

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

Web:redcullen1.net/HOMEPAGE.NEW

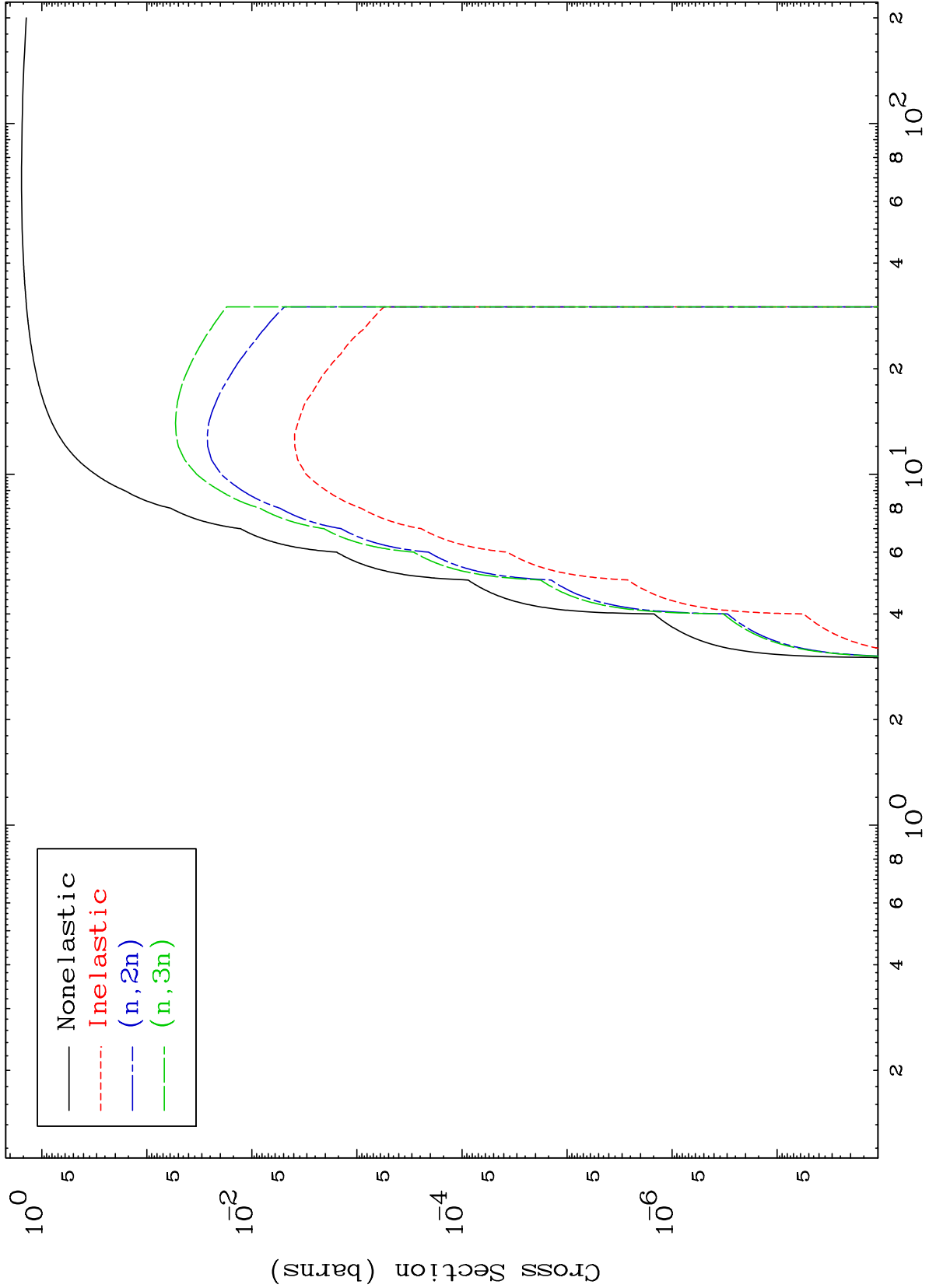
Press Mouse Button to Start

MAT 2753

He-3 Major

27-Co-68m

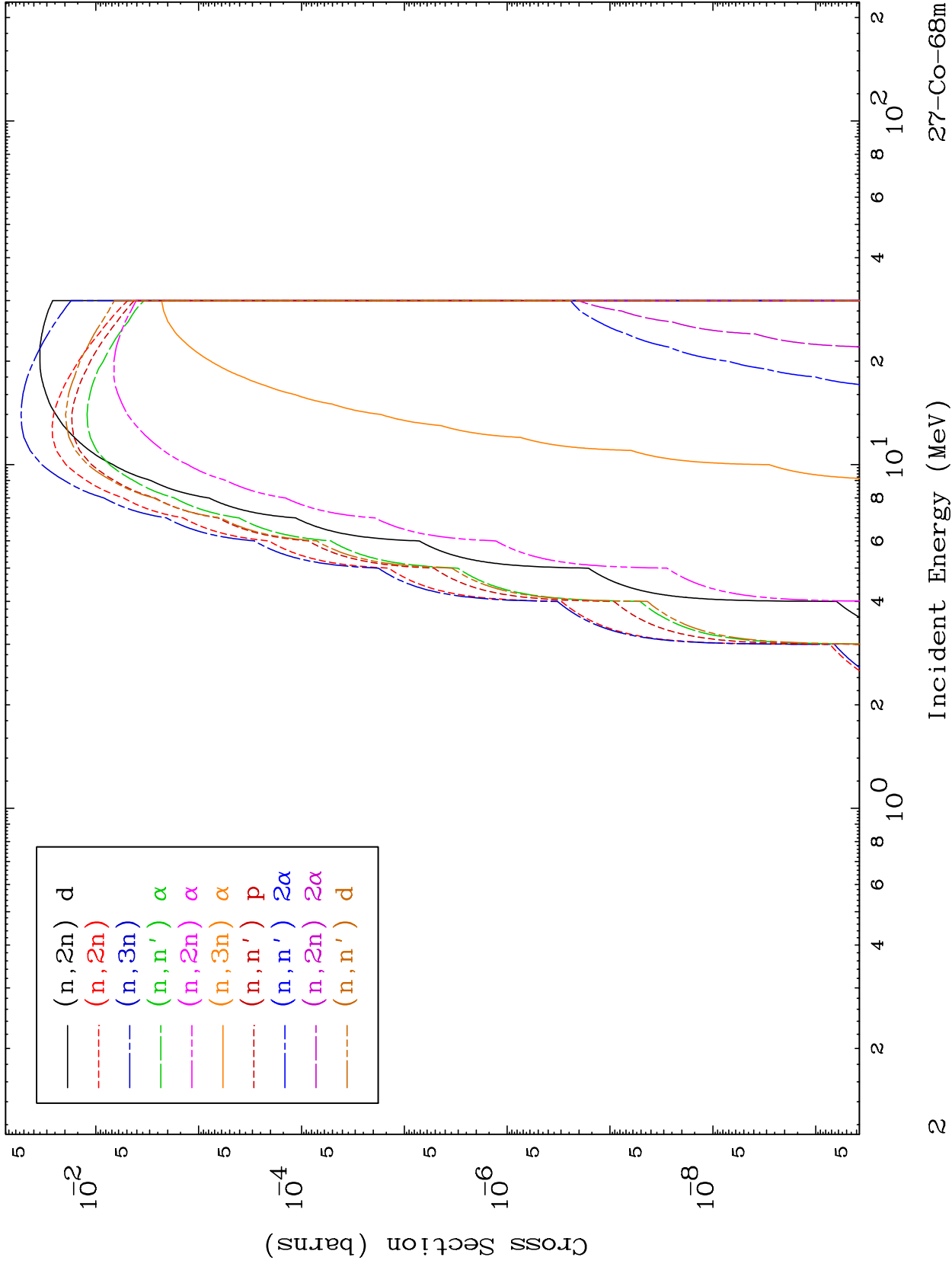
0 Kelvin Cross Sections



MAT 2753

He-3 Neutron Absorption  
0 Kelvin Cross Sections

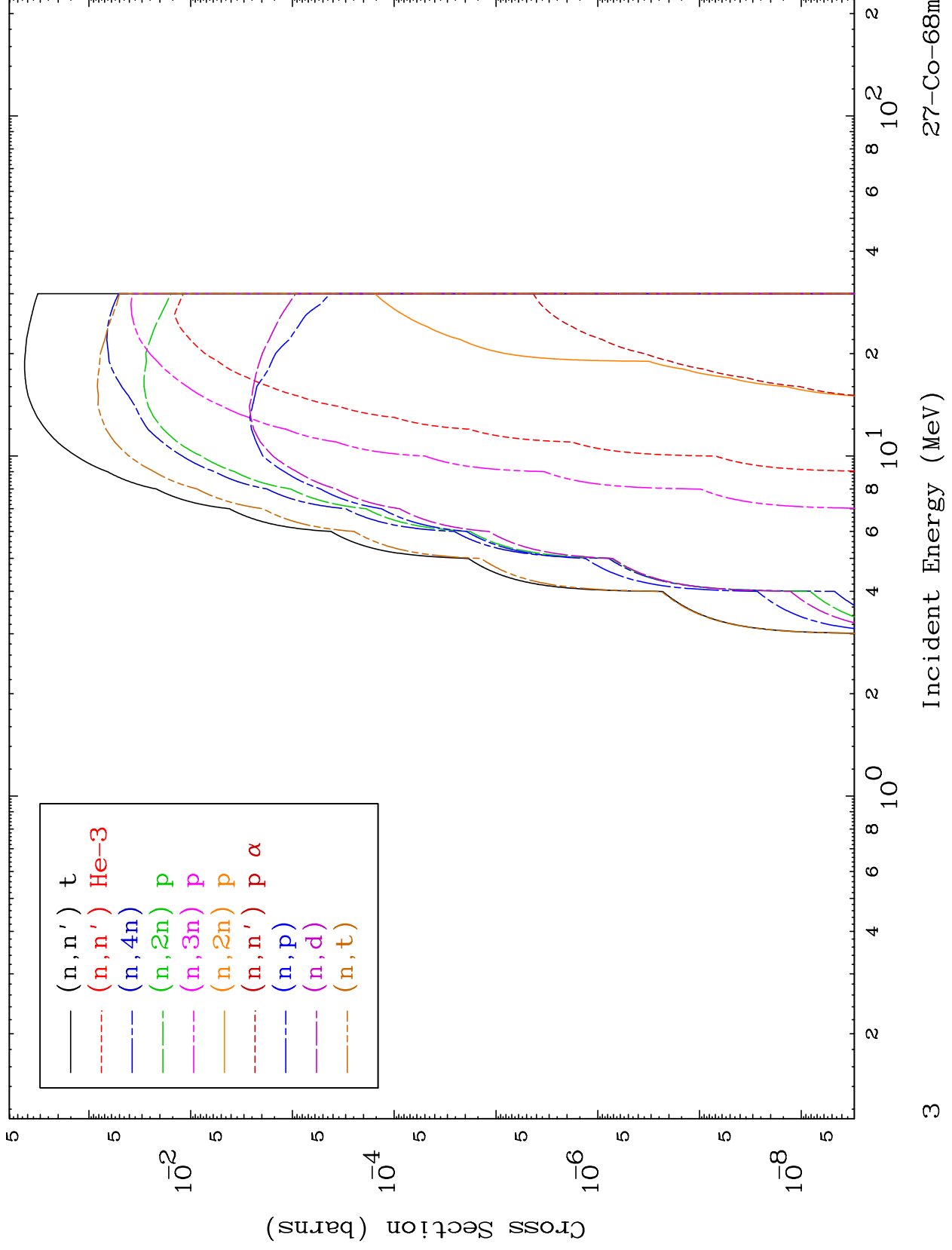
27-Co-68m



MAT 2753

He-3 Neutron Absorption  
0 Kelvin Cross Sections

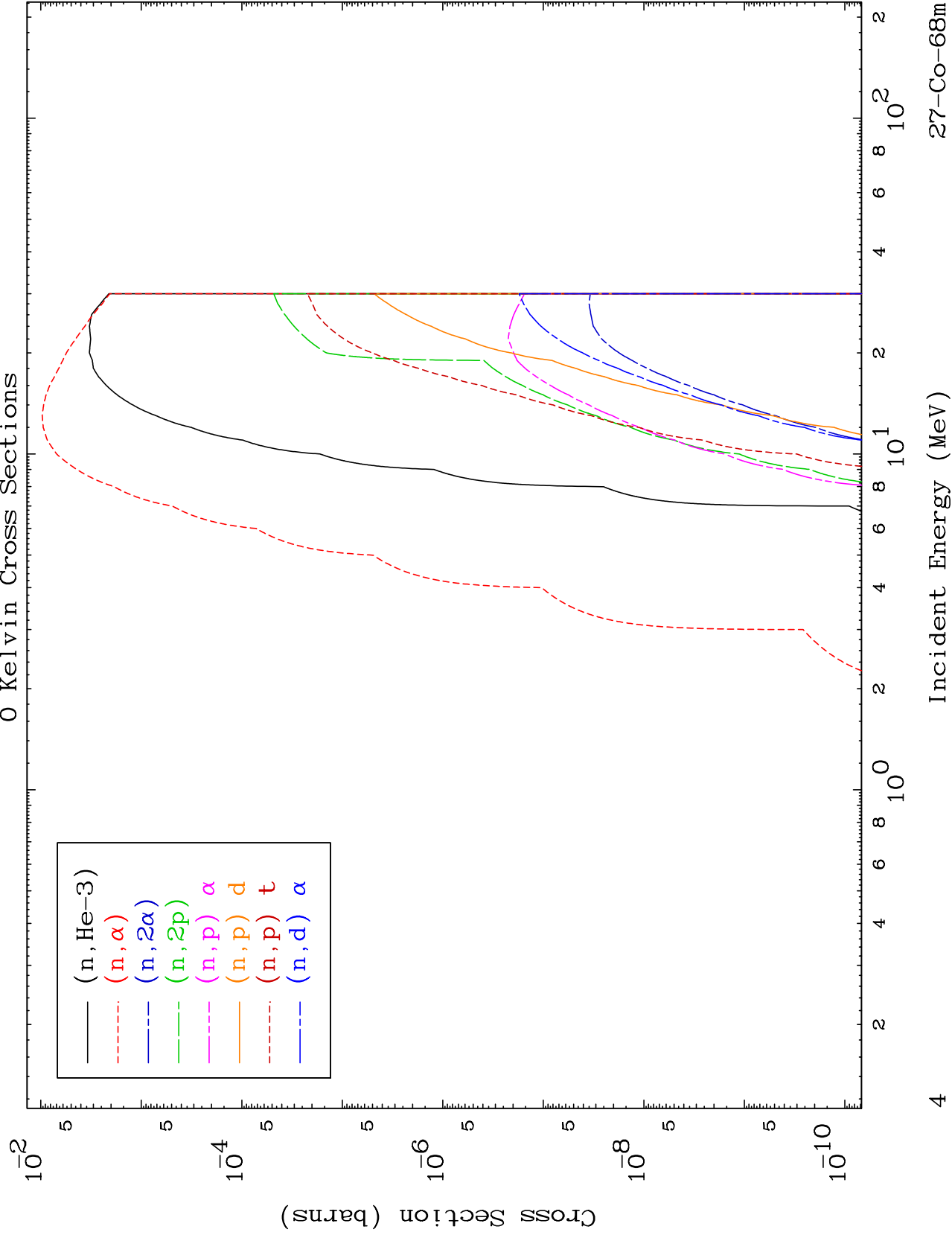
27-Co-68m



MAT 2753

He-3 Neutron Absorption  
0 Kelvin Cross Sections

27-Co-68m

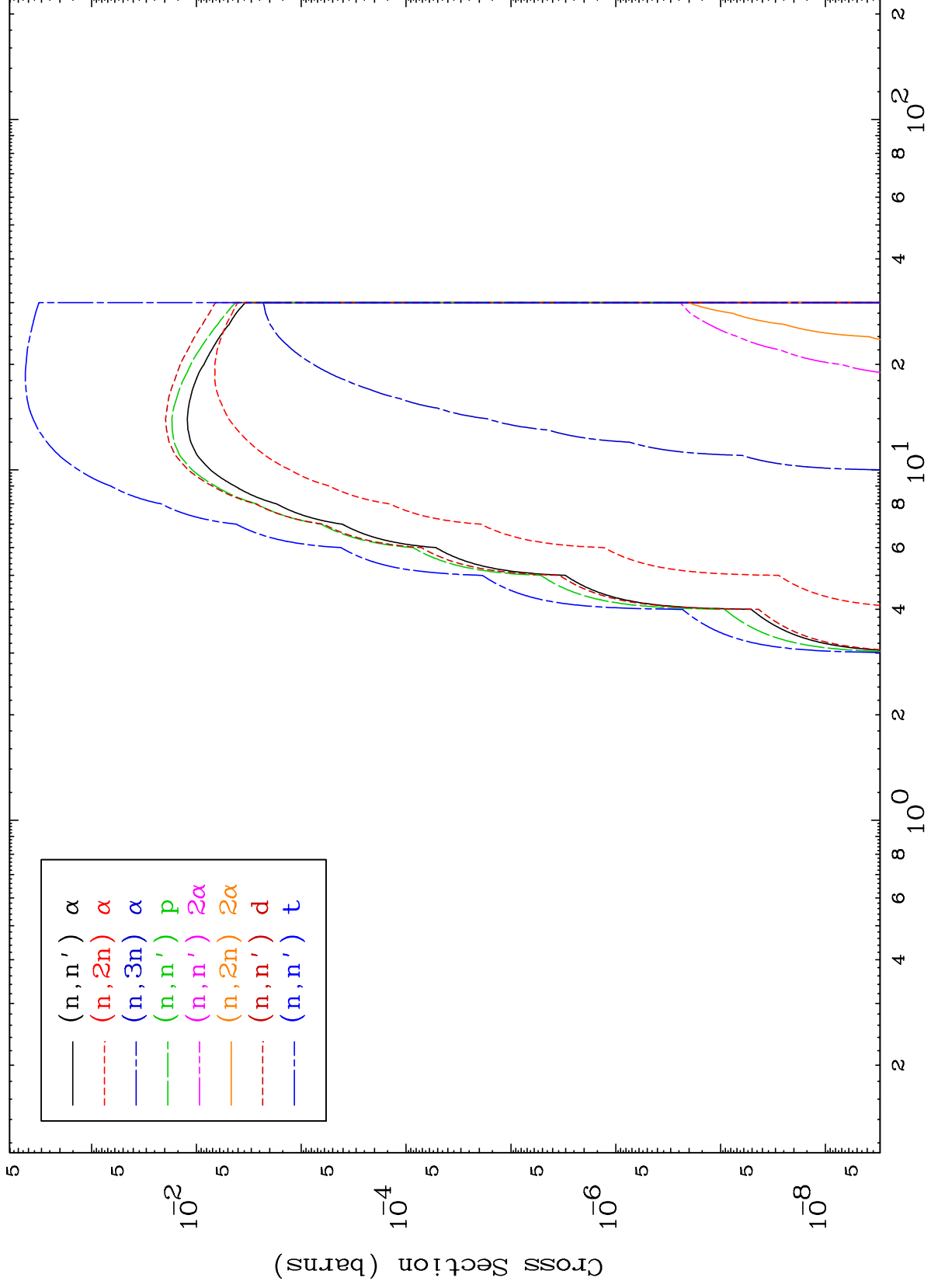


27-Co-68m

MAT 2753

He-3 Charged Particle  
0 Kelvin Cross Sections

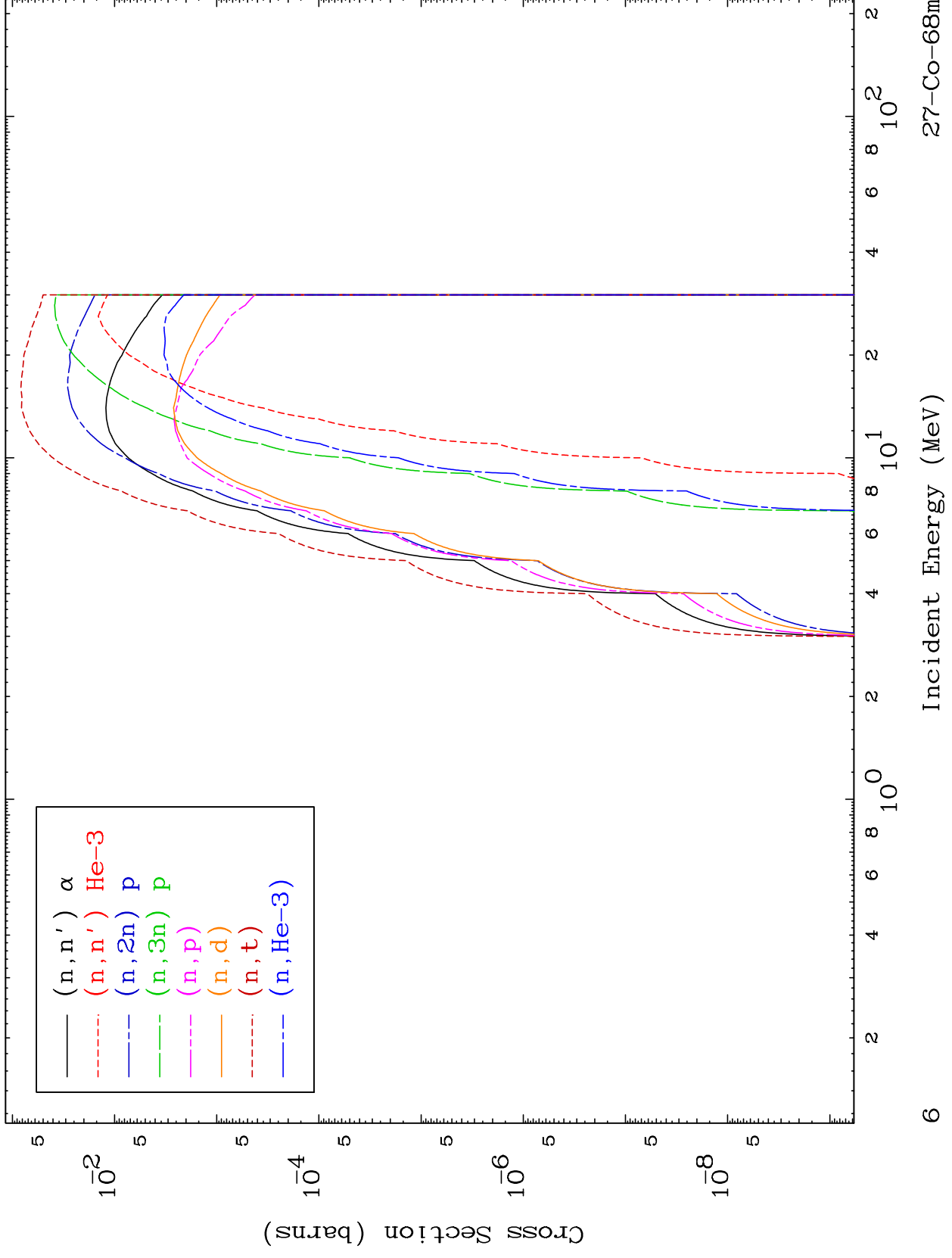
27-Co-68m



MAT 2753

He-3 Charged Particle  
0 Kelvin Cross Sections

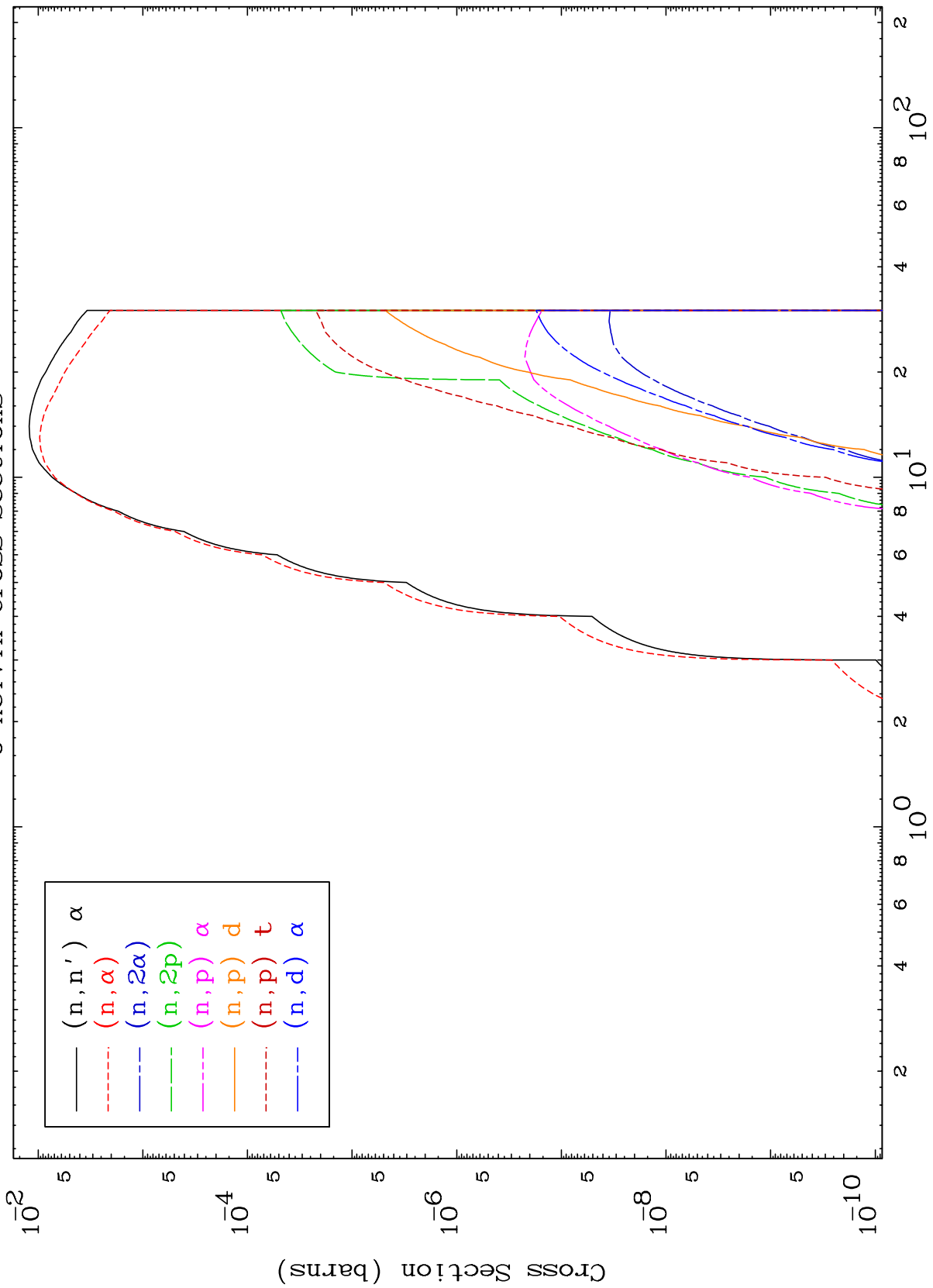
27-Co-68m



MAT 2753

He-3 Charged Particle  
0 Kelvin Cross Sections

27-Co-68m



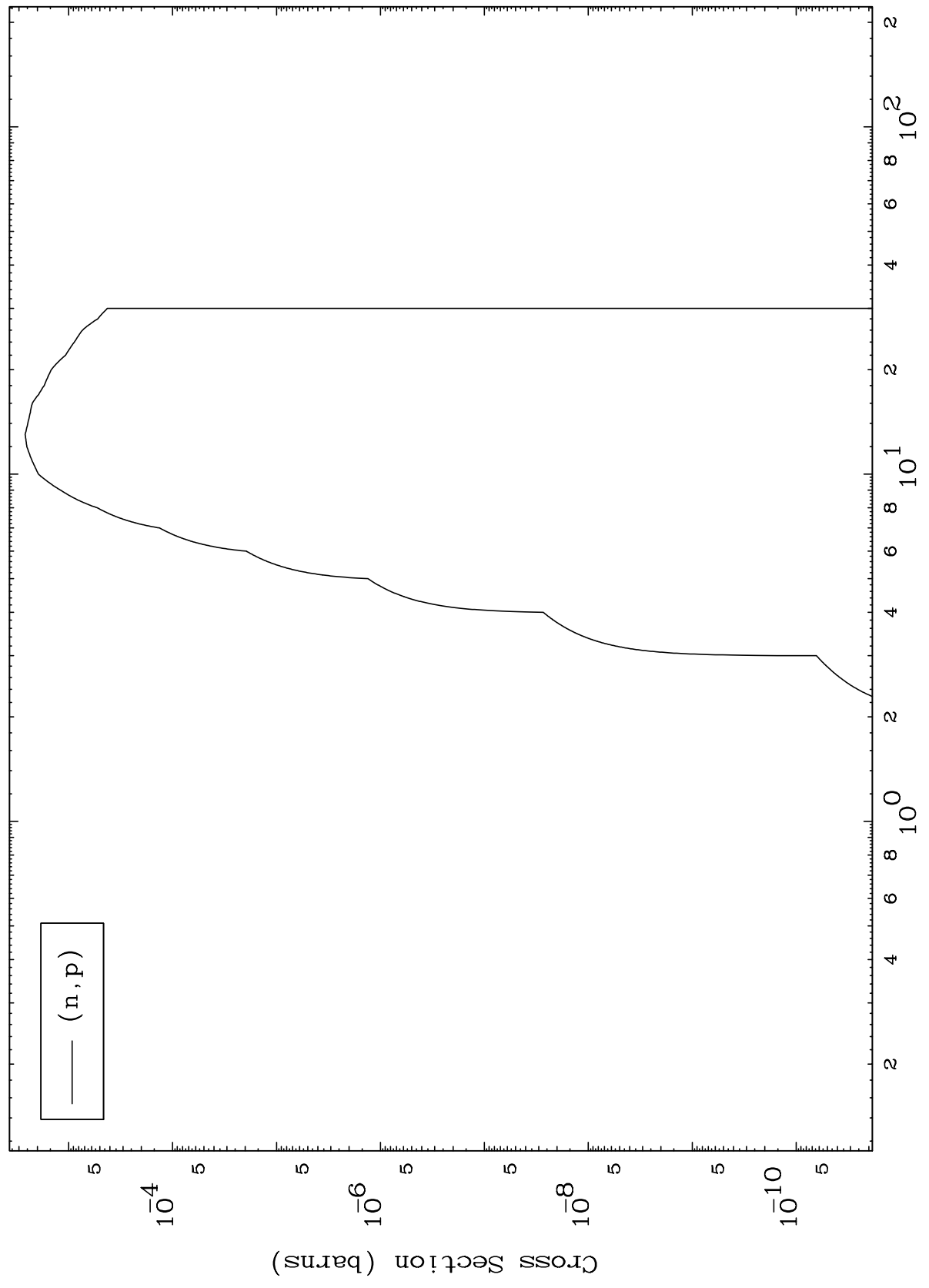
27-Co-68m

MAT 2753

(He-3,p) Levels

27-Co-68m

0 Kelvin Cross Sections

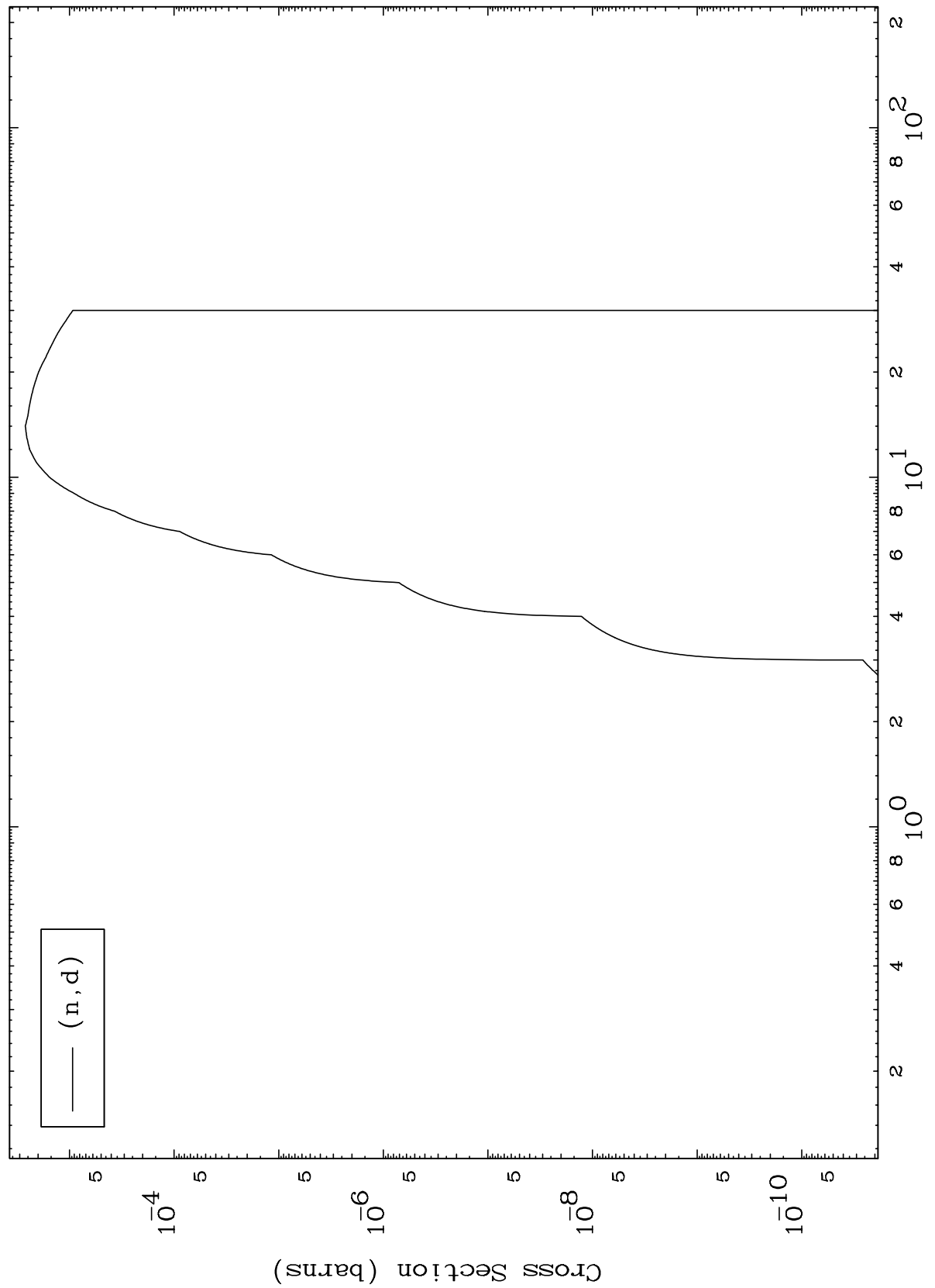


MAT 2753

(He-3,d) Levels

27-Co-68m

0 Kelvin Cross Sections

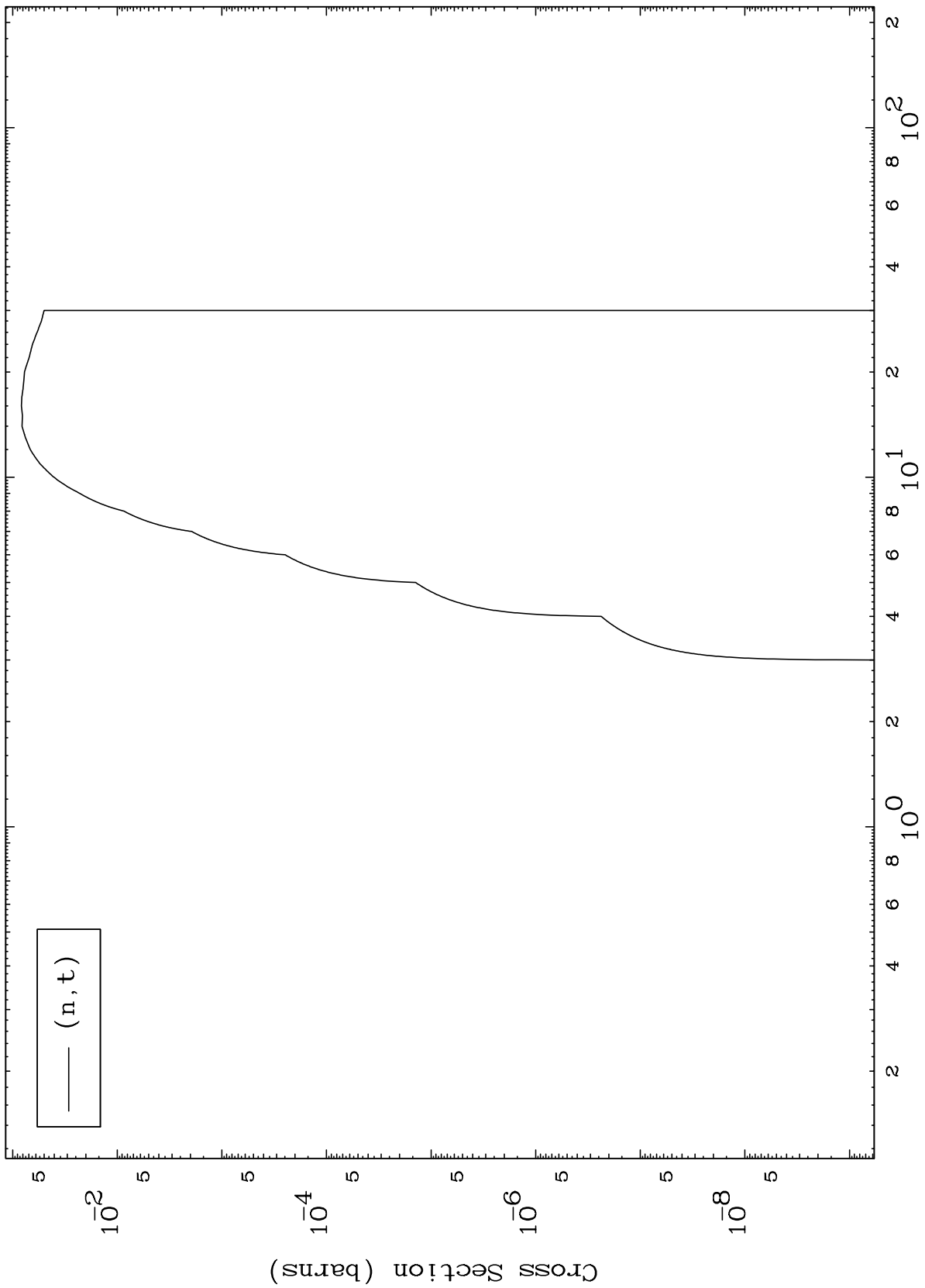


MAT 2753

(He-3,t) Levels

27-Co-68m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

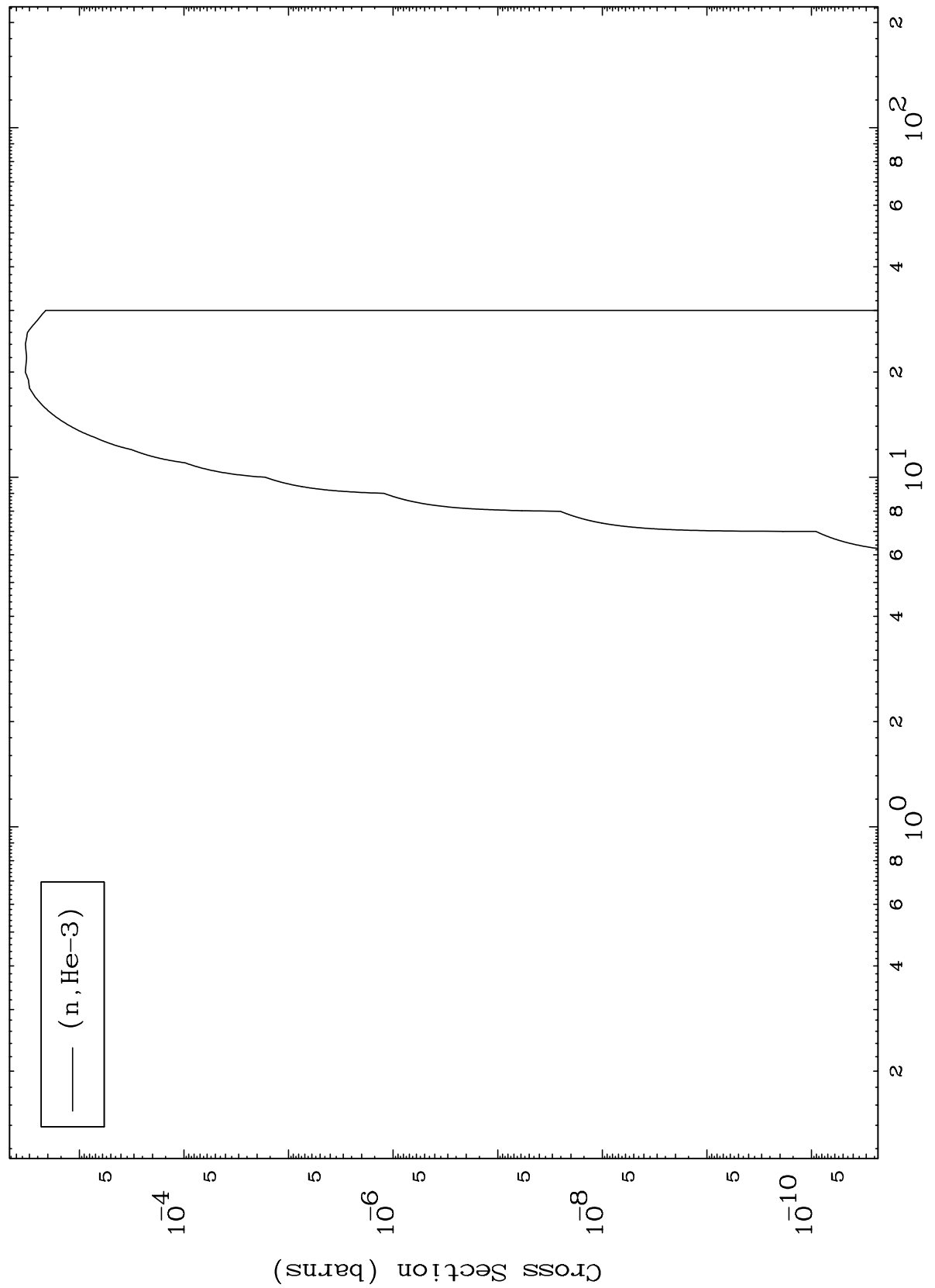
27-Co-68m

MAT 2753

(He-3, He3) Levels

27-Co-68m

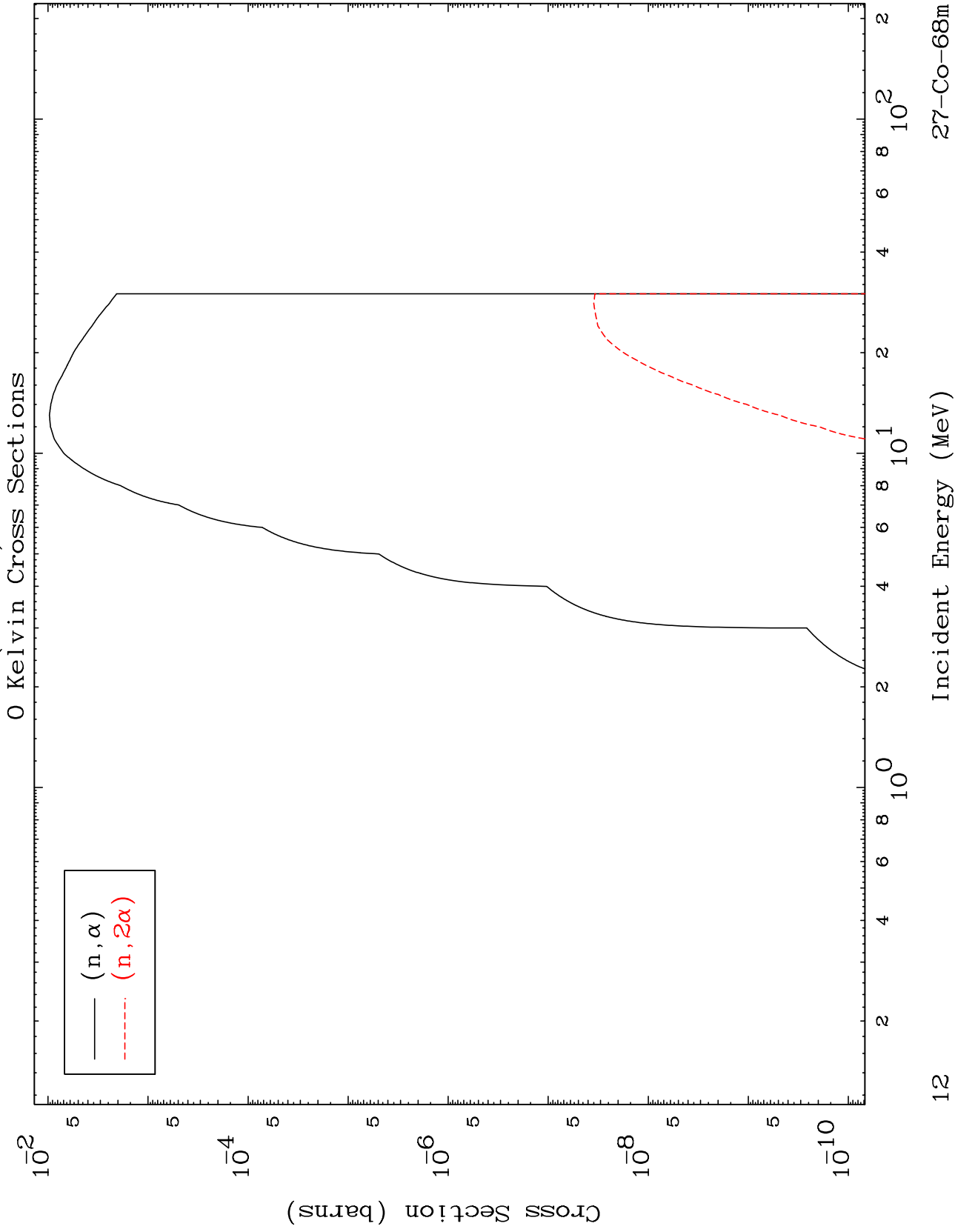
0 Kelvin Cross Sections



MAT 2753

(He-3,  $\alpha$ ) Levels

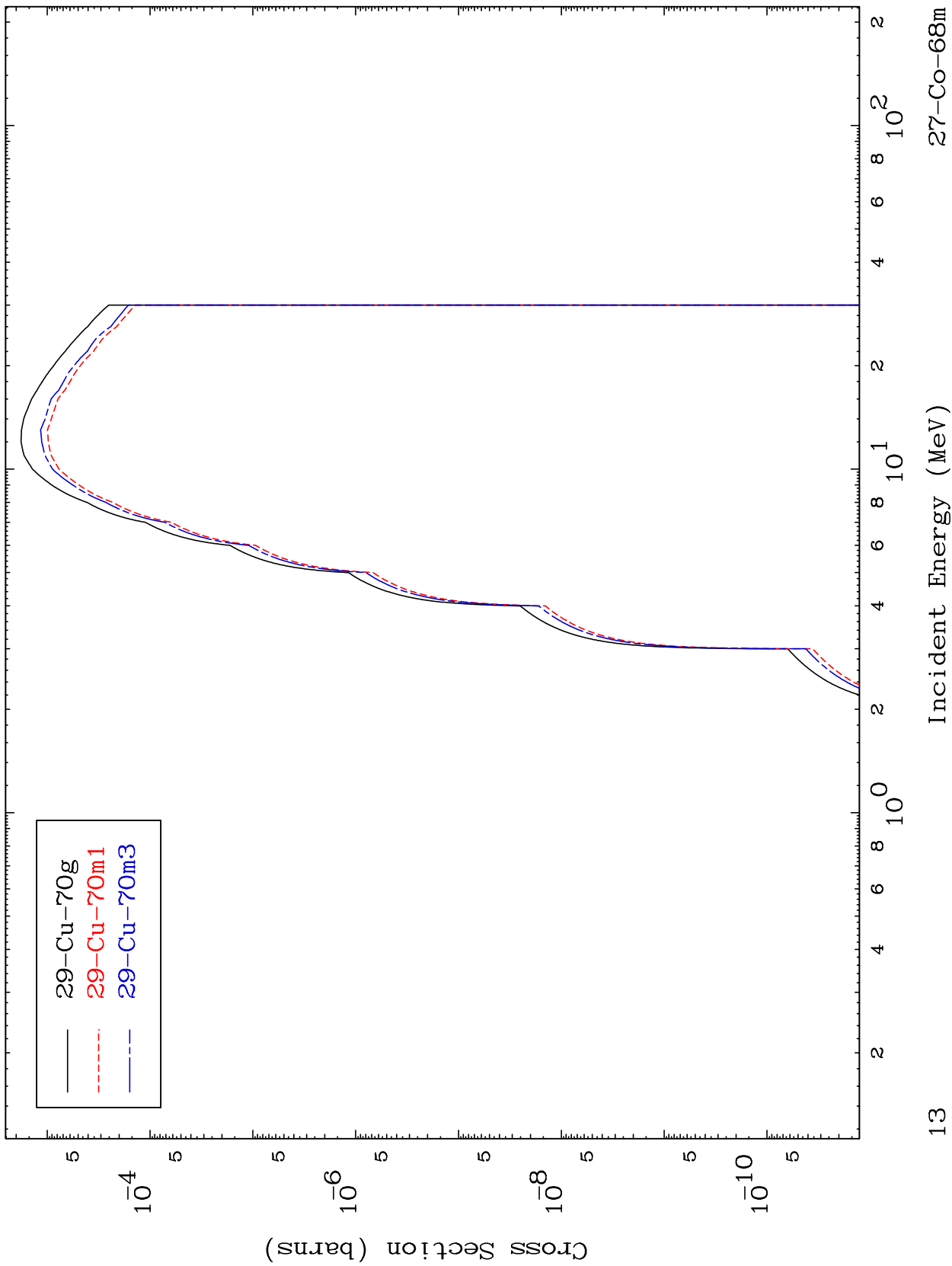
27-Co-68m



MAT 2753

<sup>27</sup>Co-68m

### Inelastic Radionuclide Production Cross Section



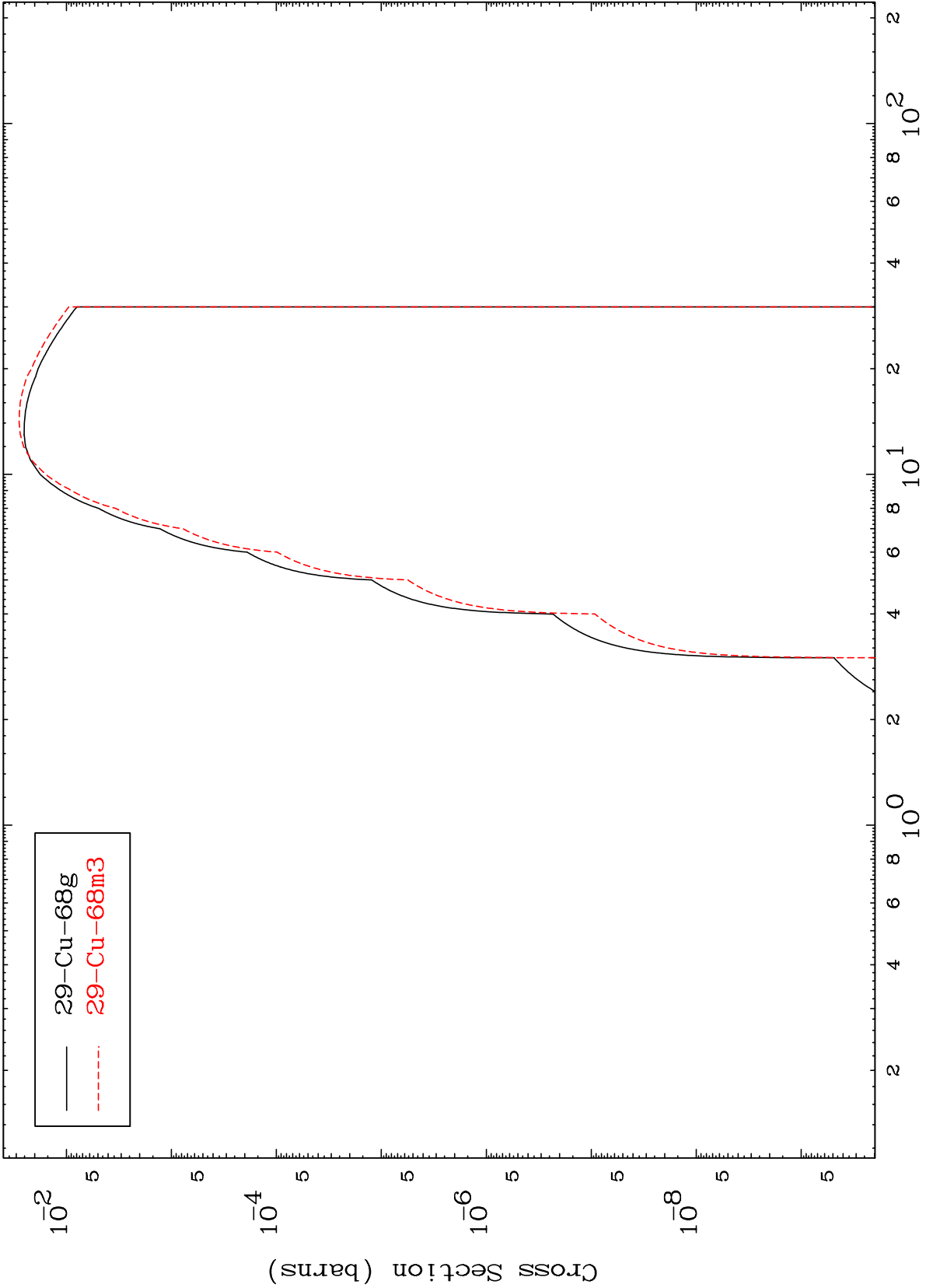
<sup>27</sup>Co-68m

MAT 2753

(n, 3n)

27-Co-68m

Radionuclide Production Cross Section

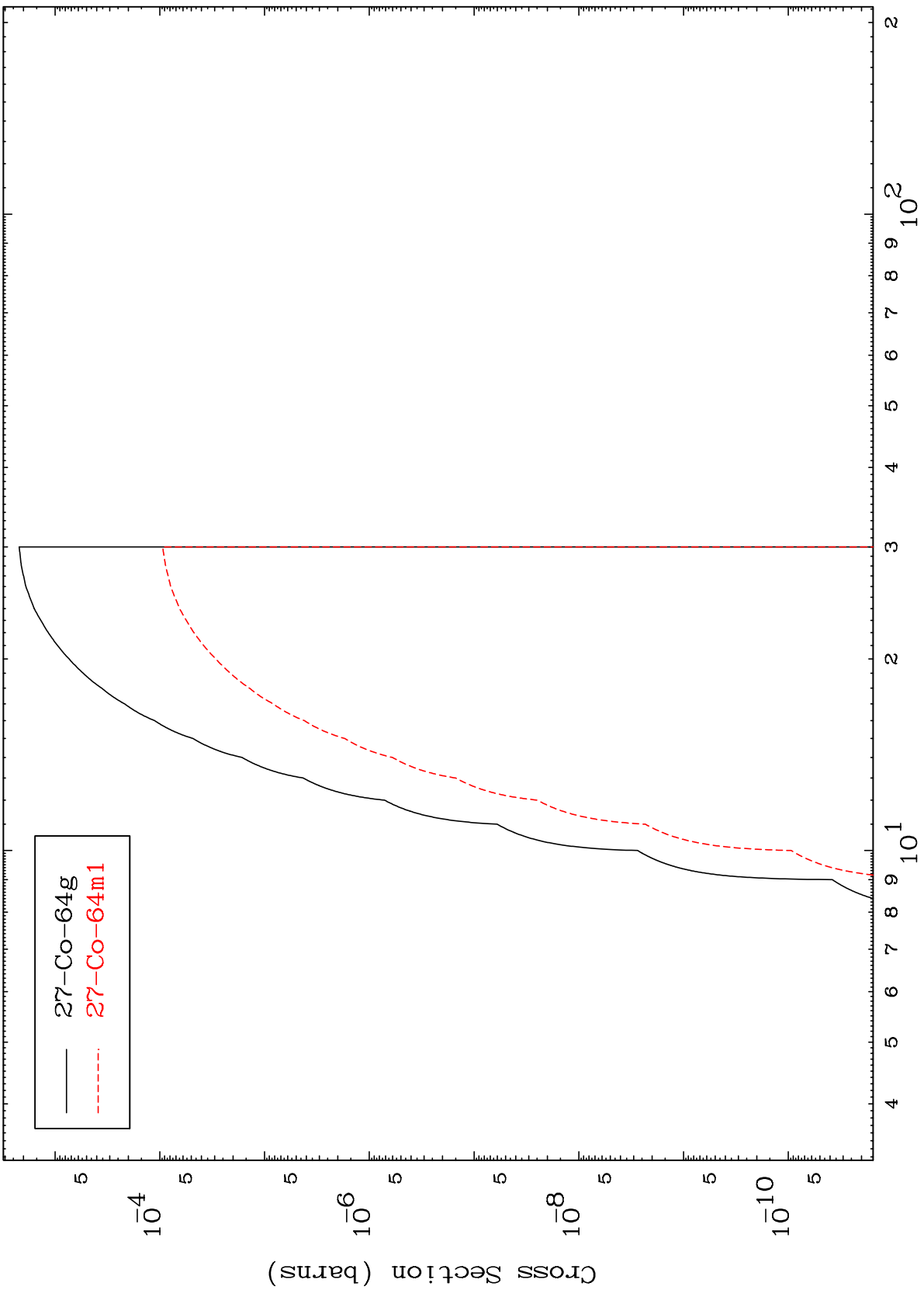


MAT 2753

$(n,3n) \alpha$

$^{27}\text{Co-68m}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

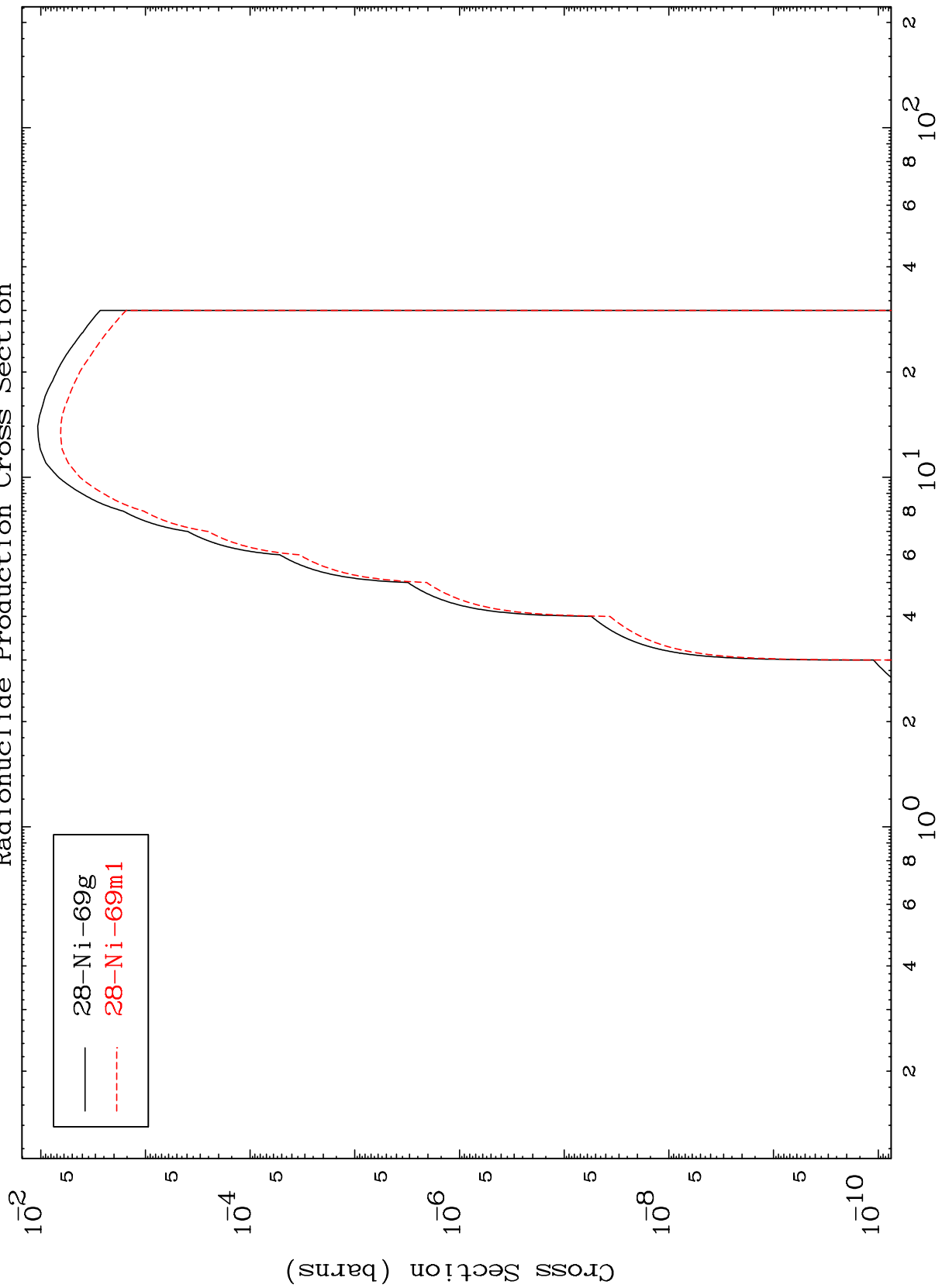
$^{27}\text{Co-68m}$

MAT 2753

(n,n') p

27-Co-68m

Radionuclide Production Cross Section



— 28-Ni-69g  
- - - 28-Ni-69m1

16

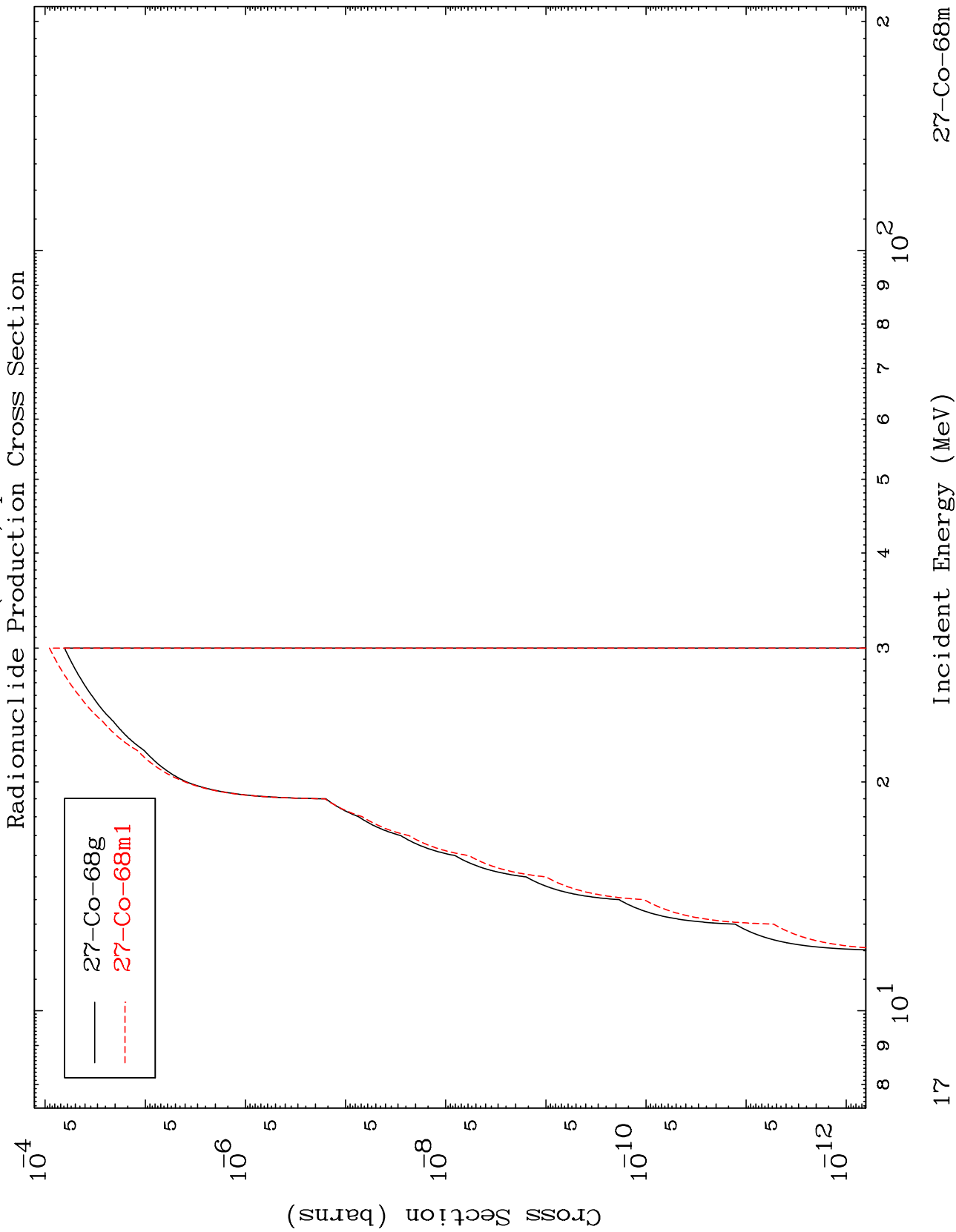
Incident Energy (MeV)

27-Co-68m

MAT 2753

(n,2n) p

<sup>27</sup>Co-68m

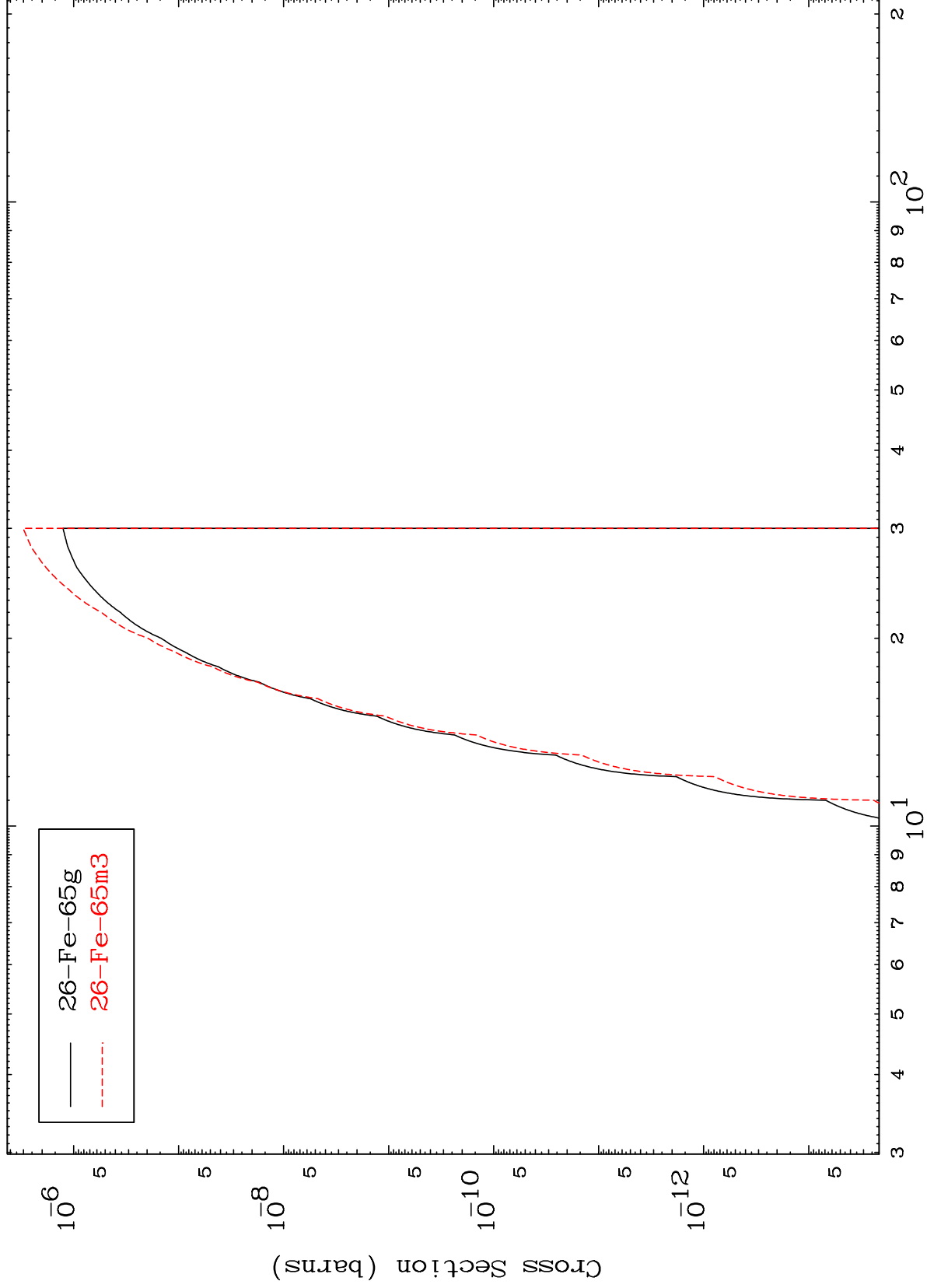


MAT 2753

(n,n') p  $\alpha$

27-Co-68m

Radionuclide Production Cross Section



— 26-Fe-65g  
- - - 26-Fe-65m3

18

Incident Energy (MeV)

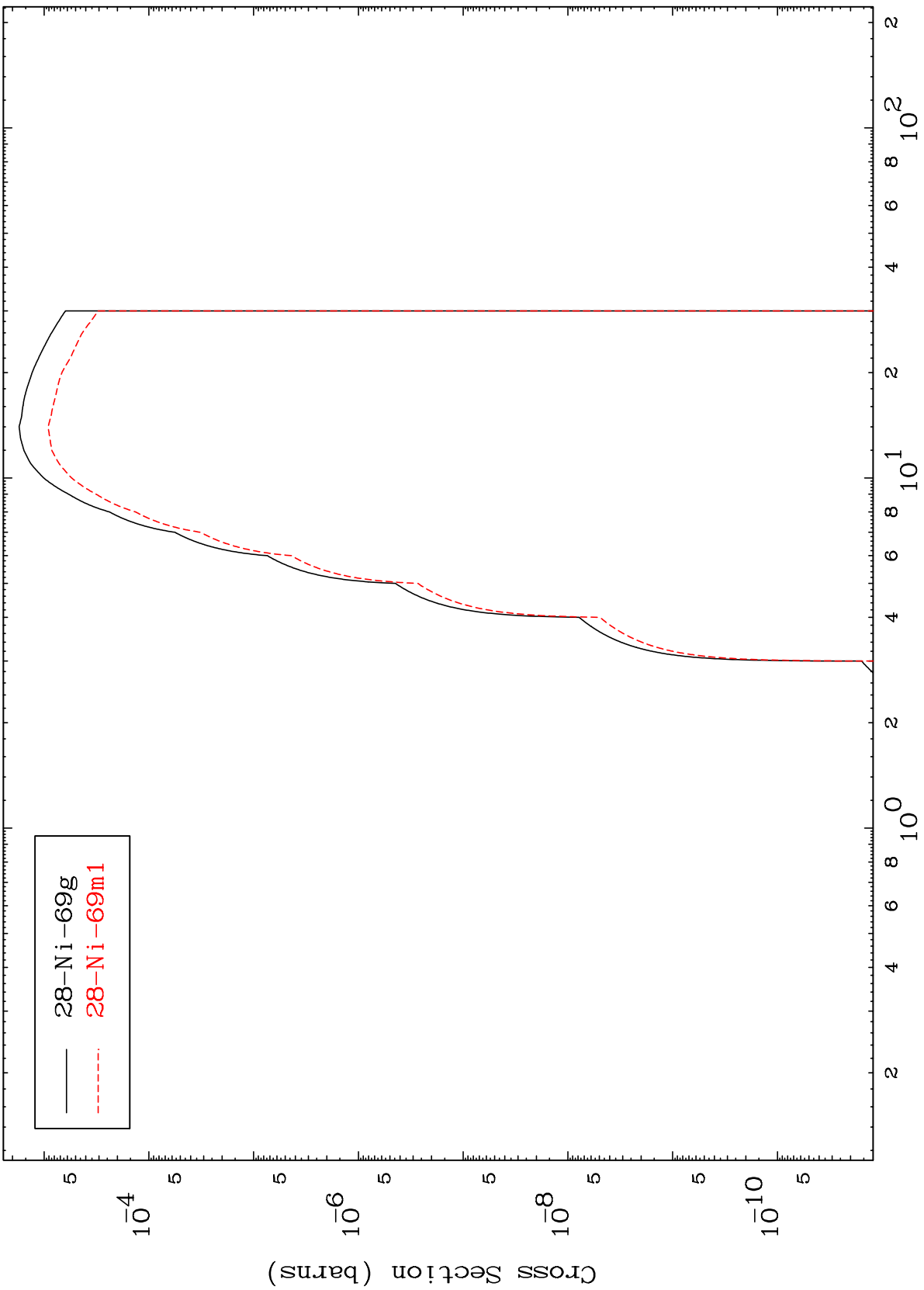
27-Co-68m

MAT 2753

(n,d)

27-Co-68m

Radionuclide Production Cross Section



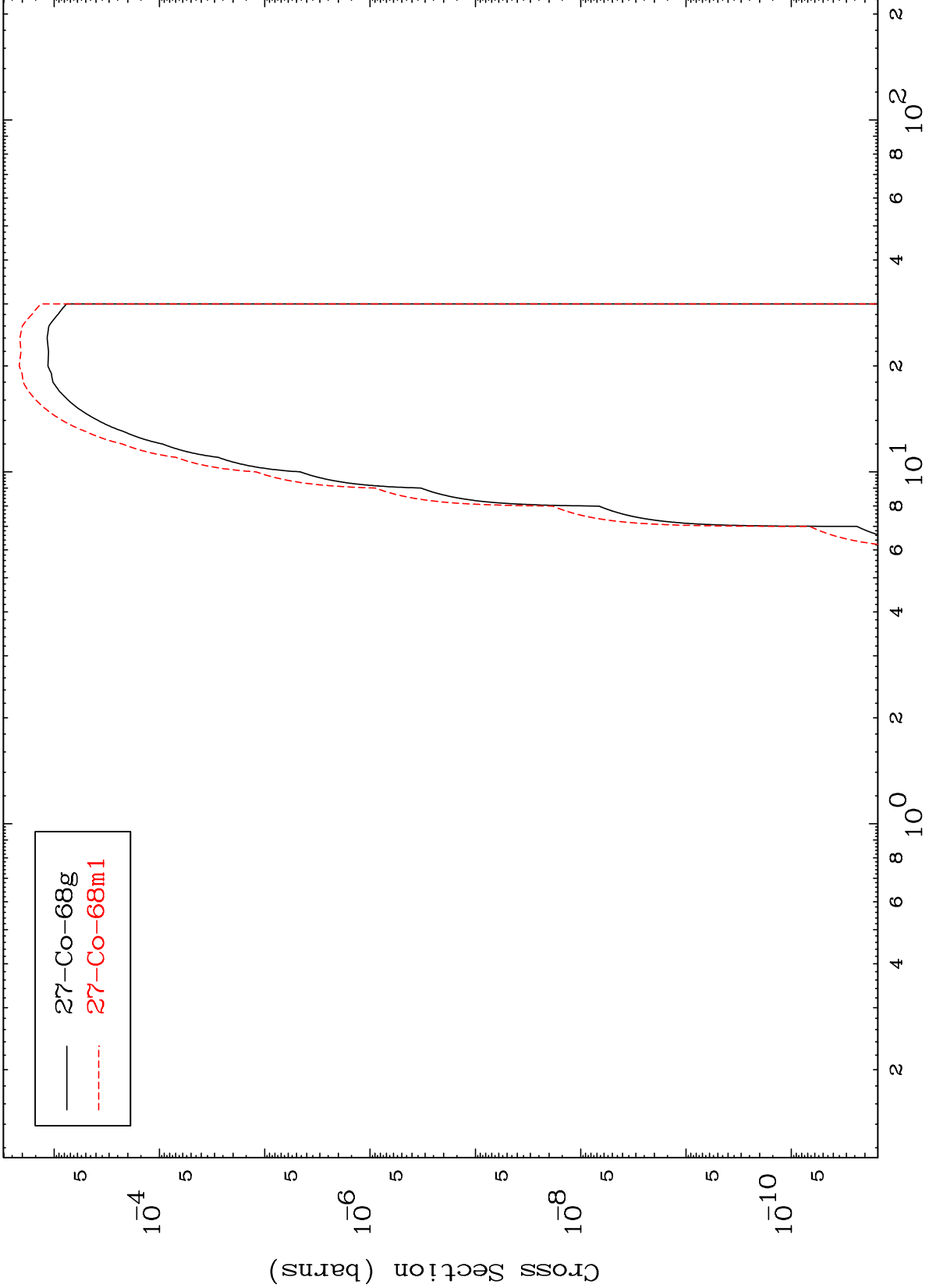
Legend:  
— 28-Ni-69g  
- - - 28-Ni-69m1

MAT 2753

(n,He-3)

27-Co-68m

Radionuclide Production Cross Section



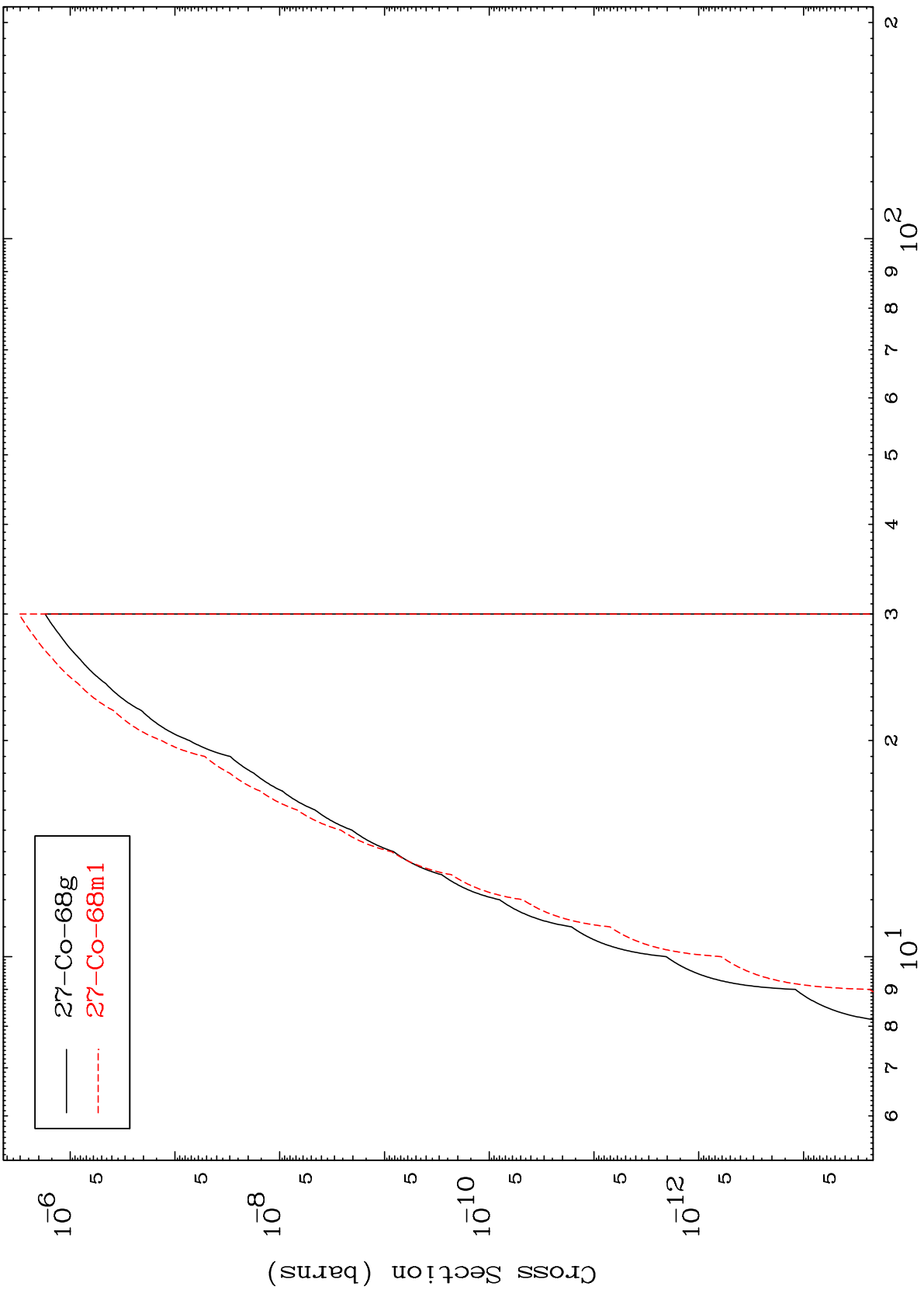
Legend:  
— 27-Co-68g  
- - - 27-Co-68m1

MAT 2753

(n,p) d

<sup>27</sup>Co-68m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

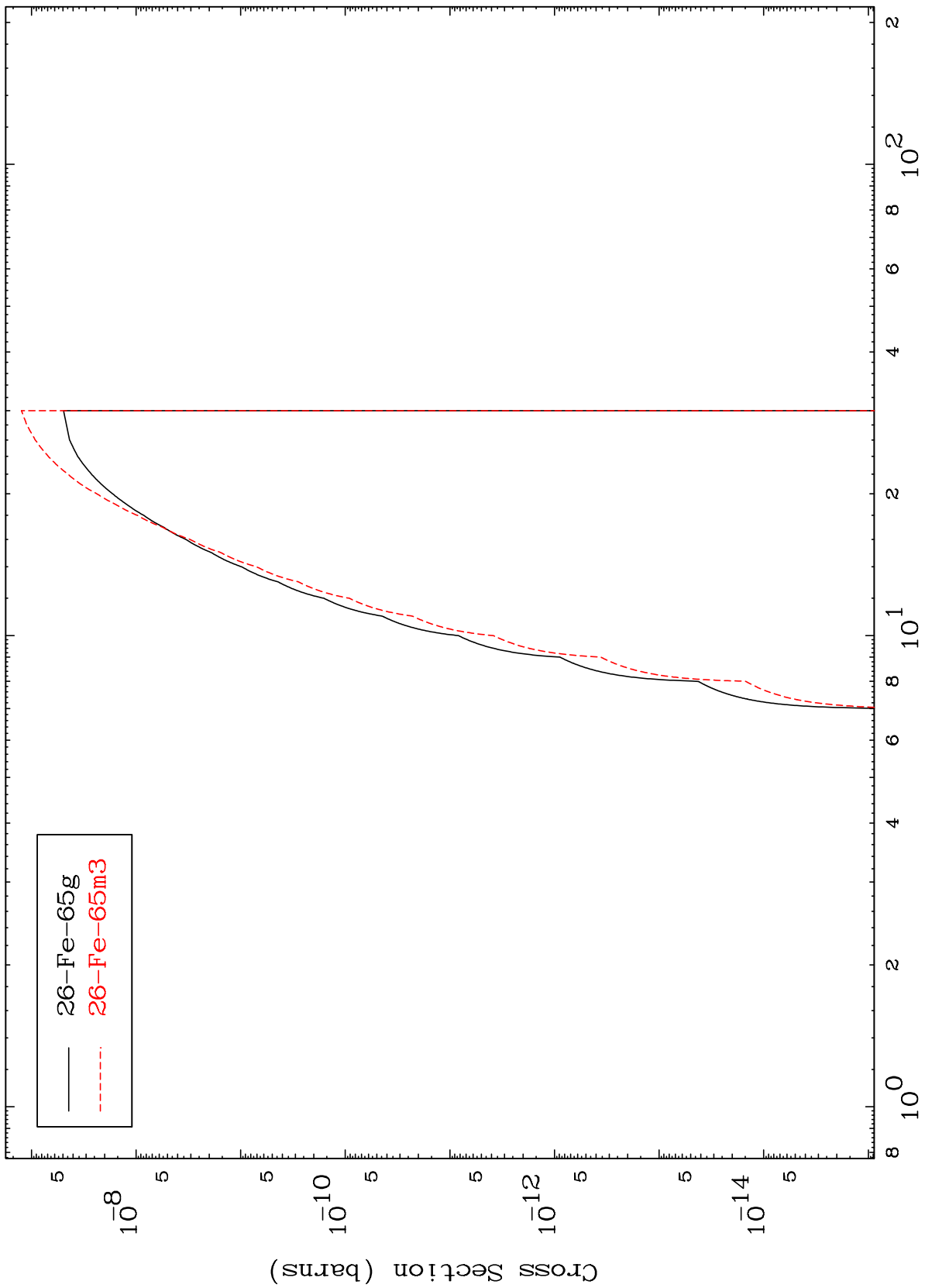
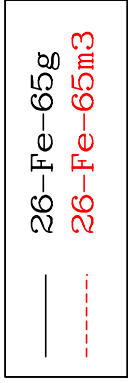
<sup>27</sup>Co-68m

MAT 2753

(n,d)  $\alpha$

27-Co-68m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

27-Co-68m