

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

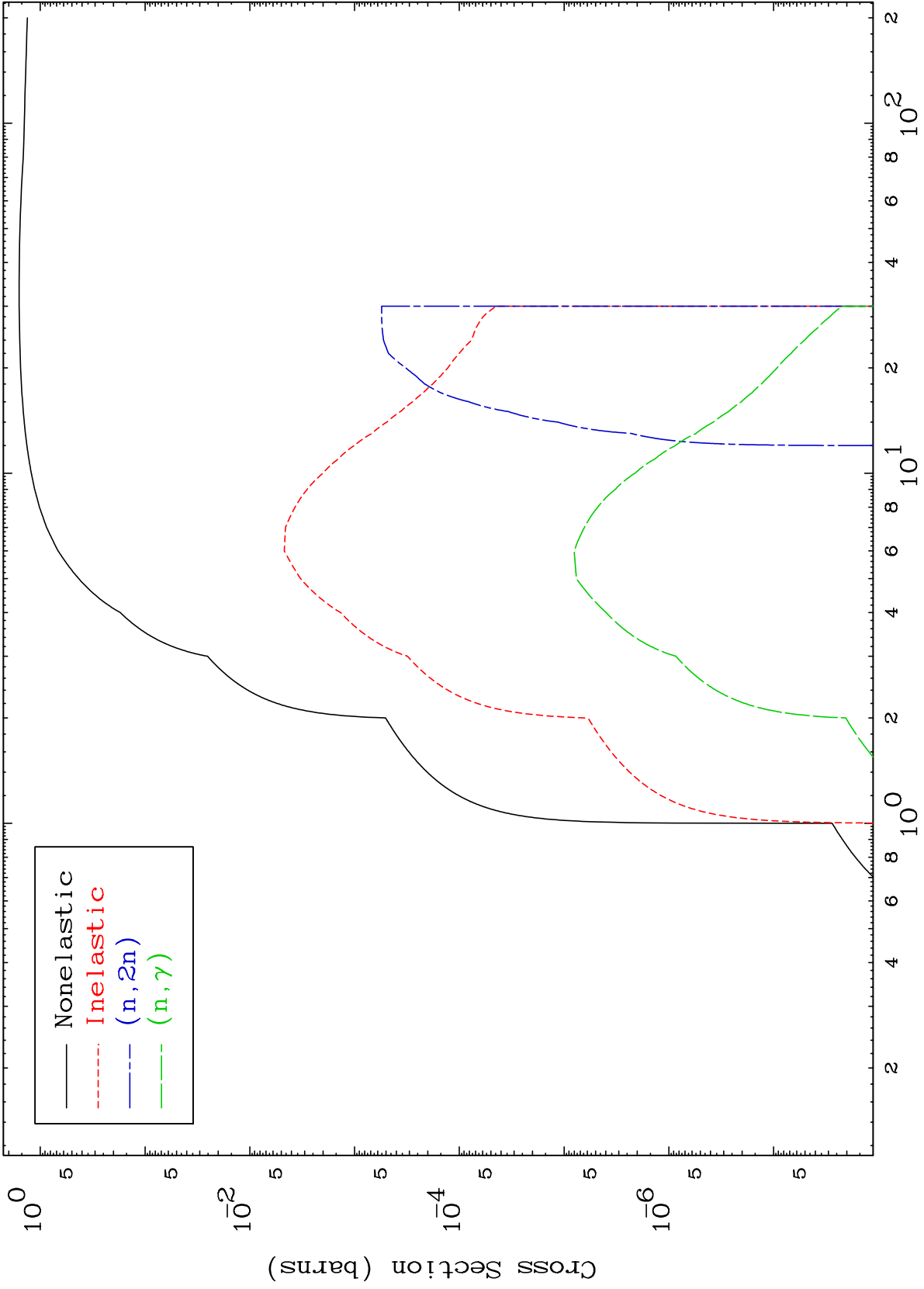
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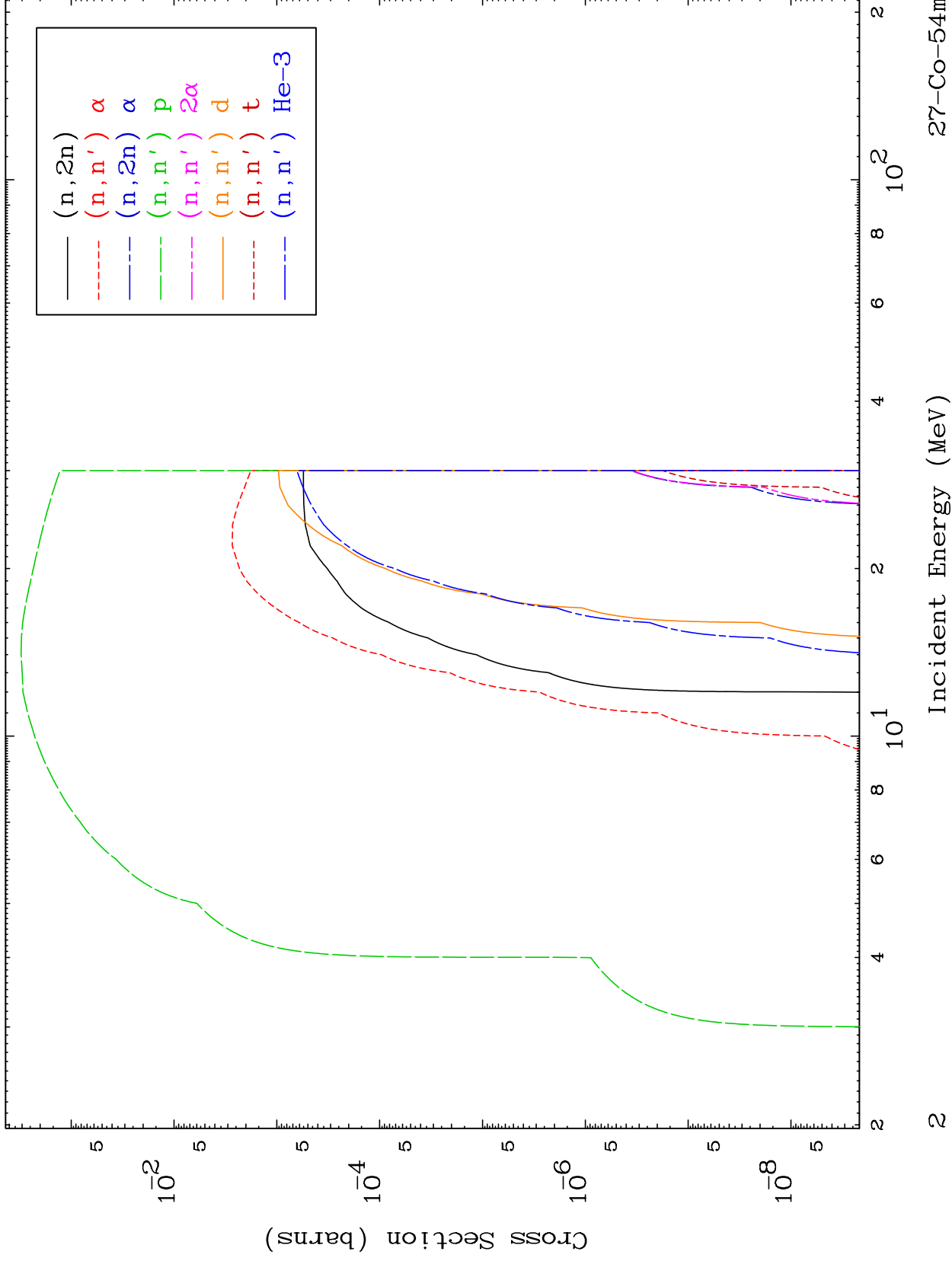
Press Mouse Button to Start



MAT 2711

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

27-Co-54m



2

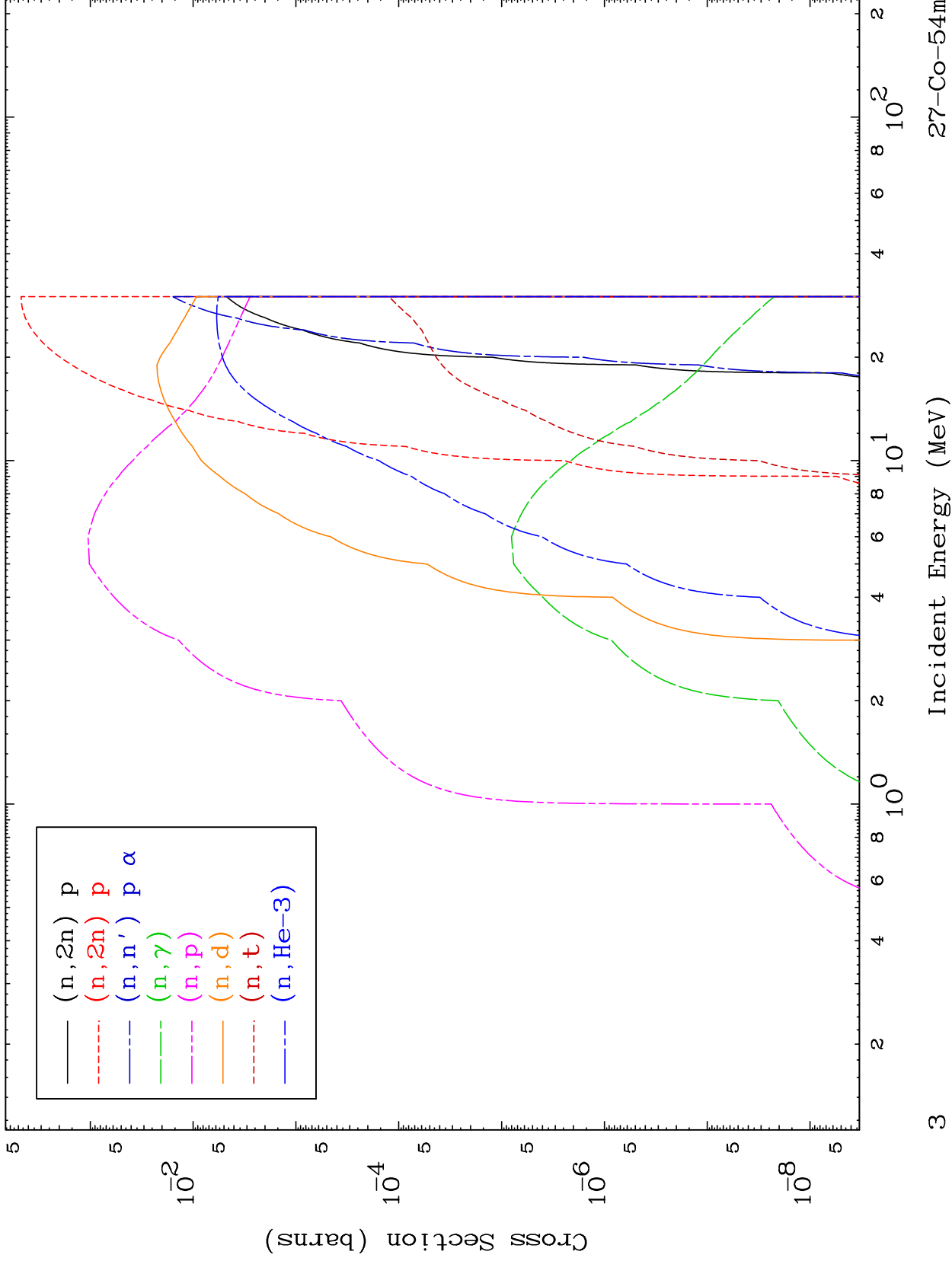
Incident Energy (MeV)

27-Co-54m

MAT 2711

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

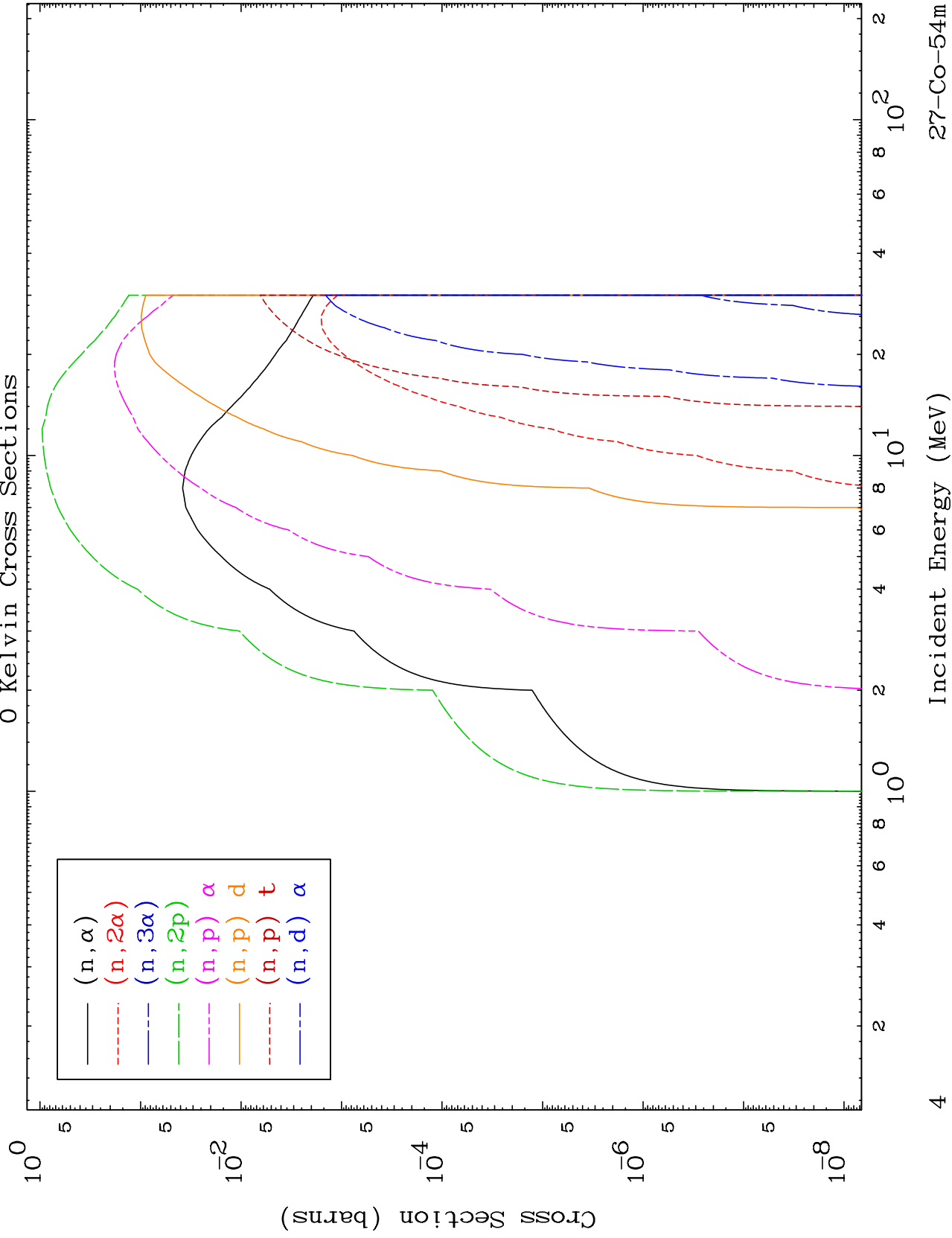
27-Co-54m

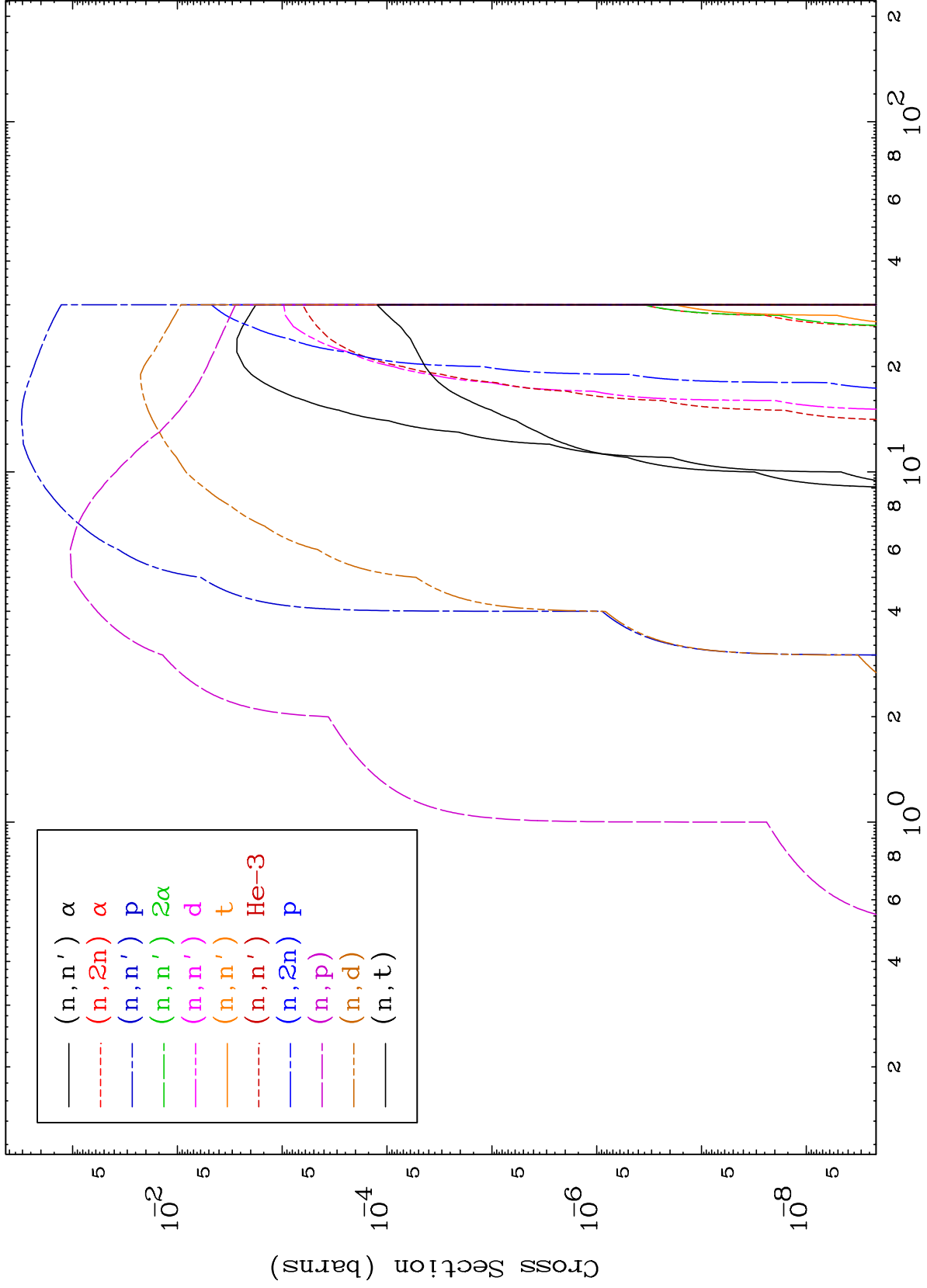


MAT 2711

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

27-Co-54m

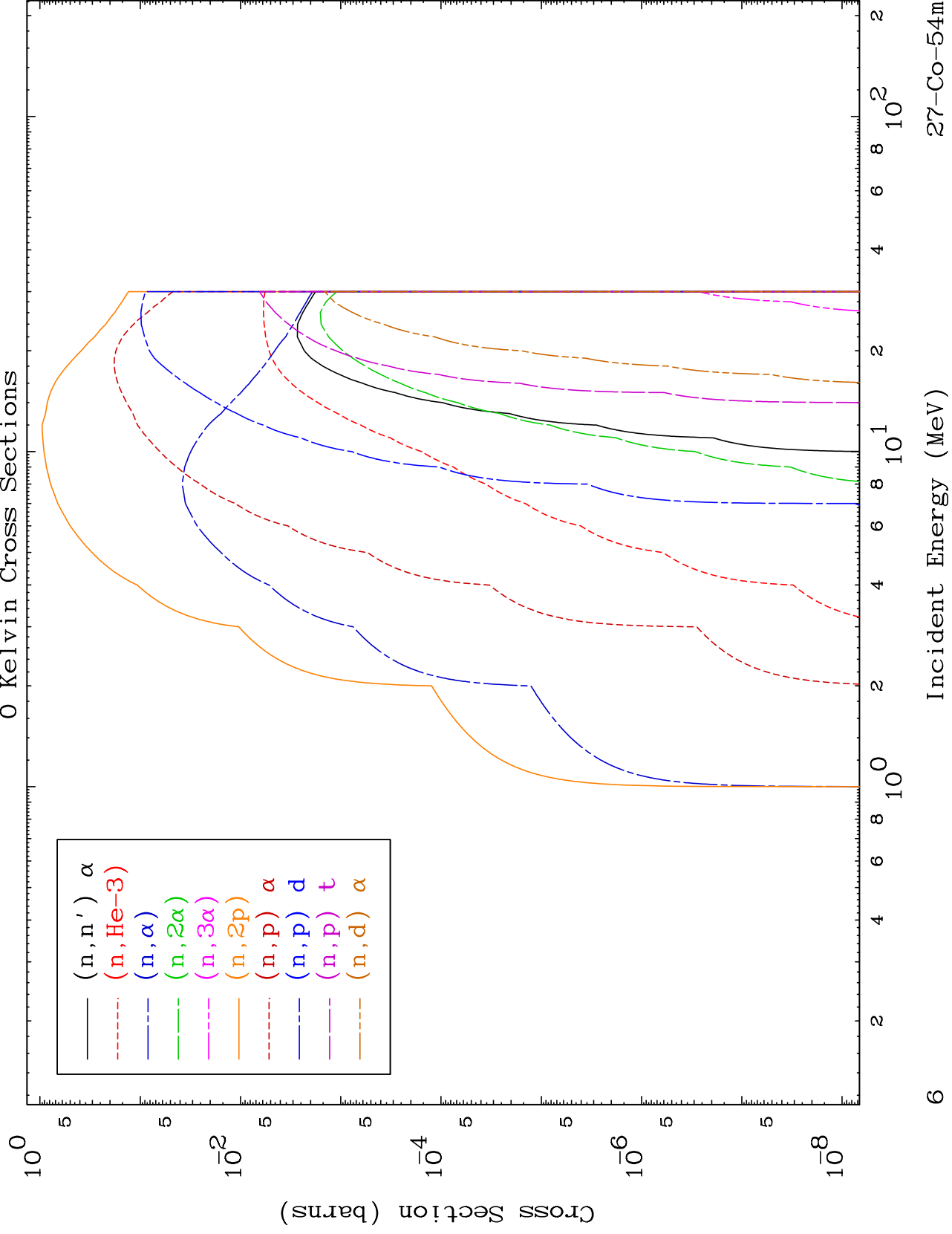




MAT 2711

Deuteron Charged Particle  
0 Kelvin Cross Sections

27-Co-54m

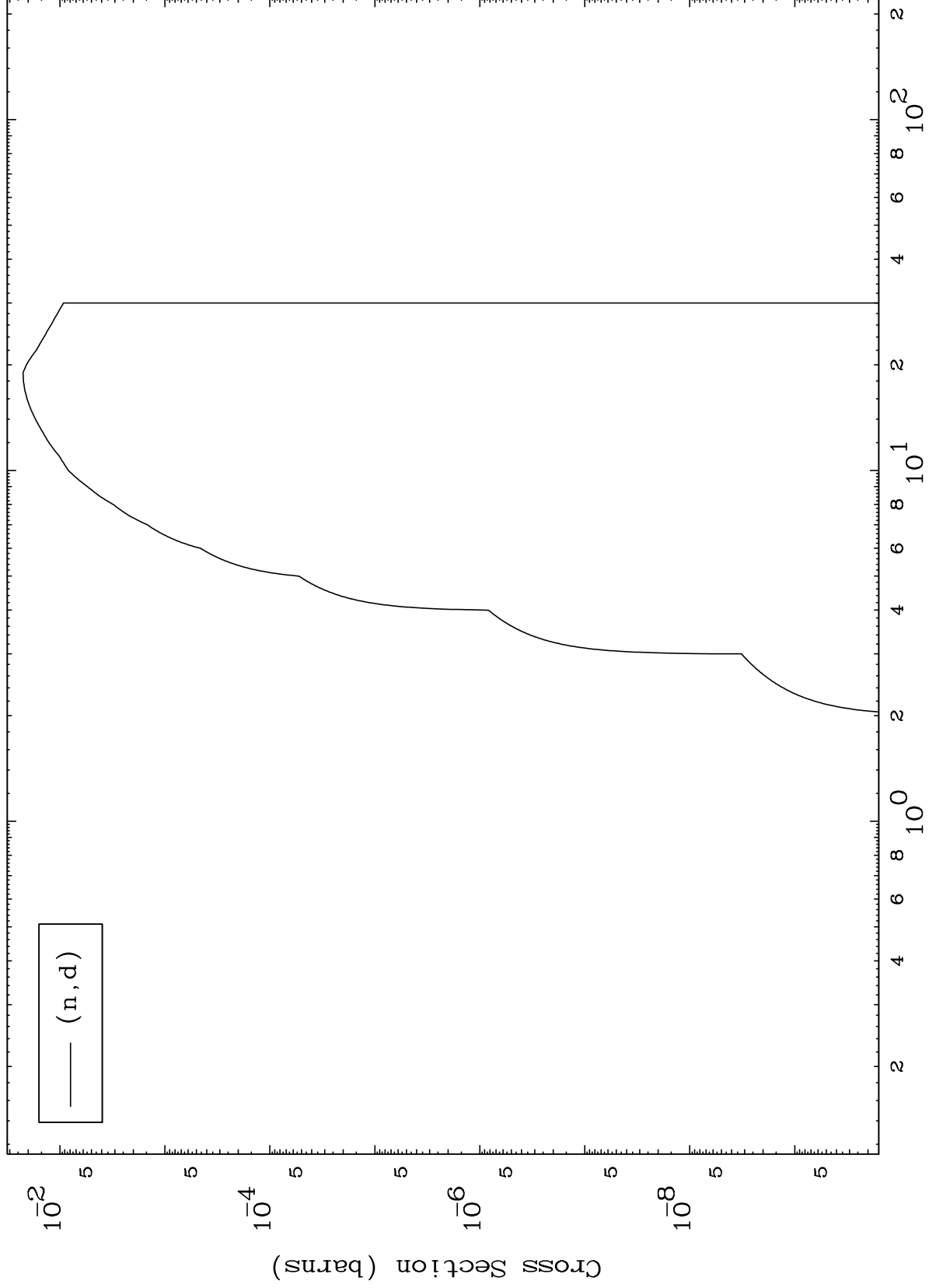




MAT 2711

(d,d) Levels  
0 Kelvin Cross Sections

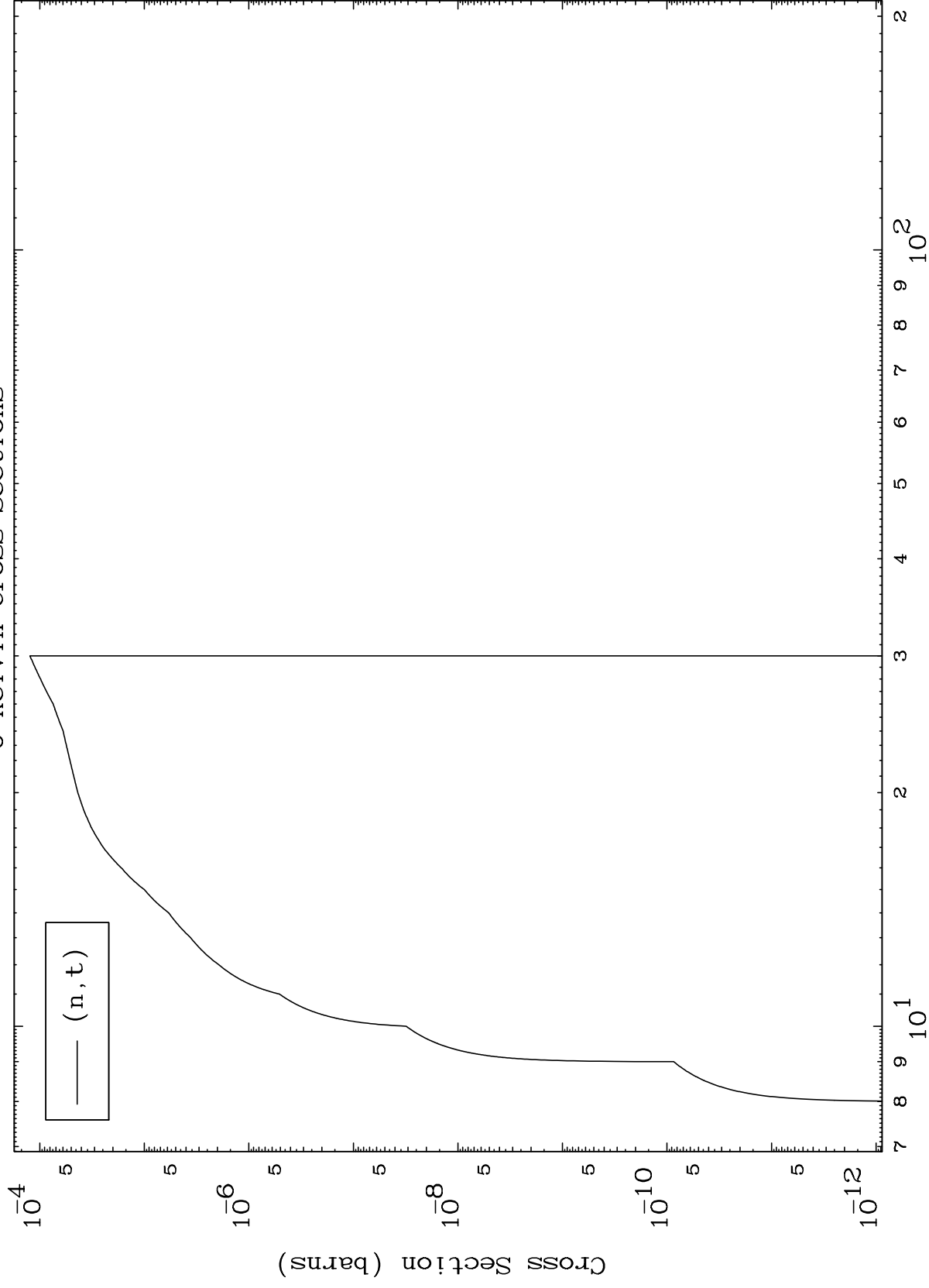
27-Co-54m



MAT 2711

(d,t) Levels  
0 Kelvin Cross Sections

27-Co-54m



Incident Energy (MeV)

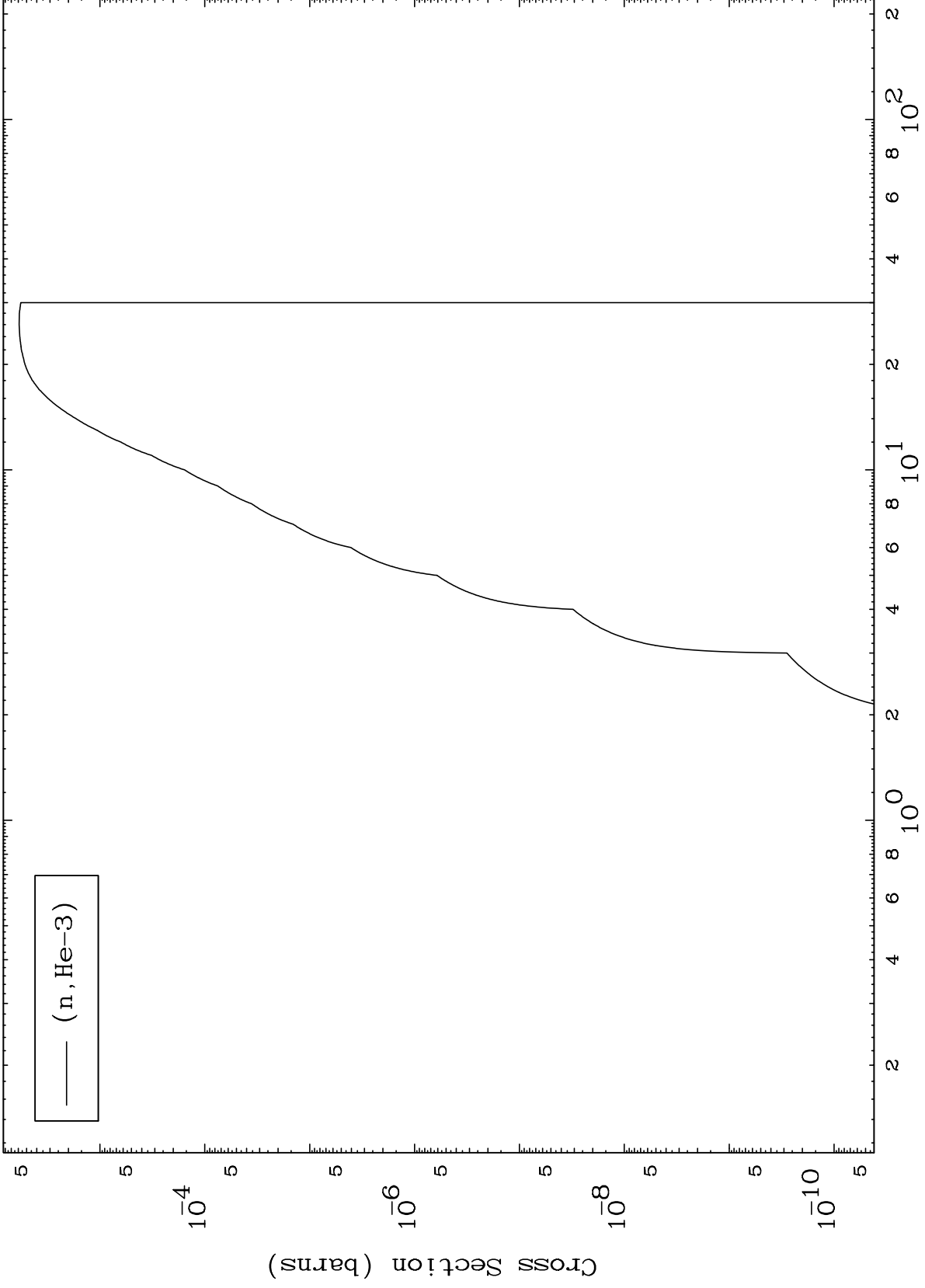
27-Co-54m

9

MAT 2711

(d,He3) Levels  
0 Kelvin Cross Sections

27-Co-54m



10

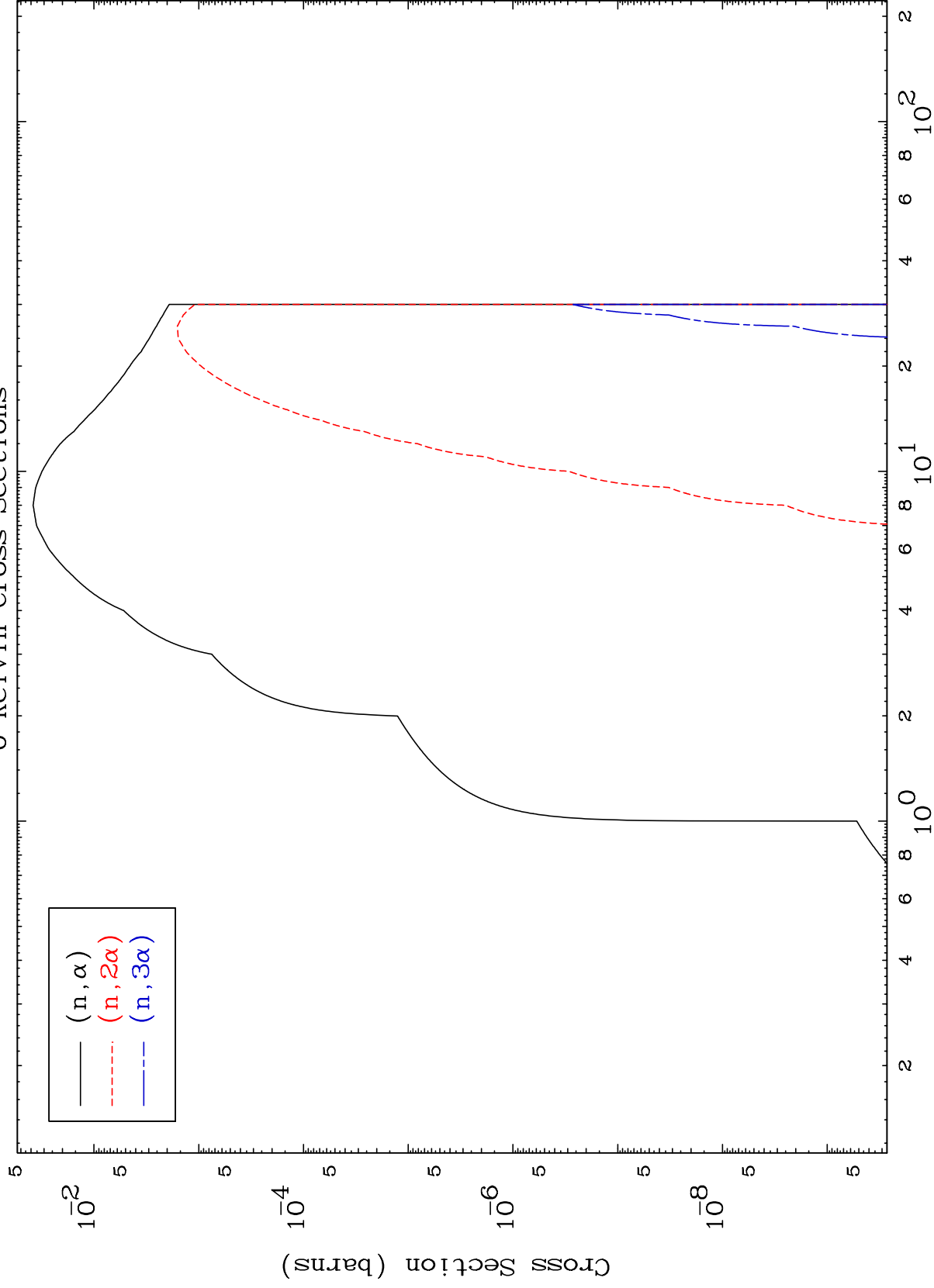
Incident Energy (MeV)

27-Co-54m

MAT 2711

27-Co-54m

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



27-Co-54m

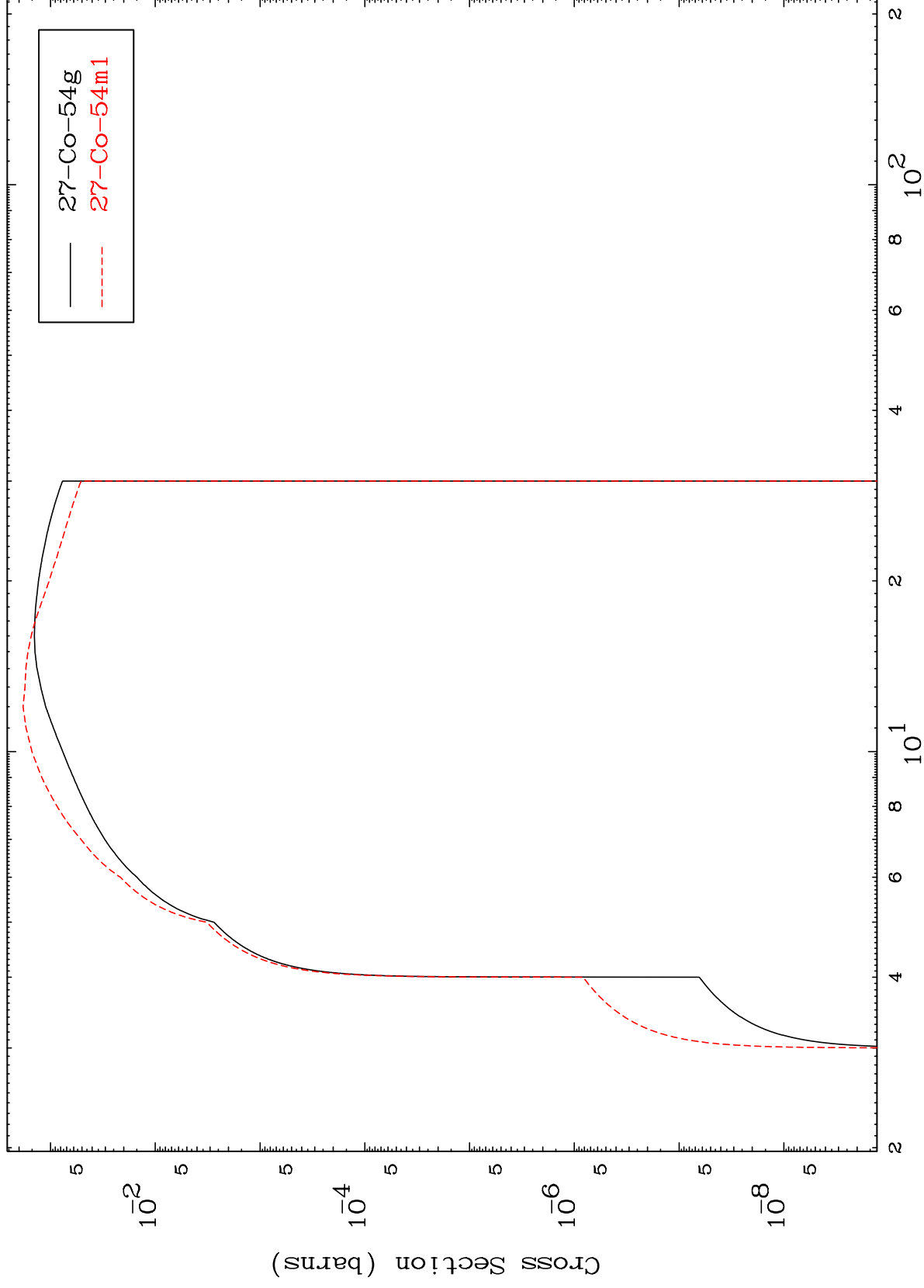
Incident Energy (MeV)

11

MAT 2711

27-Co-54m

(n,n') p  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

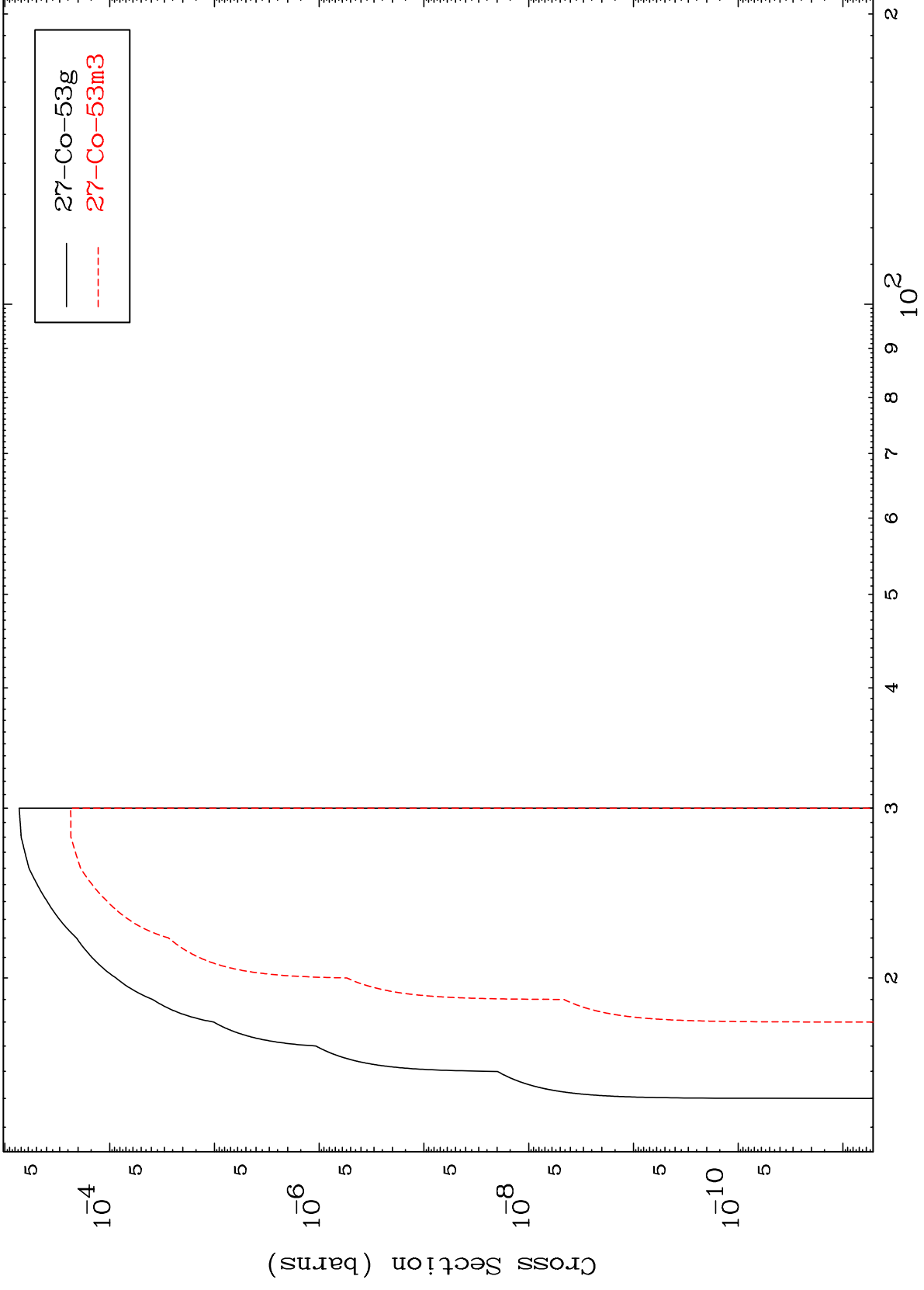
27-Co-54m

MAT 2711

(n,n') d

27-Co-54m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

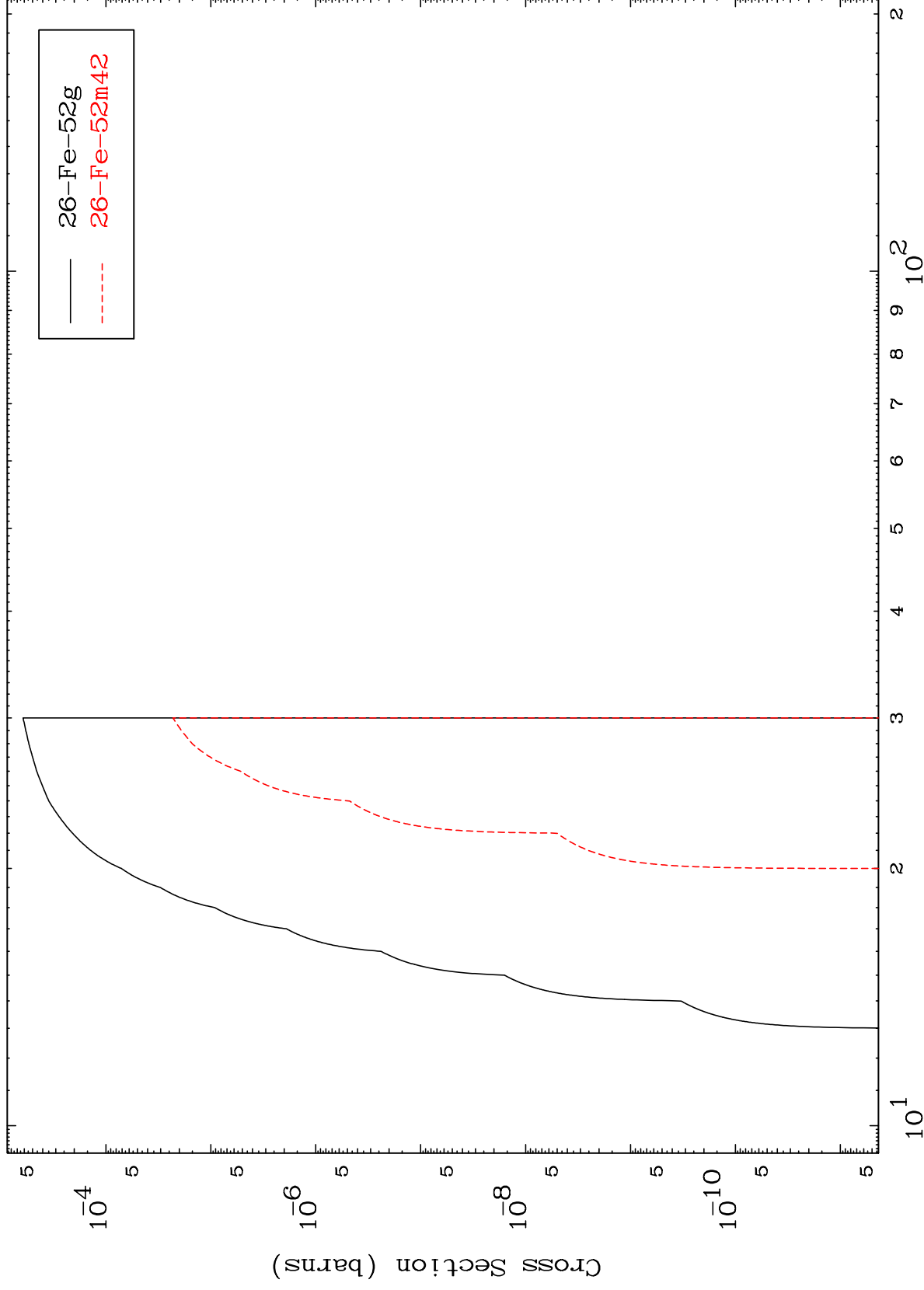
27-Co-54m

MAT 2711

(n,n') He-3

27-Co-54m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

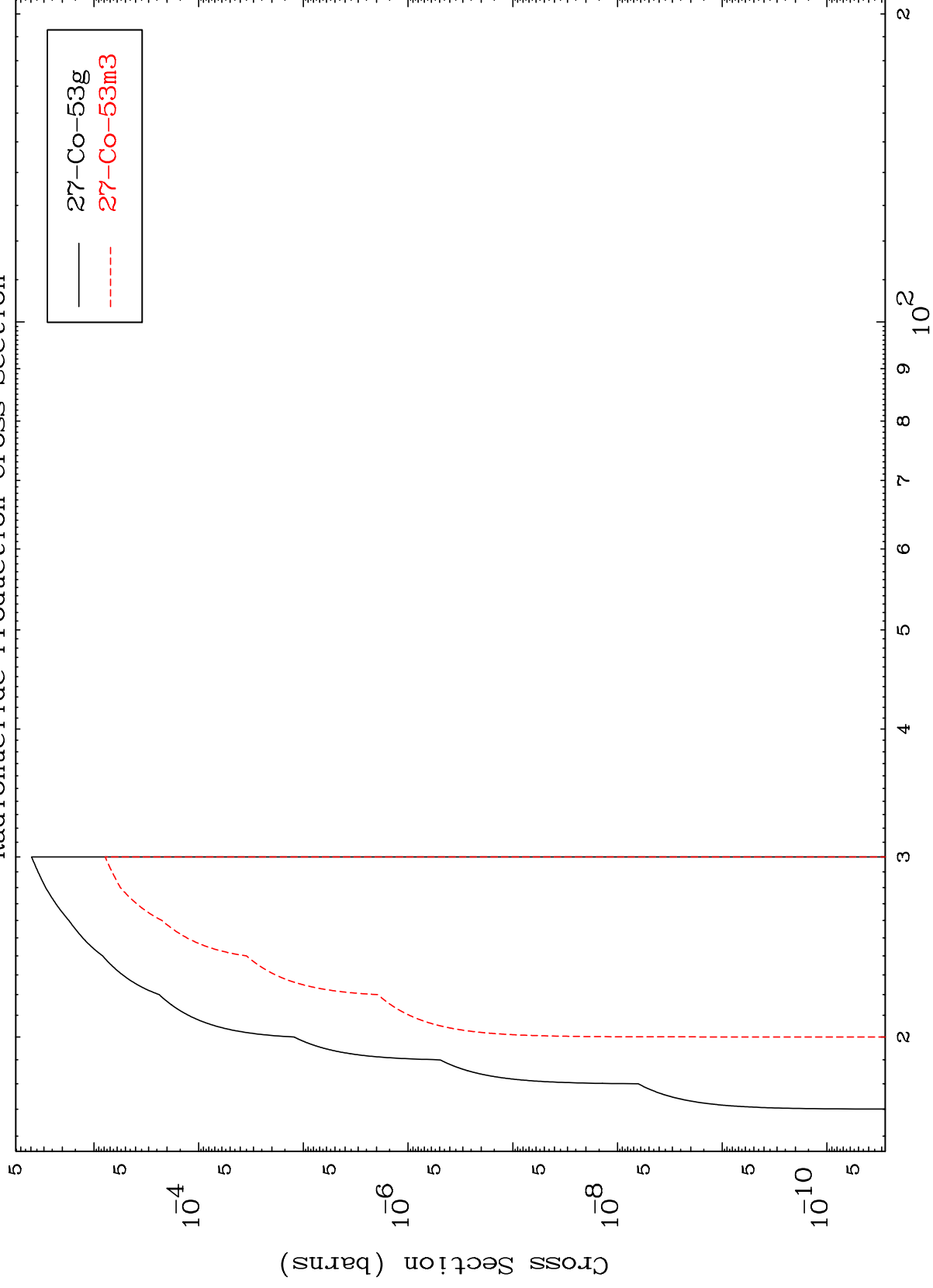
27-Co-54m

MAT 2711

(n,2n) p

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

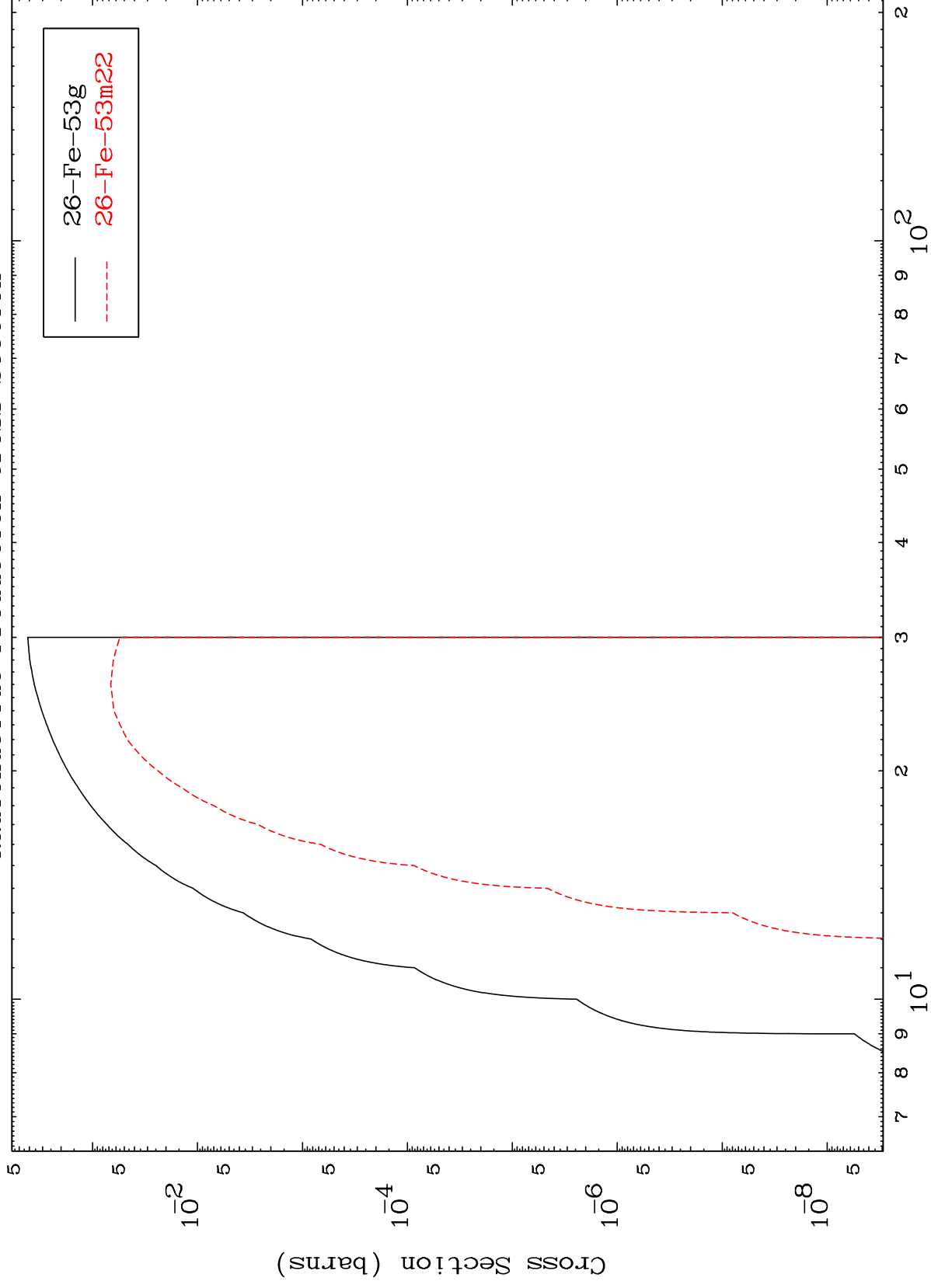
<sup>27</sup>Co-54m

MAT 2711

(n,2n) p

27-Co-54m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

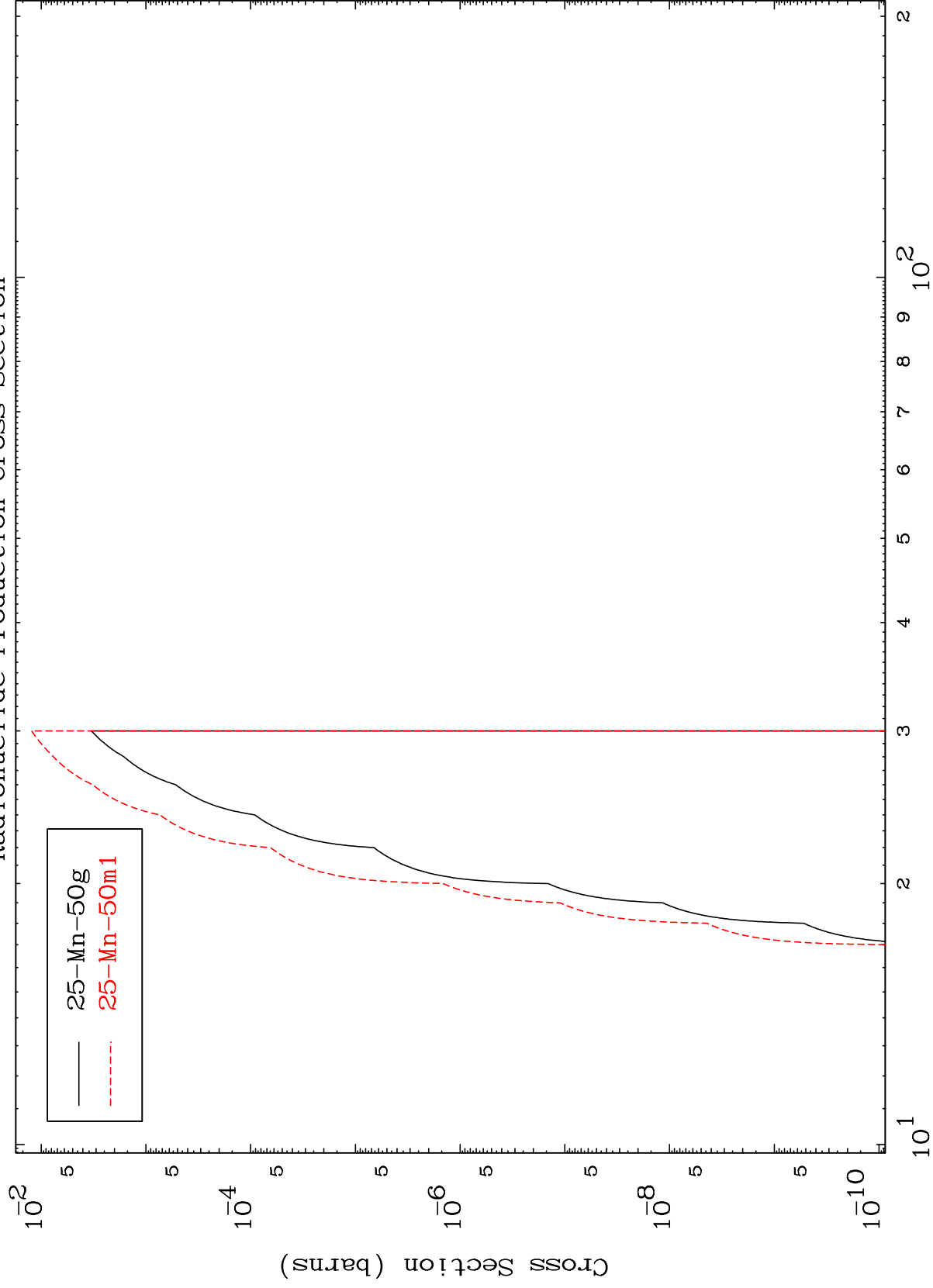
27-Co-54m

MAT 2711

(n,n') p  $\alpha$

27-Co-54m

Radionuclide Production Cross Section



— 25-Mn-50g  
- - - 25-Mn-50m1

Incident Energy (MeV)

27-Co-54m

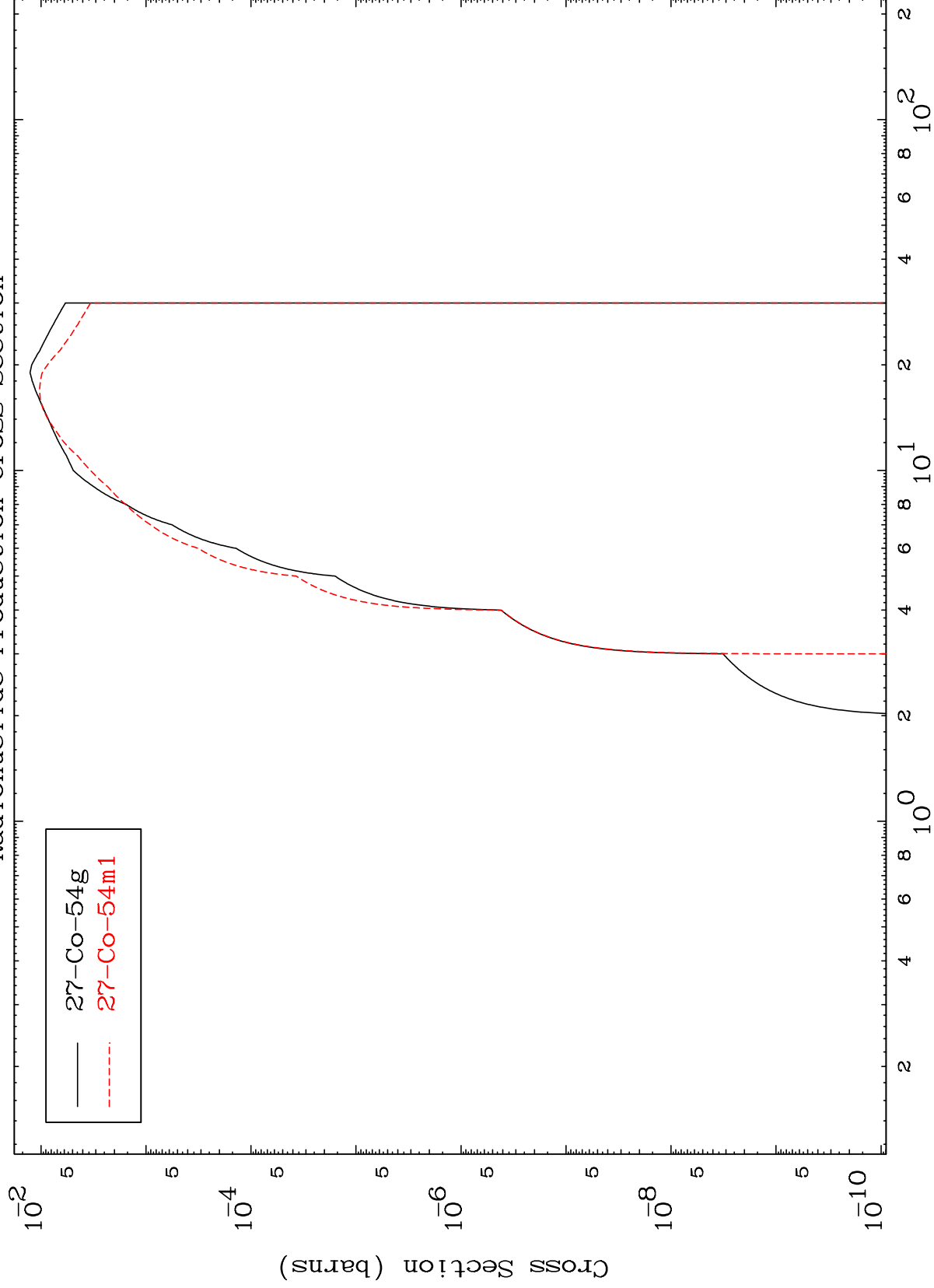
17

MAT 2711

(n,d)

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

Radionuclide Production Cross Section



18

Incident Energy (MeV)

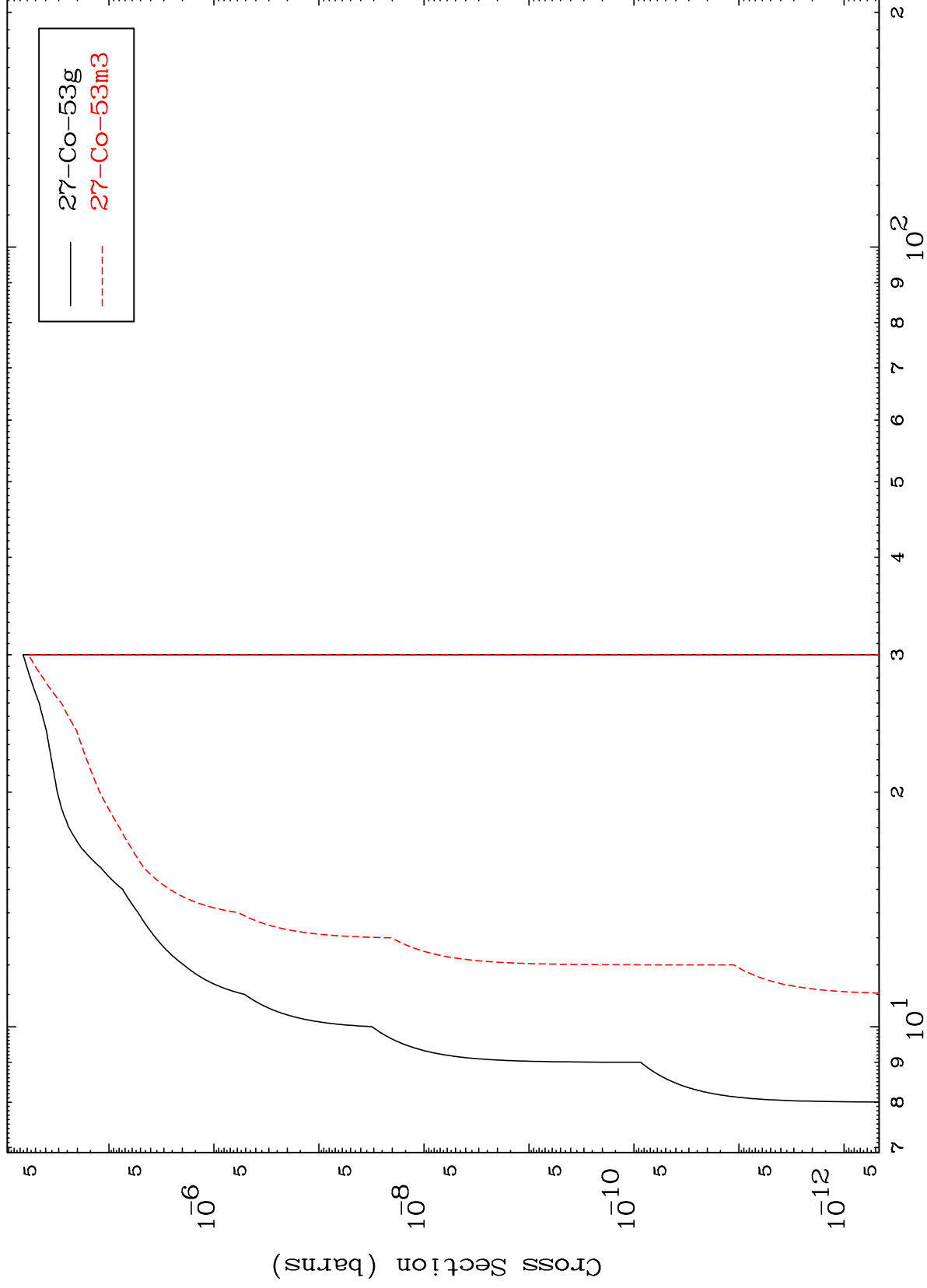
<sup>27</sup>Co-54m

MAT 2711

(n, t)

27-Co-54m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

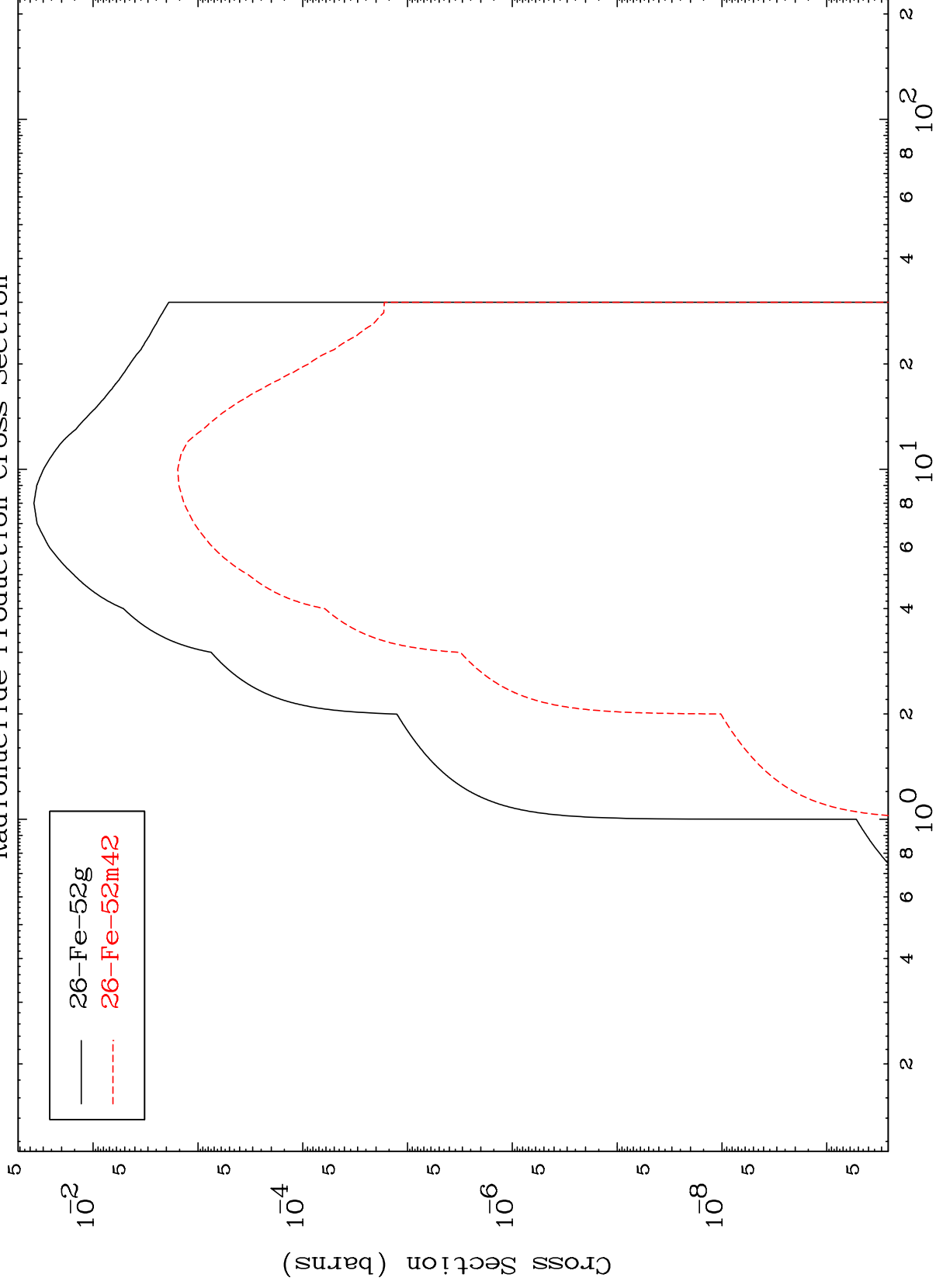
27-Co-54m



MAT 2711

27-Co-54m

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



21

Incident Energy (MeV)

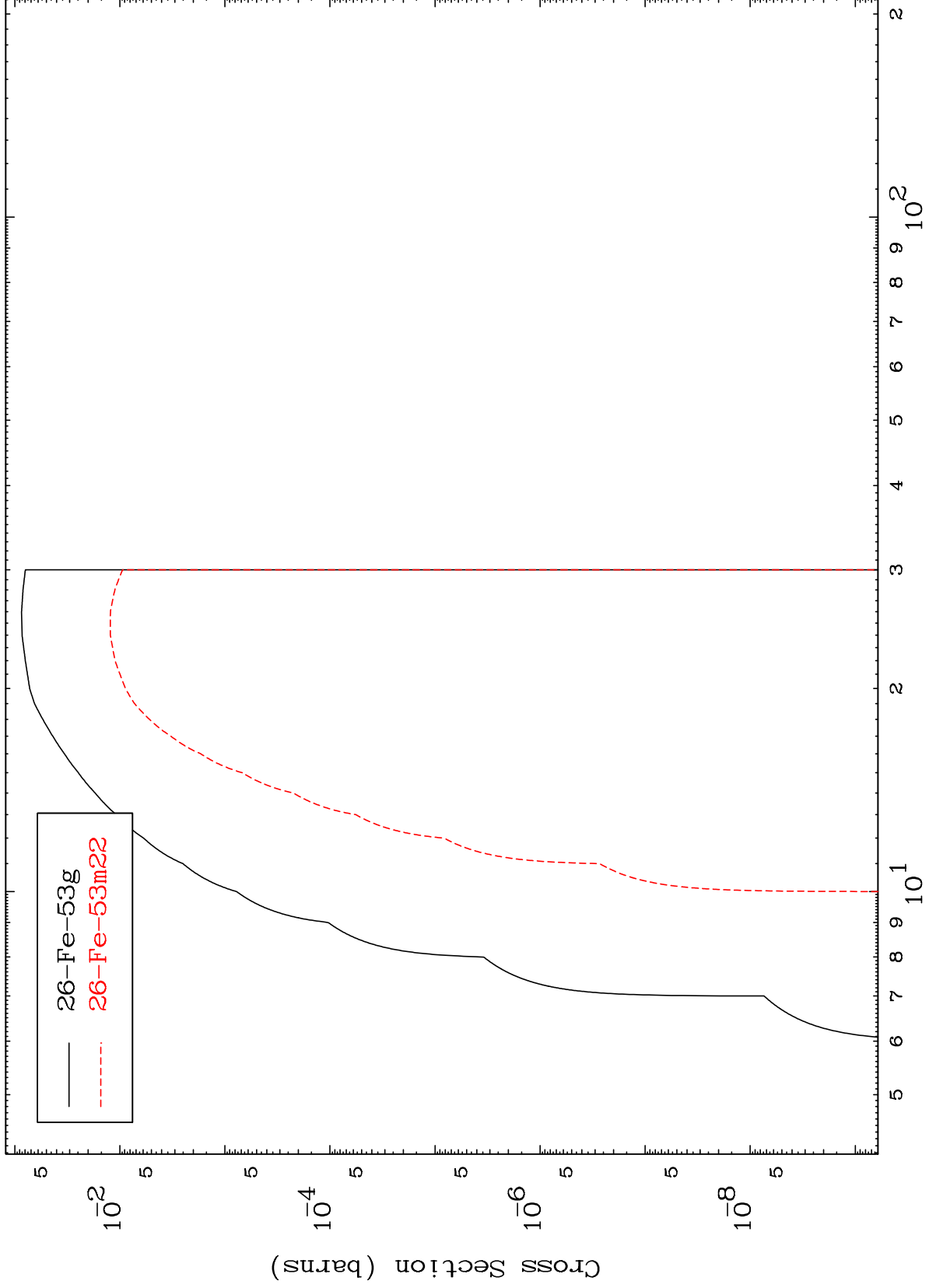
27-Co-54m

MAT 2711

(n,p) d

27-Co-54m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

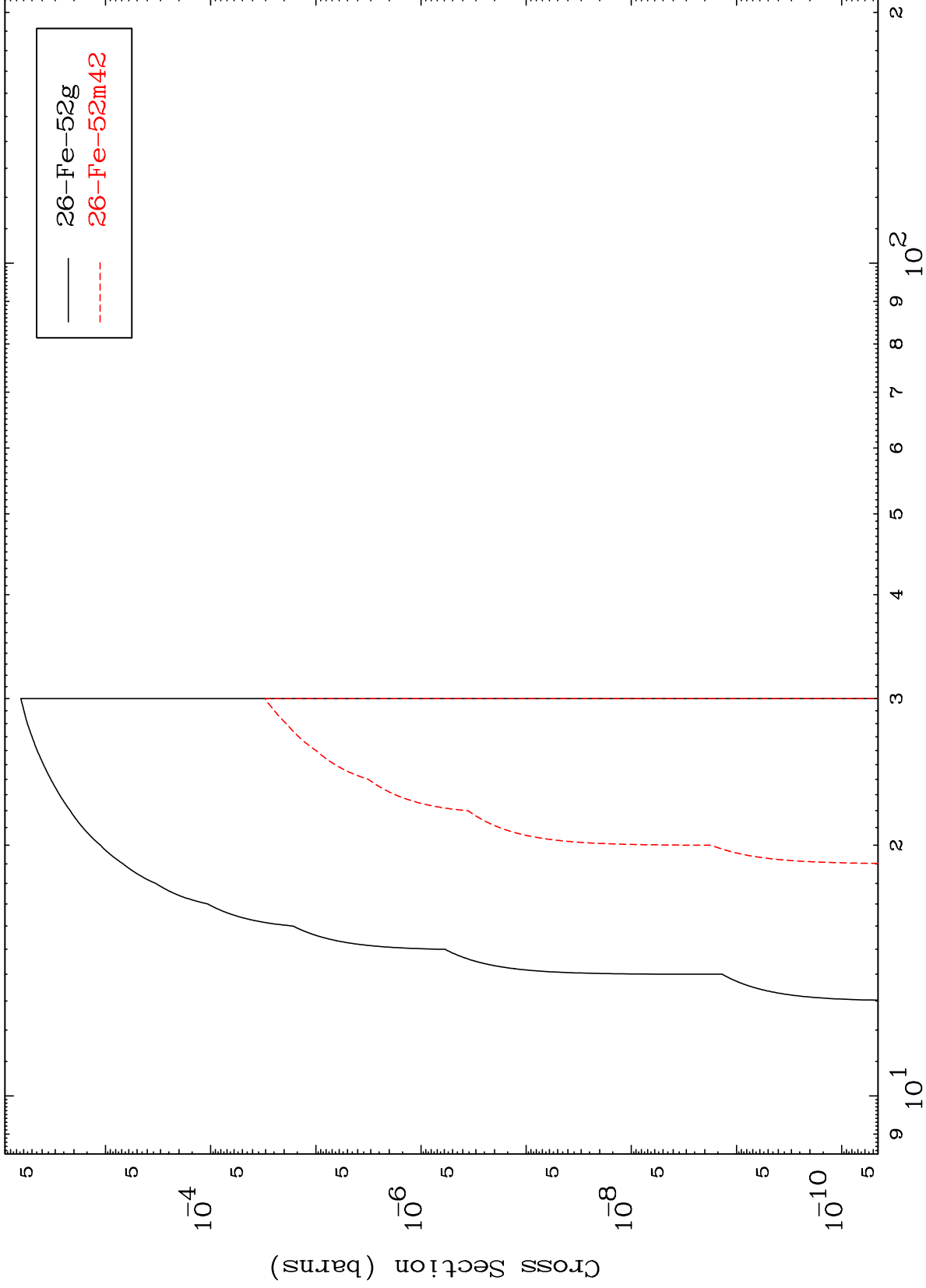
27-Co-54m

MAT 2711

(n,p) t

27-Co-54m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

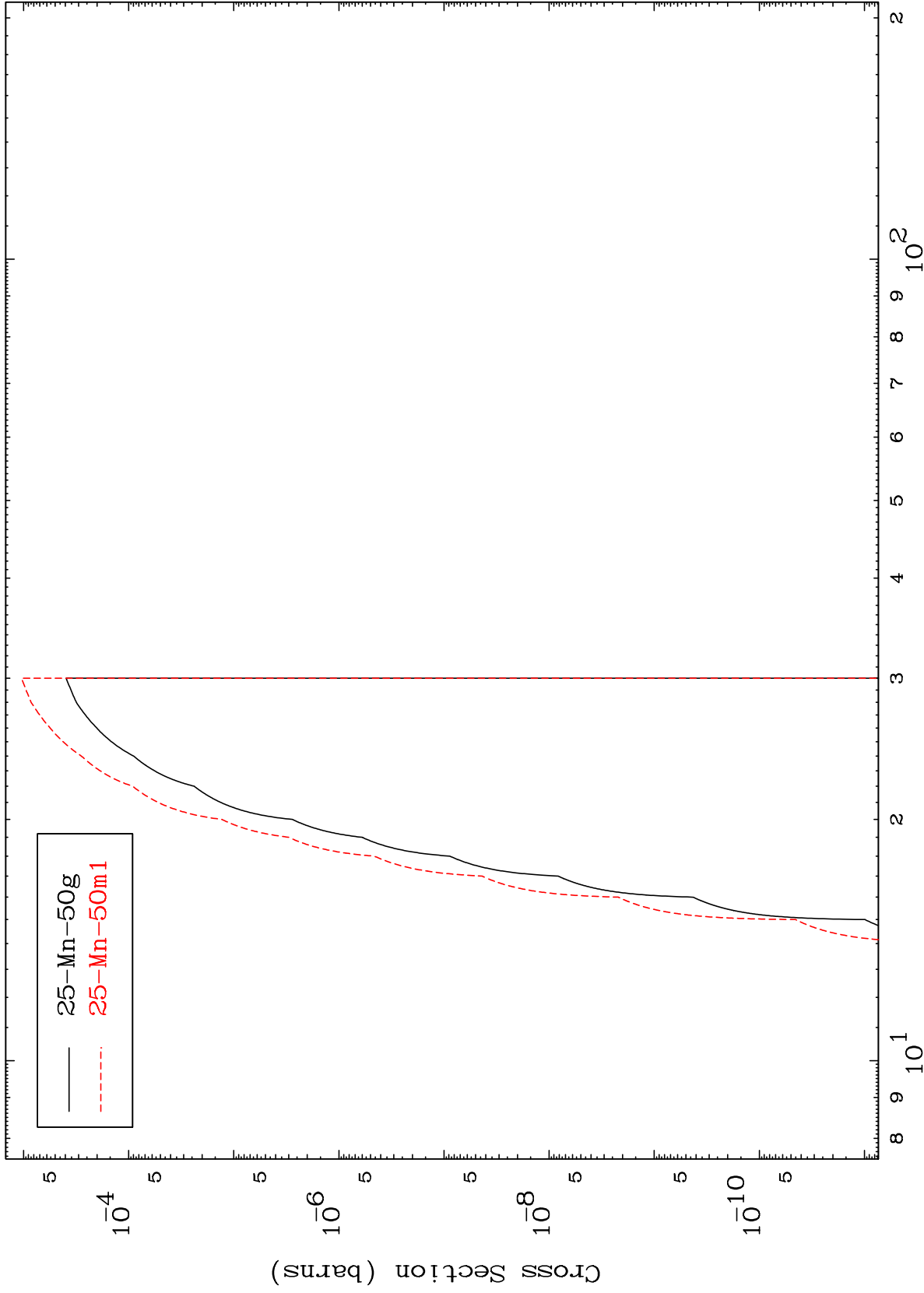
27-Co-54m

MAT 2711

(n,d)  $\alpha$

27-Co-54m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

27-Co-54m