

Program EVALPLOT  
(Version 2021-1)

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](mailto:redcullen1@comcast.net)

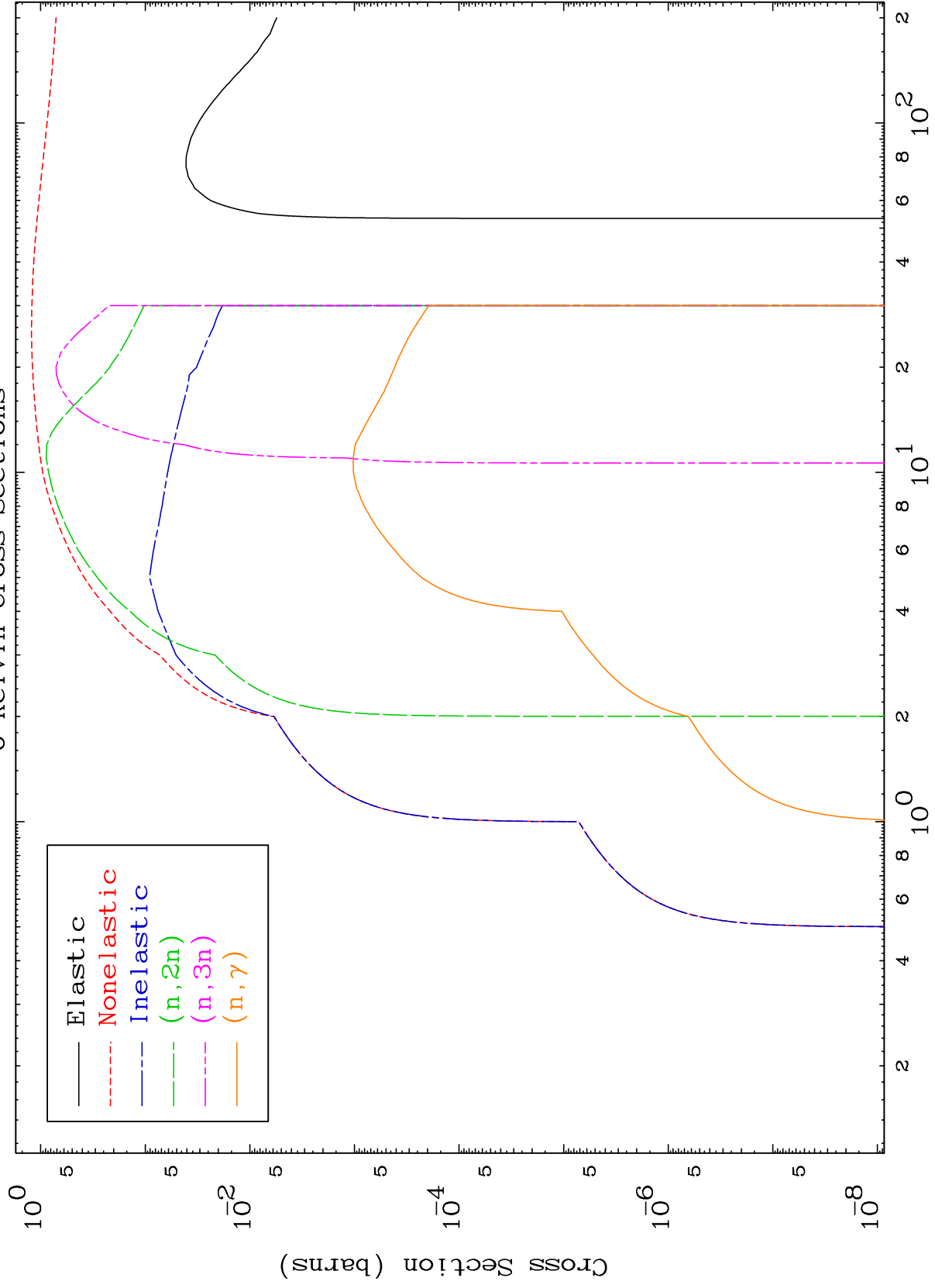
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2655

Proton Major  
0 Kelvin Cross Sections

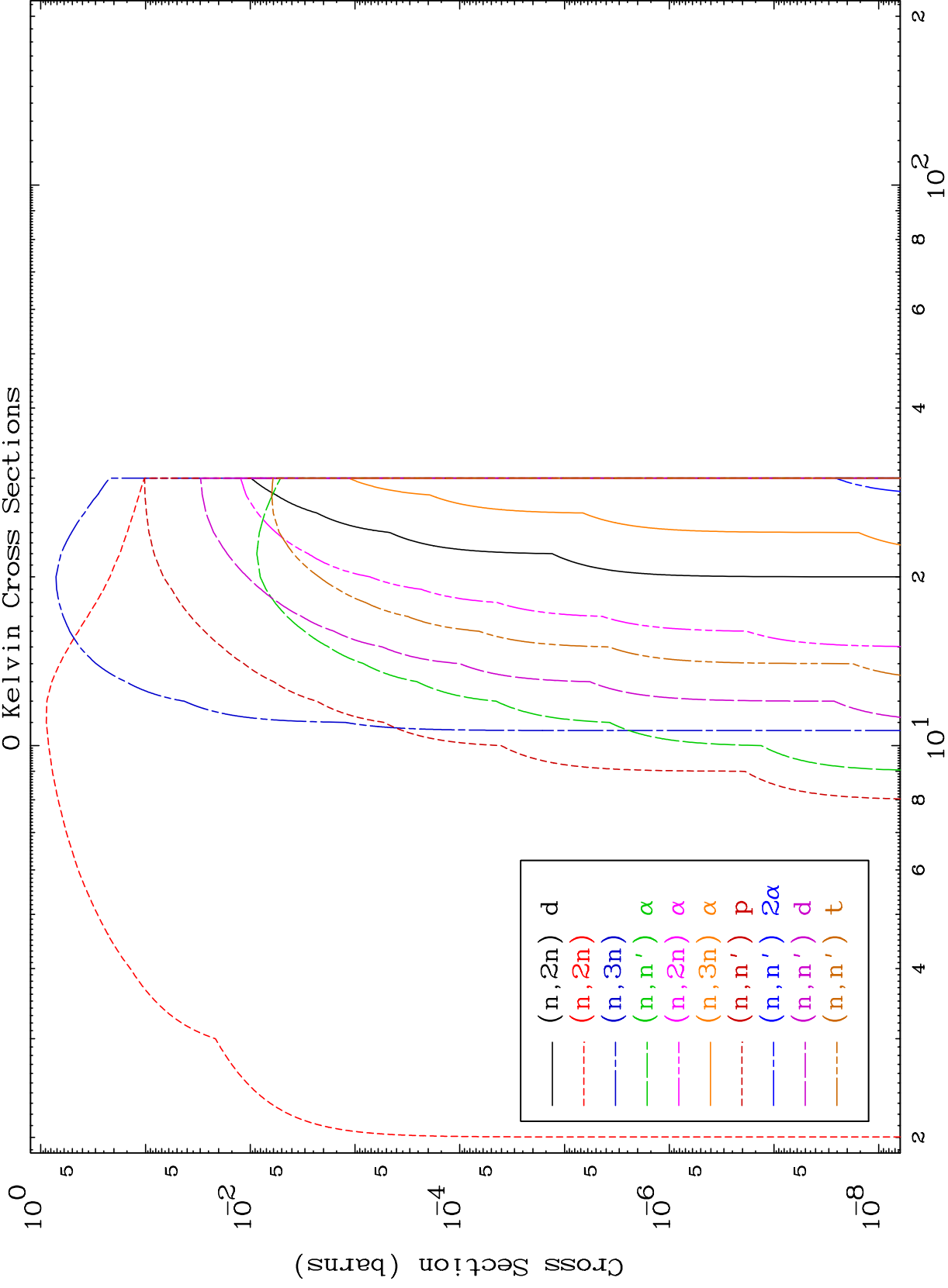
26-Fe-64



MAT 2655

Proton Neutron Absorption  
0 Kelvin Cross Sections

26-Fe-64



2

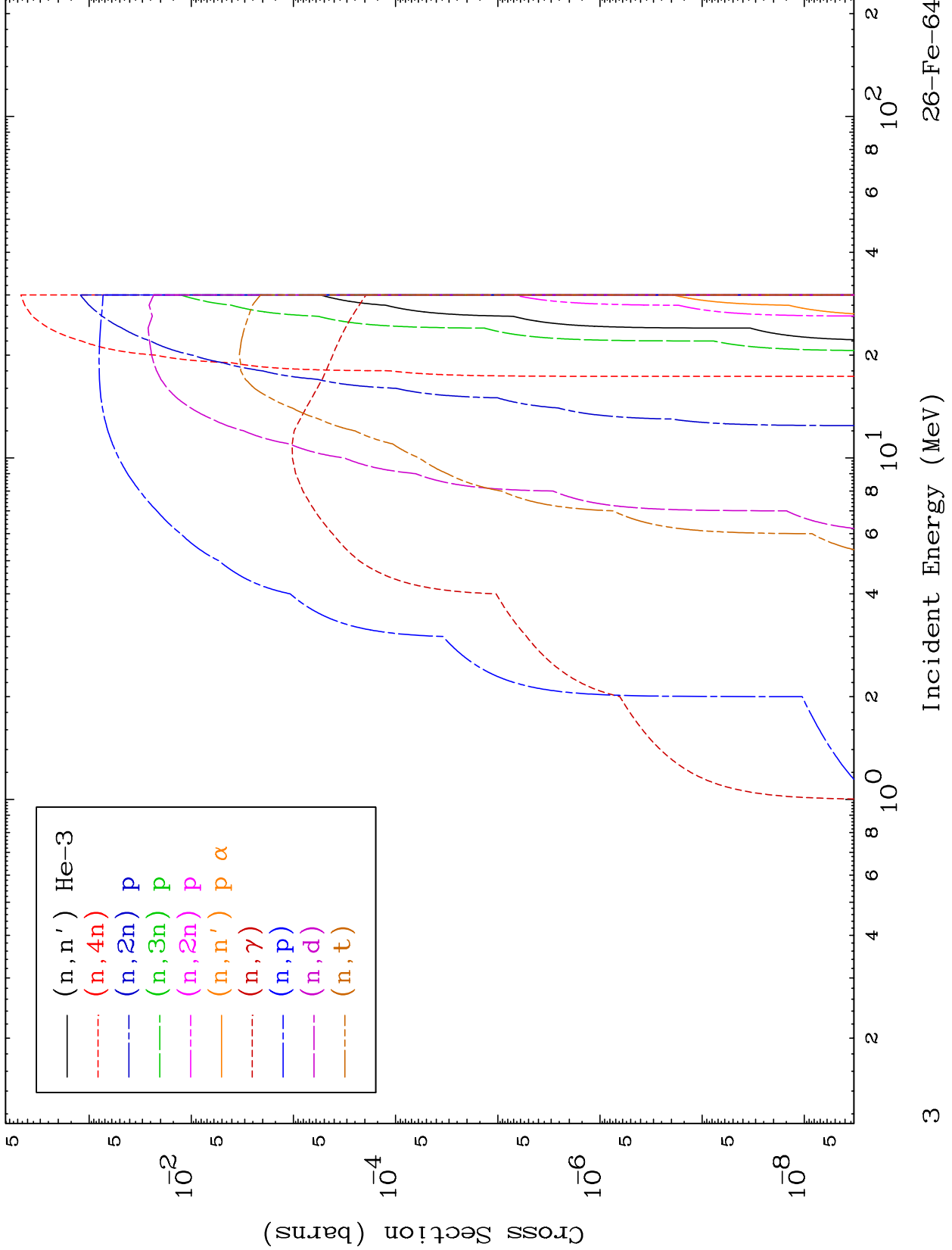
Incident Energy (MeV)

26-Fe-64

MAT 2655

Proton Neutron Absorption  
0 Kelvin Cross Sections

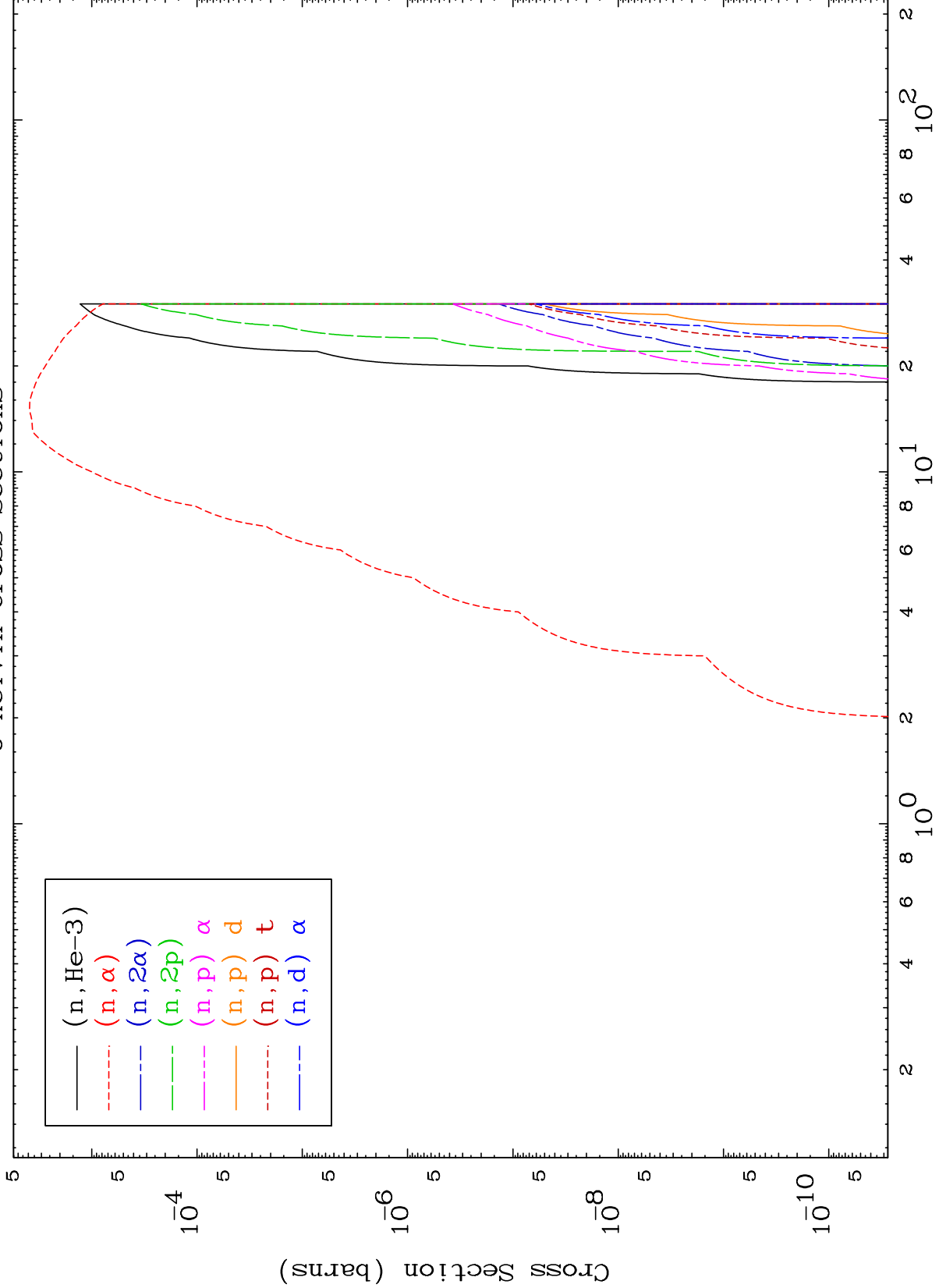
26-Fe-64



MAT 2655

Proton Neutron Absorption  
0 Kelvin Cross Sections

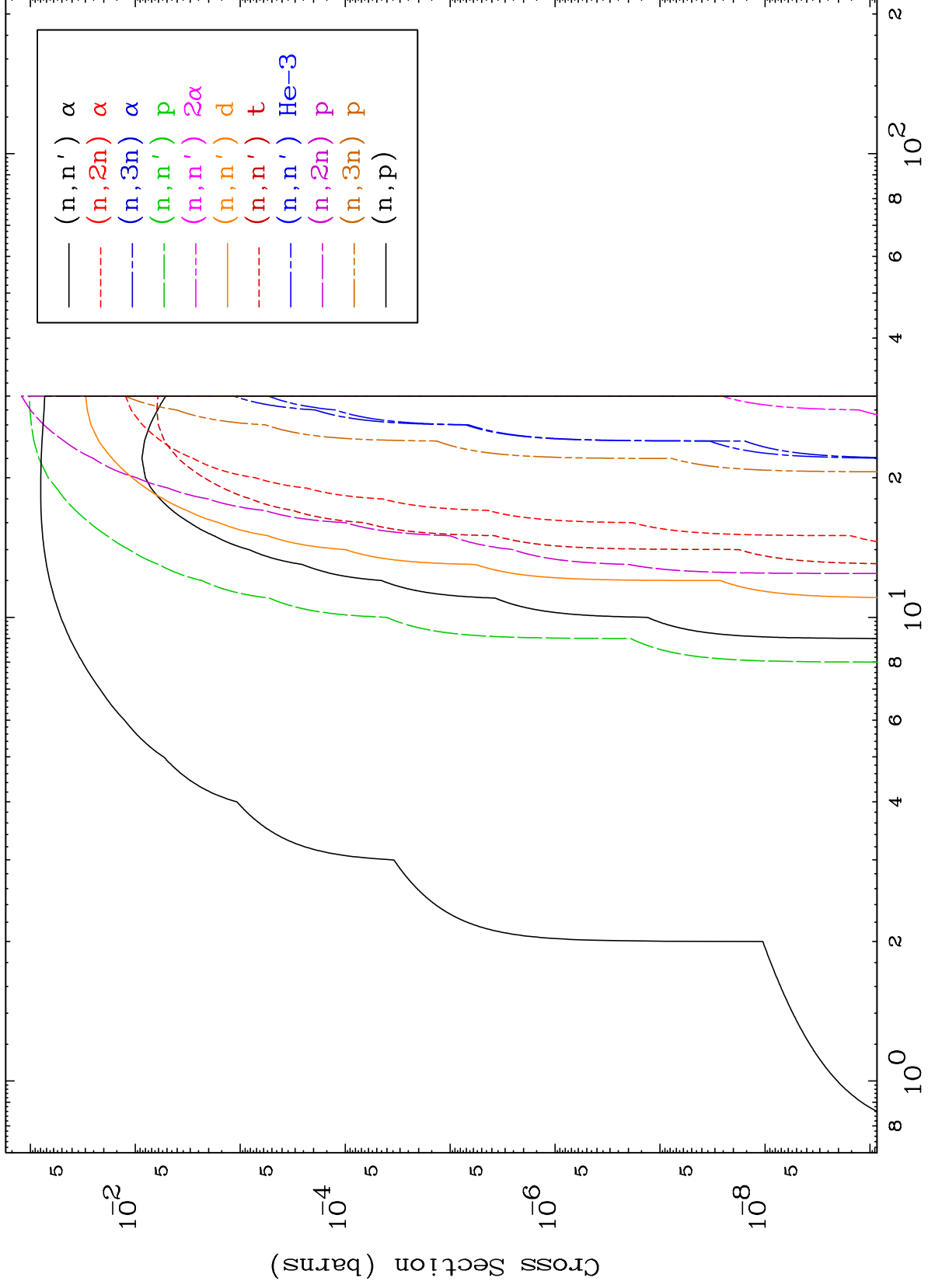
26-Fe-64



MAT 2655

Proton Charged Particle  
0 Kelvin Cross Sections

26-Fe-64



5

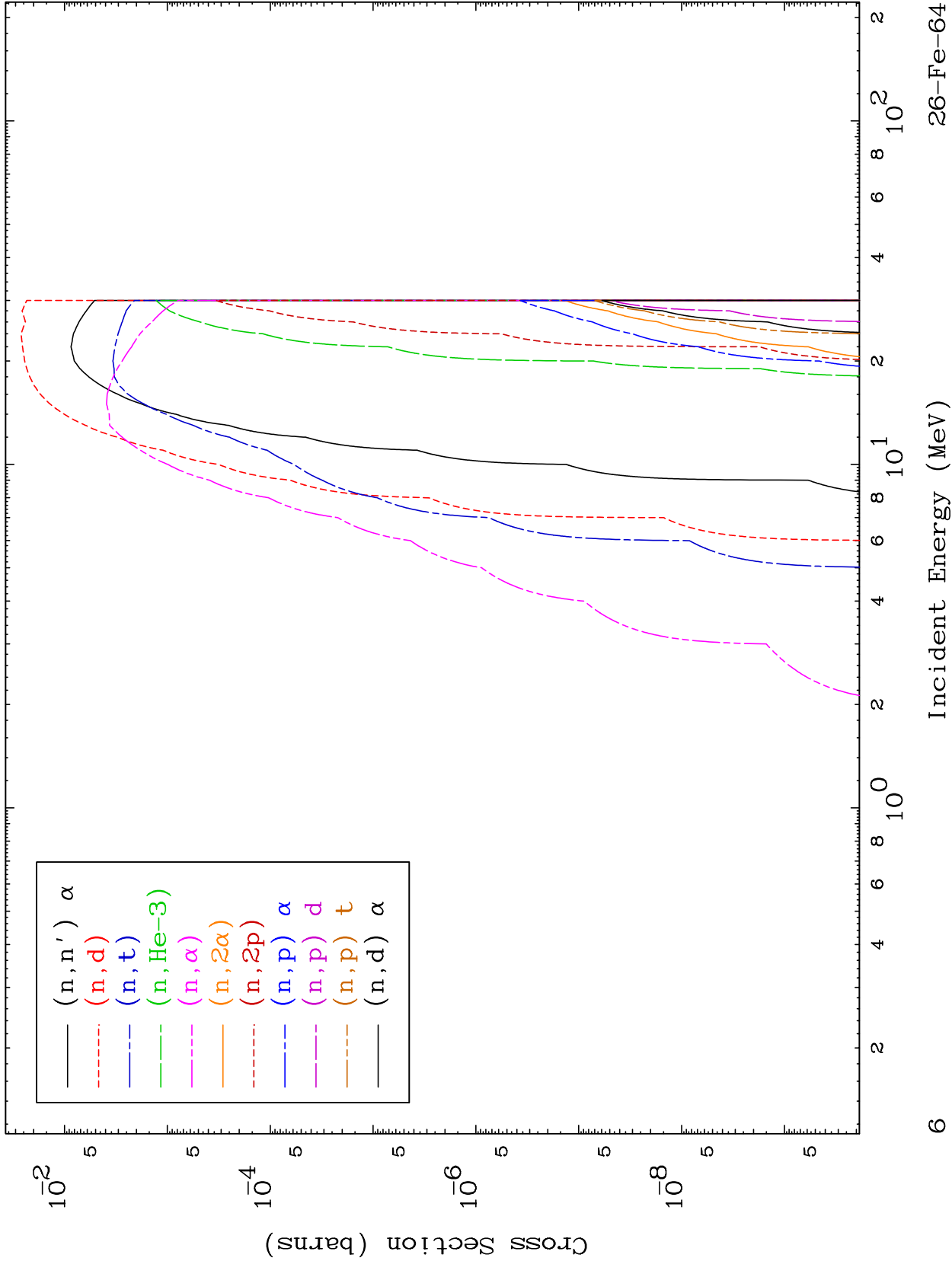
Incident Energy (MeV)

26-Fe-64

MAT 2655

Proton Charged Particle  
0 Kelvin Cross Sections

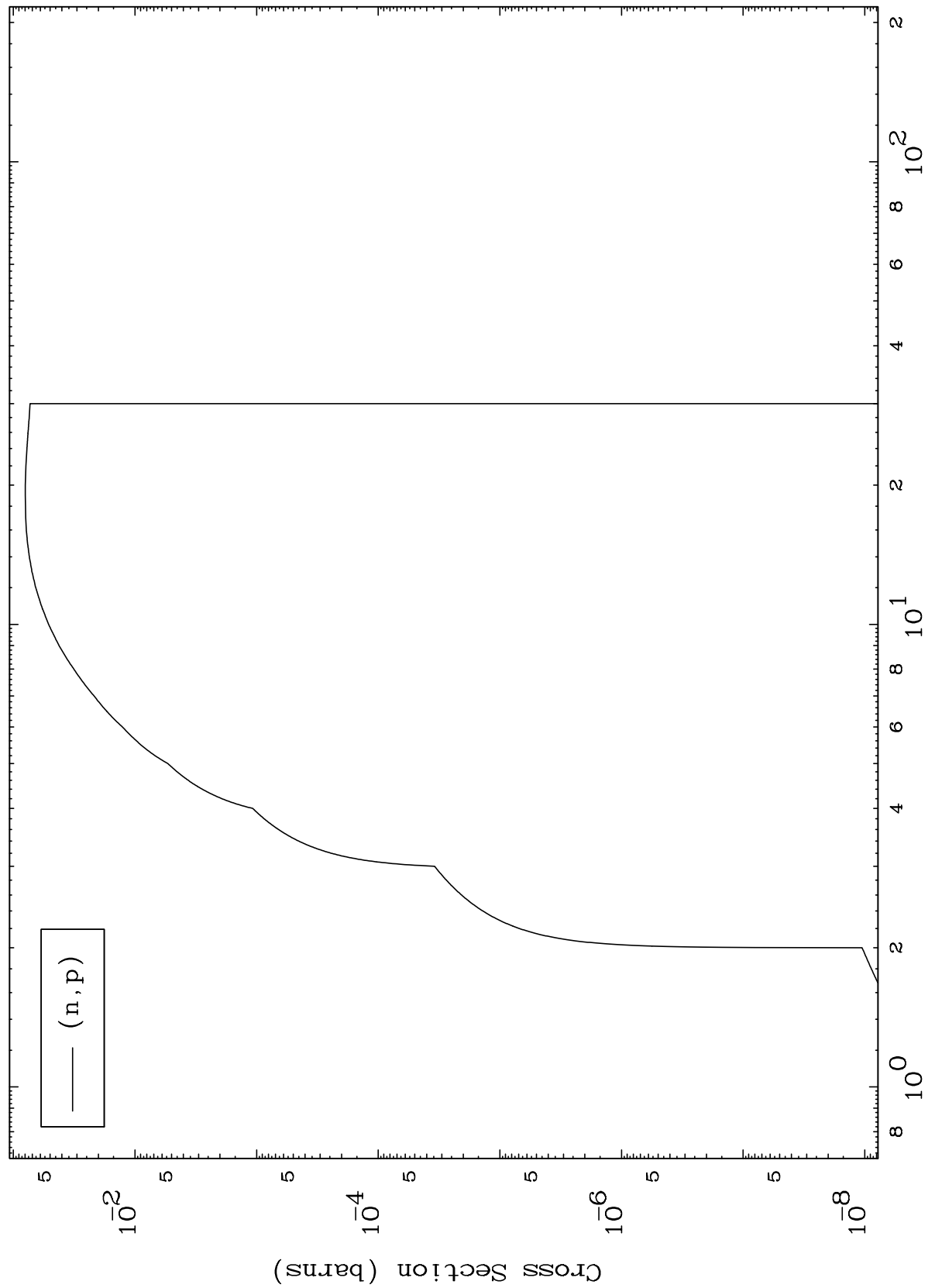
26-Fe-64



MAT 2655

26-Fe-64

(p,p) Levels  
0 Kelvin Cross Sections



(n,p)

26-Fe-64

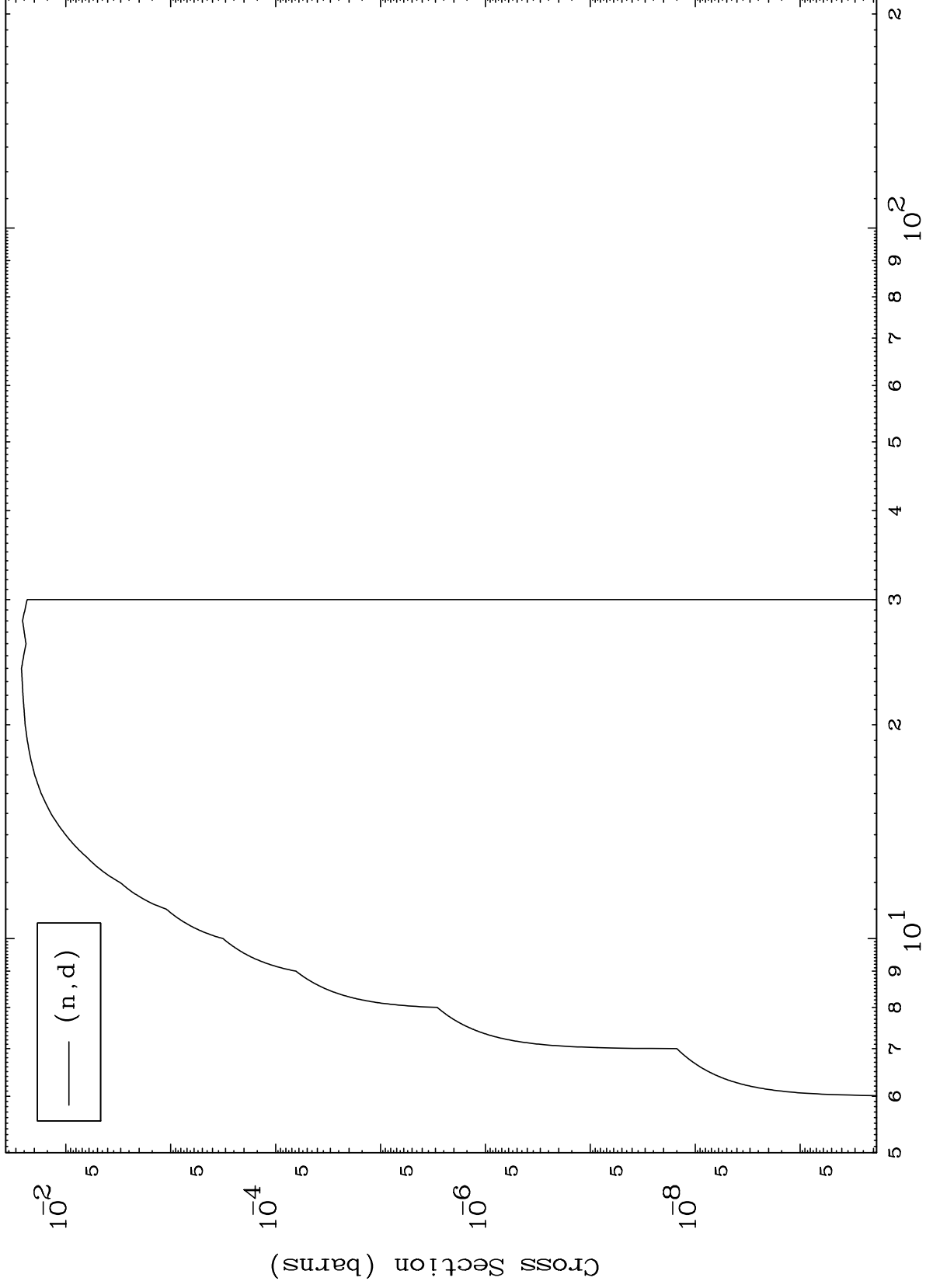
Incident Energy (MeV)

7

MAT 2655

(p,d) Levels  
0 Kelvin Cross Sections

<sup>26</sup>Fe-64



8

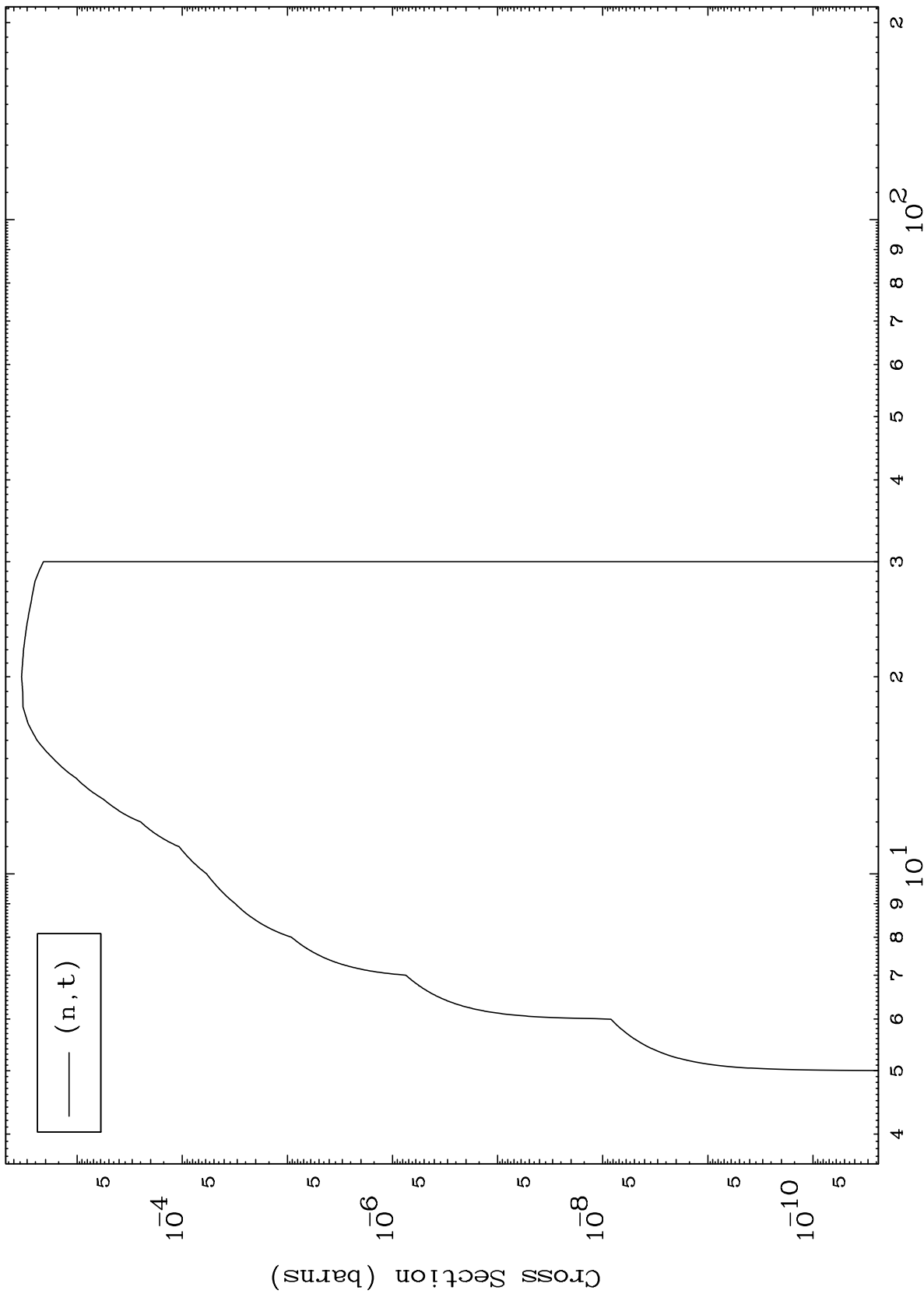
Incident Energy (MeV)

<sup>26</sup>Fe-64

MAT 2655

26-Fe-64

(p, t) Levels  
0 Kelvin Cross Sections



9

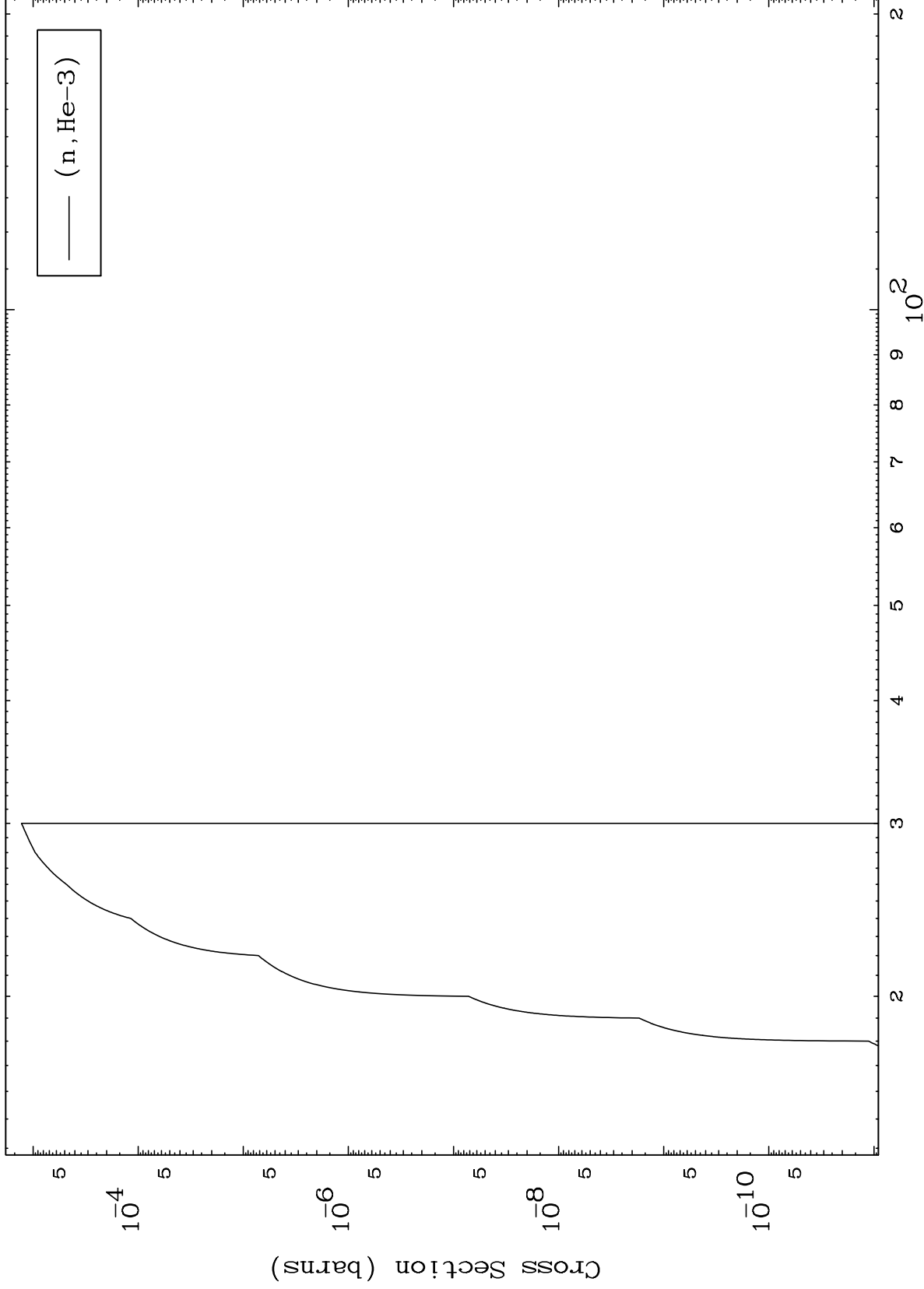
Incident Energy (MeV)

26-Fe-64

MAT 2655

(p,He3) Levels  
0 Kelvin Cross Sections

26-Fe-64



(n, He-3)

10

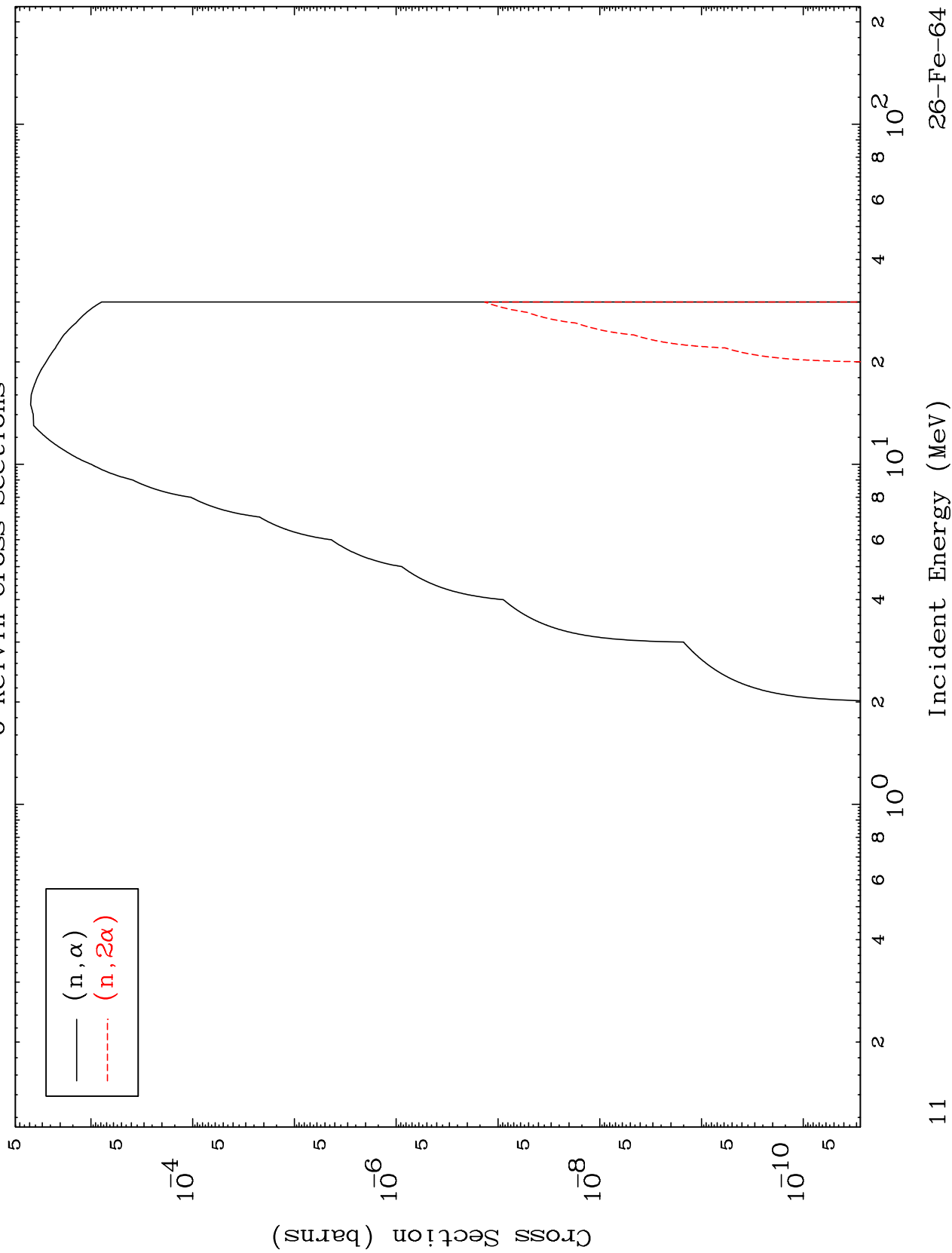
Incident Energy (MeV)

26-Fe-64

MAT 2655

26-Fe-64

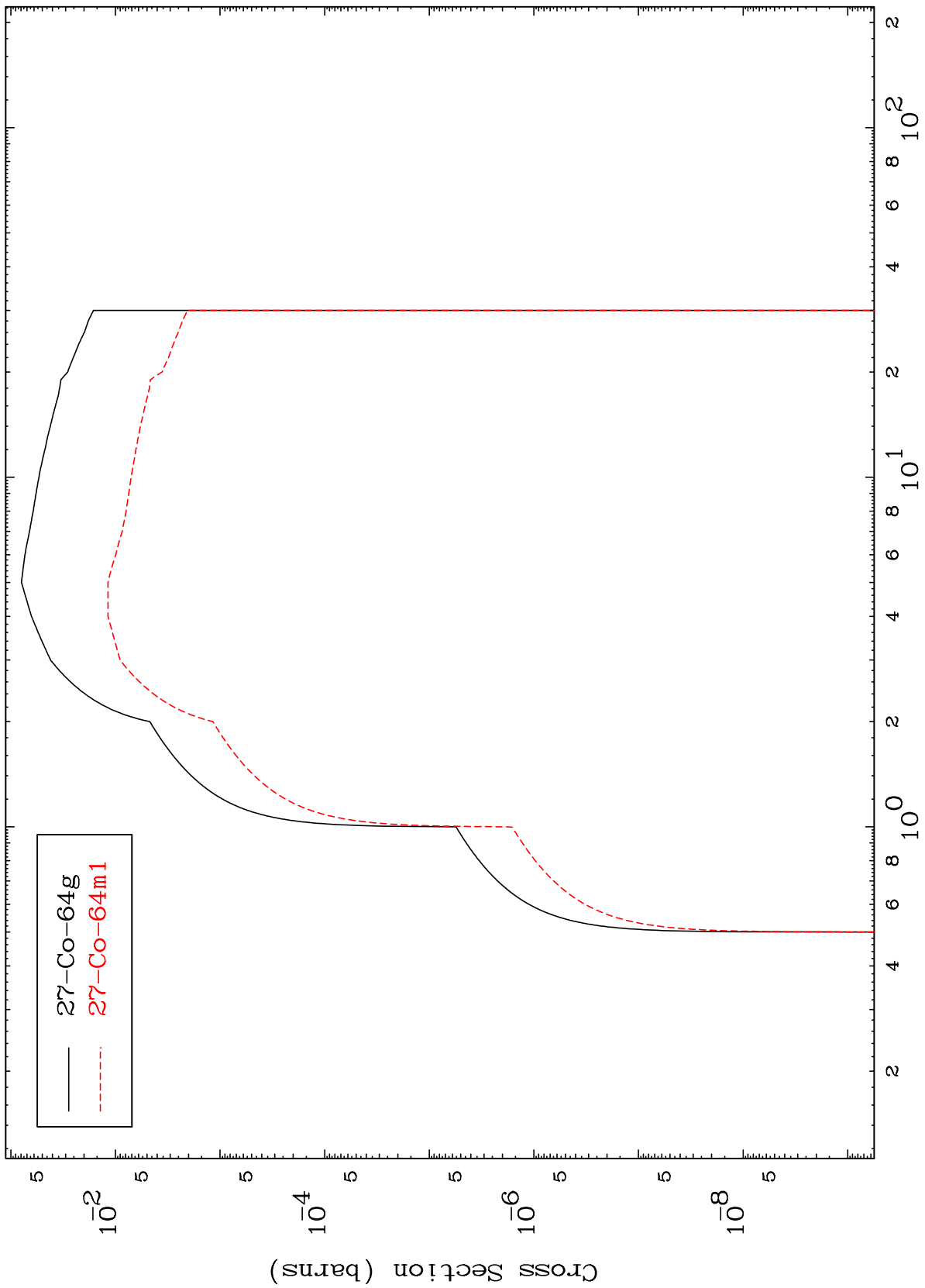
(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 2655

<sup>26</sup>Fe-64

Radionuclide Production Cross Section



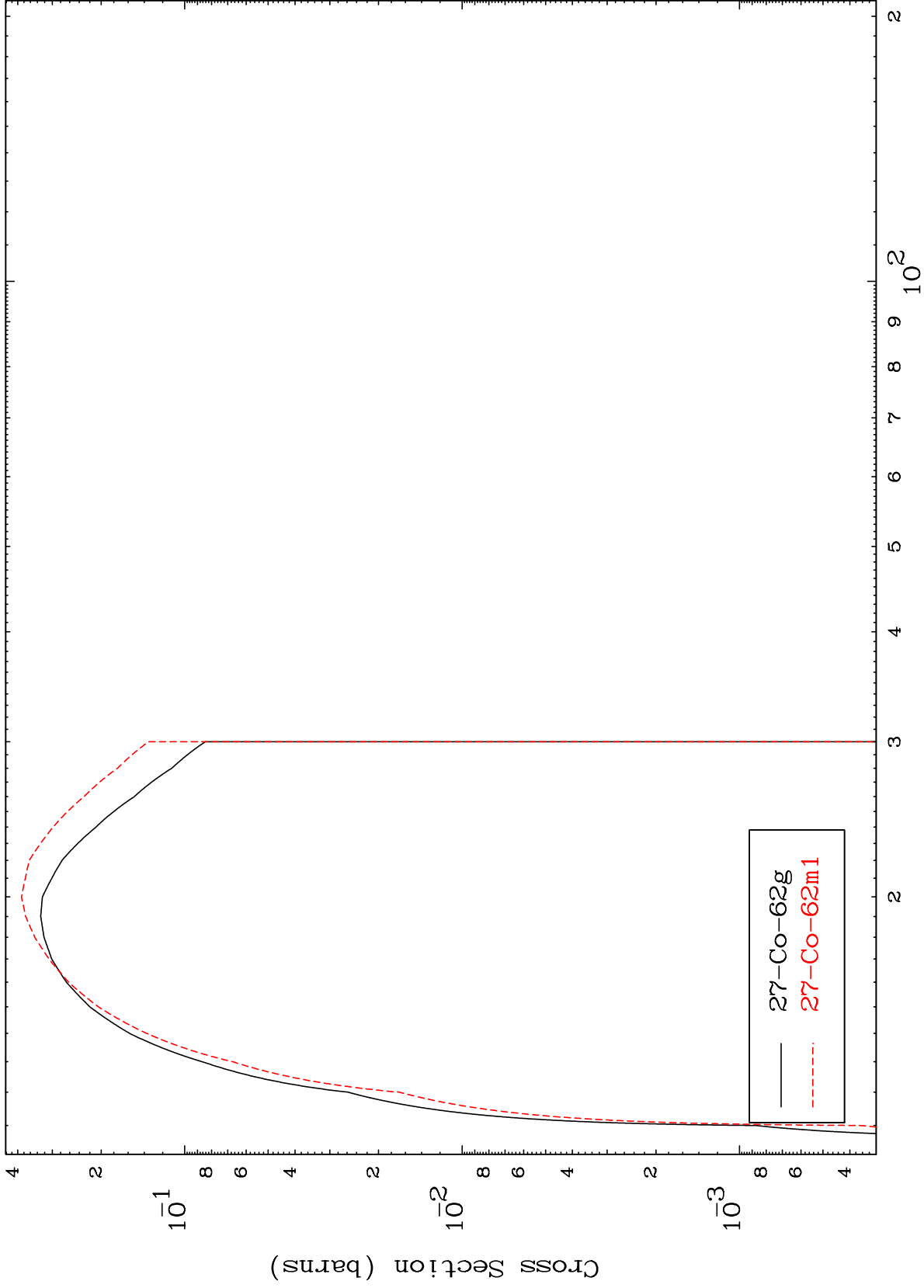
— <sup>27</sup>Co-64g  
- - - <sup>27</sup>Co-64m1

MAT 2655

(n,3n)

<sup>26</sup>Fe-64

Radionuclide Production Cross Section



13

Incident Energy (MeV)

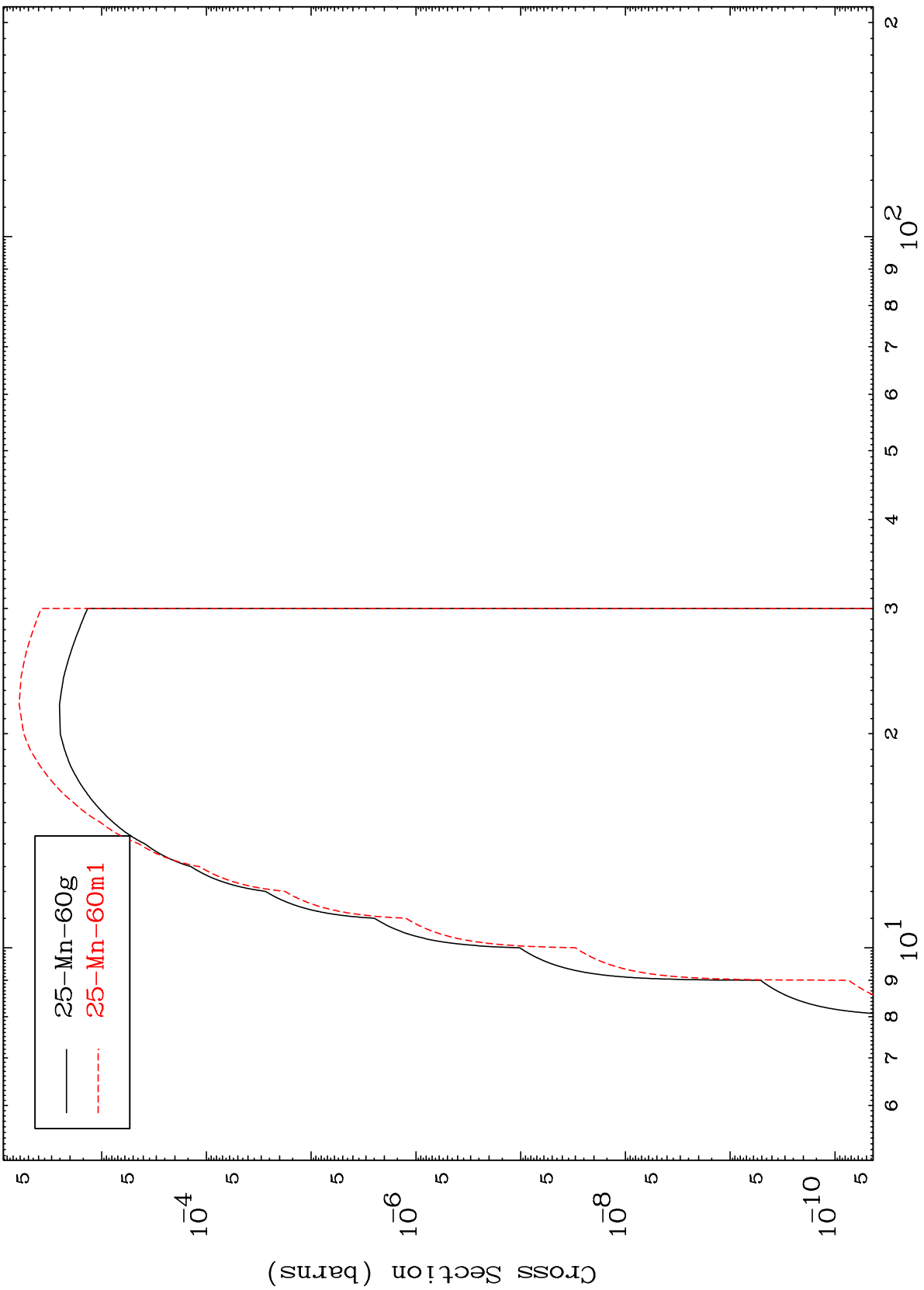
<sup>26</sup>Fe-64

MAT 2655

$(n, n') \alpha$

$^{26}\text{Fe-64}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

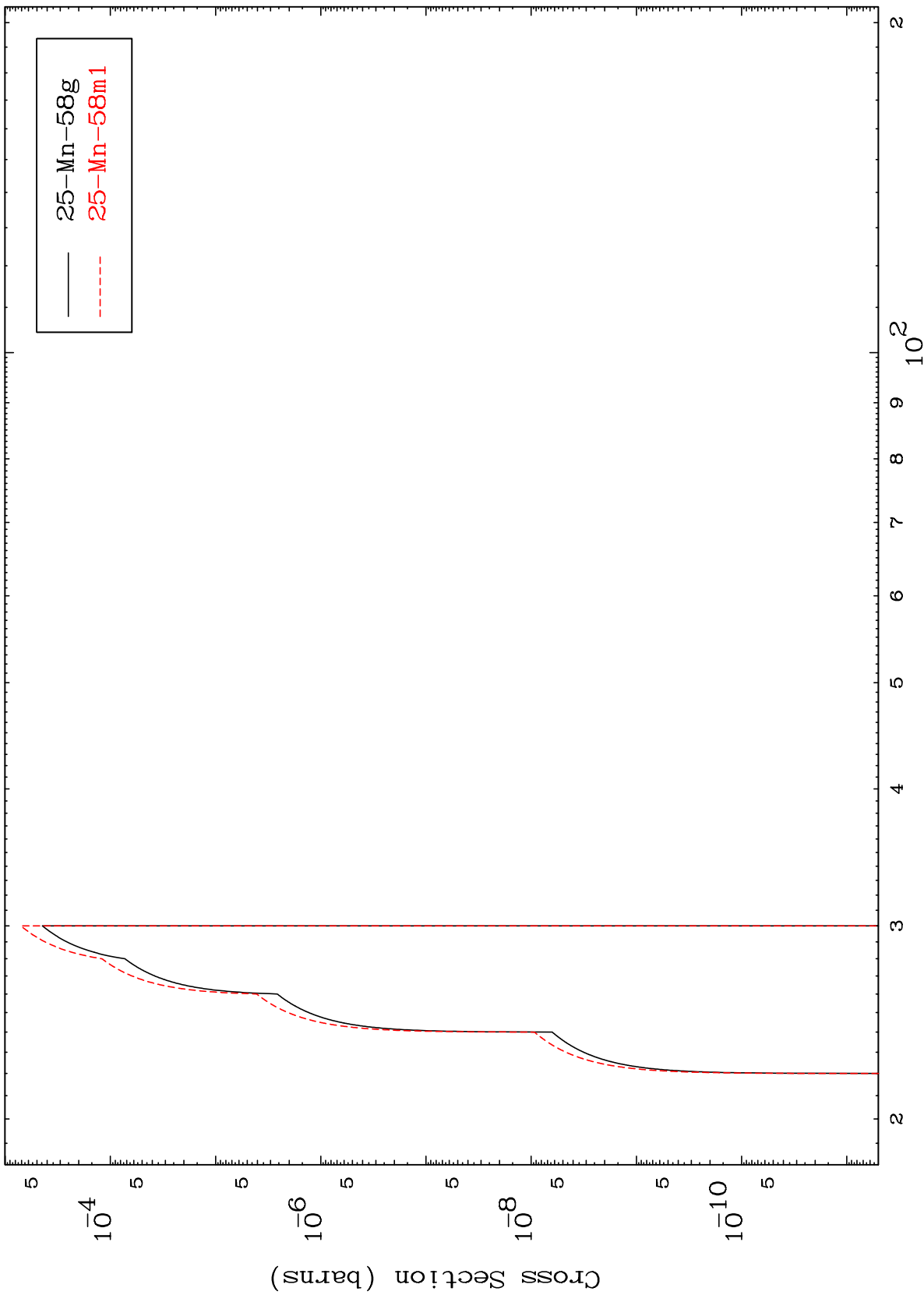
$^{26}\text{Fe-64}$

MAT 2655

(n,3n)  $\alpha$

26-Fe-64

Radionuclide Production Cross Section



15

Incident Energy (MeV)

26-Fe-64