

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

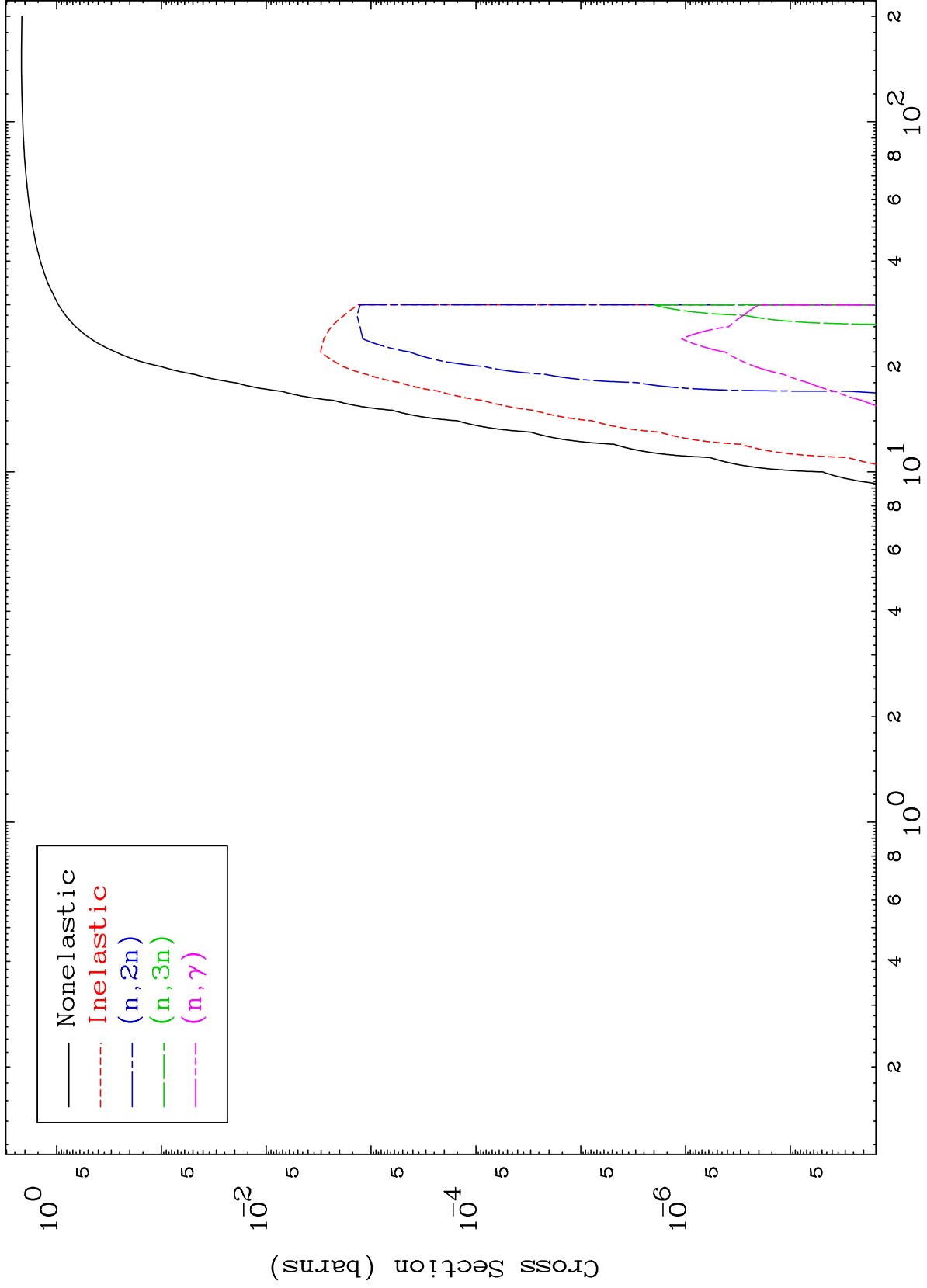
Press Mouse Button to Start

MAT 7274

He-3 Major

73-Ta-163

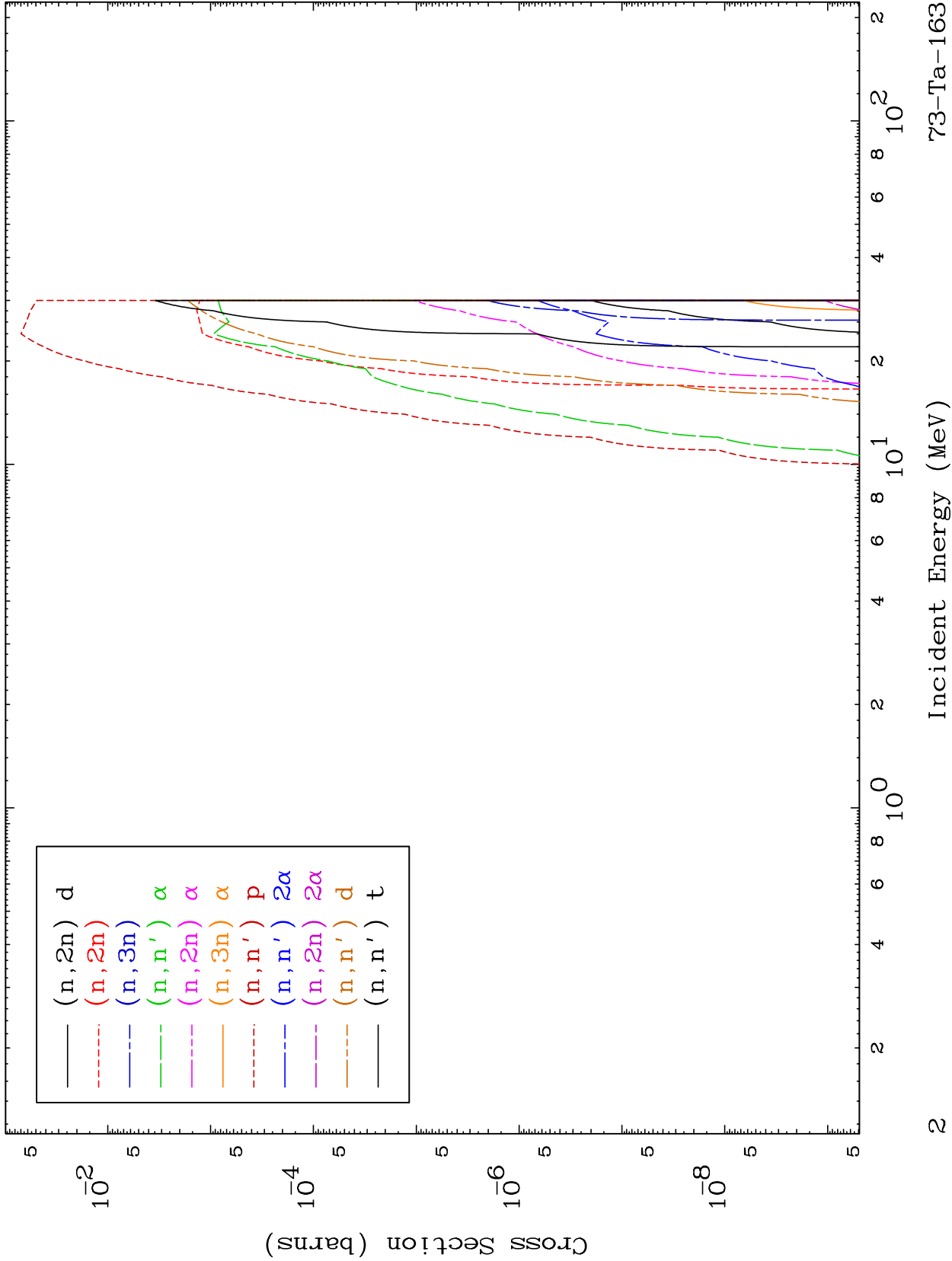
0 Kelvin Cross Sections



MAT 7274

He-3 Neutron Absorption  
0 Kelvin Cross Sections

73-Ta-163



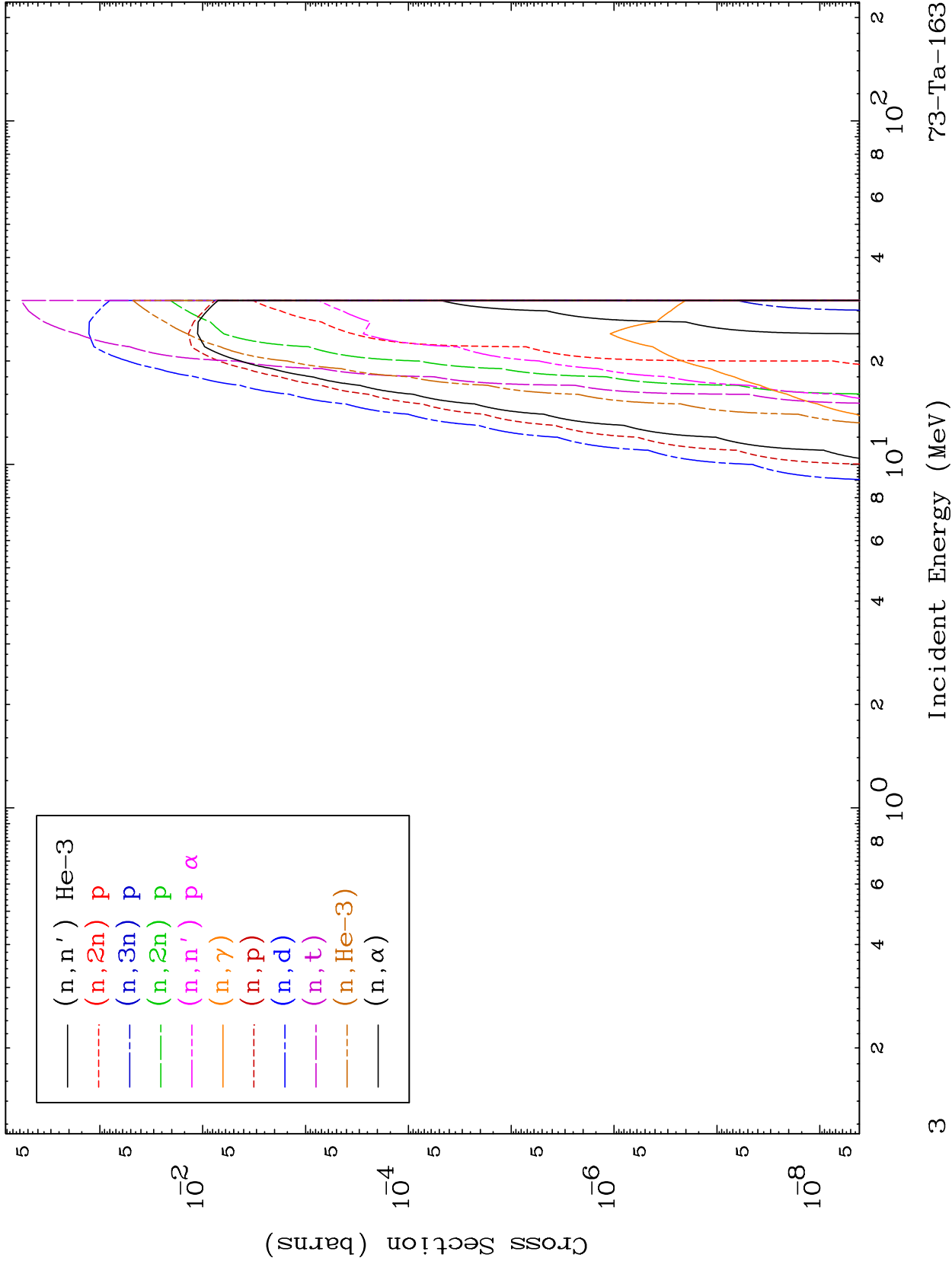
73-Ta-163

Incident Energy (MeV)

MAT 7274

He-3 Neutron Absorption  
0 Kelvin Cross Sections

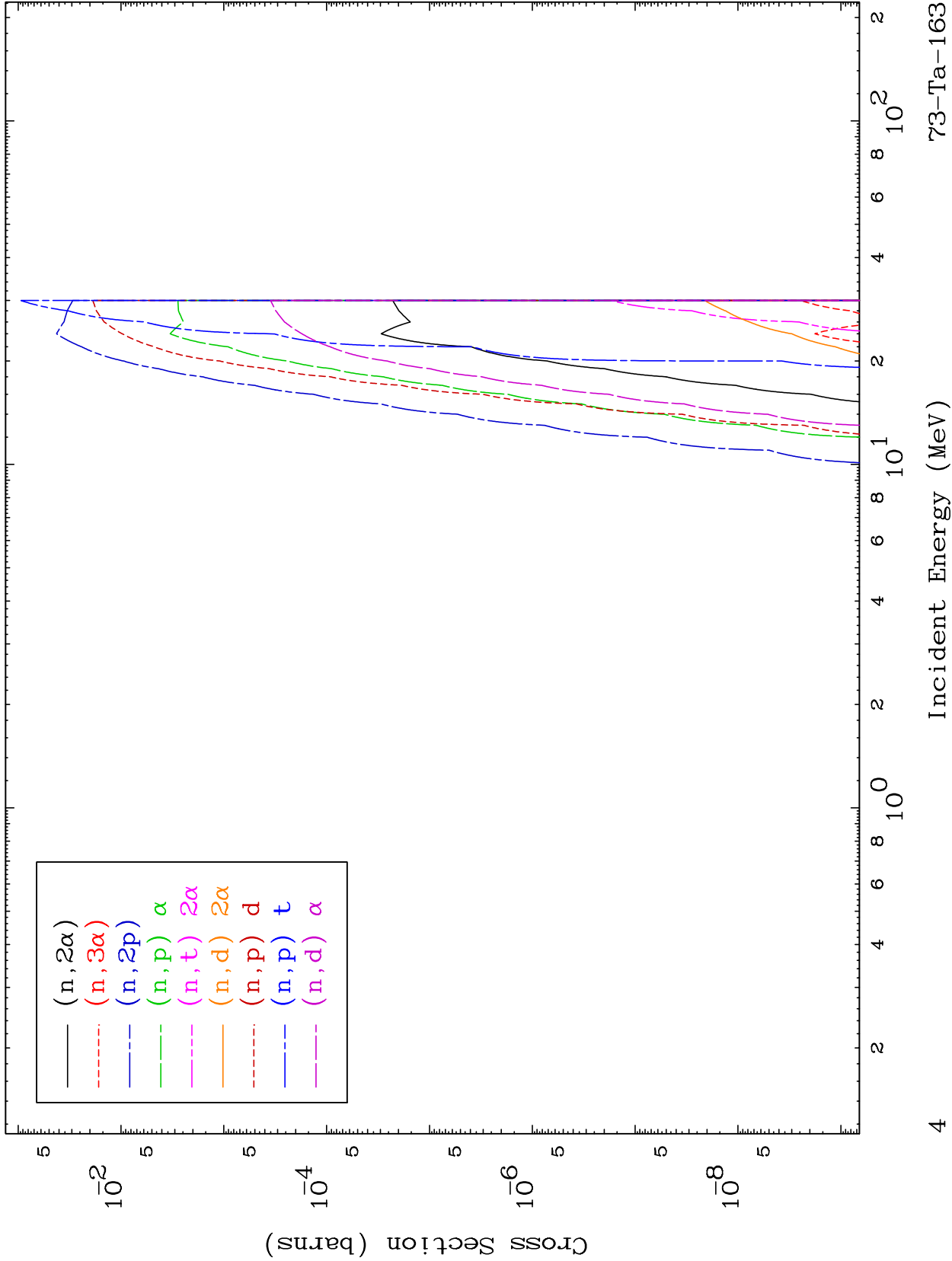
73-Ta-163



MAT 7274

He-3 Neutron Absorption  
0 Kelvin Cross Sections

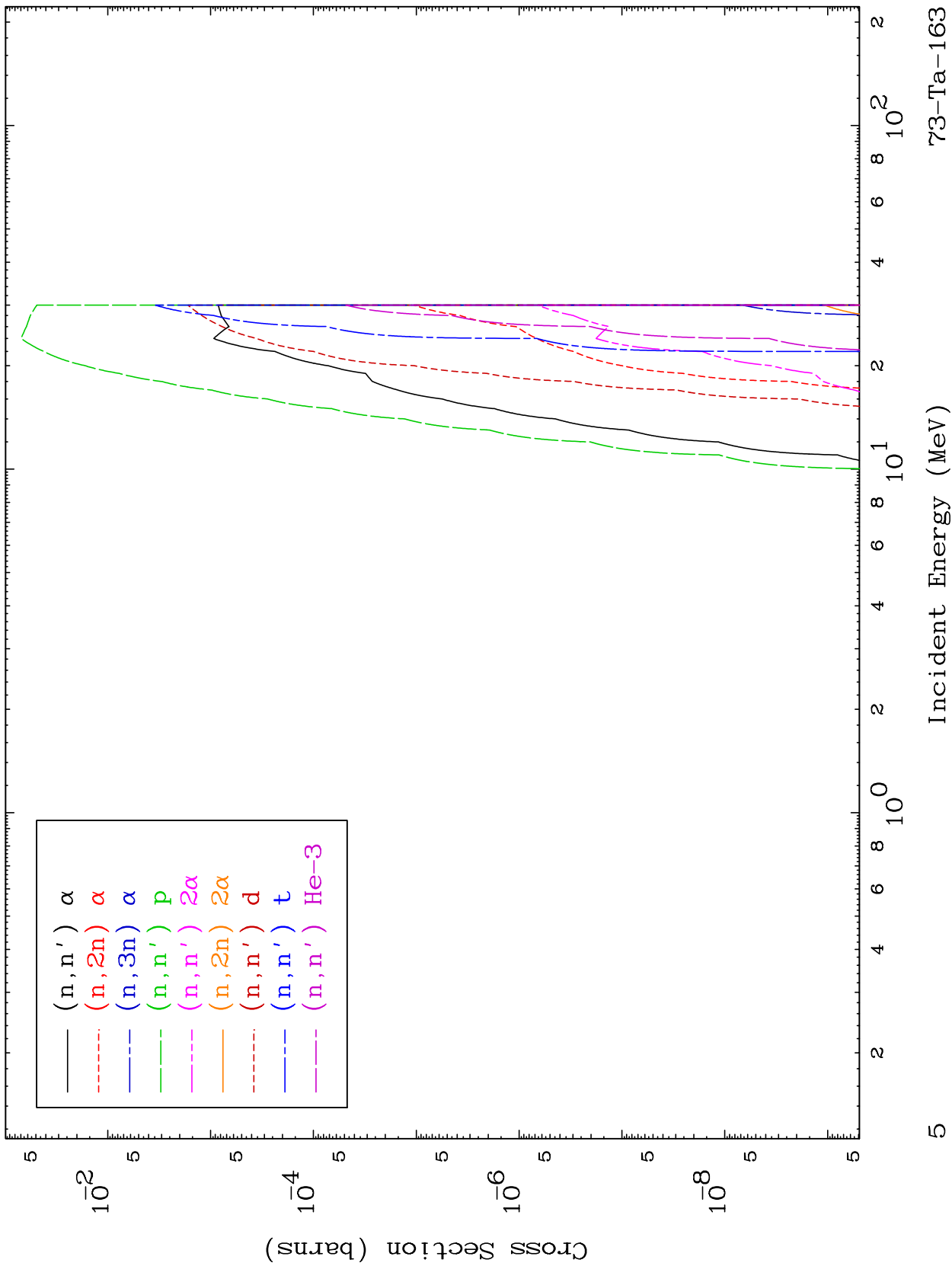
73-Ta-163



MAT 7274

He-3 Charged Particle  
0 Kelvin Cross Sections

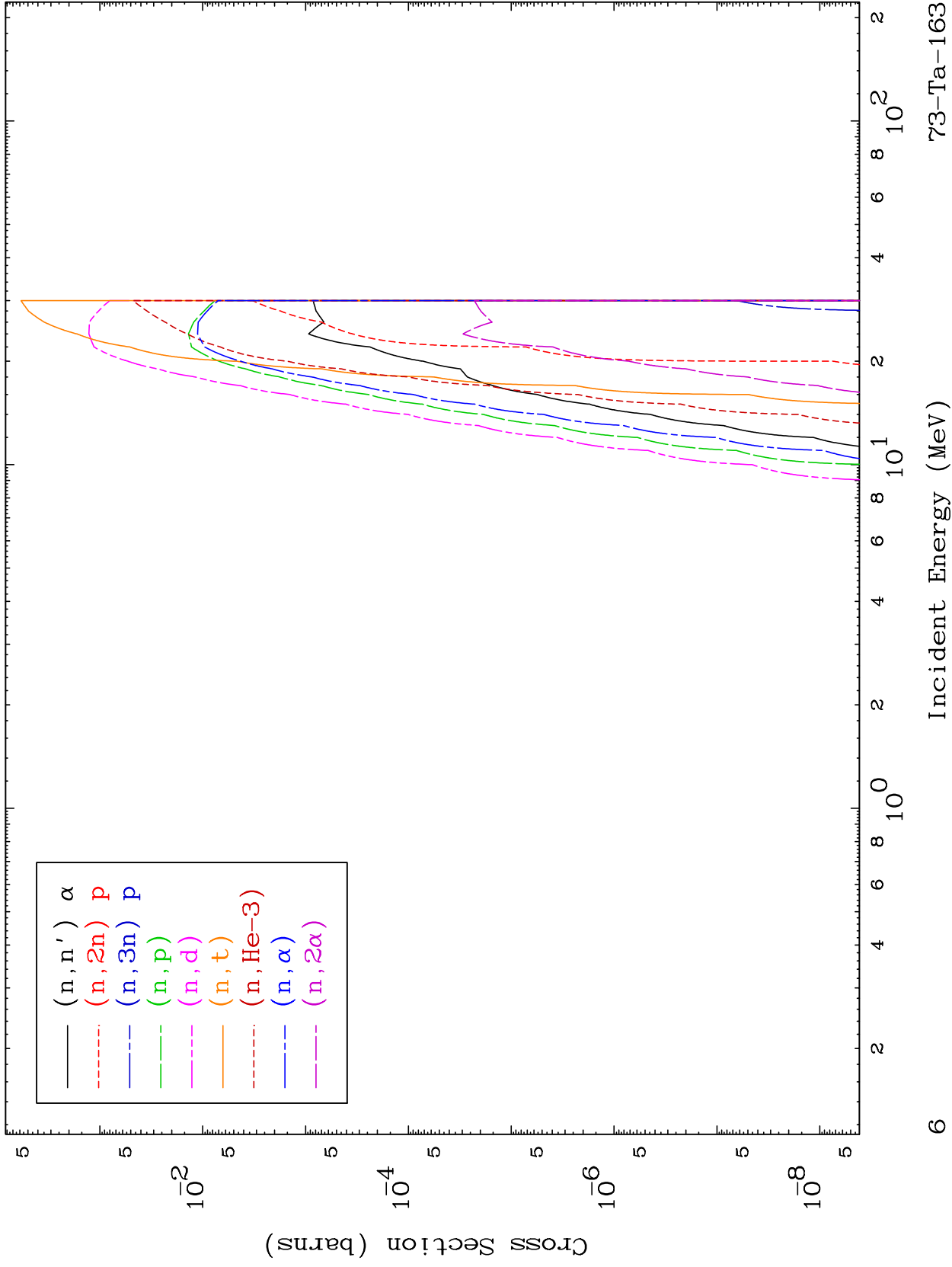
73-Ta-163



MAT 7274

He-3 Charged Particle  
0 Kelvin Cross Sections

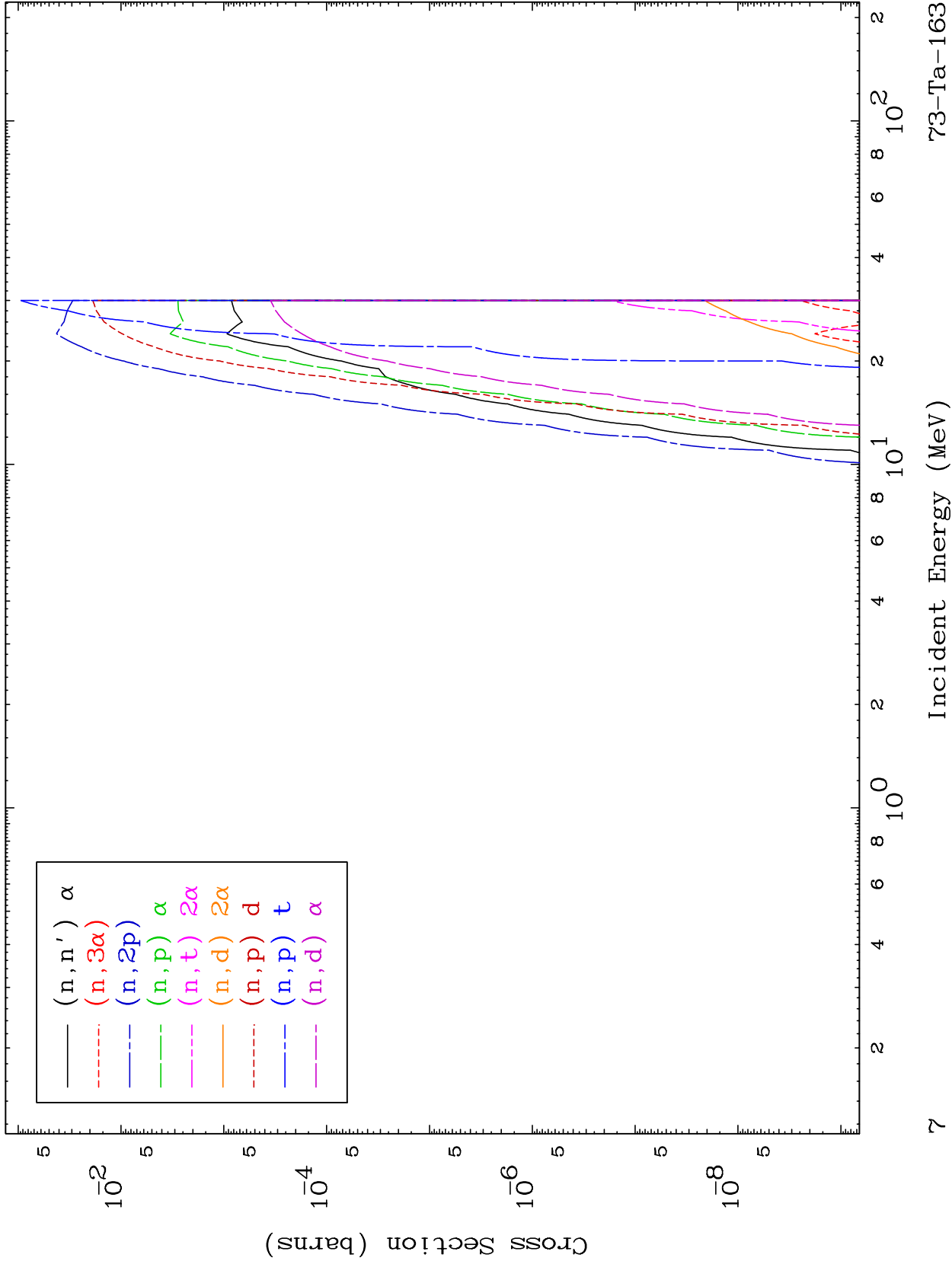
73-Ta-163



MAT 7274

He-3 Charged Particle  
0 Kelvin Cross Sections

73-Ta-163



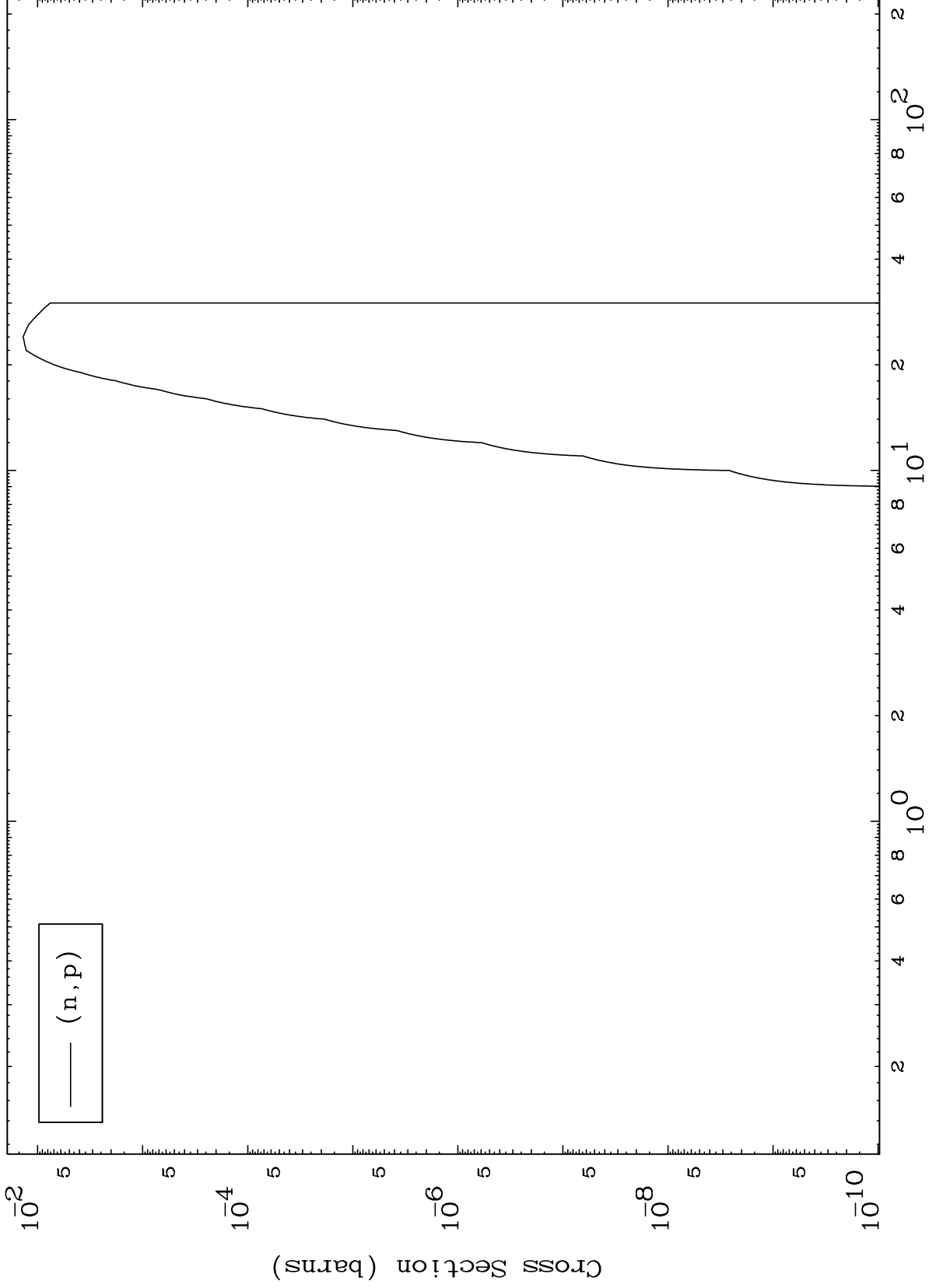


MAT 7274

(He-3,p) Levels

73-Ta-163

0 Kelvin Cross Sections

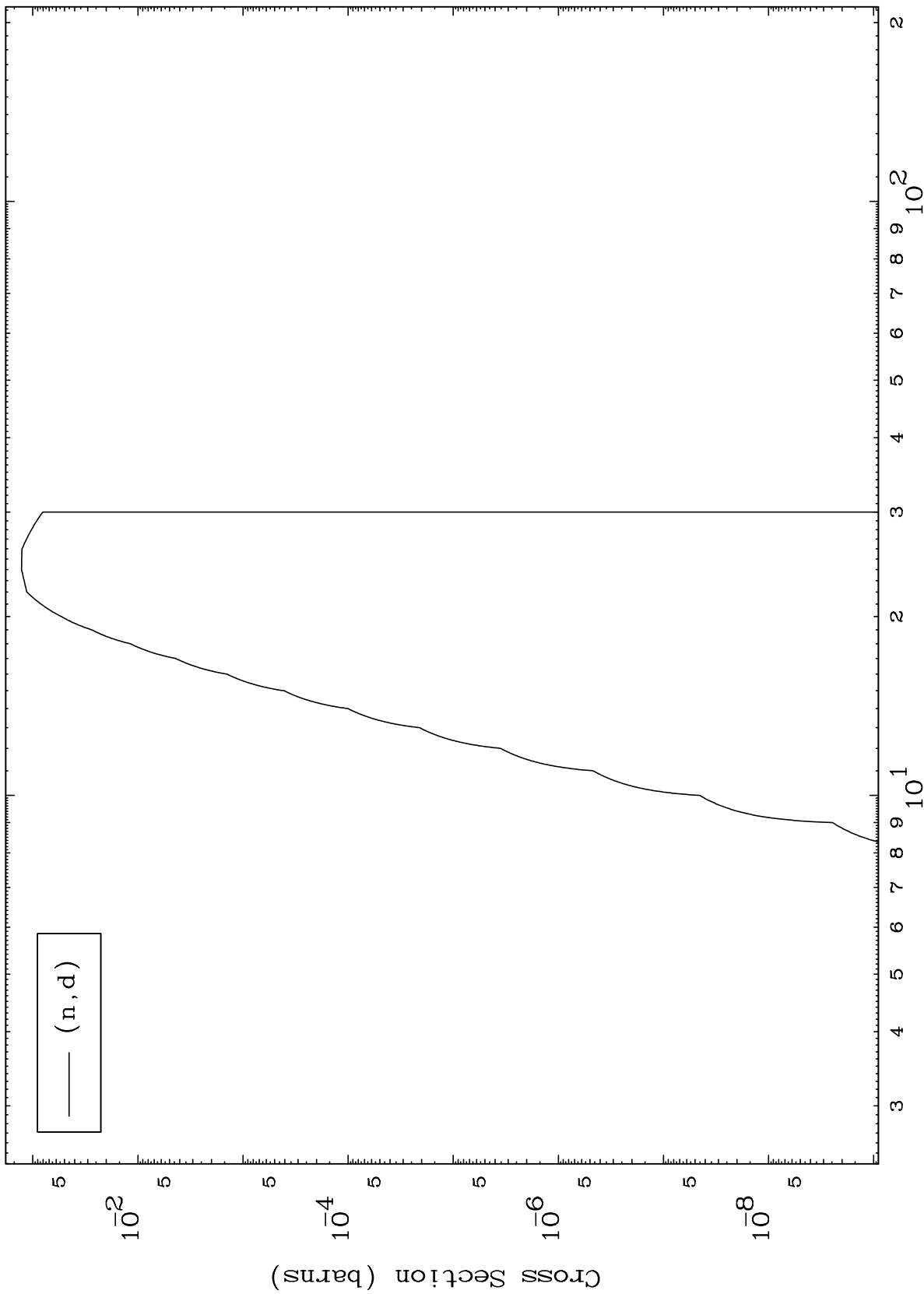


MAT 7274

(He-3,d) Levels

73-Ta-163

0 Kelvin Cross Sections

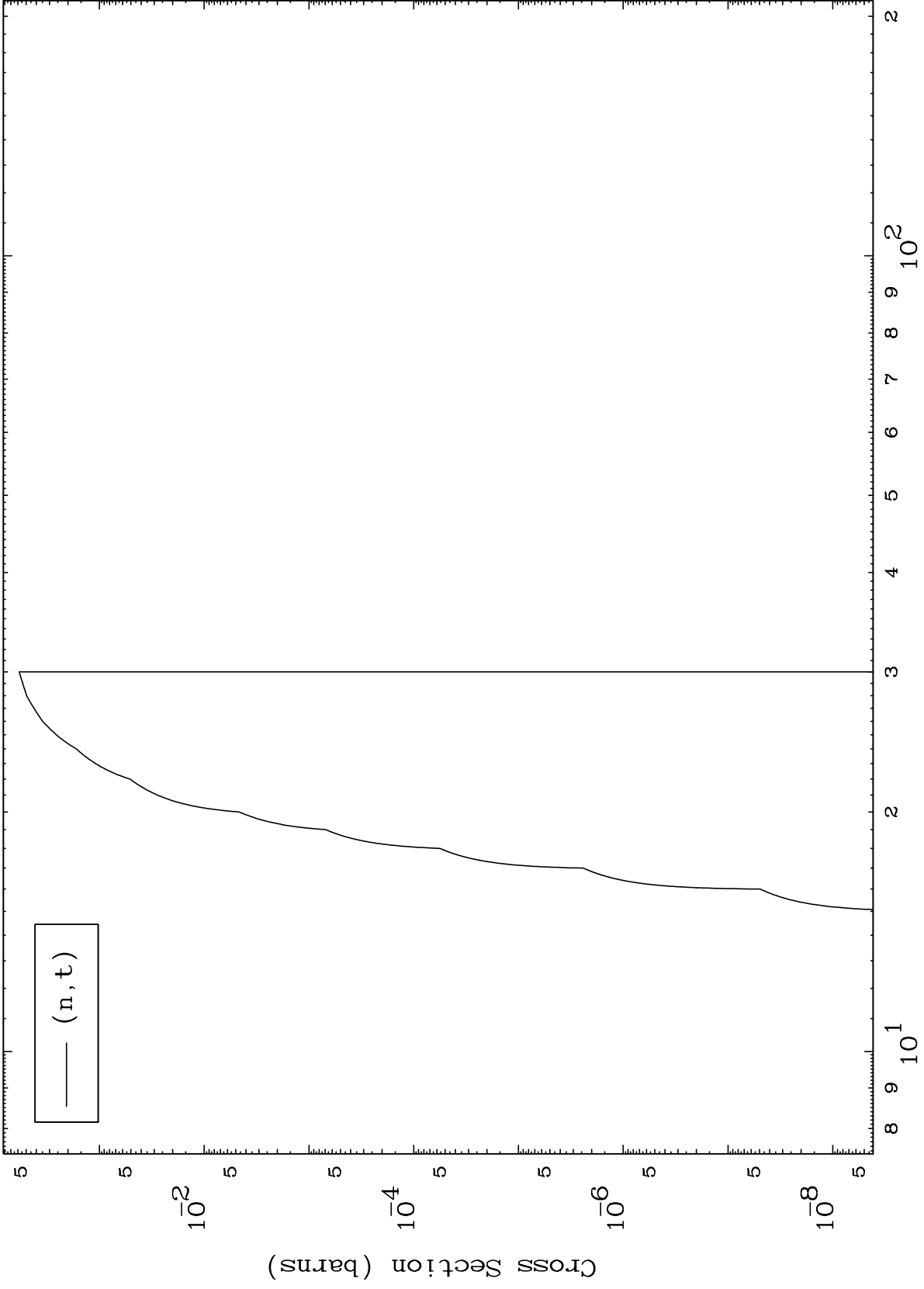


(n, d)

MAT 7274

(He-3,t) Levels  
0 Kelvin Cross Sections

73-Ta-163



10

Incident Energy (MeV)

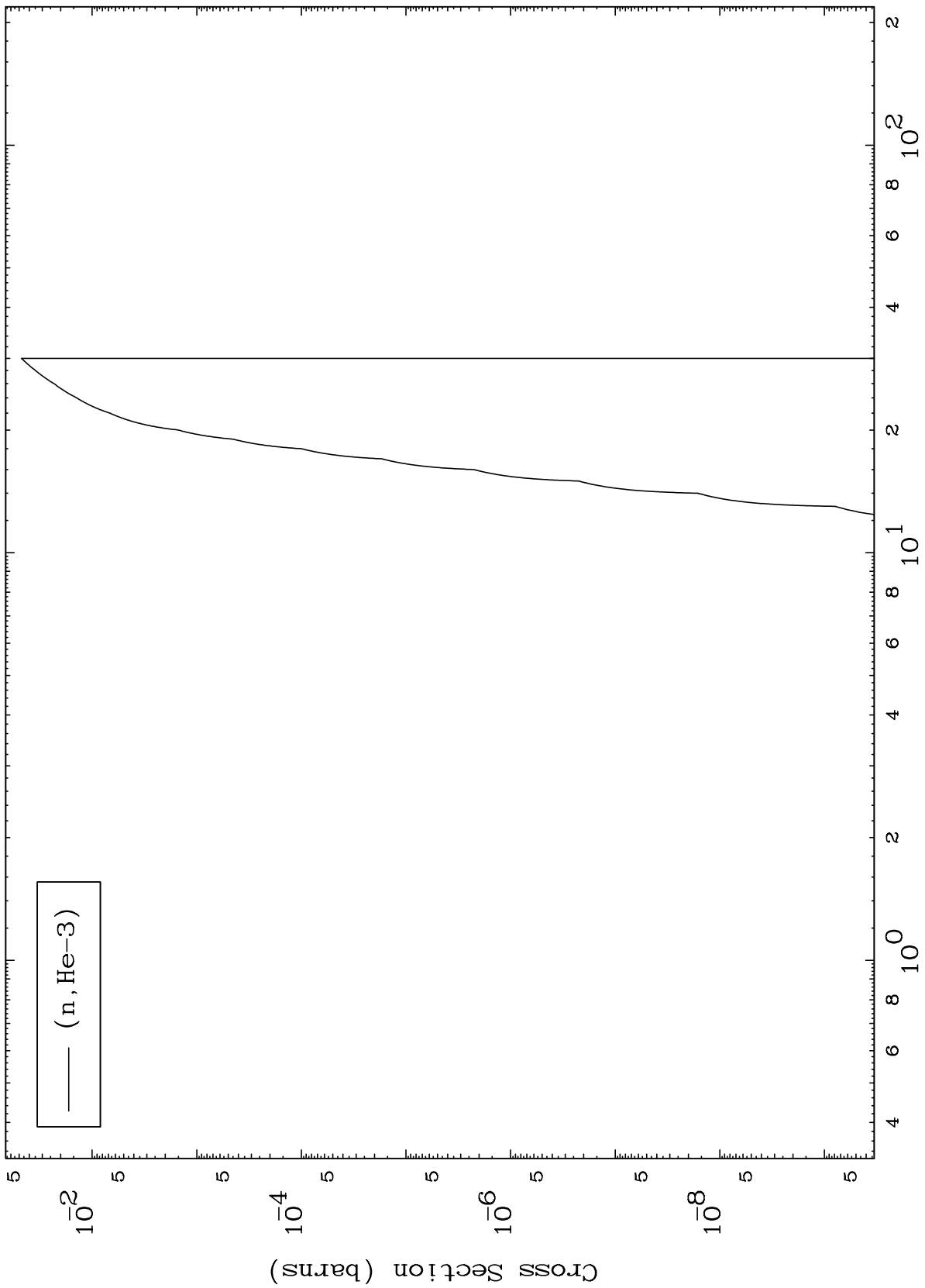
73-Ta-163

MAT 7274

(He-3, He3) Levels

73-Ta-163

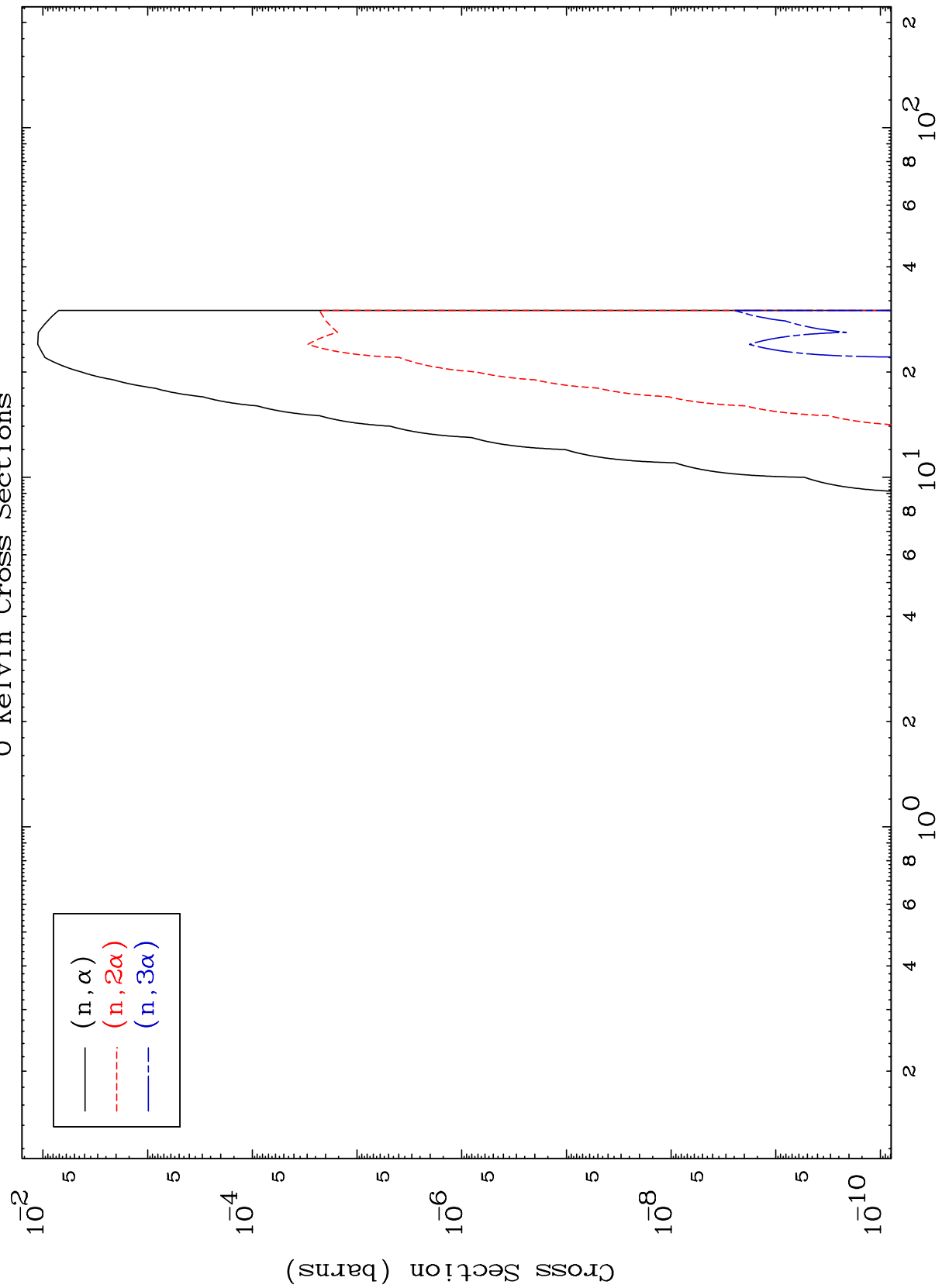
0 Kelvin Cross Sections



MAT 7274

73-Ta-163

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



73-Ta-163

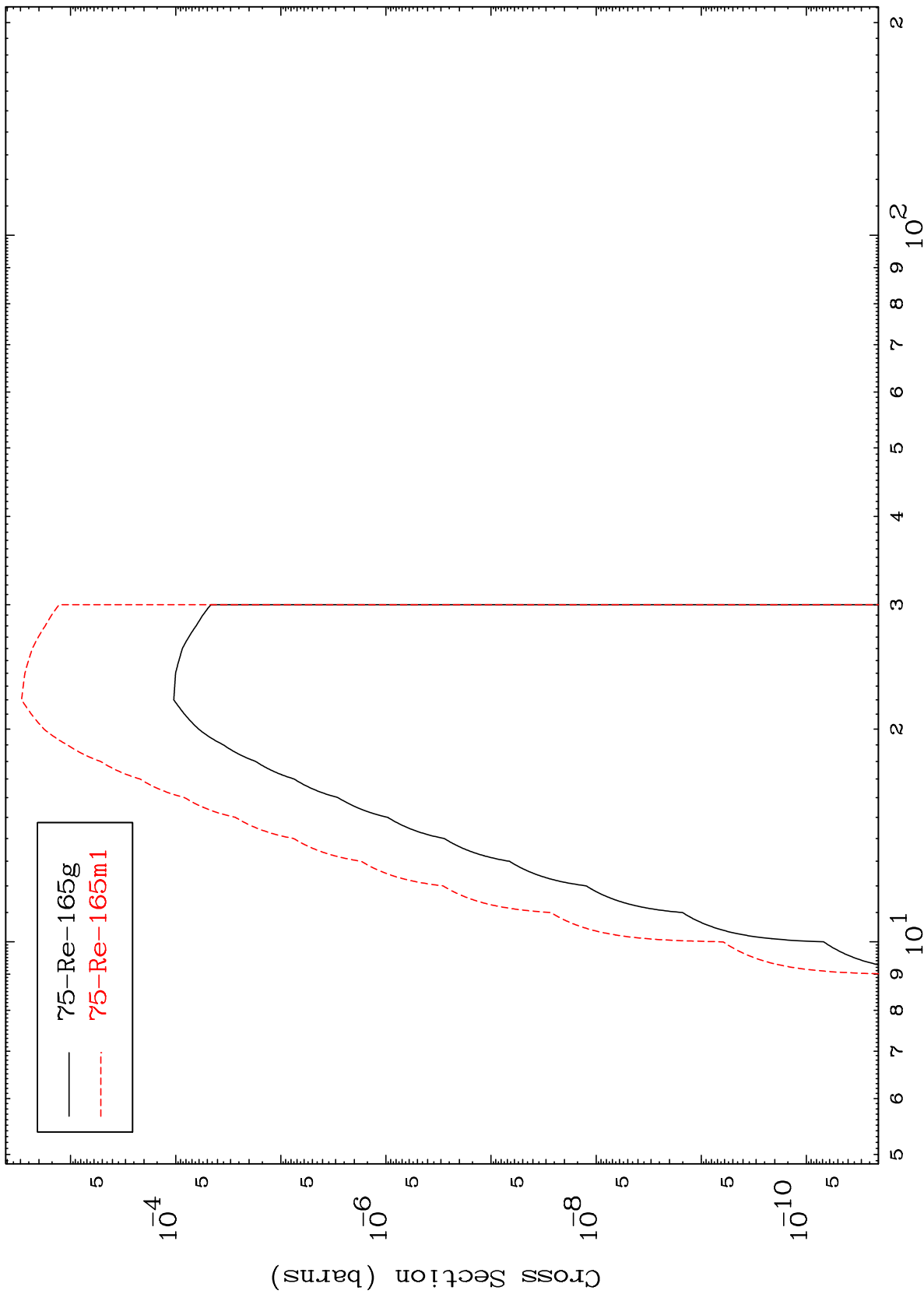
Incident Energy (MeV)

12

MAT 7274

73-Ta-163

Inelastic  
Radionuclide Production Cross Section



75-Re-165g  
75-Re-165m1

73-Ta-163

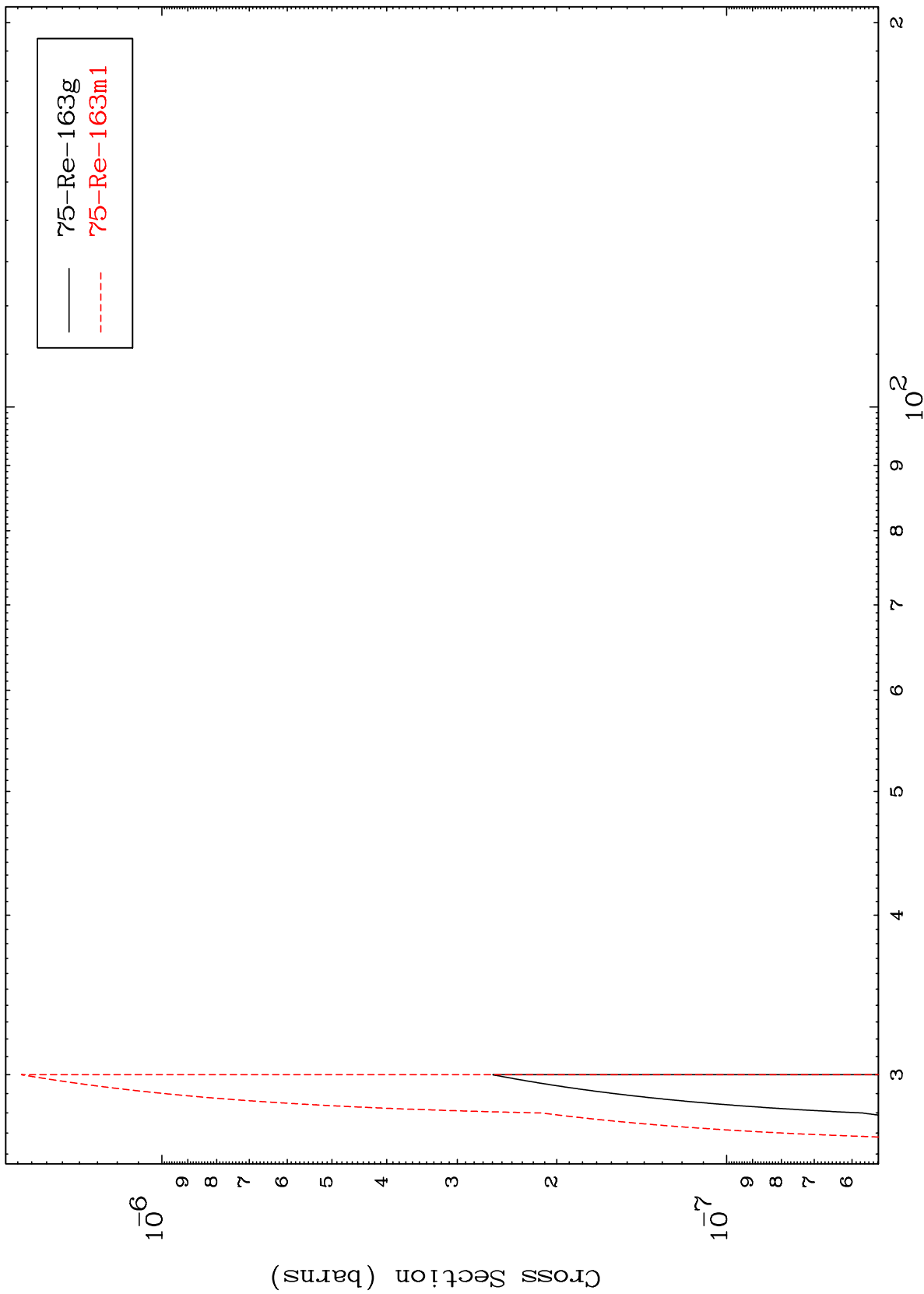
Incident Energy (MeV)

13

MAT 7274

73-Ta-163

(n,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

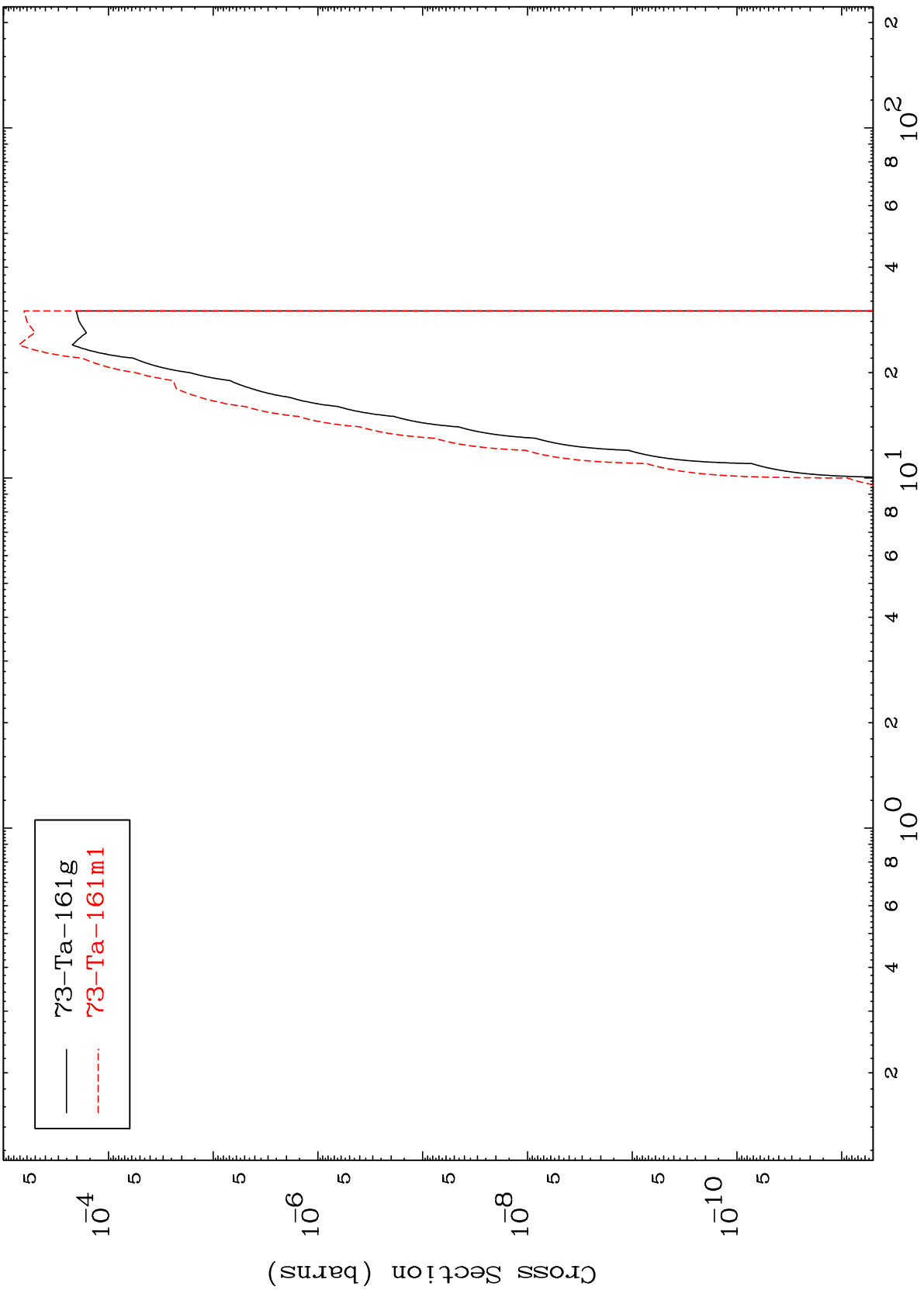
73-Ta-163

MAT 7274

$(n, n') \alpha$

$^{73}\text{Ta-163}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{73}\text{Ta-163}$

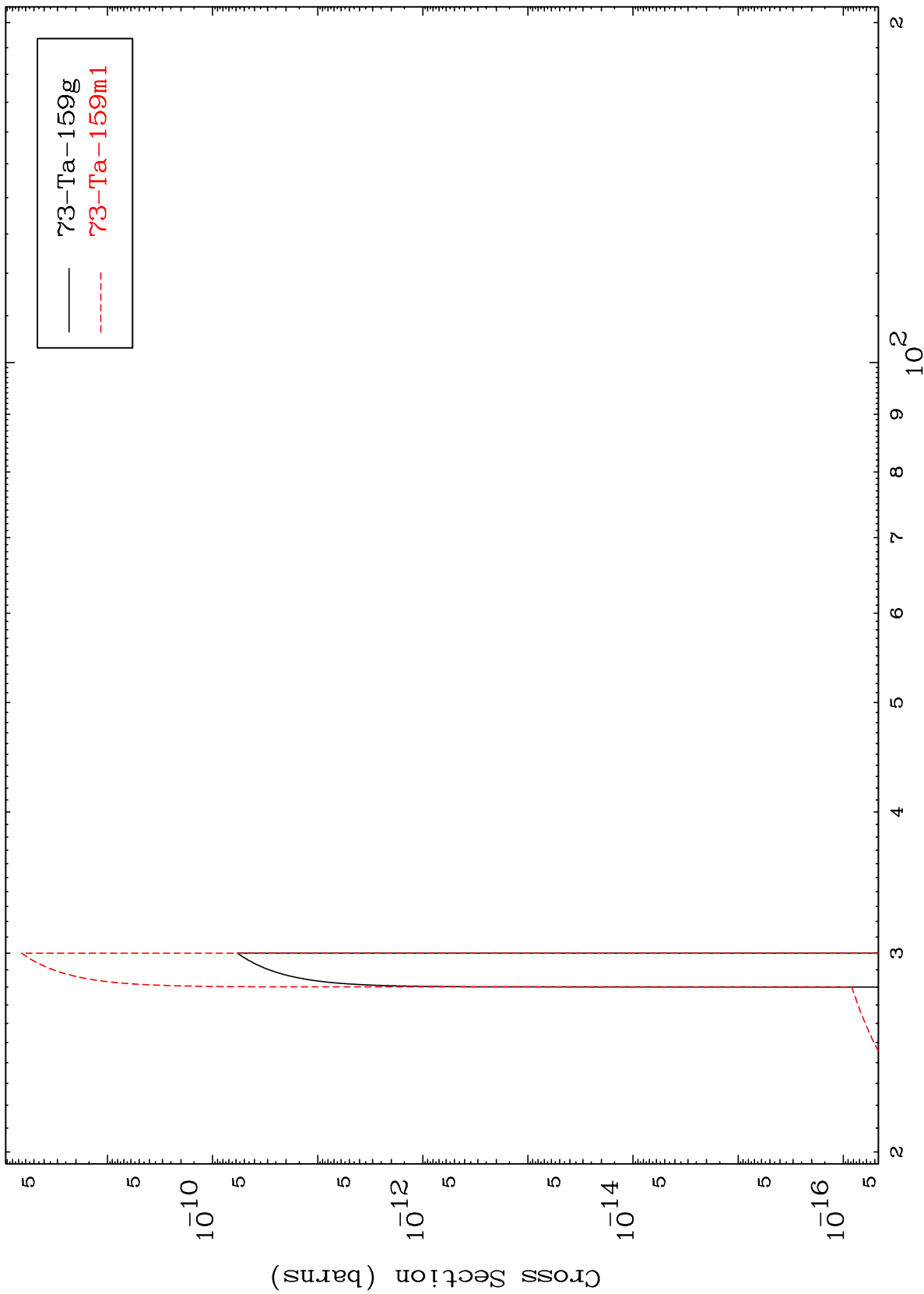


MAT 7274

(n,3n)  $\alpha$

<sup>73</sup>Ta-163

Radionuclide Production Cross Section



16

Incident Energy (MeV)

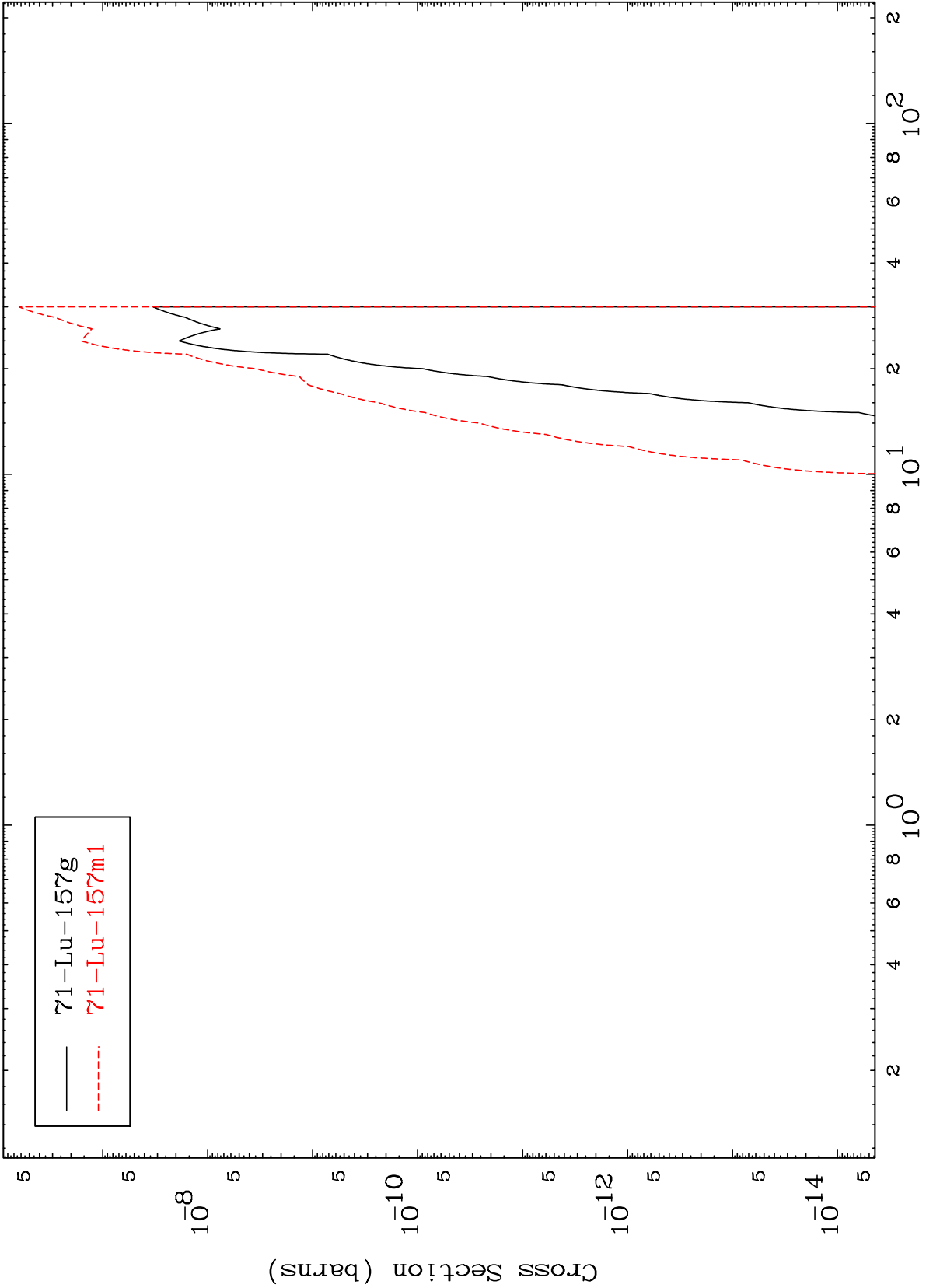
<sup>73</sup>Ta-163

MAT 7274

(n,n') 2 $\alpha$

73-Ta-163

Radionuclide Production Cross Section



71-Lu-157g  
71-Lu-157m1

MAT 7274

73-Ta-163

(n, 3α)

Radionuclide Production Cross Section

