

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

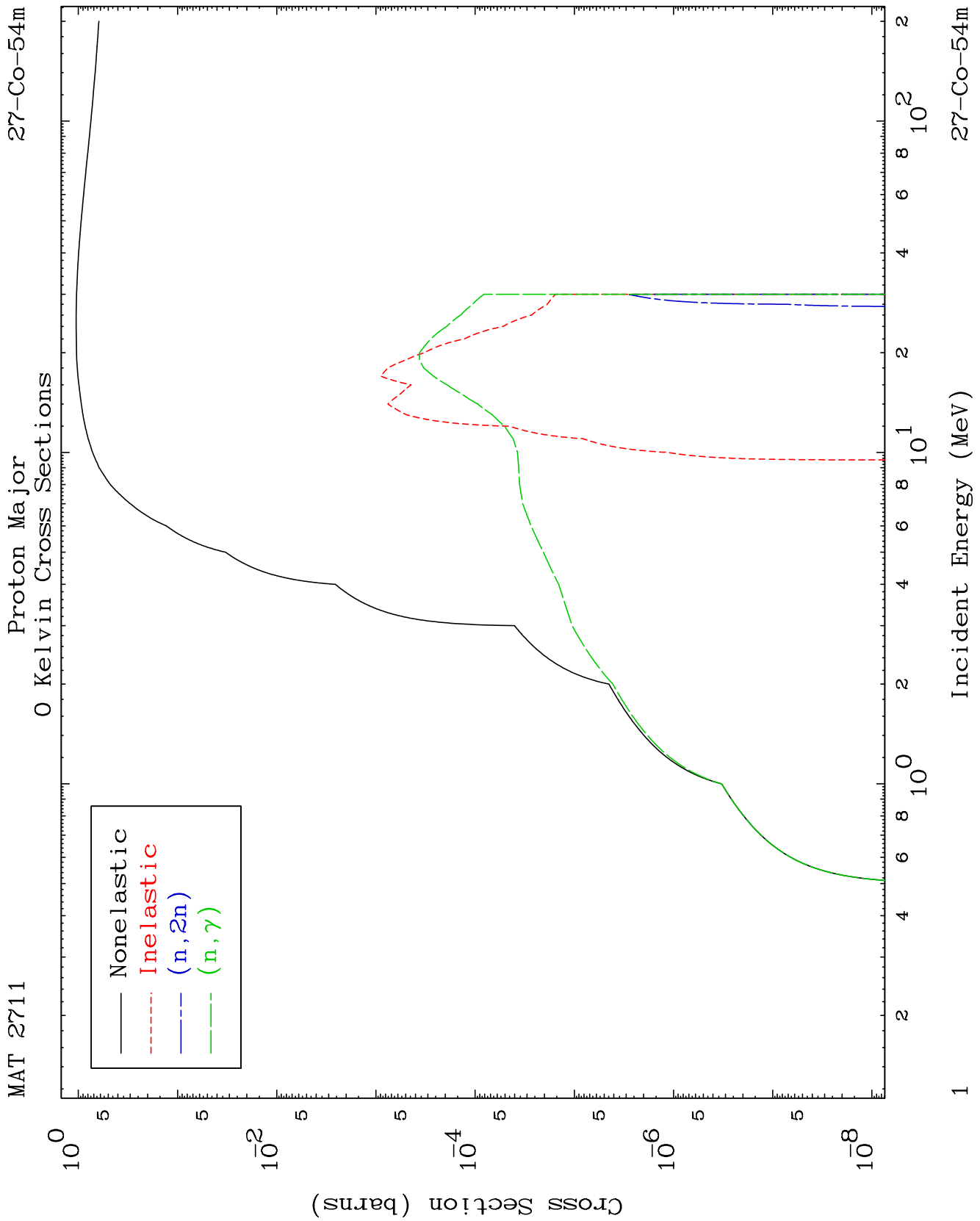
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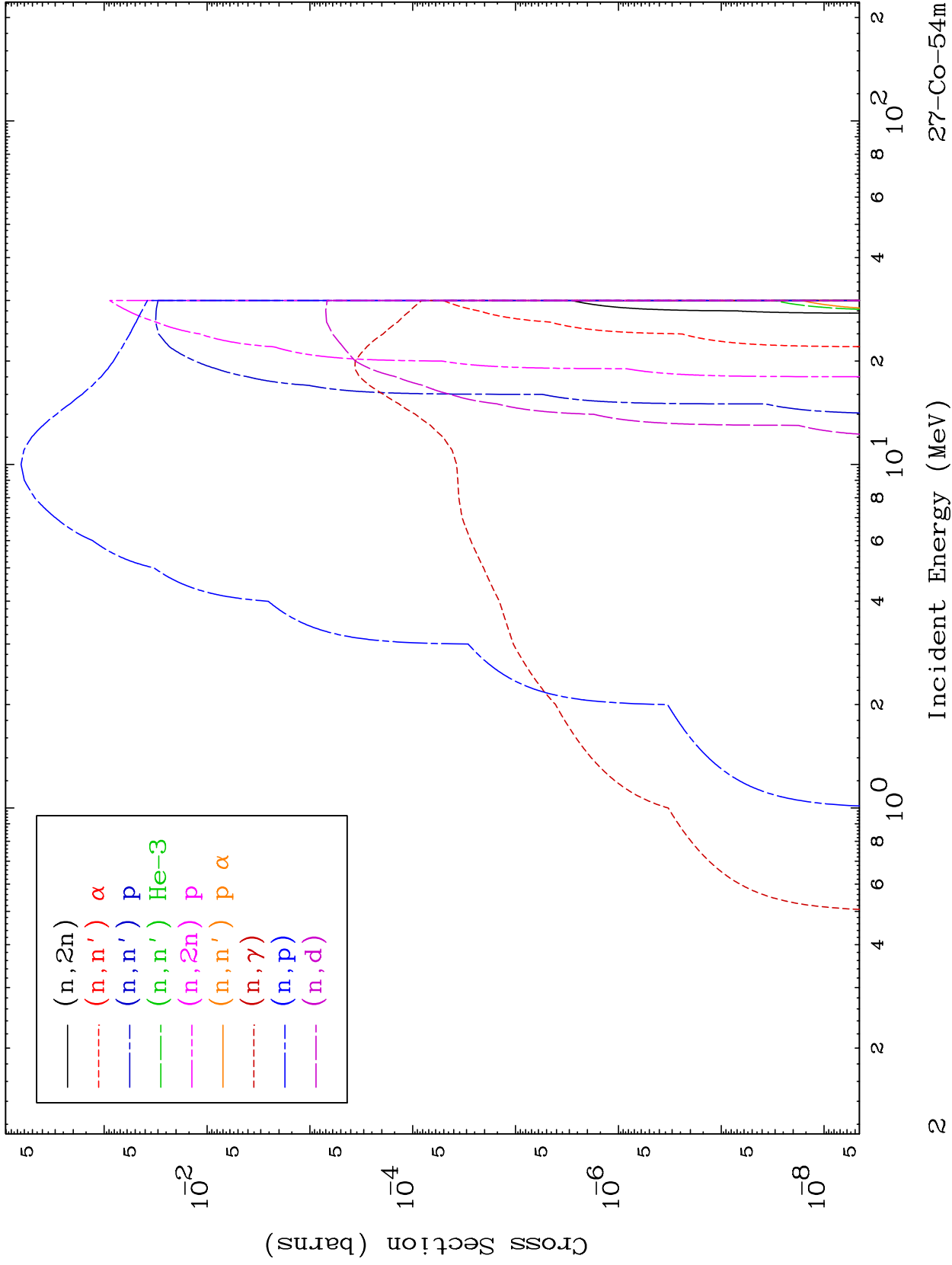
Press Mouse Button to Start



MAT 2711

Proton Neutron Absorption  
0 Kelvin Cross Sections

27-Co-54m

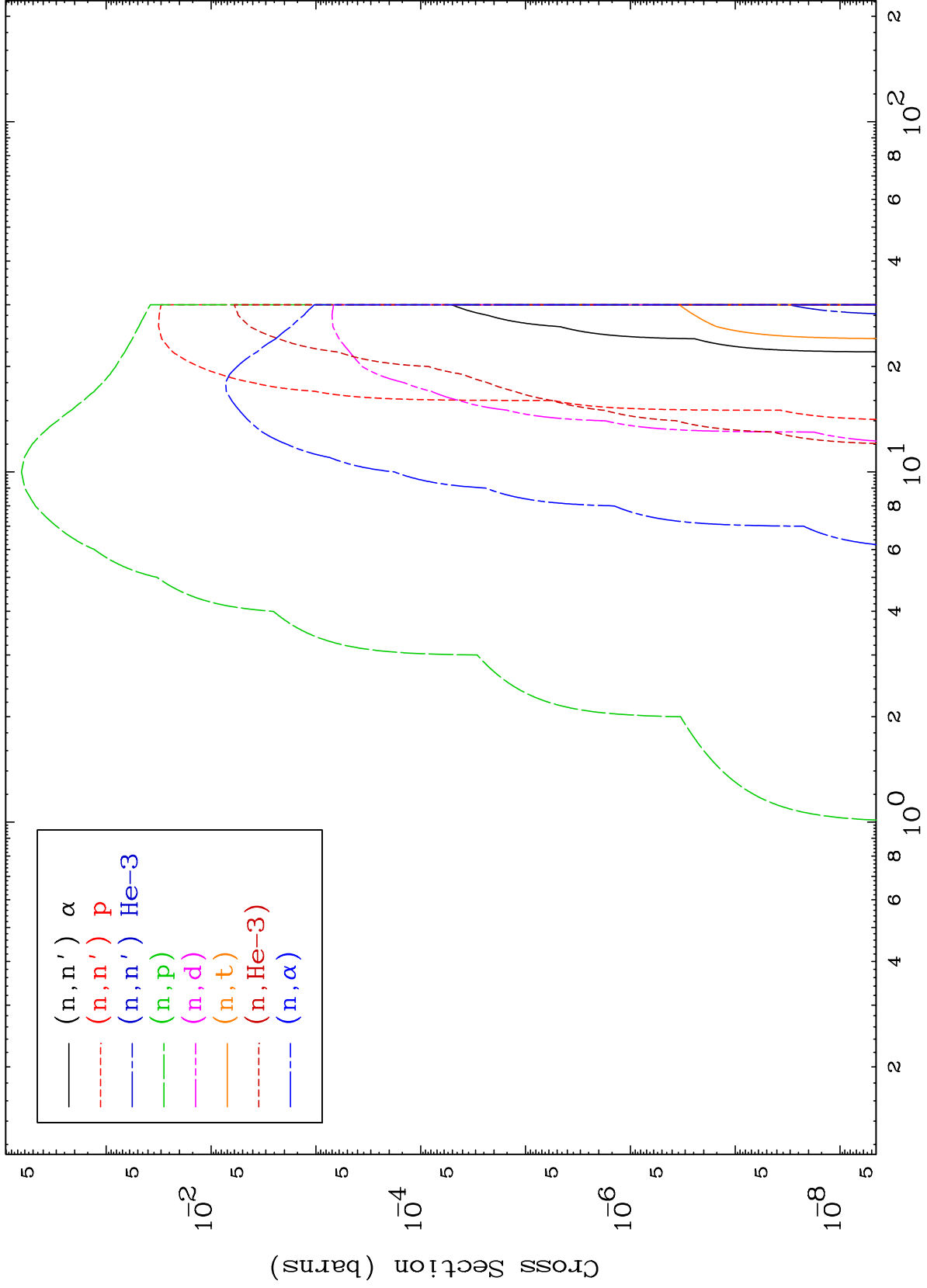




MAT 2711

Proton Charged Particle  
0 Kelvin Cross Sections

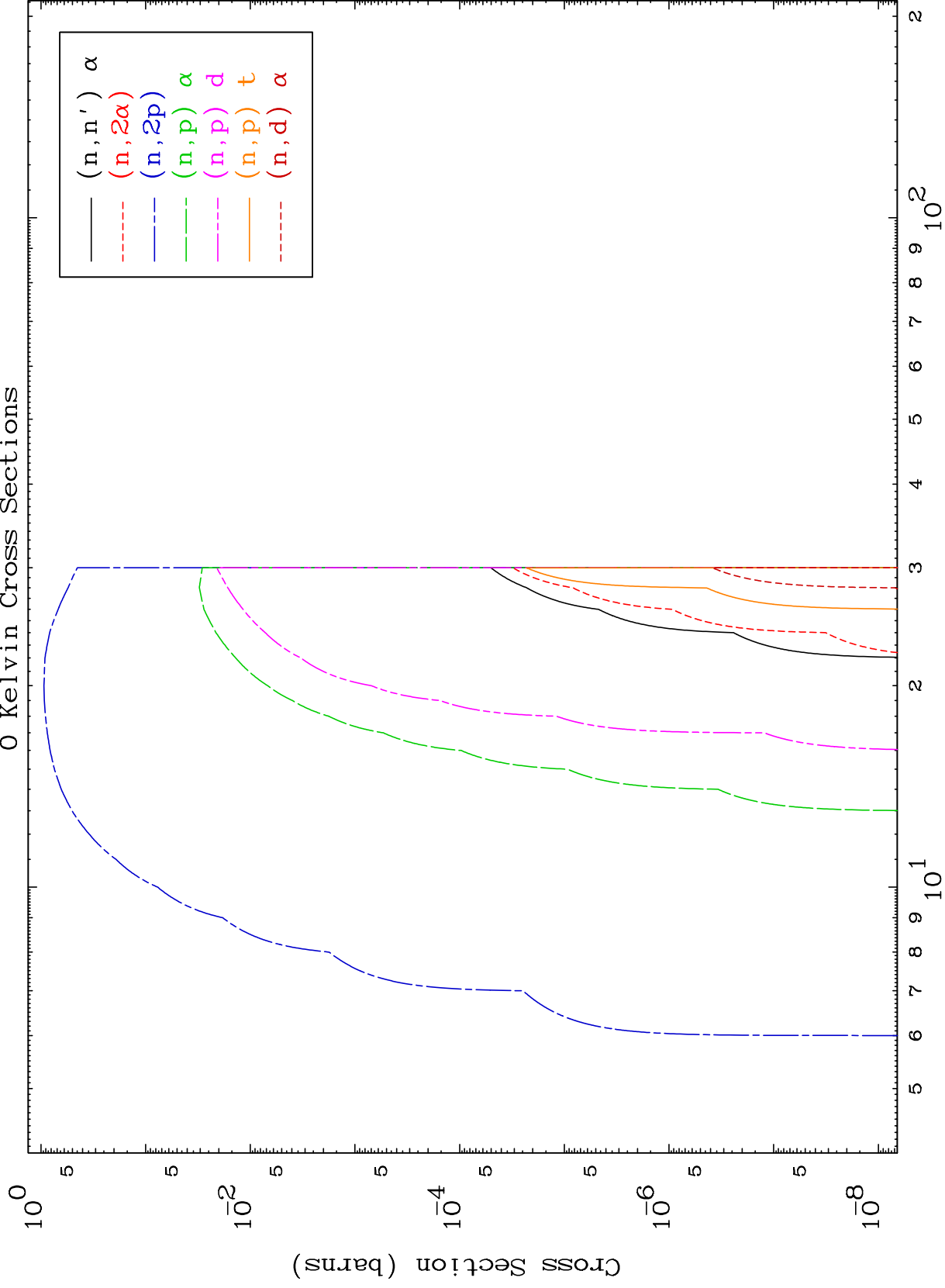
27-Co-54m



MAT 2711

Proton Charged Particle  
0 Kelvin Cross Sections

27-Co-54m



5

Incident Energy (MeV)

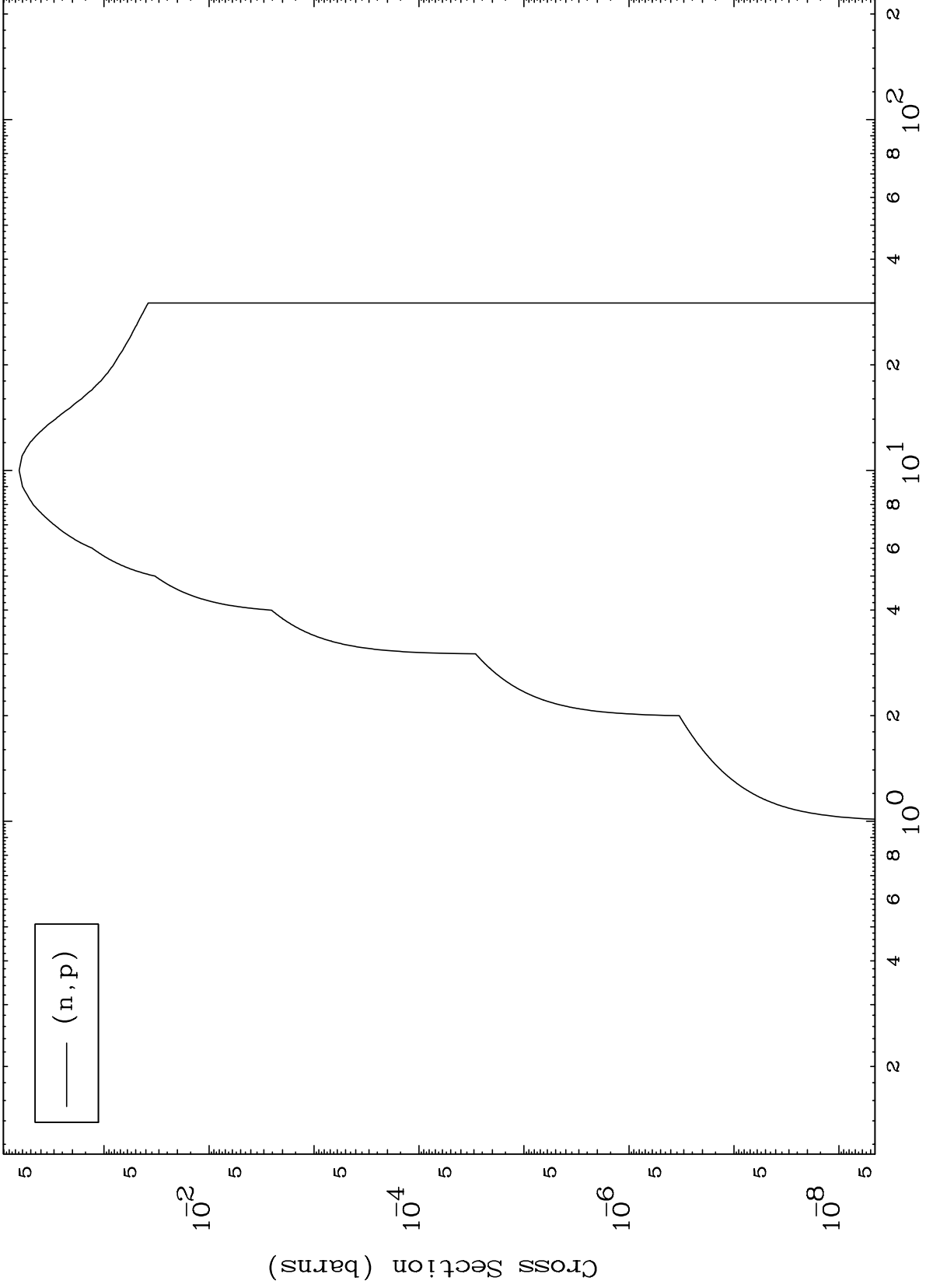
27-Co-54m

MAT 2711

(p,p) Levels

27-Co-54m

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

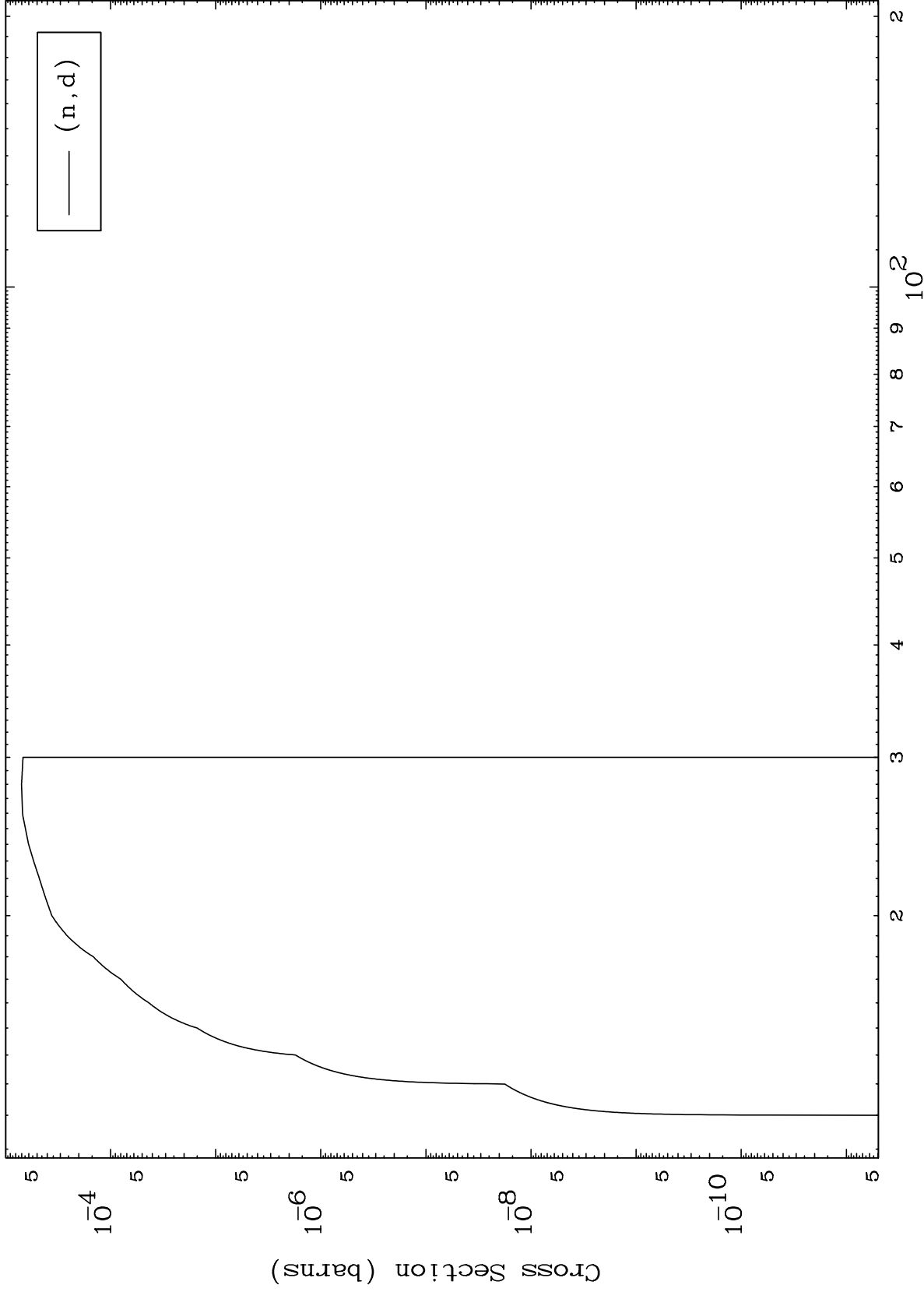
27-Co-54m

6

MAT 2711

(p,d) Levels  
0 Kelvin Cross Sections

27-Co-54m



7

Incident Energy (MeV)

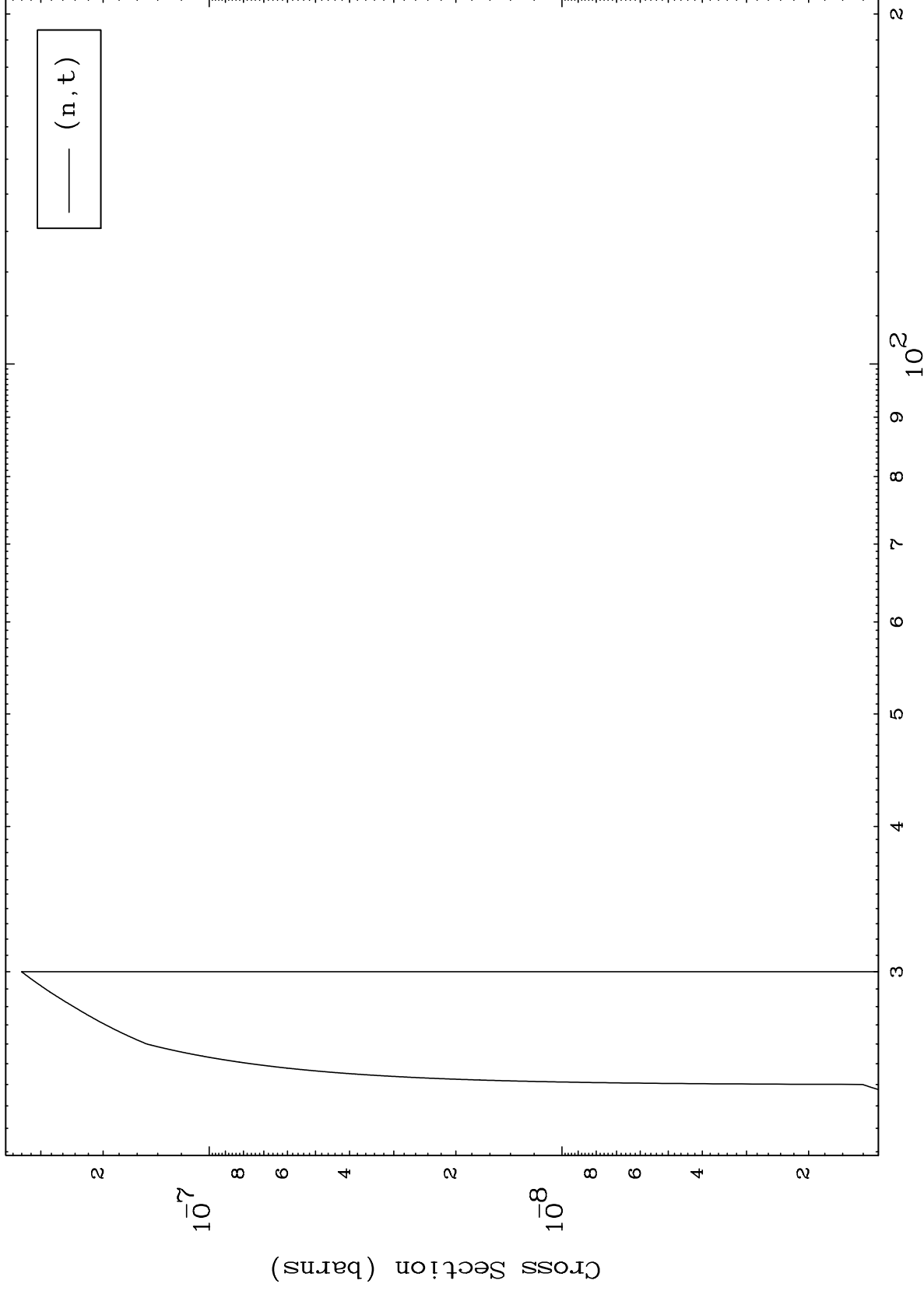
27-Co-54m



MAT 2711

(p, t) Levels  
0 Kelvin Cross Sections

27-Co-54m



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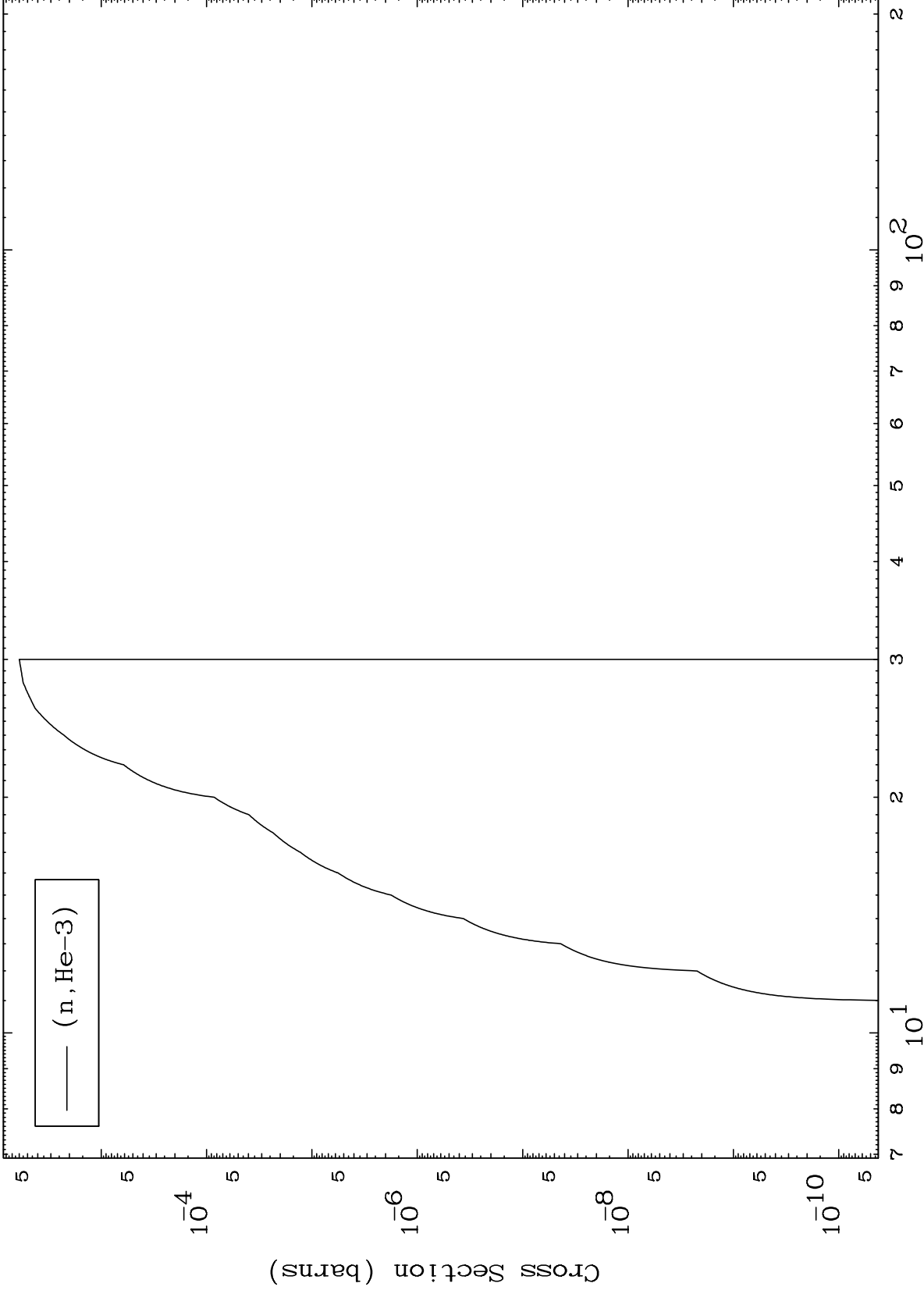
Incident Energy (MeV)

27-Co-54m

MAT 2711

(p,He3) Levels  
0 Kelvin Cross Sections

27-Co-54m



9

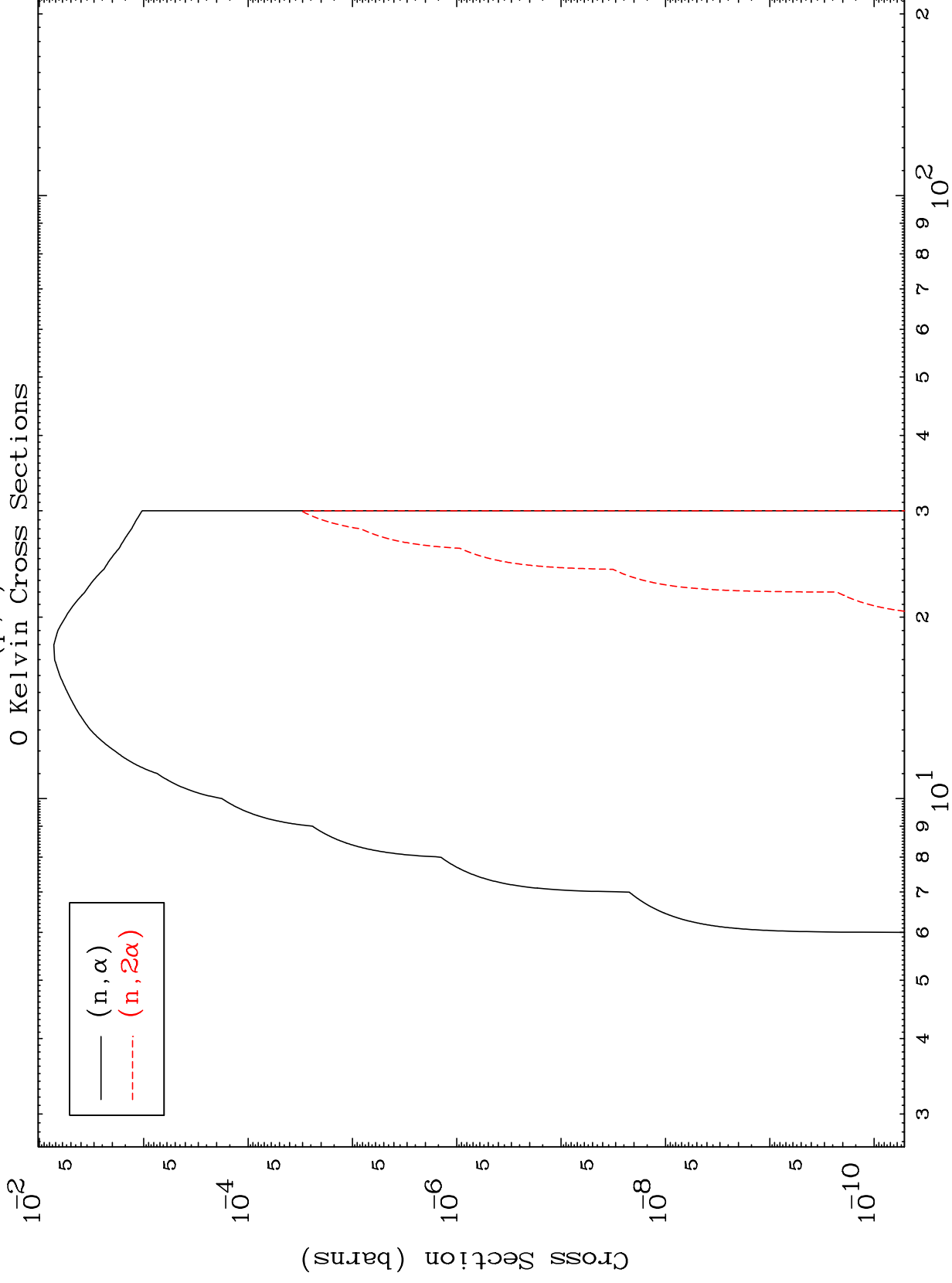
Incident Energy (MeV)

27-Co-54m

MAT 2711

(p,  $\alpha$ ) Levels

27-Co-54m

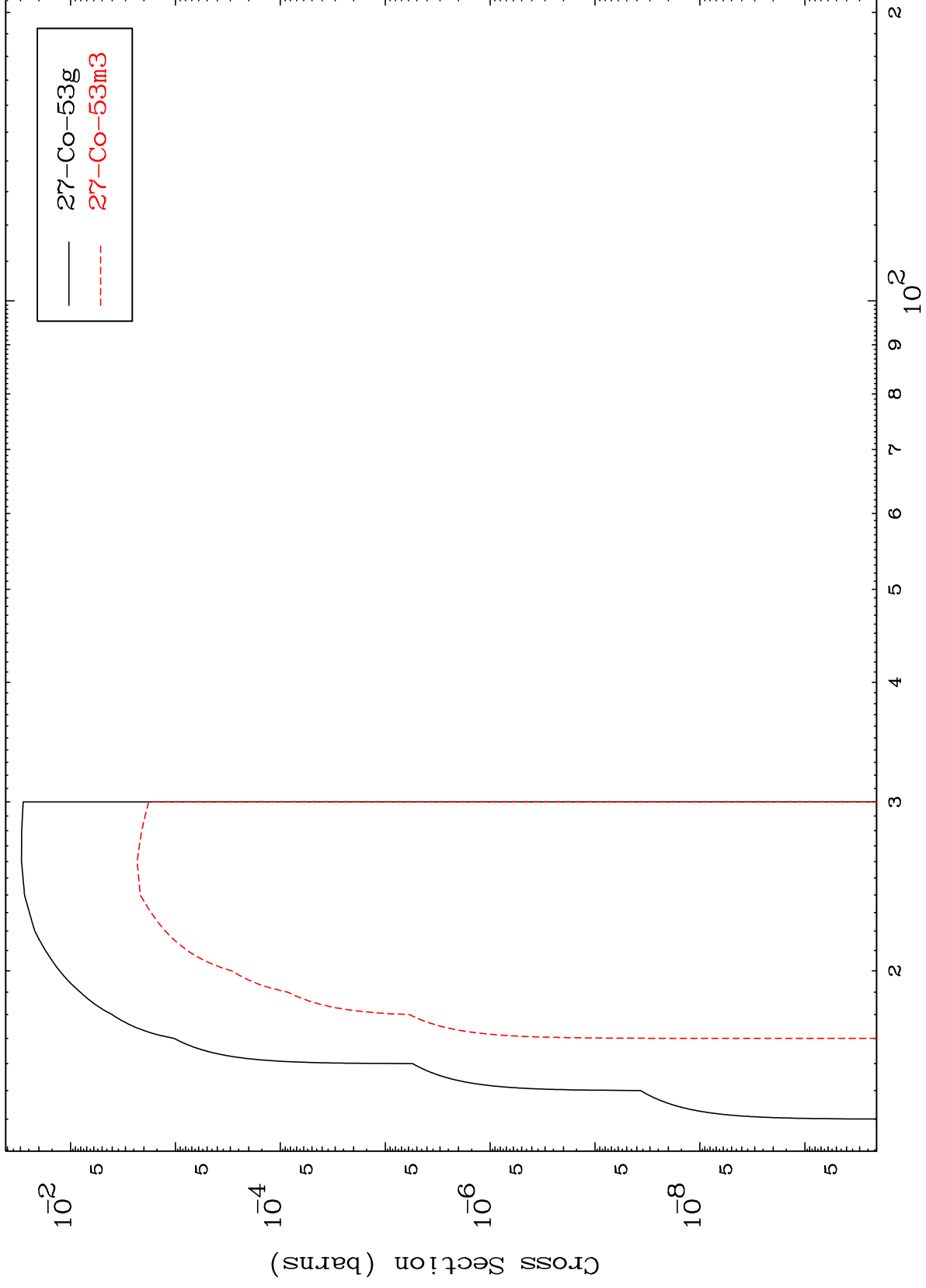


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Incident Energy (MeV)

27-Co-54m

Radionuclide Production Cross Section

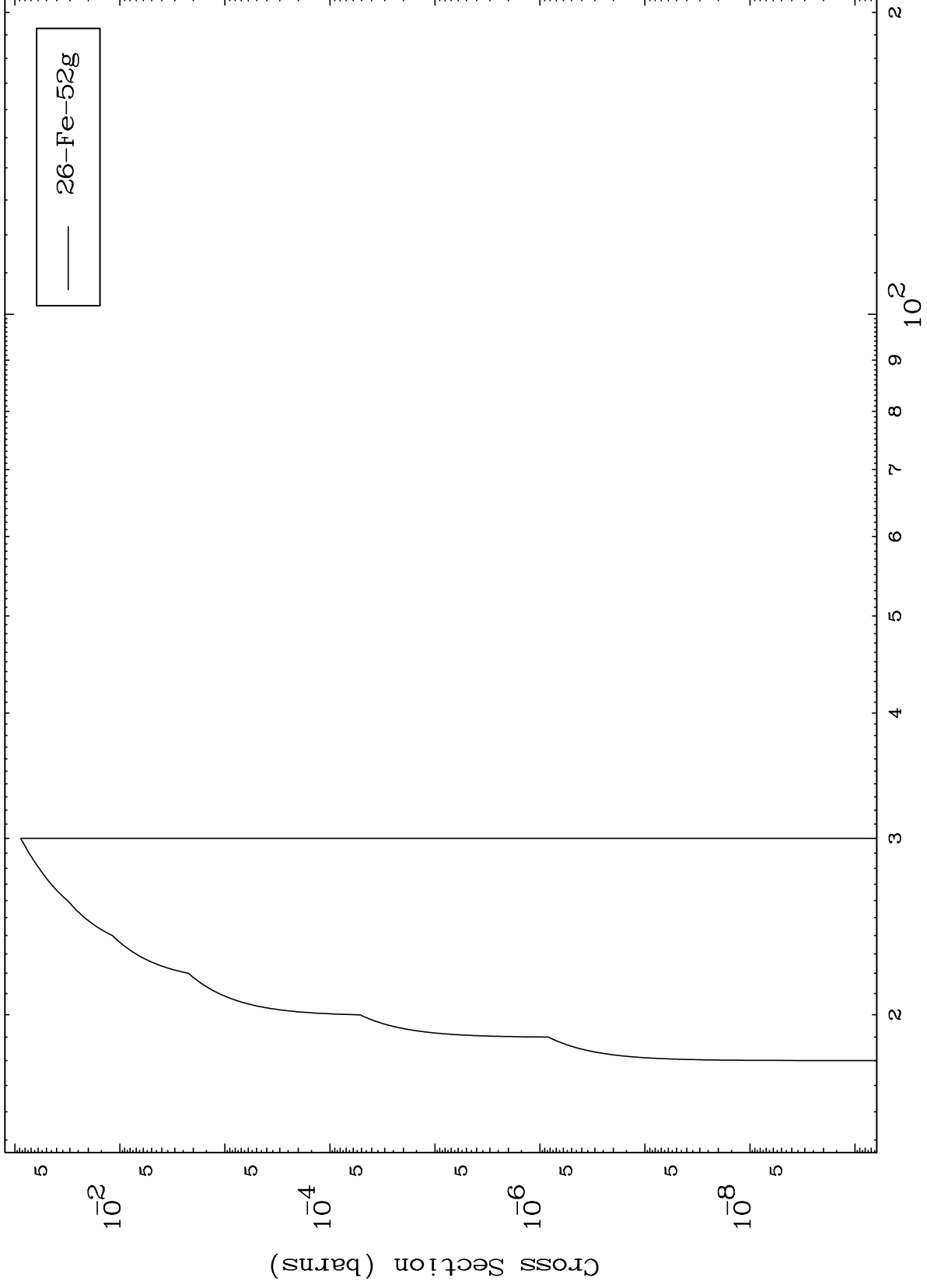


MAT 2711

(n,2n) p

27-Co-54m

Radionuclide Production Cross Section



12

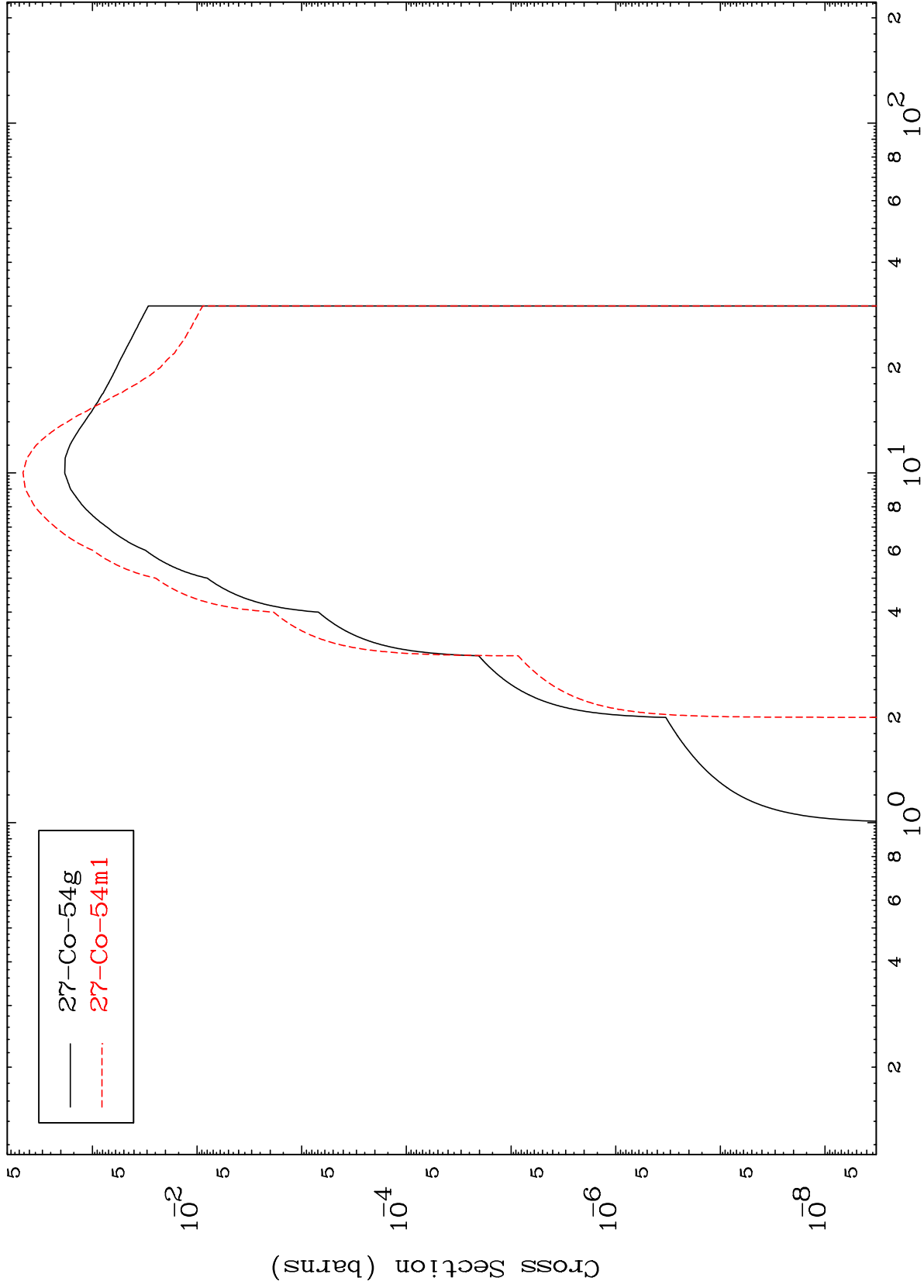
Incident Energy (MeV)

27-Co-54m

MAT 2711

<sup>27</sup>Co-54m

Radionuclide Production Cross Section



— 27-Co-54g  
- - - 27-Co-54m1

<sup>27</sup>Co-54m

Incident Energy (MeV)

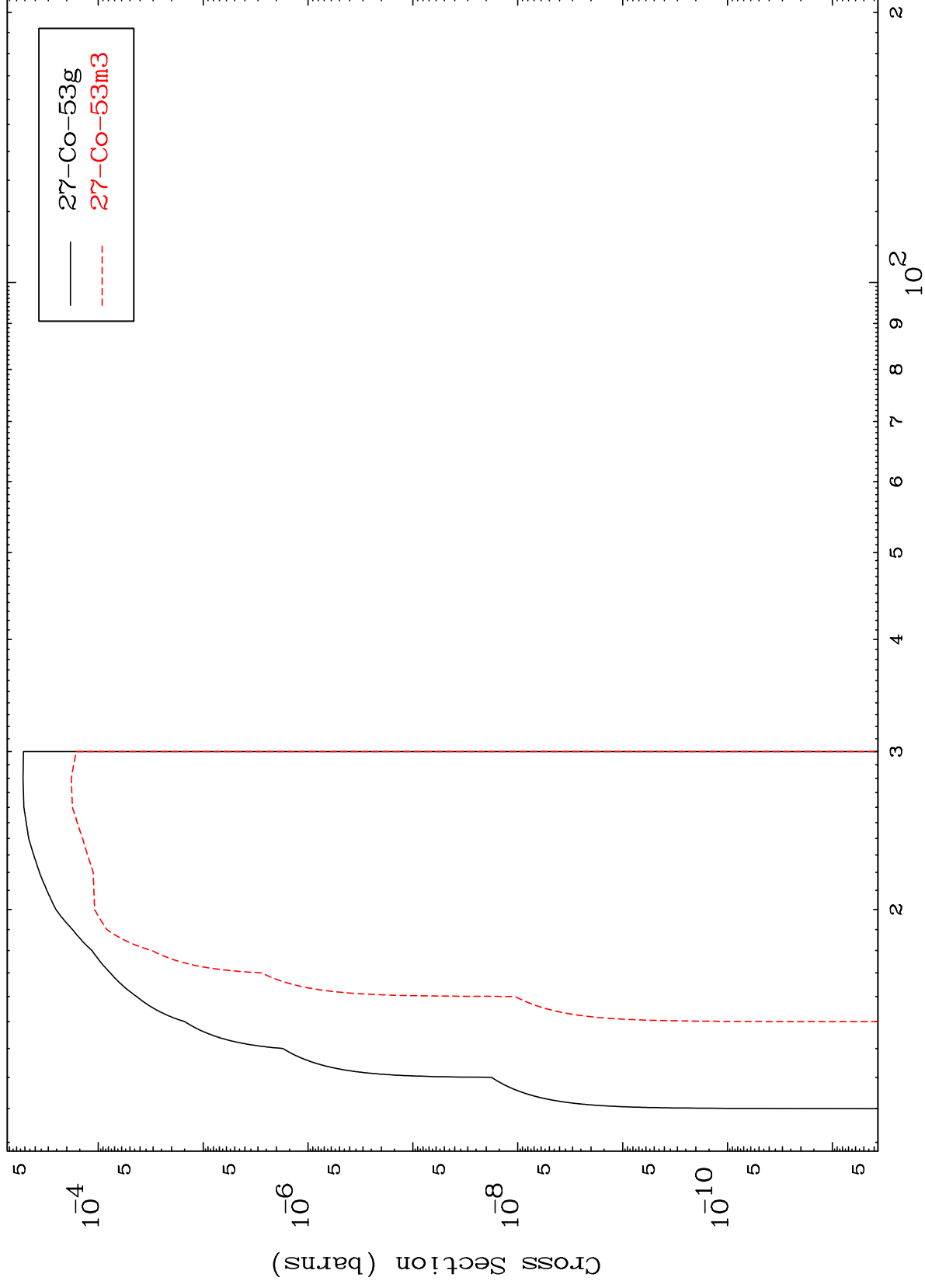
13

MAT 2711

(n,d)

27-Co-54m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

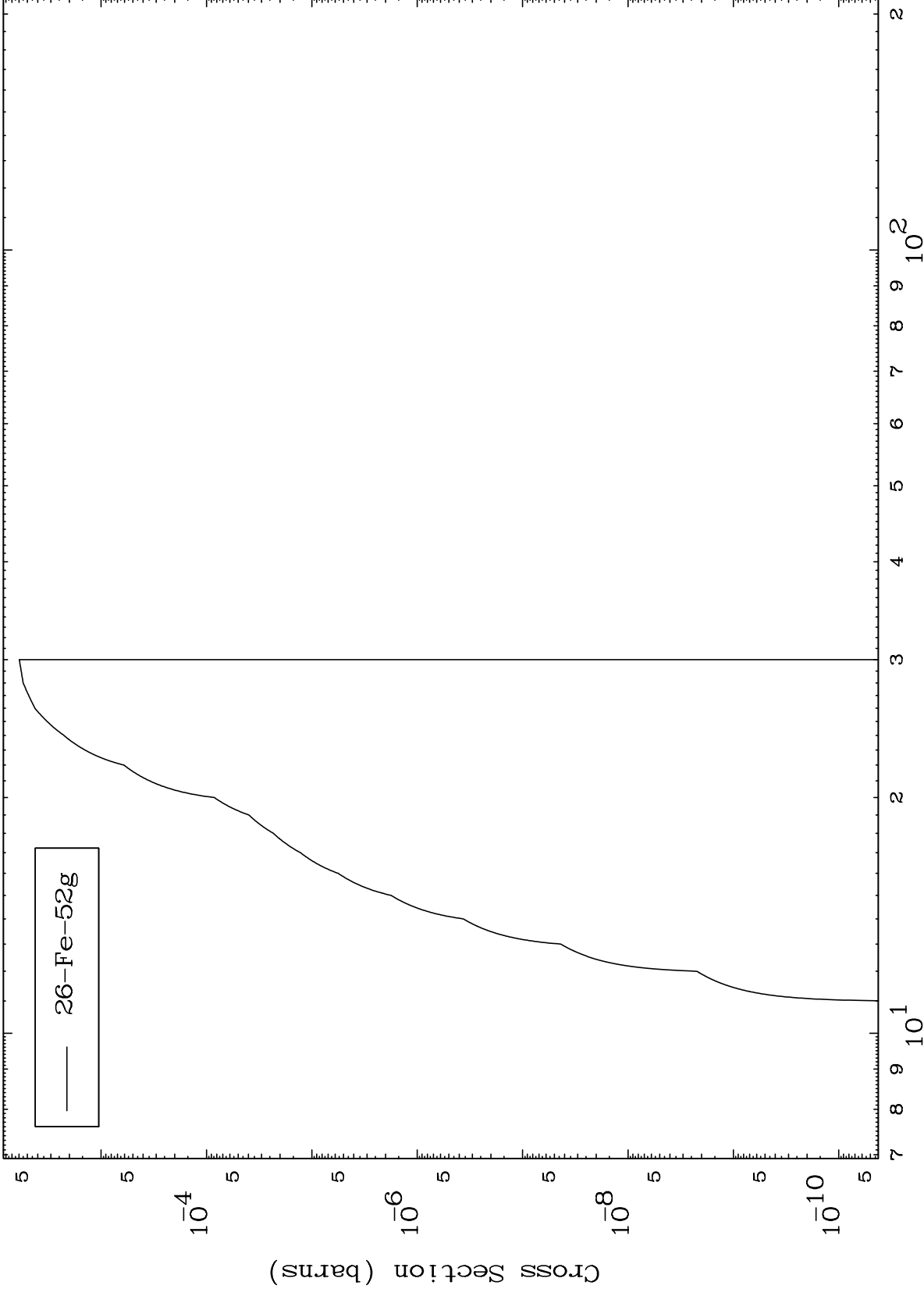
27-Co-54m

MAT 2711

(n,He-3)

27-Co-54m

Radionuclide Production Cross Section



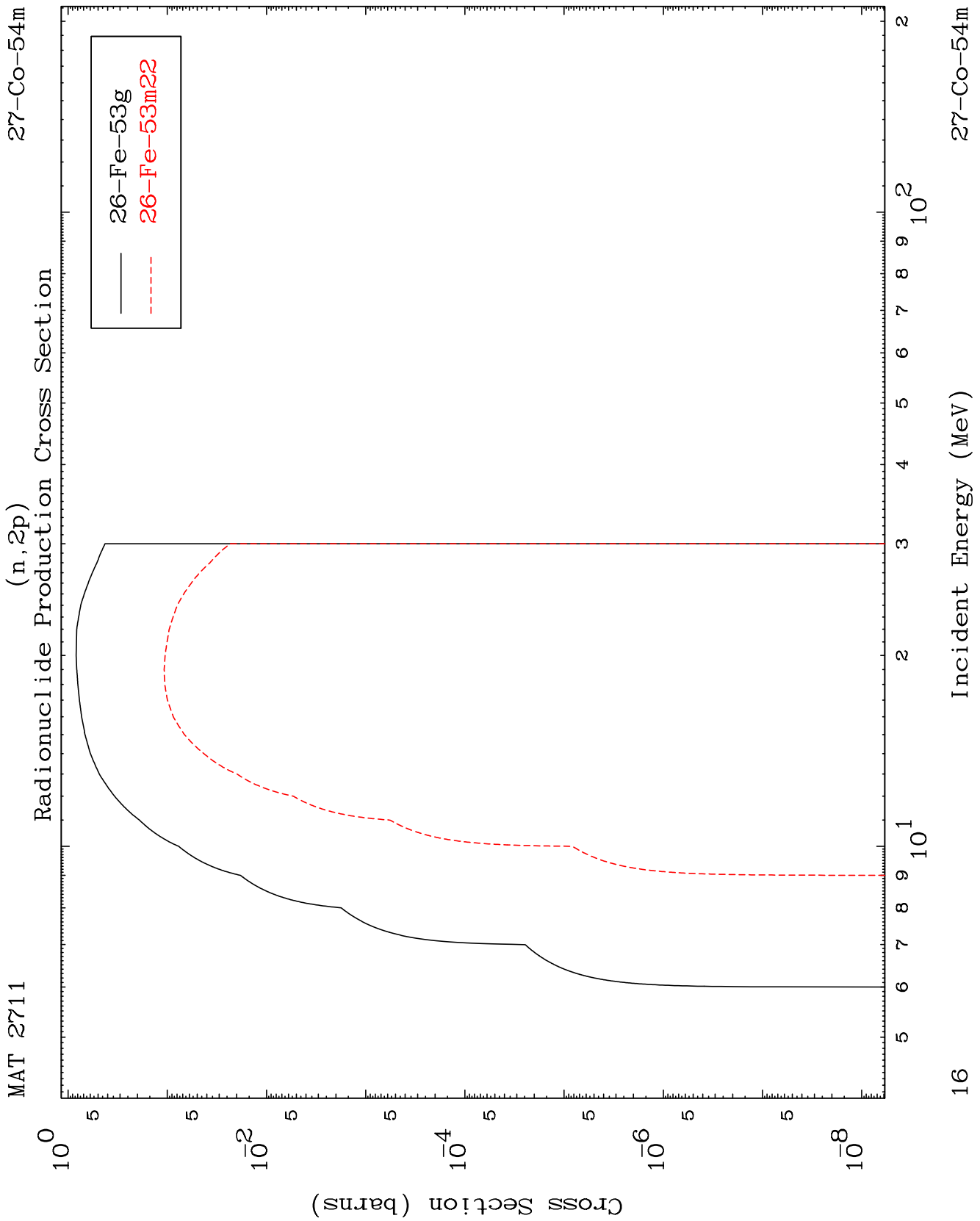
—  $^{26}\text{Fe-52g}$

15

Incident Energy (MeV)

27-Co-54m



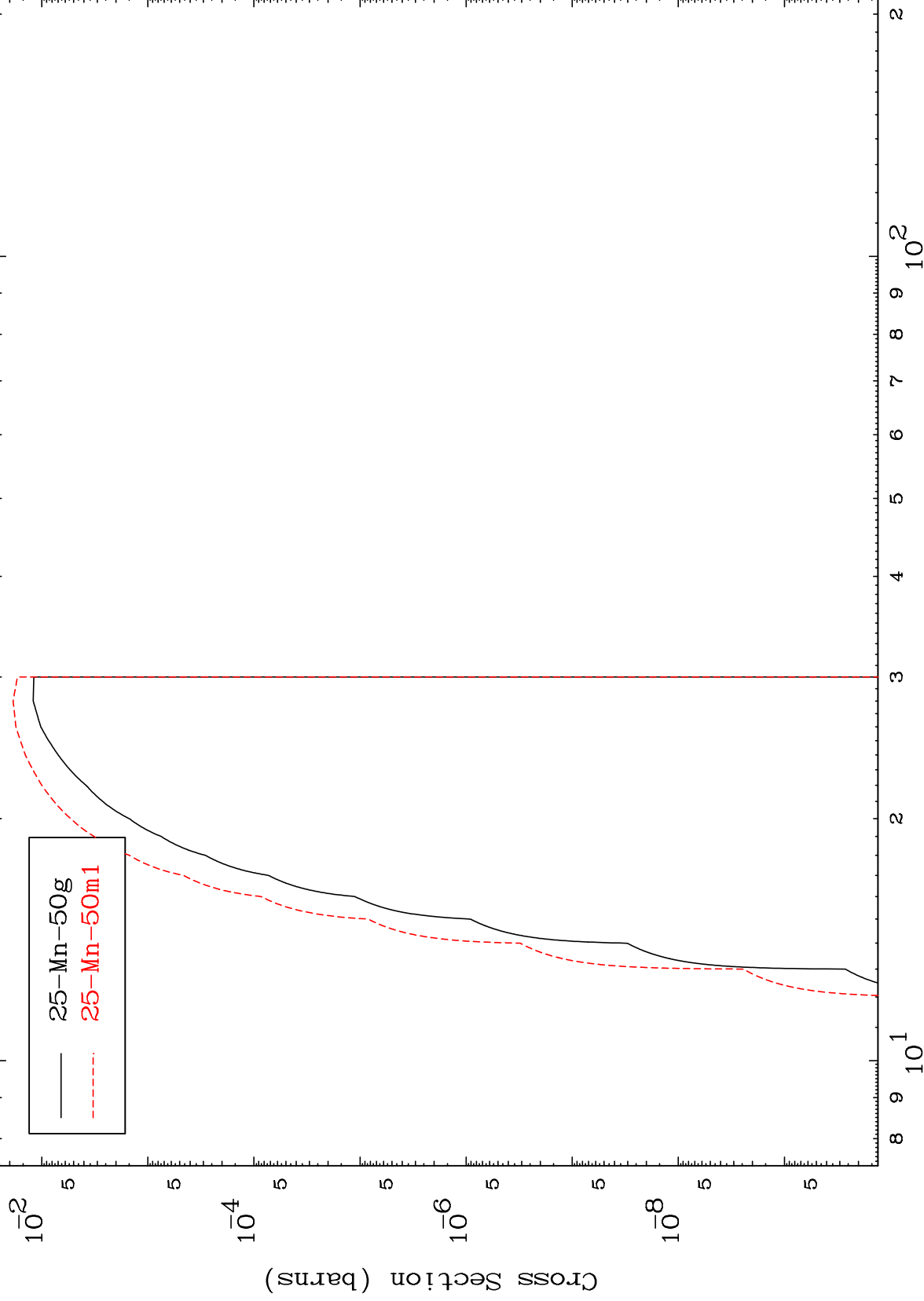


MAT 2711

(n,p)  $\alpha$

<sup>27</sup>Co-<sup>54</sup>m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

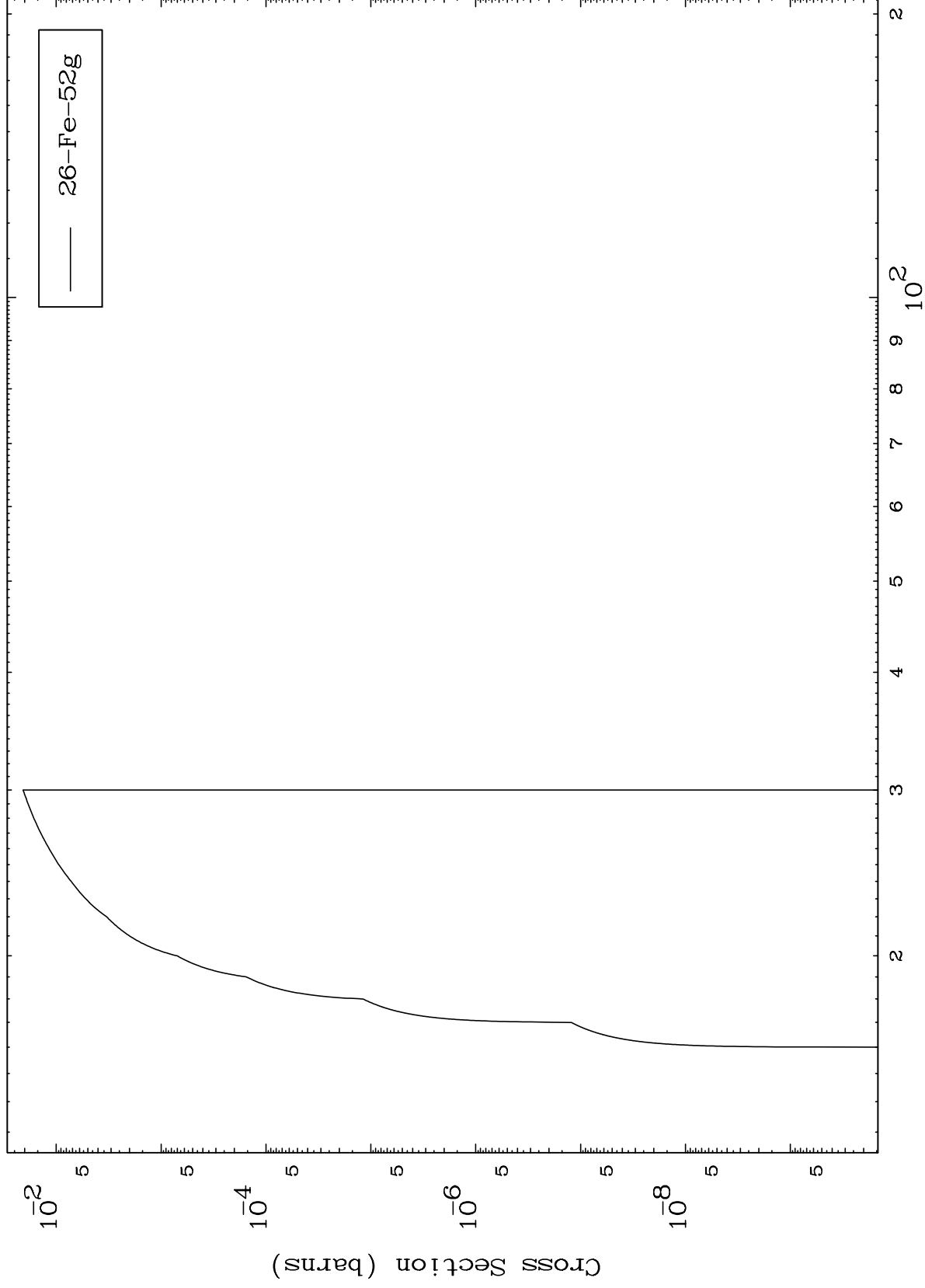
<sup>27</sup>Co-<sup>54</sup>m

MAT 2711

(n,p) d

27-Co-54m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

27-Co-54m