

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

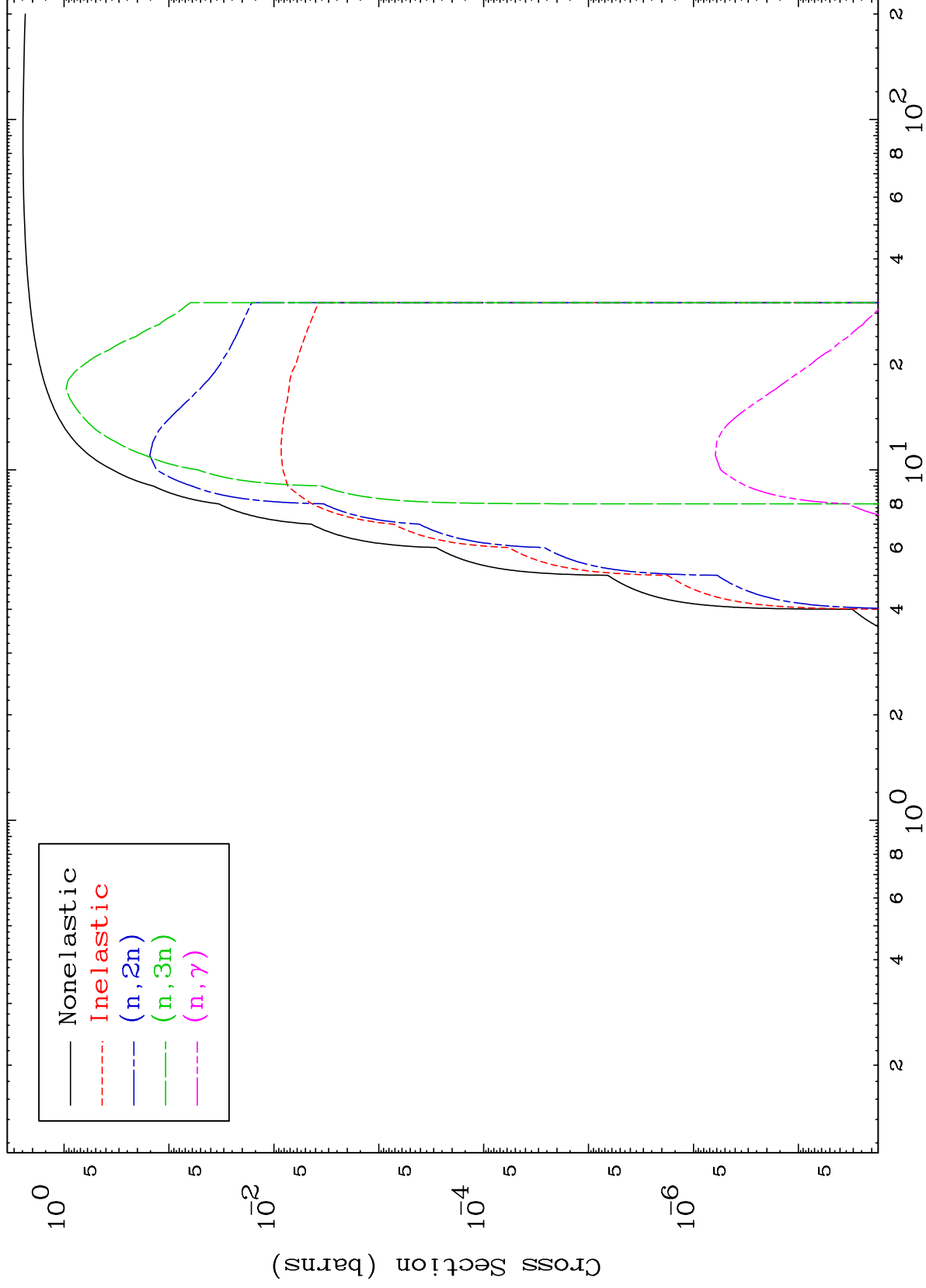
Press Mouse Button to Start

MAT 7052

Triton Major

70-Yb-177

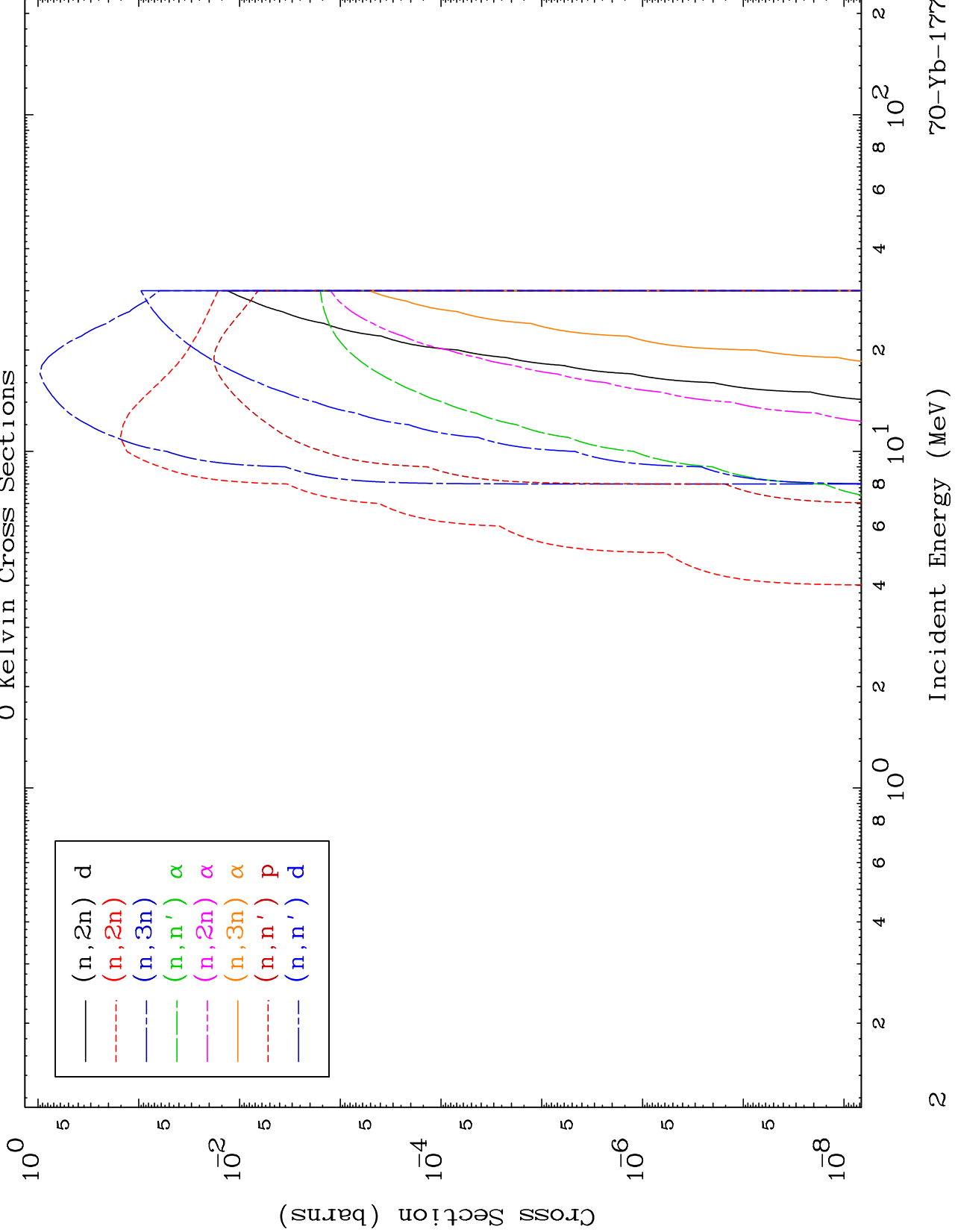
0 Kelvin Cross Sections



MAT 7052

Triton Neutron Absorption  
0 Kelvin Cross Sections

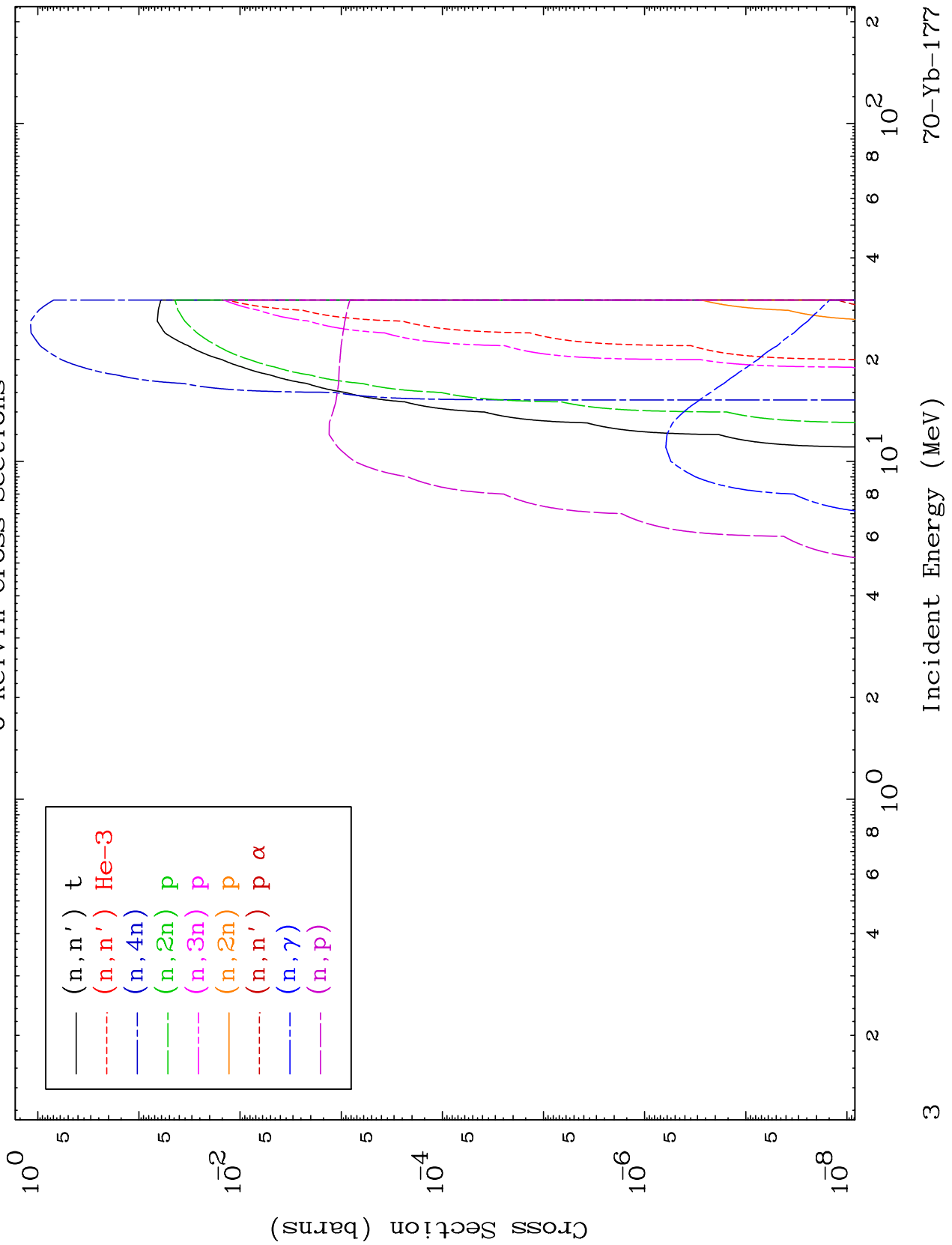
70-Yb-177



MAT 7052

Triton Neutron Absorption  
0 Kelvin Cross Sections

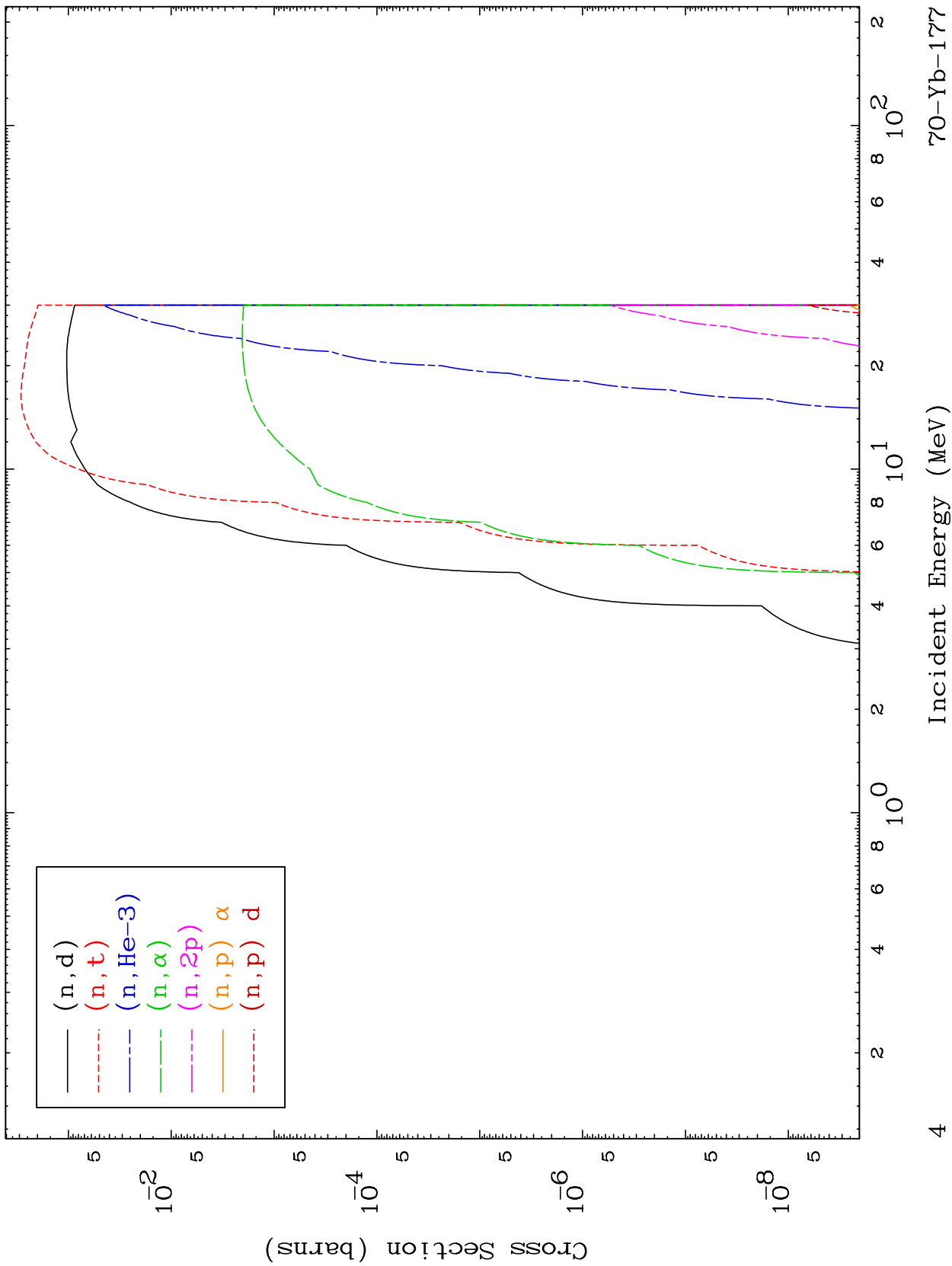
70-Yb-177



MAT 7052

Triton Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-177

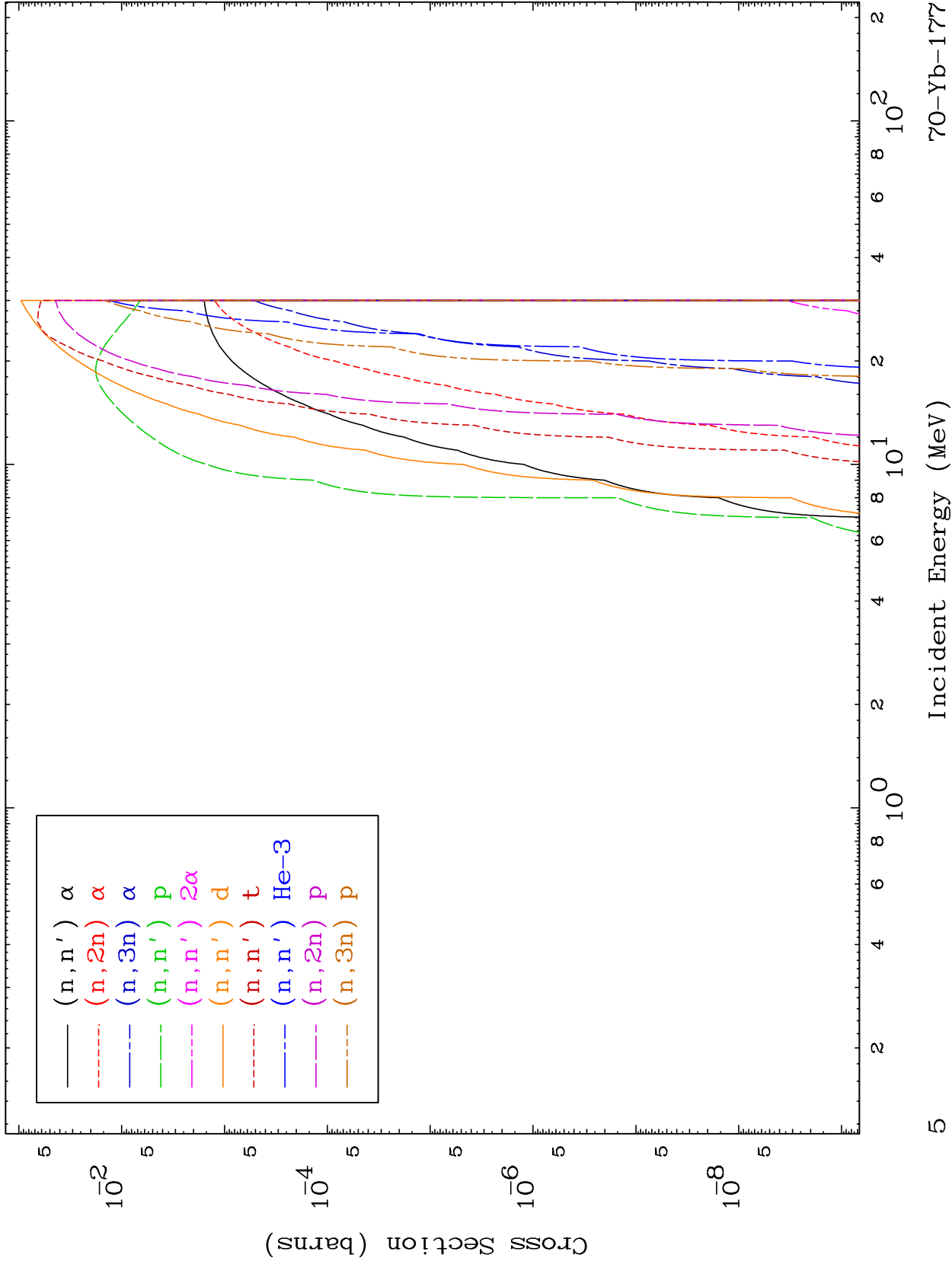


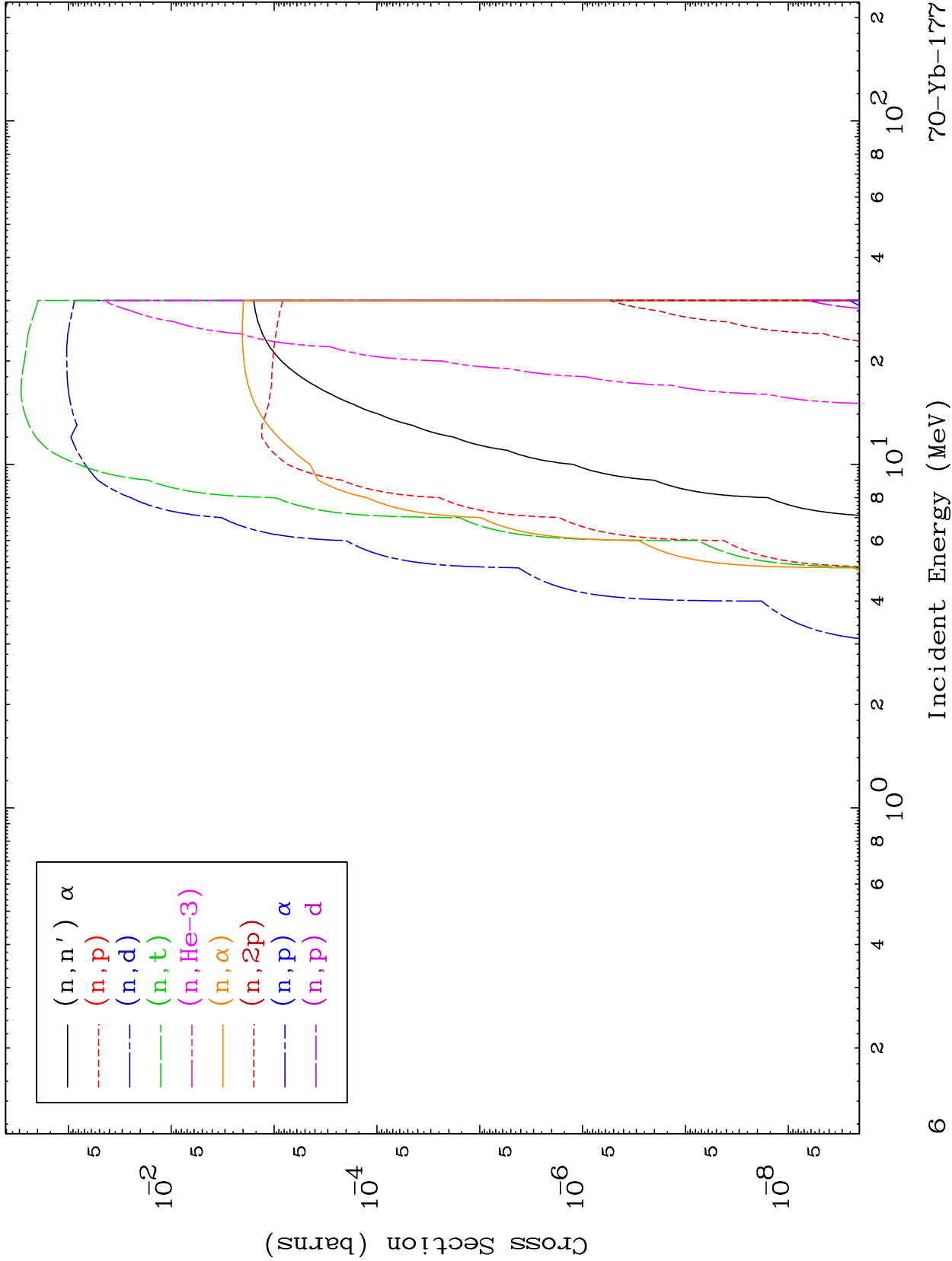
70-Yb-177

MAT 7052

Triton Charged Particle  
0 Kelvin Cross Sections

70-Yb-177



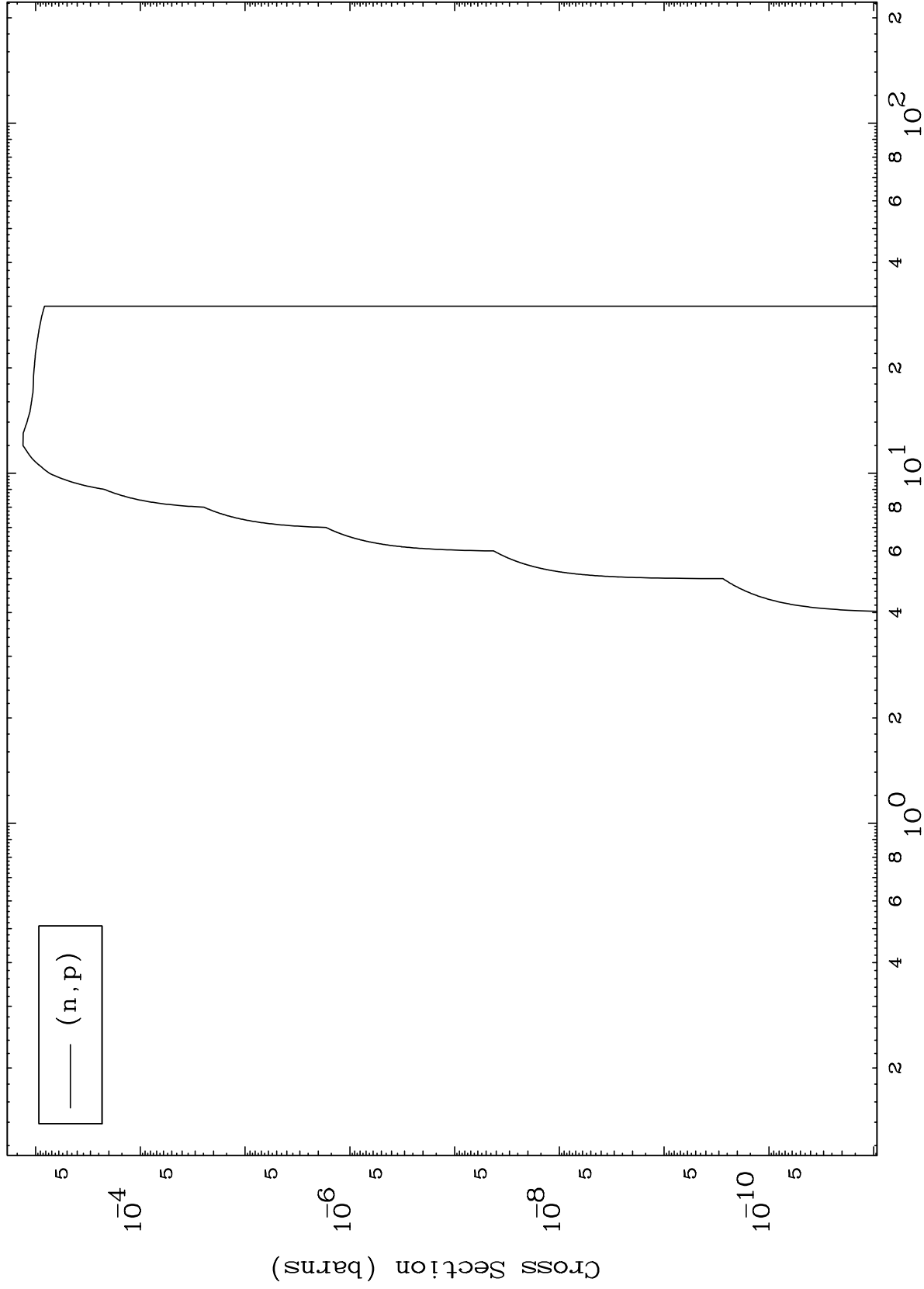


MAT 7052

(t,p) Levels

70-Yb-177

0 Kelvin Cross Sections

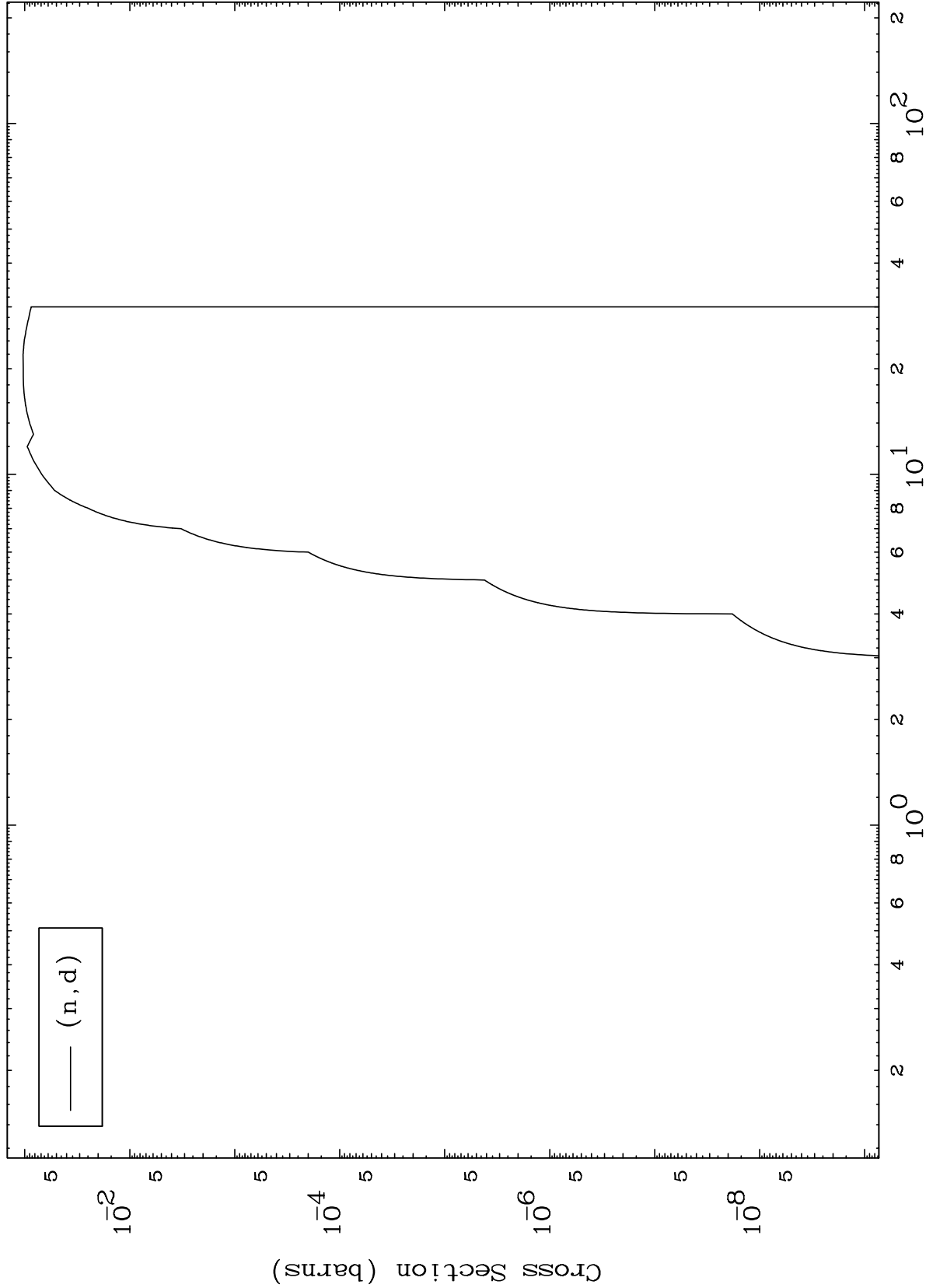


MAT 7052

(t, d) Levels

70-Yb-177

0 Kelvin Cross Sections

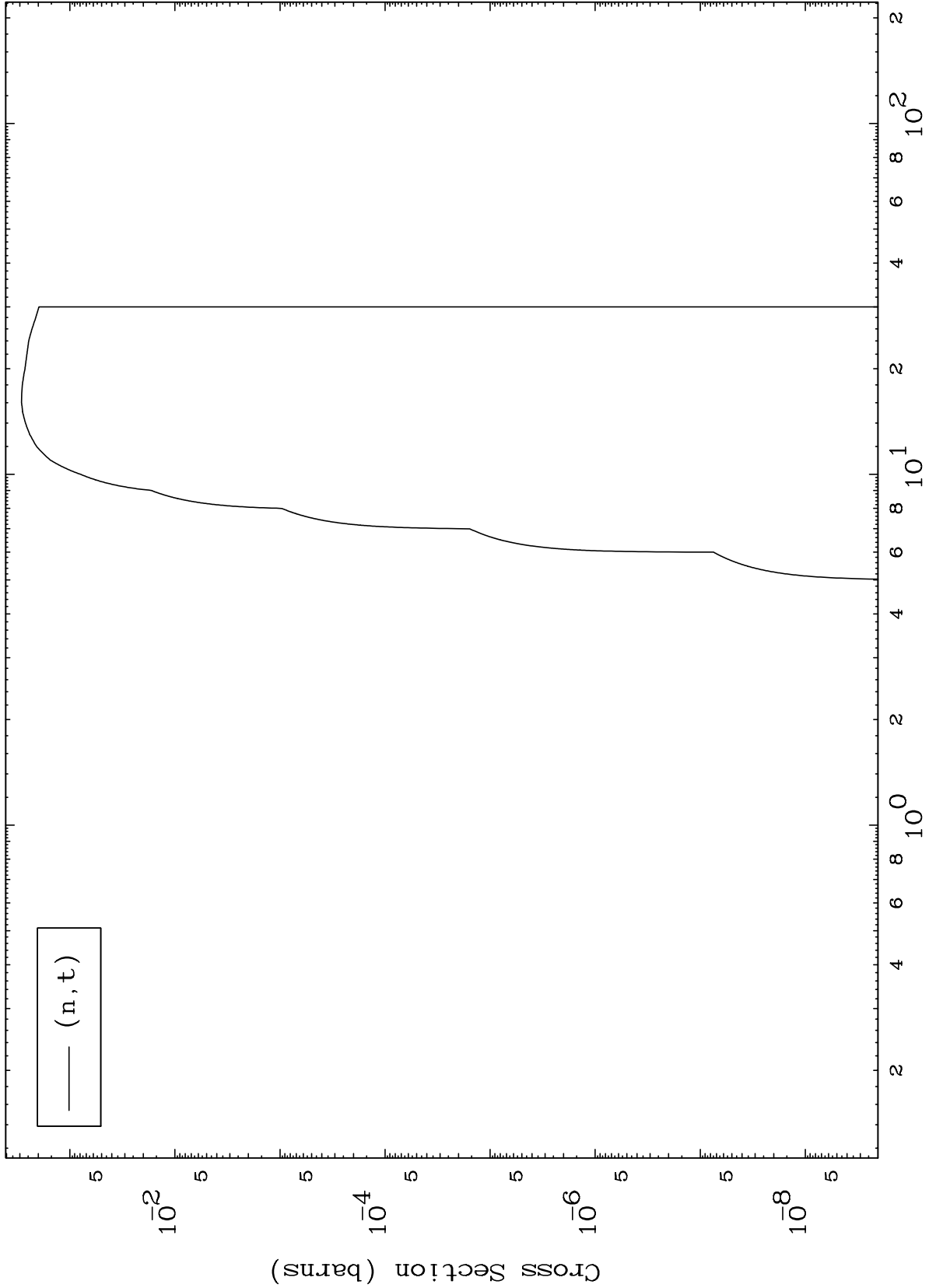


MAT 7052

(t, t) Levels

70-Yb-177

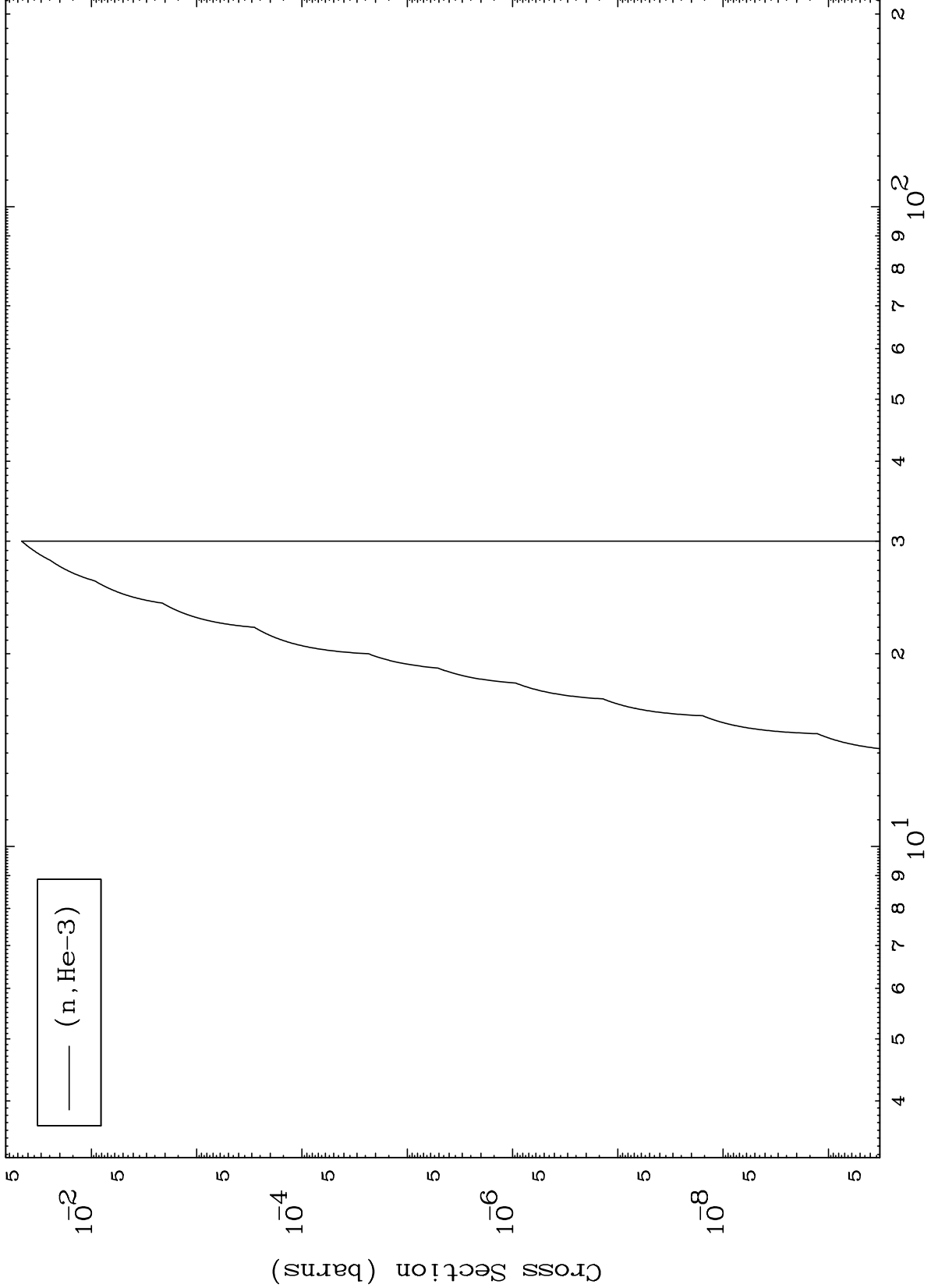
0 Kelvin Cross Sections



MAT 7052

(t,He3) Levels  
0 Kelvin Cross Sections

70-Yb-177



10

Incident Energy (MeV)

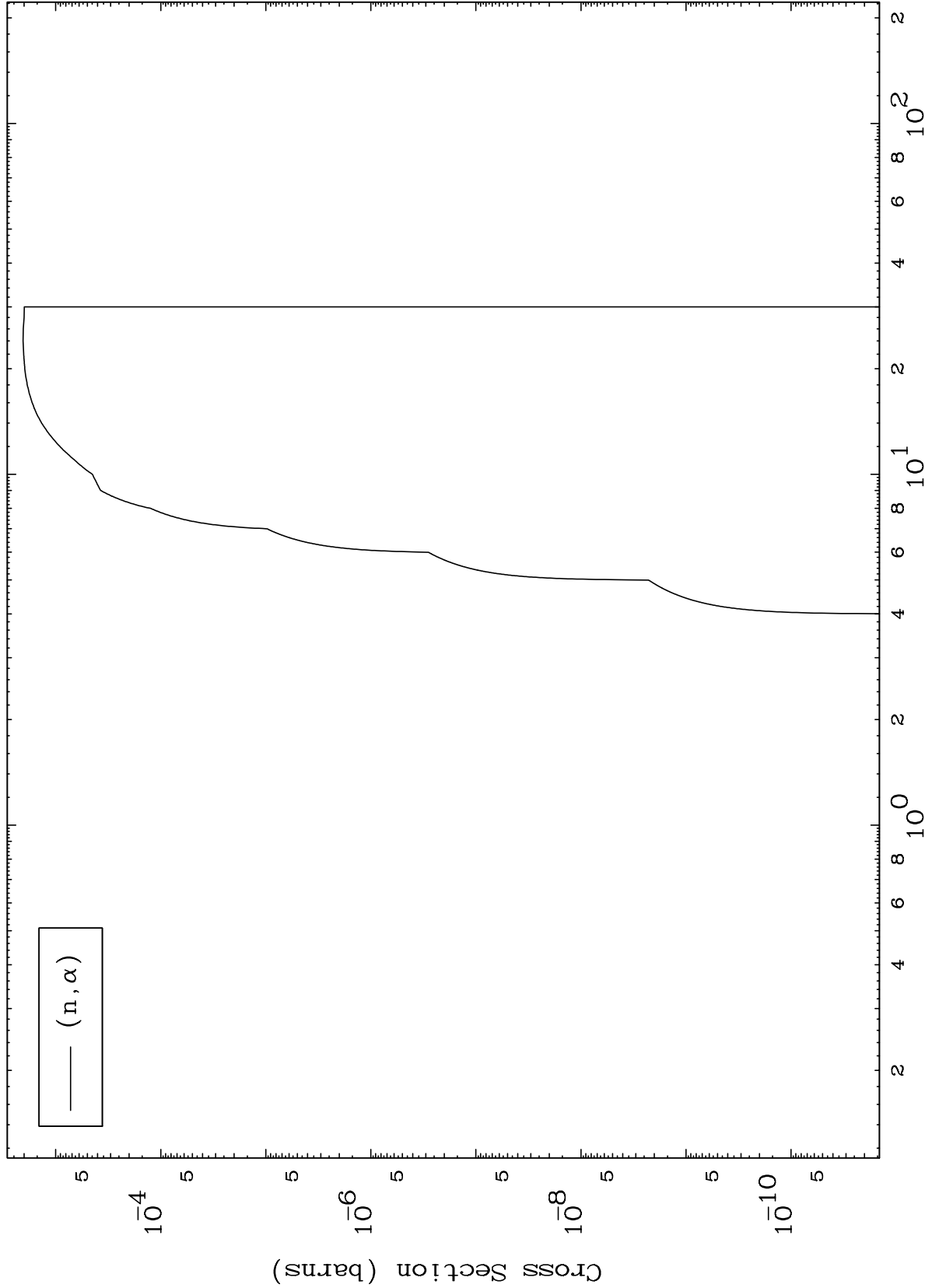
70-Yb-177

MAT 7052

(t,  $\alpha$ ) Levels

70-Yb-177

0 Kelvin Cross Sections

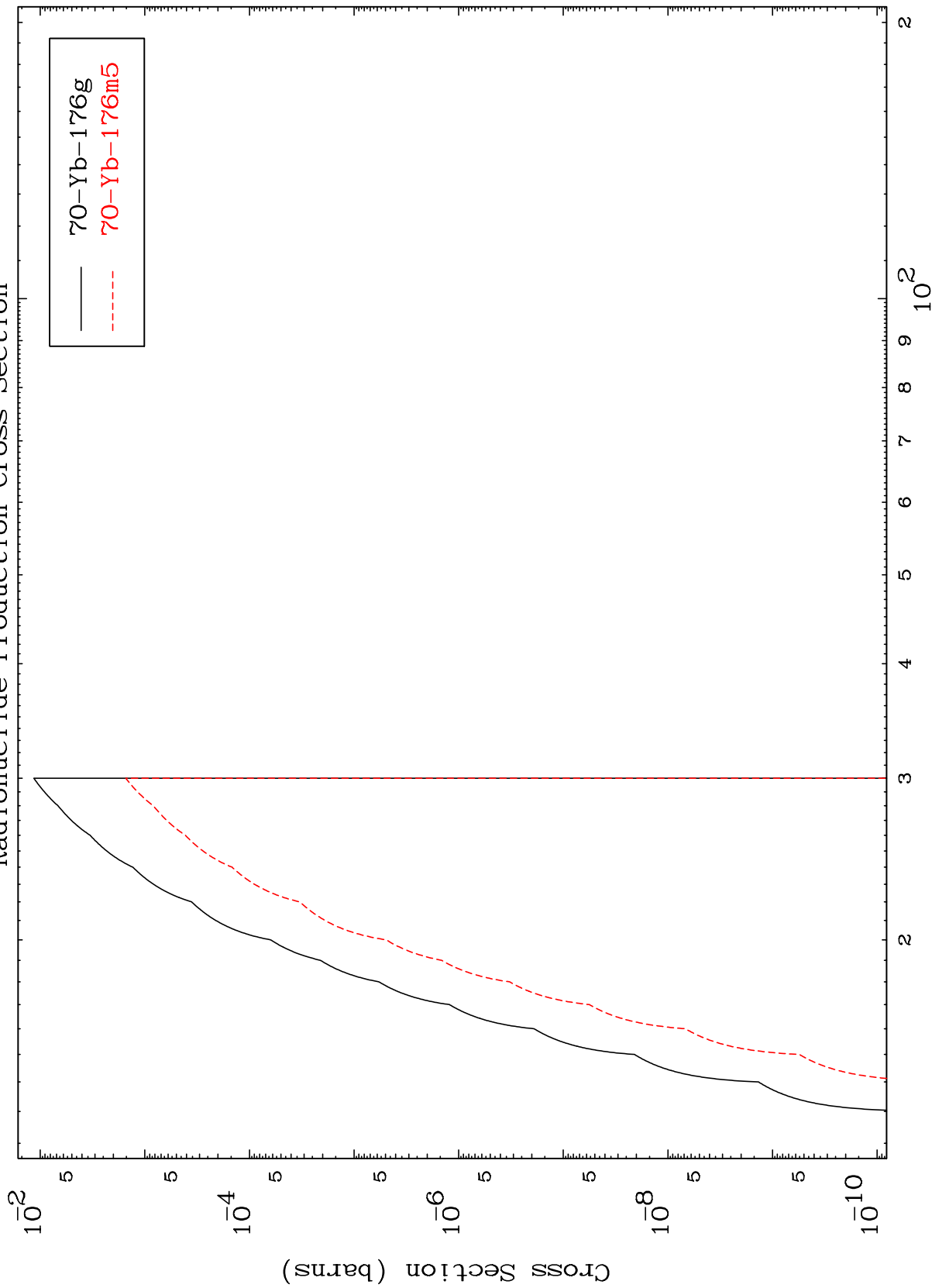


MAT 7052

(n,2n) d

70-Yb-177

Radionuclide Production Cross Section



70-Yb-176g  
70-Yb-176m5

Incident Energy (MeV)

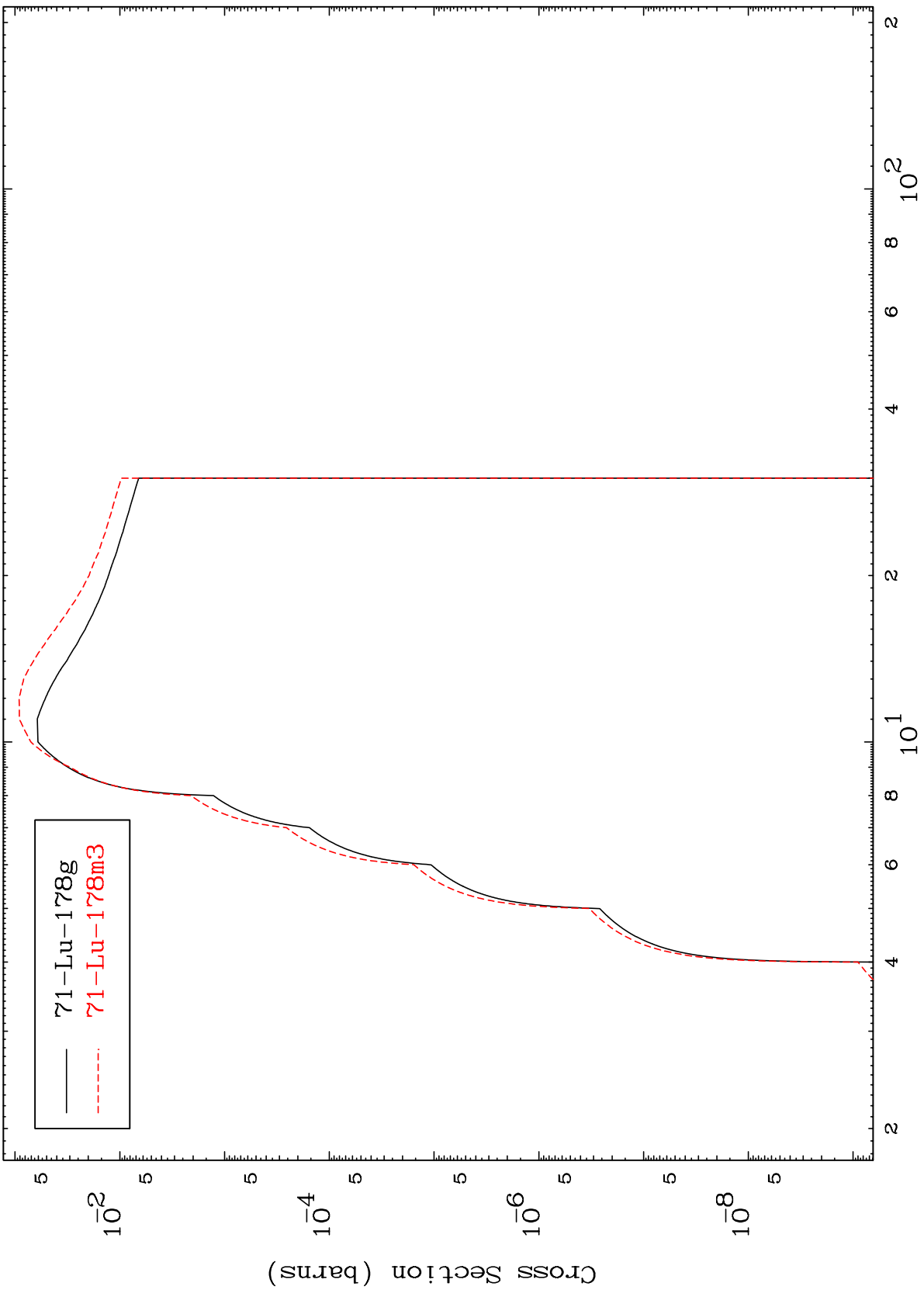
70-Yb-177

12

MAT 7052

70-Yb-177

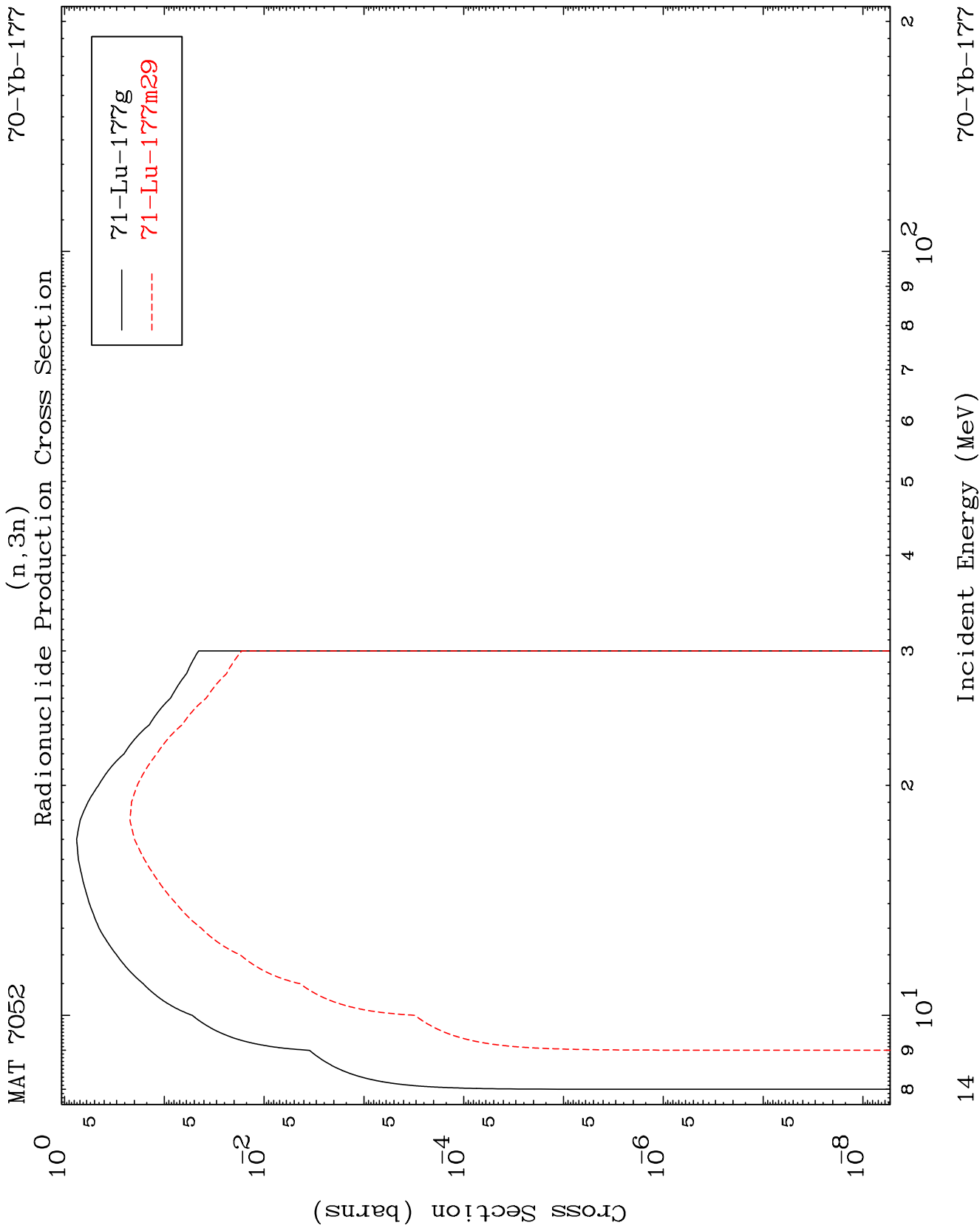
Radionuclide Production Cross Section (n,2n)



13

Incident Energy (MeV)

70-Yb-177

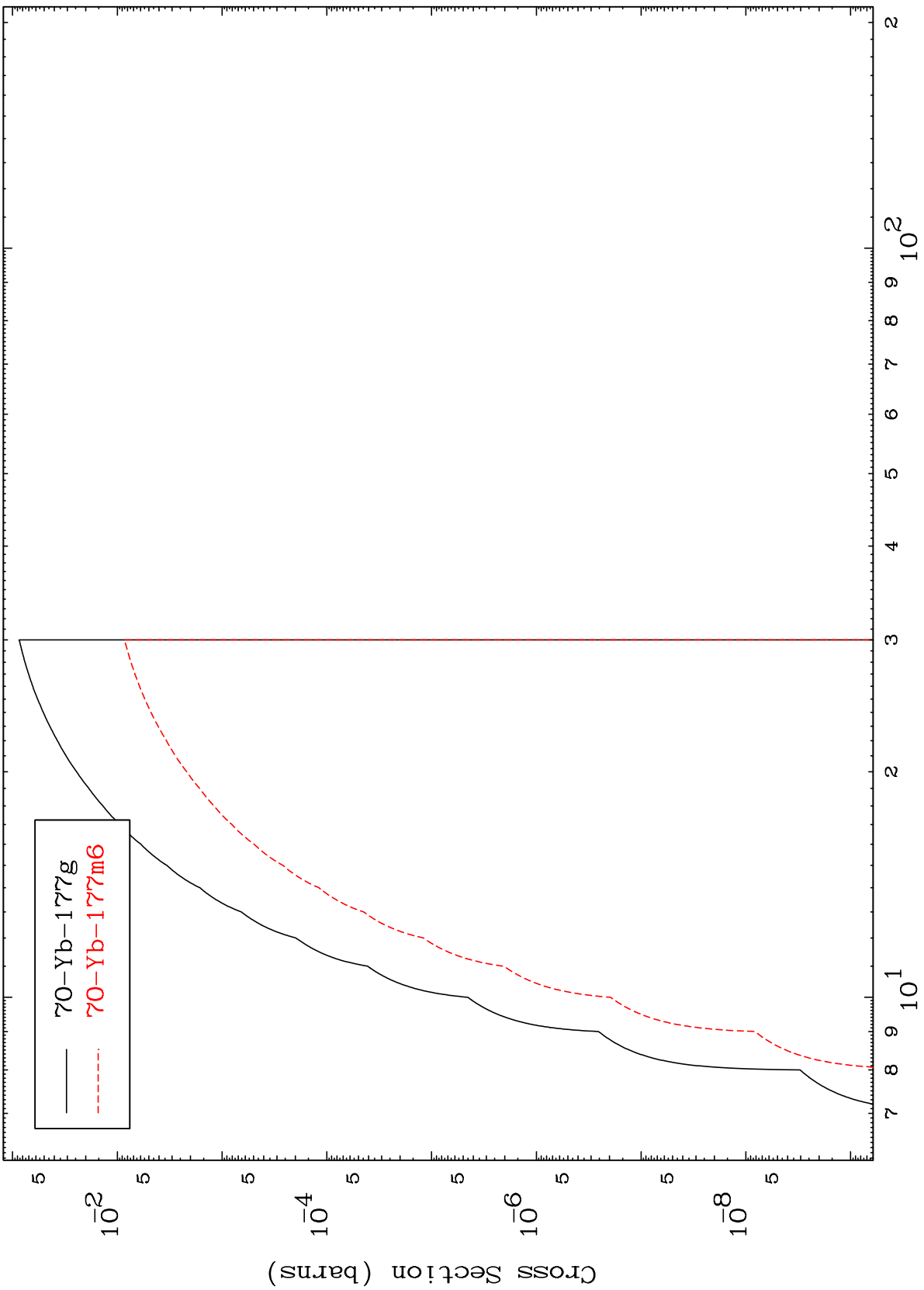


MAT 7052

(n,n') d

<sup>70</sup>Yb-177

Radionuclide Production Cross Section



15

Incident Energy (MeV)

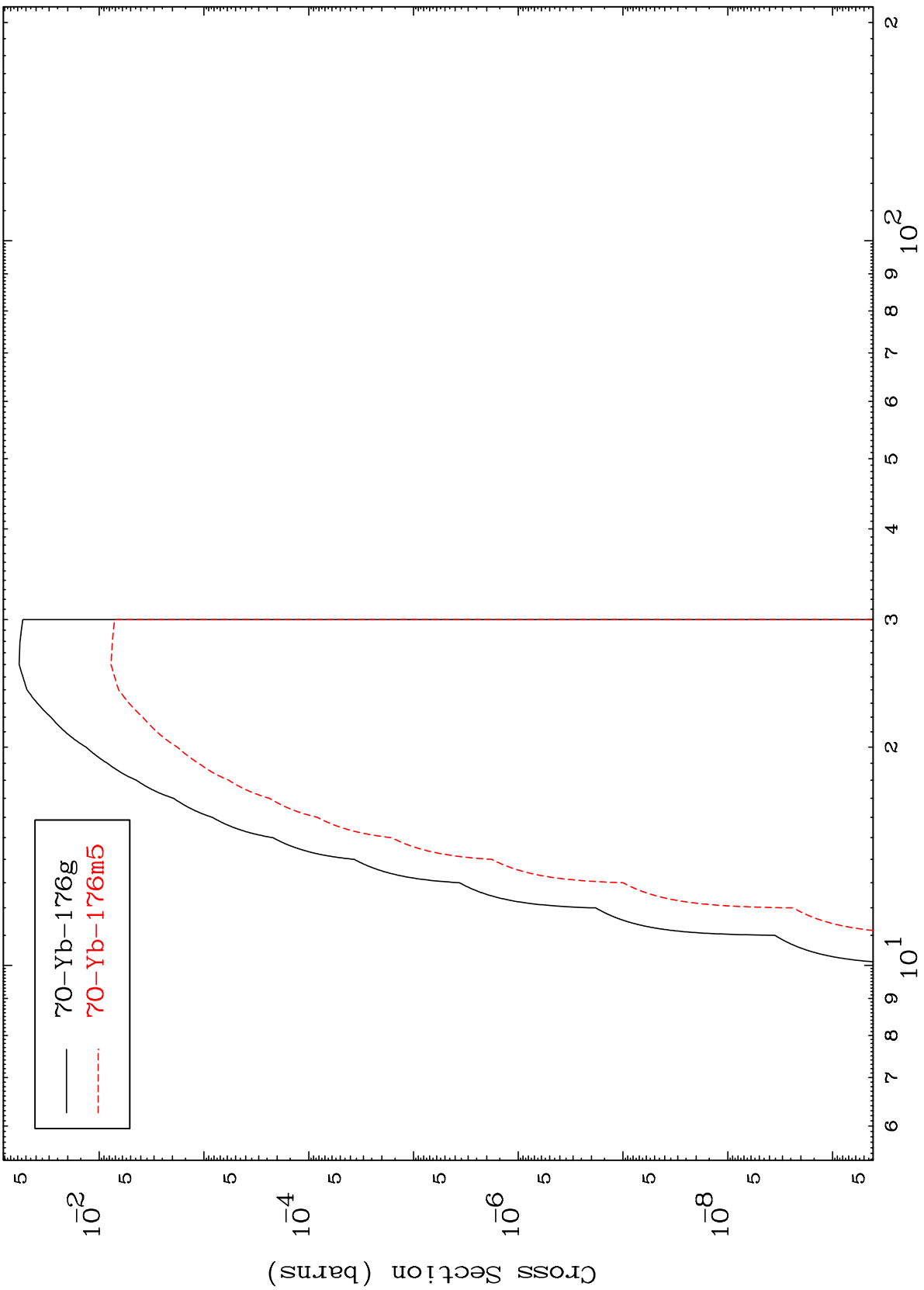
<sup>70</sup>Yb-177

MAT 7052

(n,n') t

<sup>70</sup>Yb-177

Radionuclide Production Cross Section



16

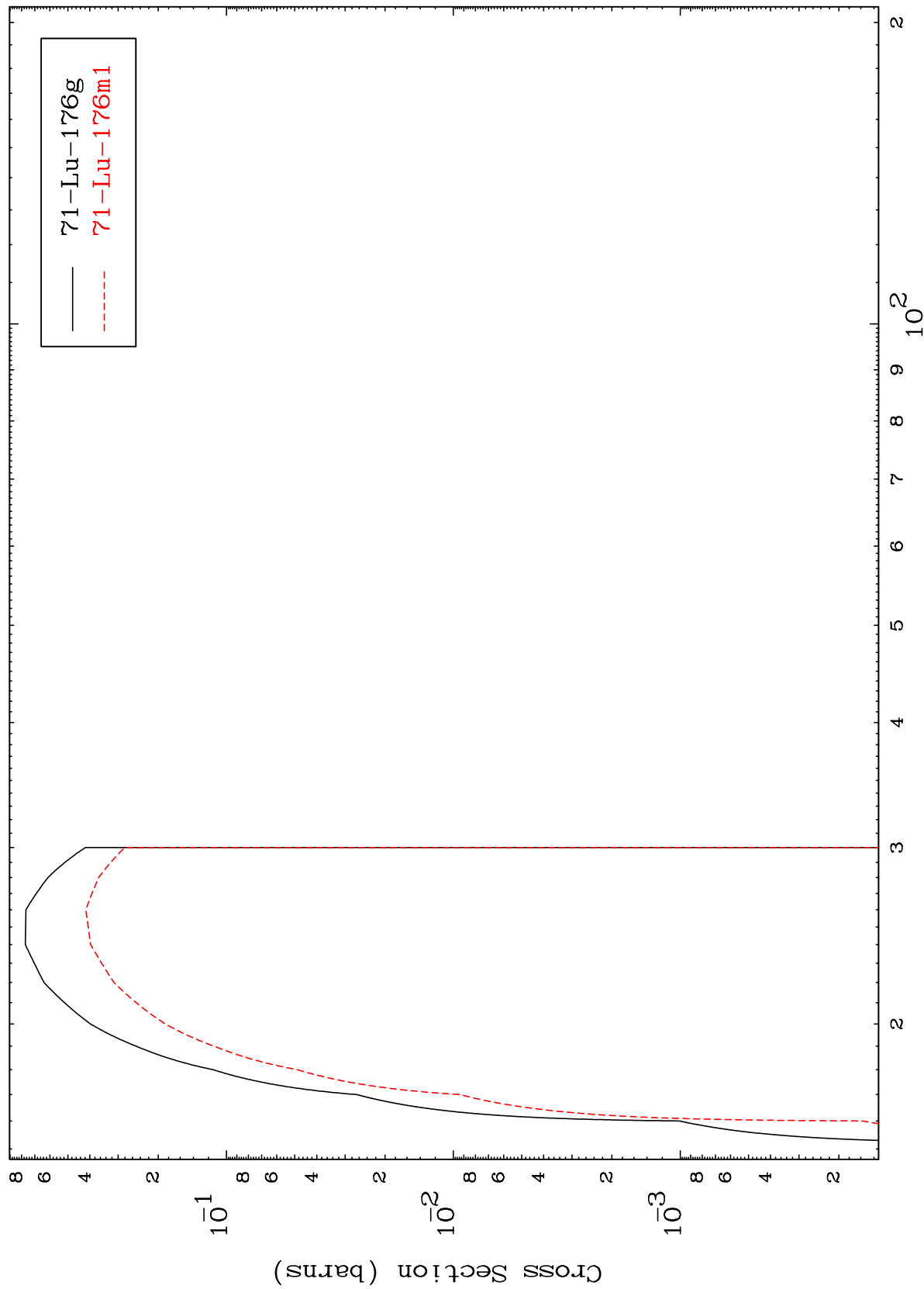
Incident Energy (MeV)

<sup>70</sup>Yb-177

MAT 7052

70-Yb-177

(n,4n)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

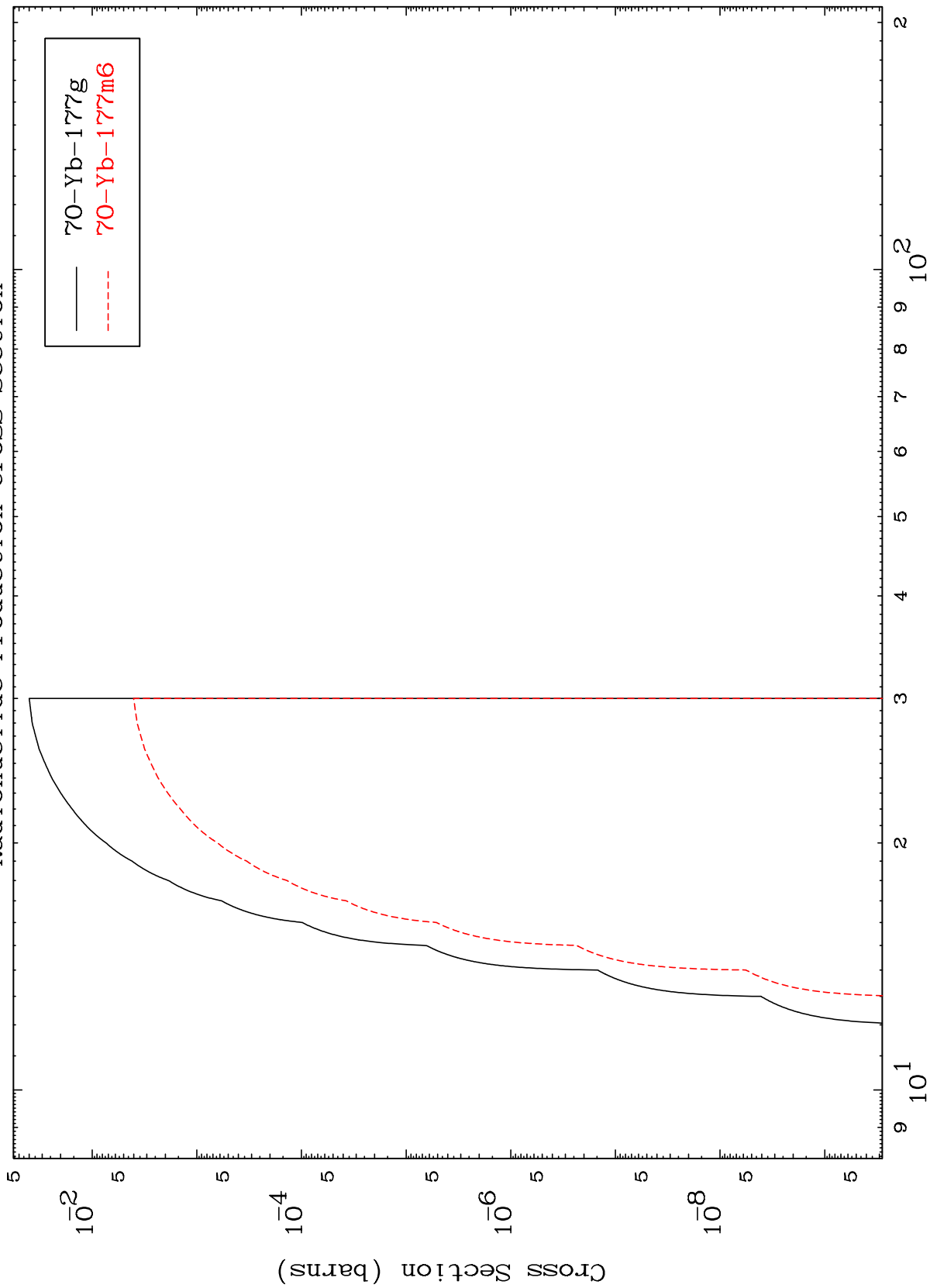
70-Yb-177

MAT 7052

(n,2n) p

<sup>70</sup>Yb-177

Radionuclide Production Cross Section



Incident Energy (MeV)

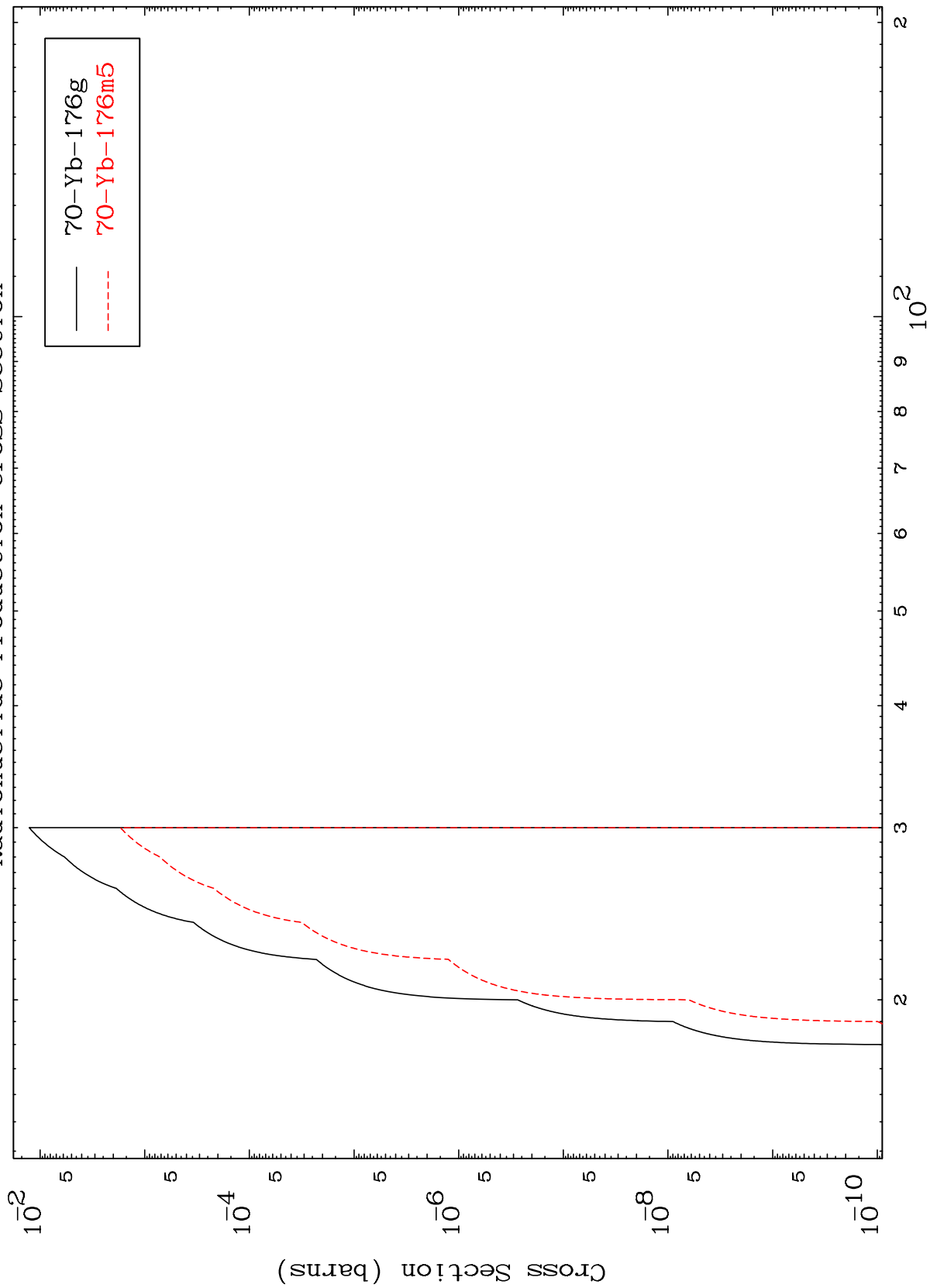
<sup>70</sup>Yb-177

MAT 7052

(n,3n) p

<sup>70</sup>Yb-177

Radionuclide Production Cross Section

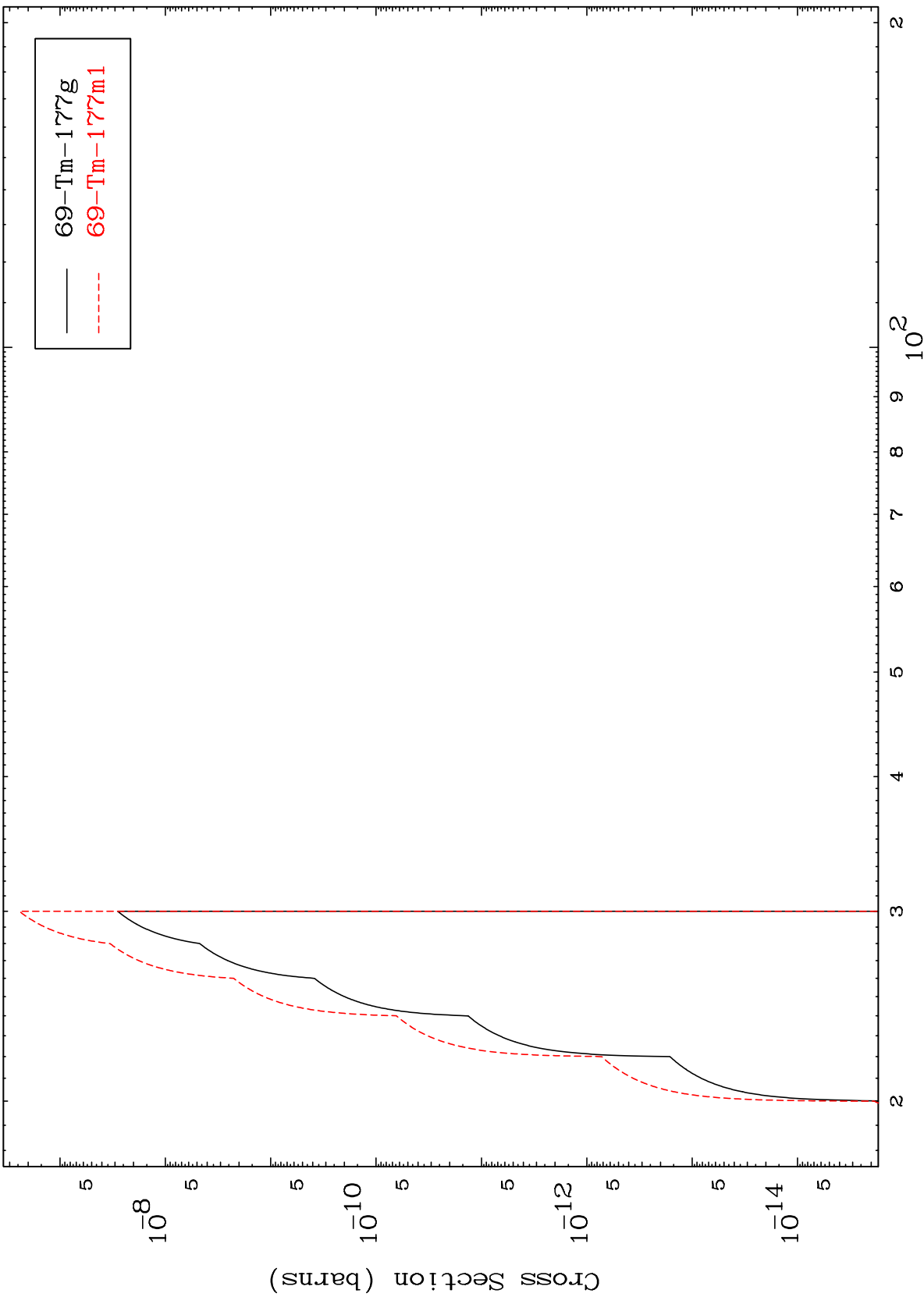


19

Incident Energy (MeV)

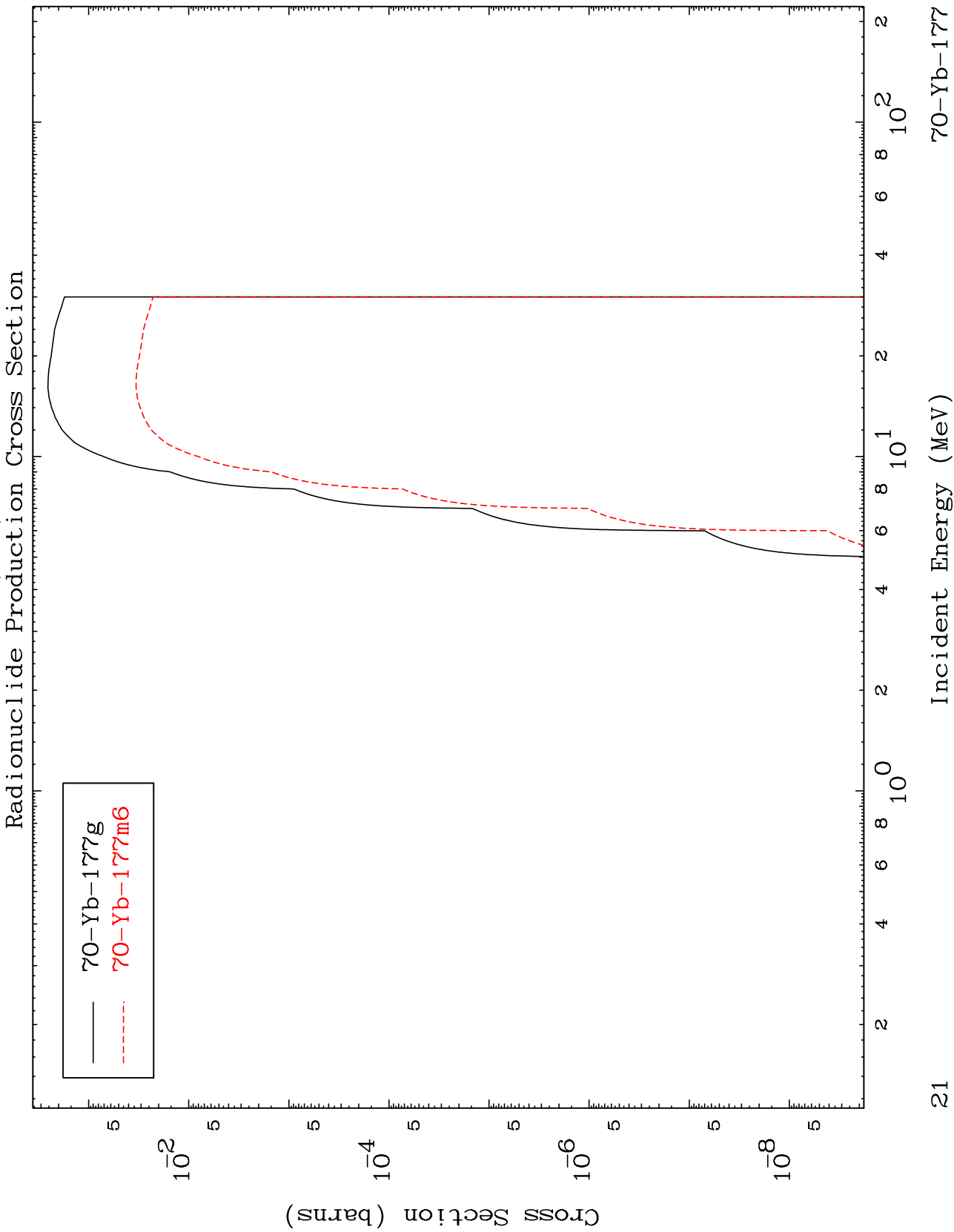
<sup>70</sup>Yb-177

Radionuclide Production Cross Section



MAT 7052

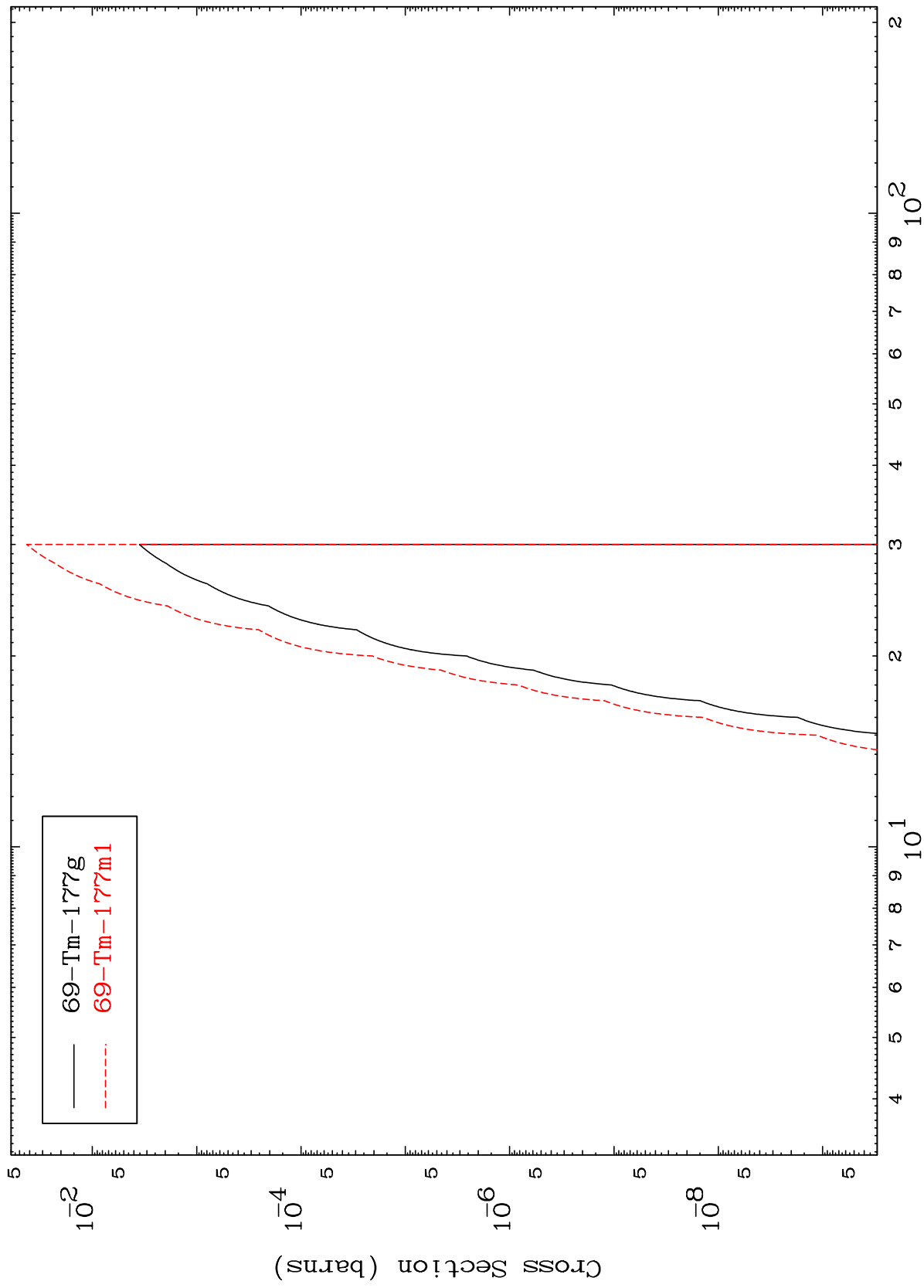
$^{70}\text{Yb-177}$



MAT 7052

70-Yb-177

Radionuclide Production Cross Section  
(n,He-3)



70-Yb-177

Incident Energy (MeV)

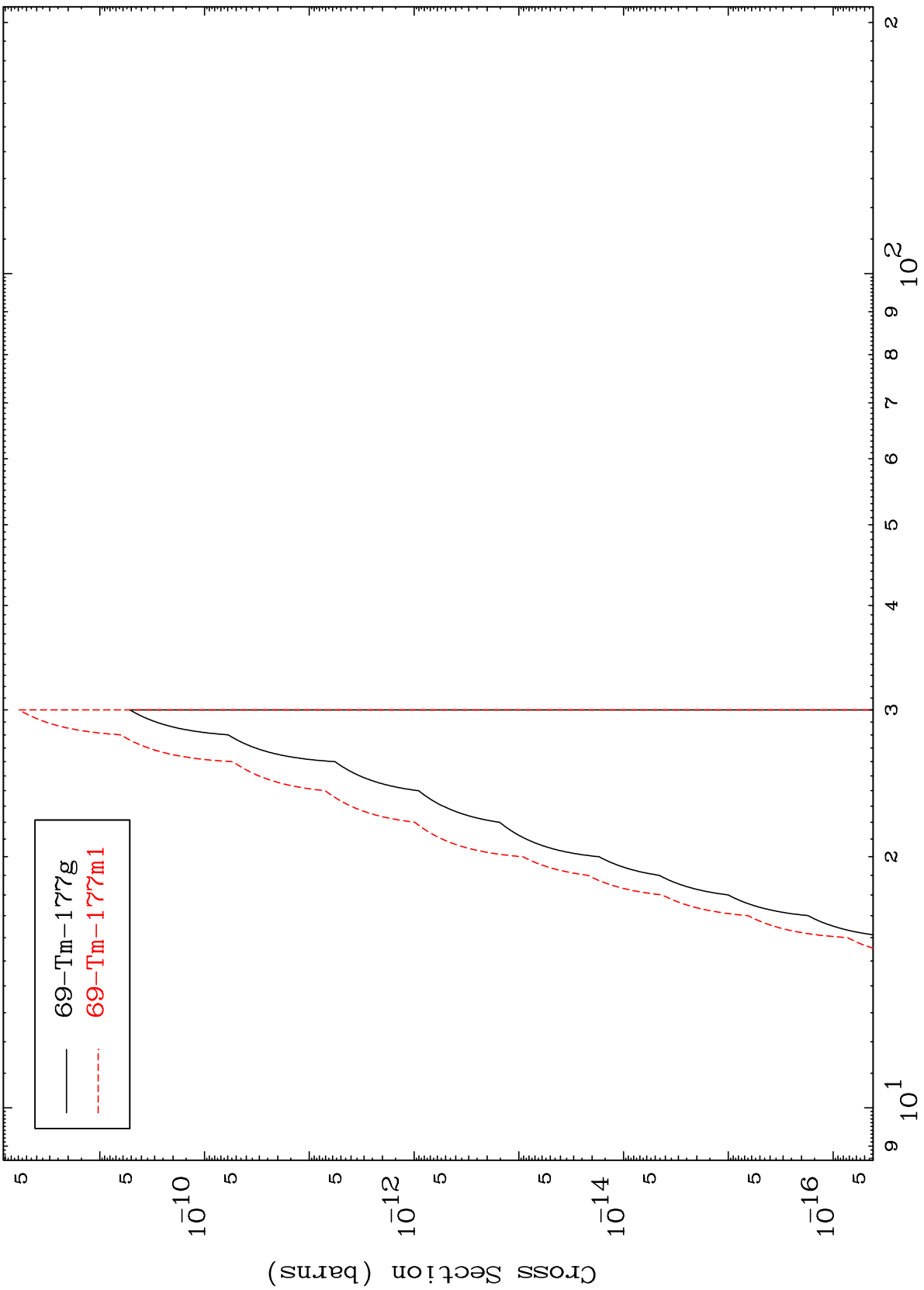
22

MAT 7052

(n,p) d

<sup>70</sup>Yb-177

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>70</sup>Yb-177

23