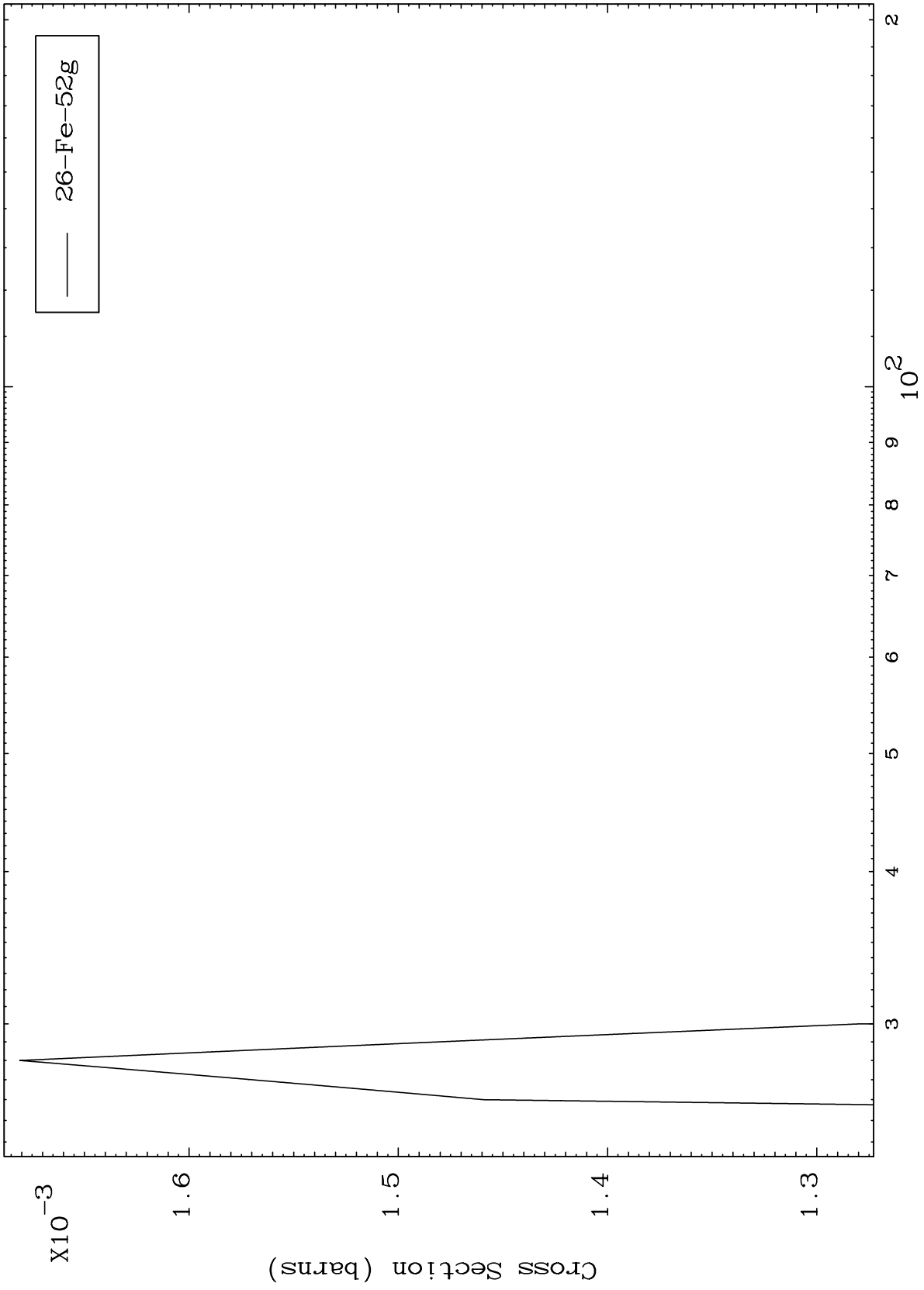
Inelastic  
Radionuclide Production Cross Section



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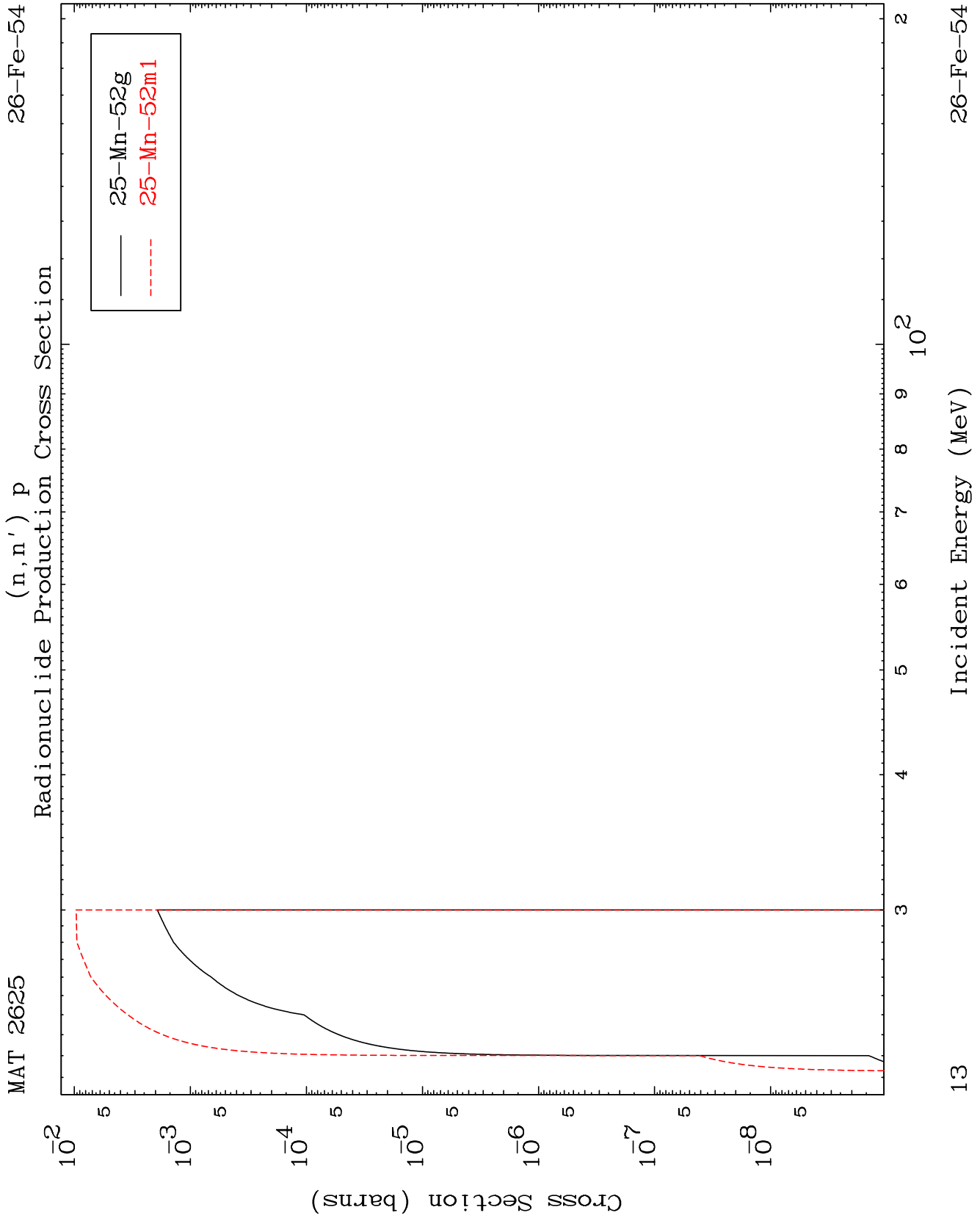
<sup>26</sup>Fe-54

(n,2n)  
Radionuclide Production Cross Section



12

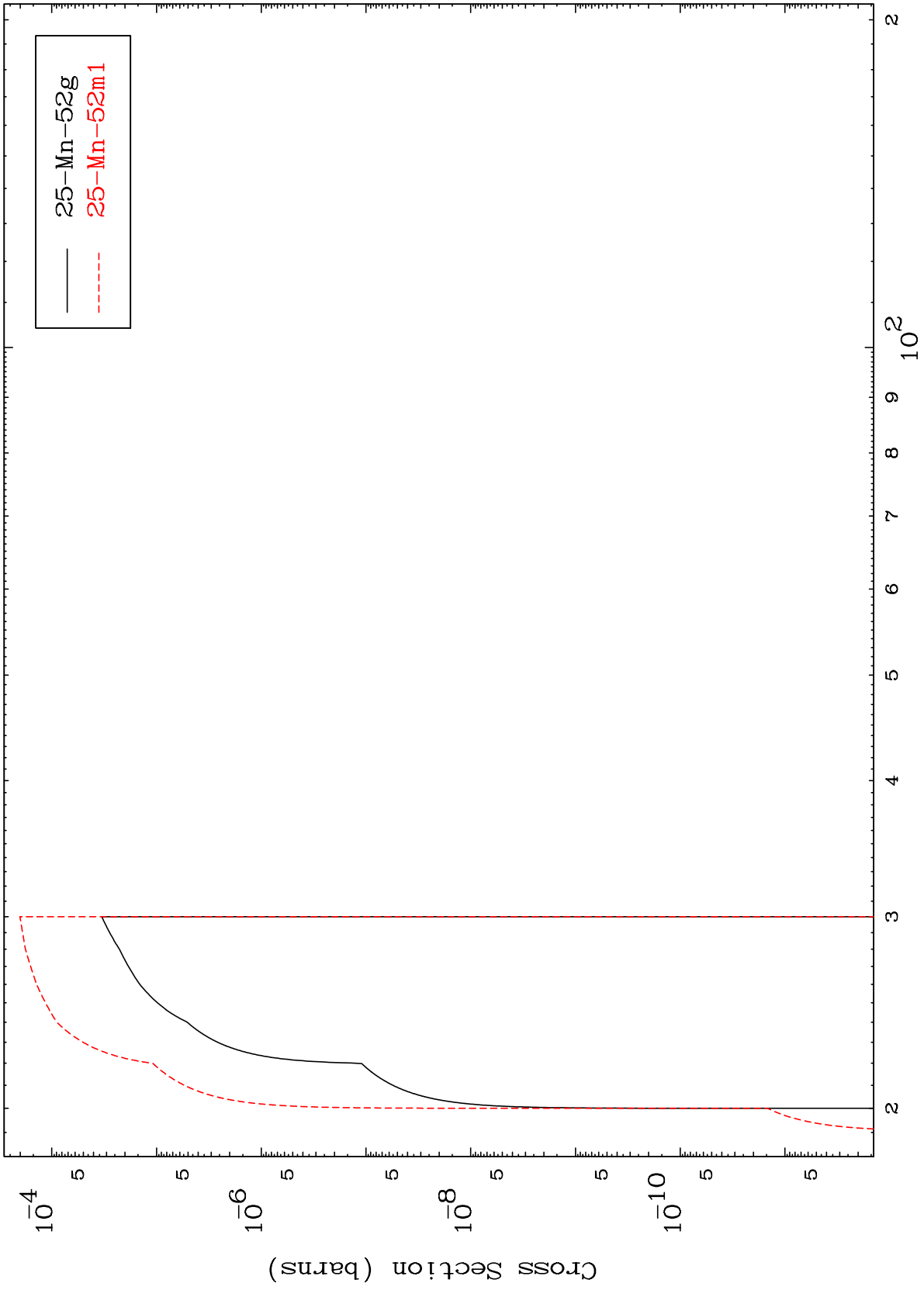
<sup>26</sup>Fe-54



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<sup>26</sup>Fe-54

(n,d)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

<sup>26</sup>Fe-54