

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

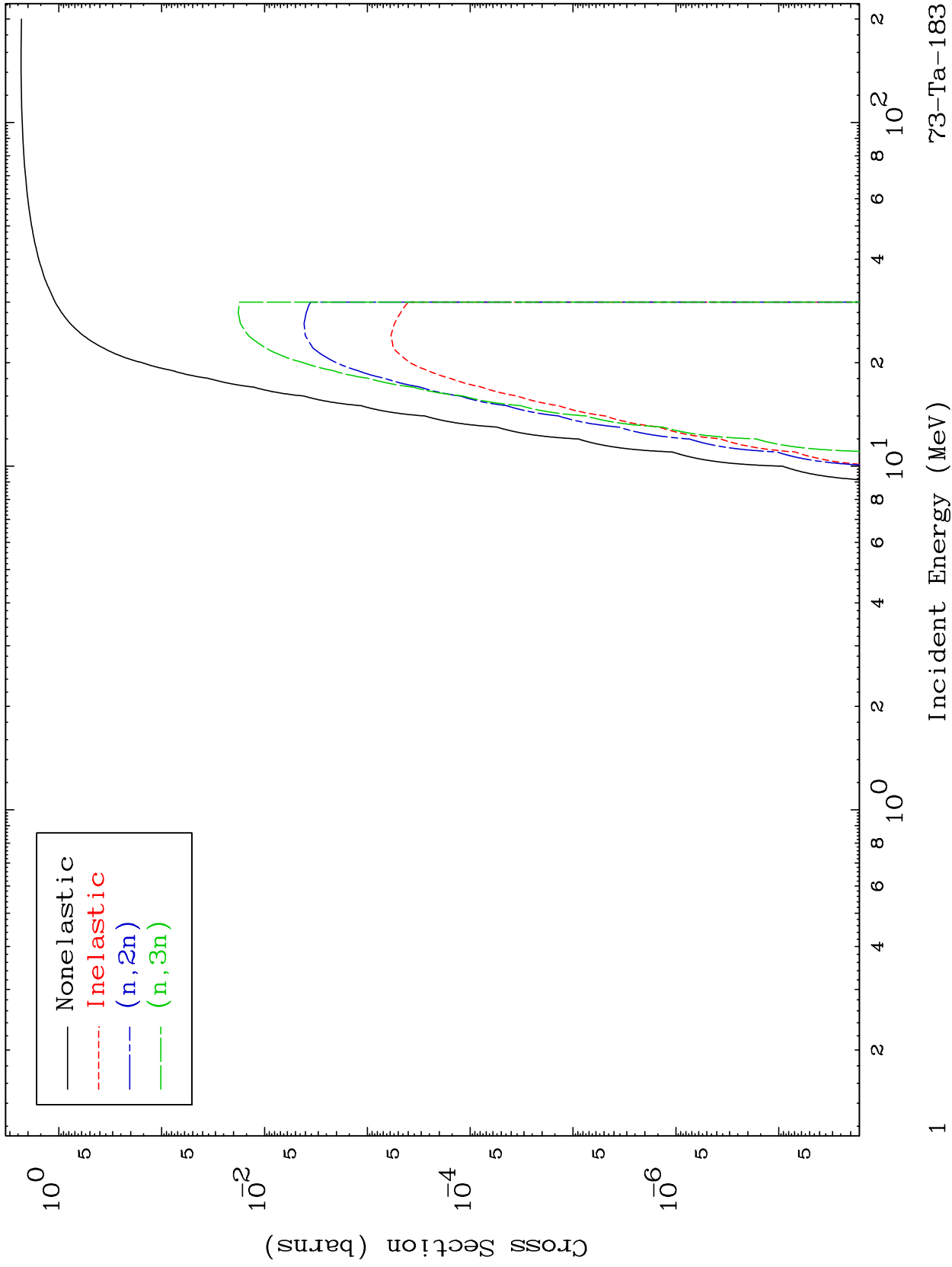
Press Mouse Button to Start

MAT 7334

He-3 Major

0 Kelvin Cross Sections

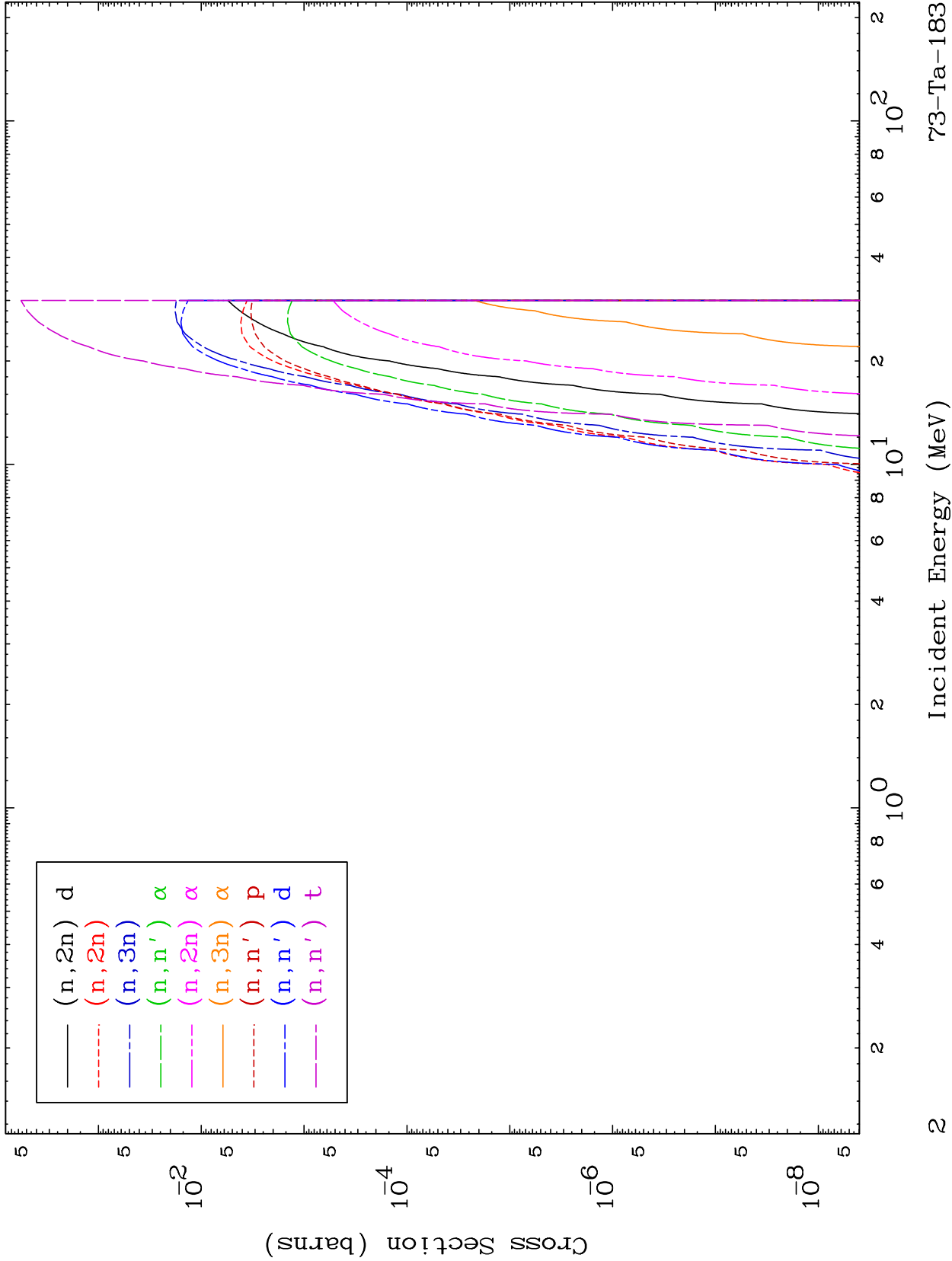
73-Ta-183



MAT 7334

He-3 Neutron Absorption  
0 Kelvin Cross Sections

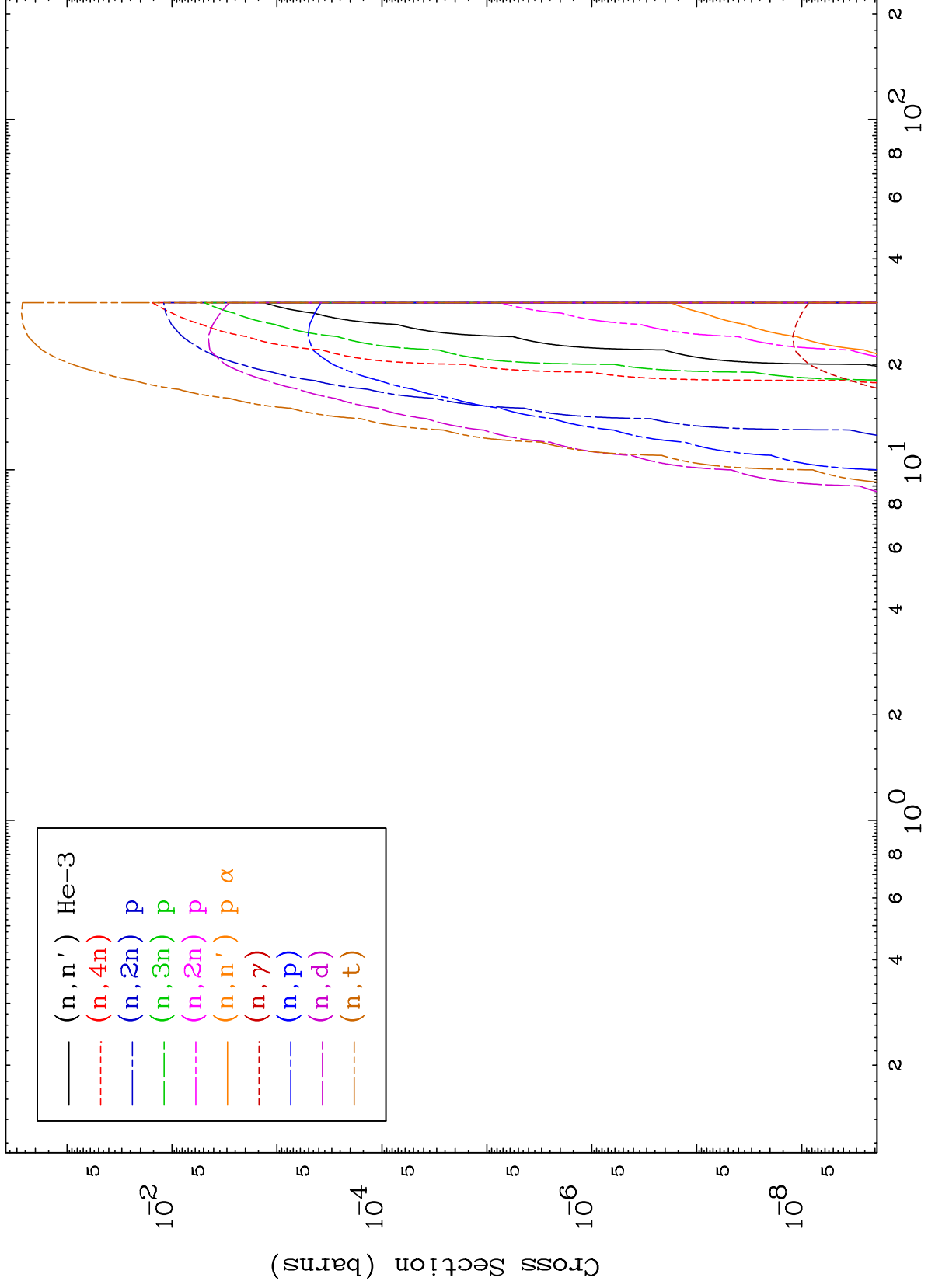
73-Ta-183



MAT 7334

He-3 Neutron Absorption  
0 Kelvin Cross Sections

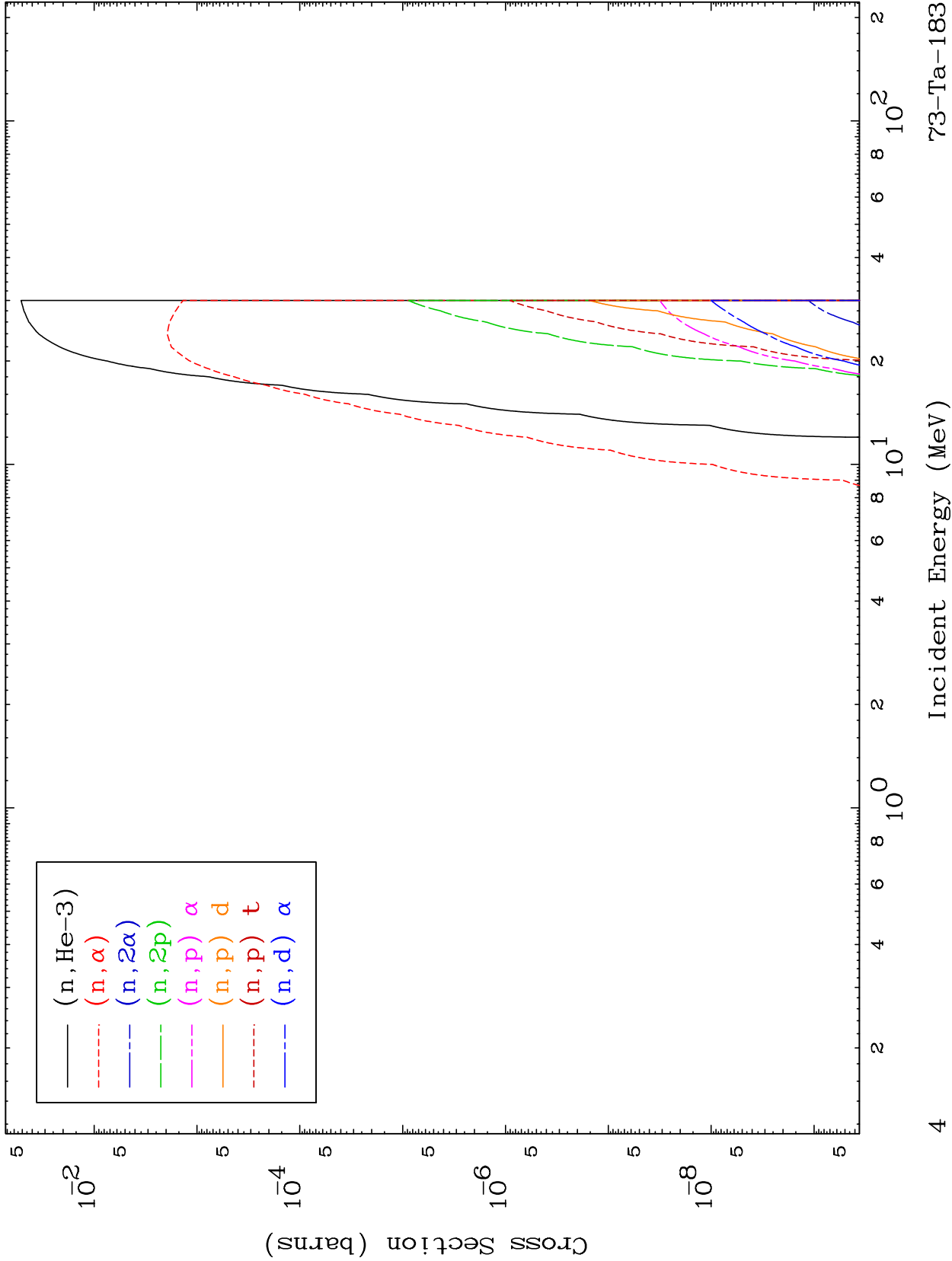
73-Ta-183



MAT 7334

He-3 Neutron Absorption  
0 Kelvin Cross Sections

73-Ta-183

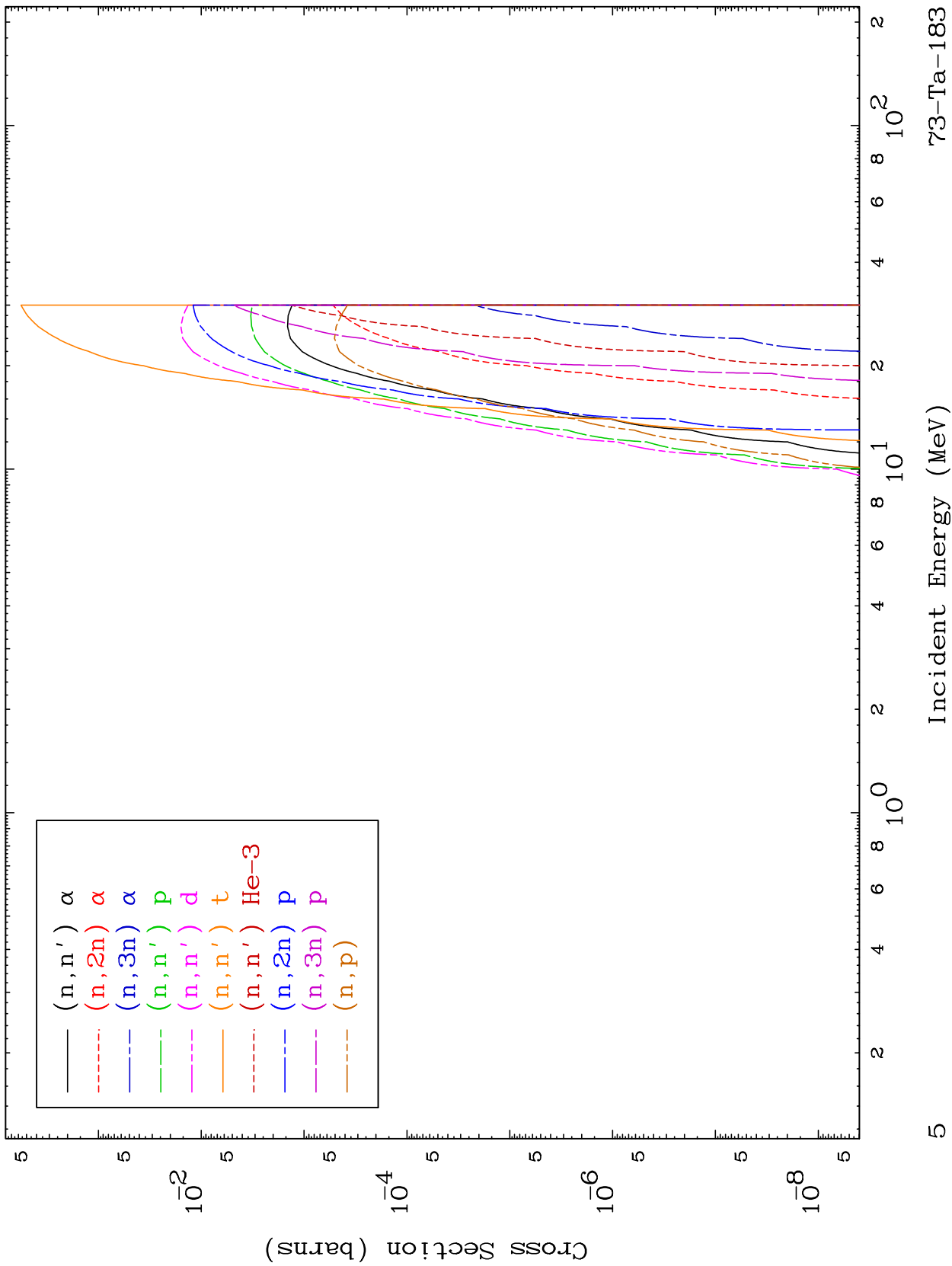


73-Ta-183

MAT 7334

He-3 Charged Particle  
0 Kelvin Cross Sections

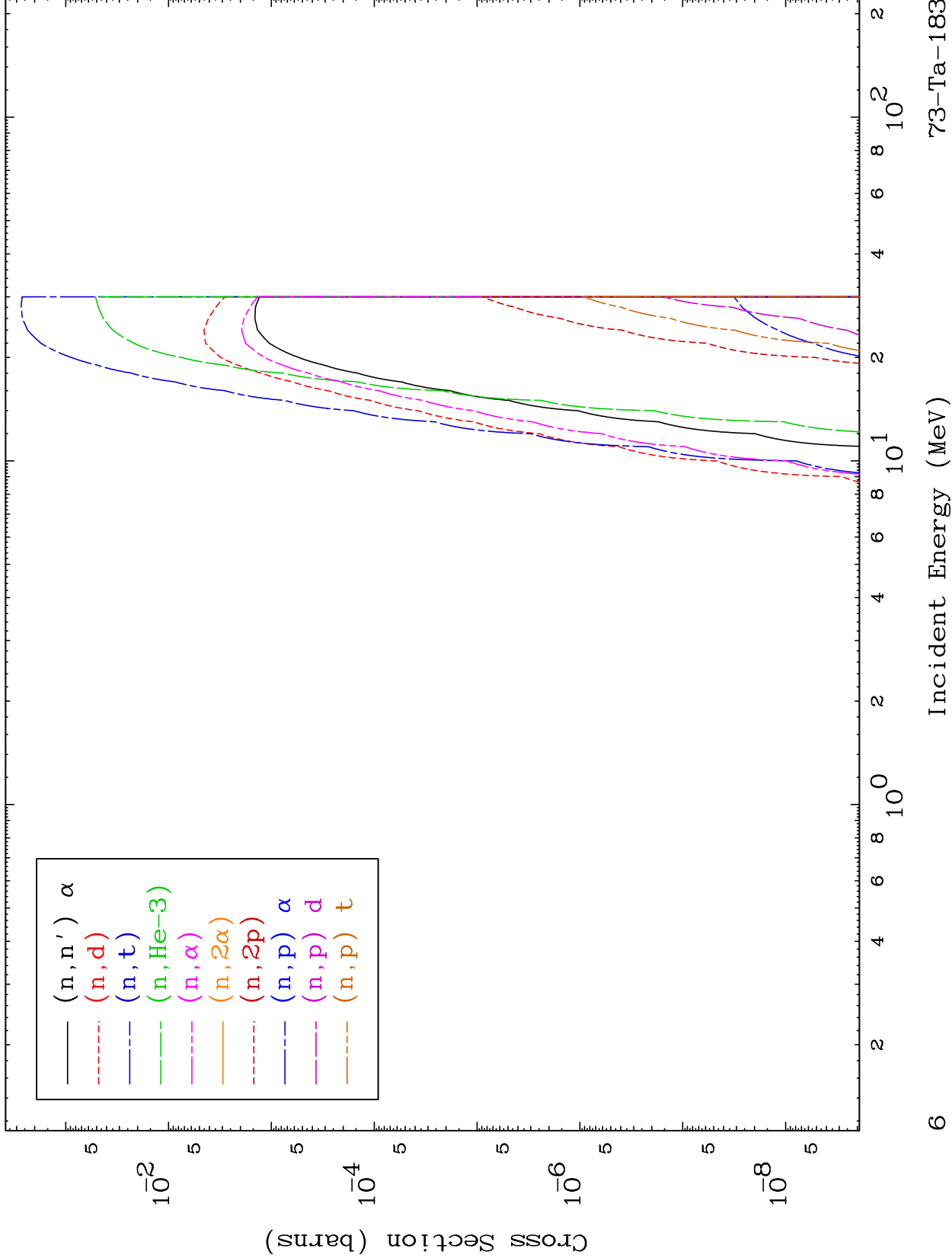
73-Ta-183



MAT 7334

He-3 Charged Particle  
0 Kelvin Cross Sections

73-Ta-183

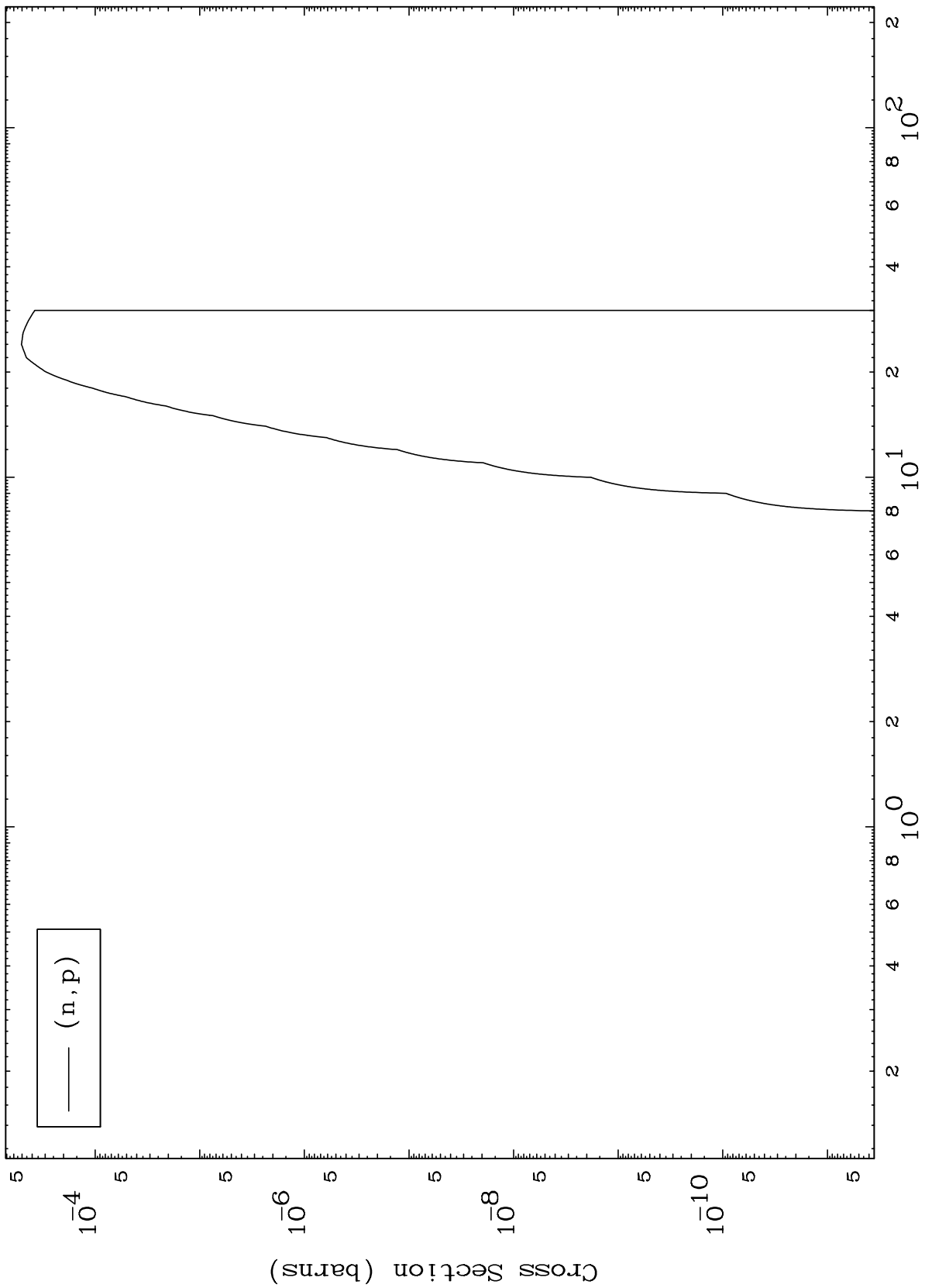


MAT 7334

(He-3,p) Levels

73-Ta-183

0 Kelvin Cross Sections



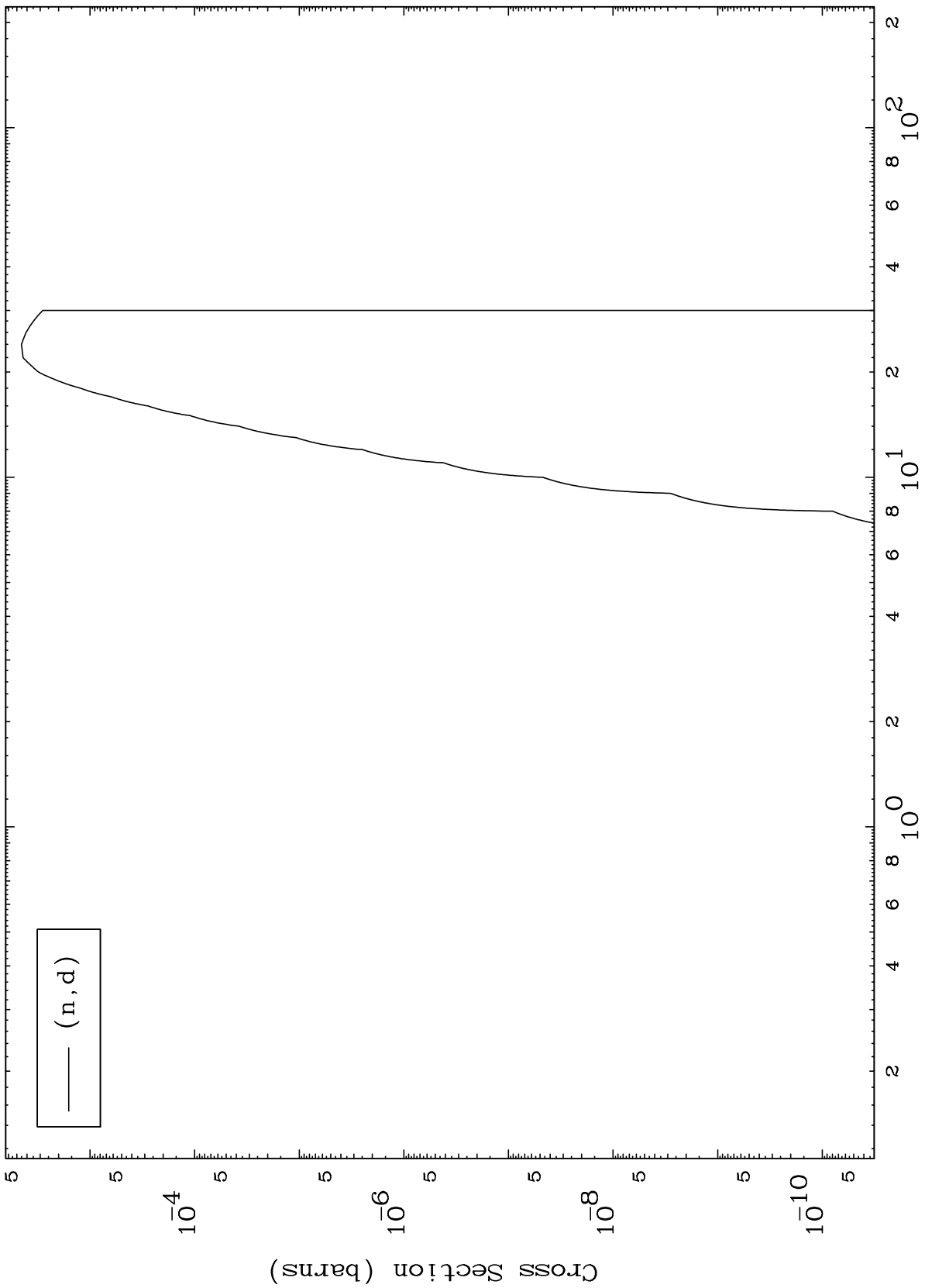


MAT 7334

(He-3,d) Levels

73-Ta-183

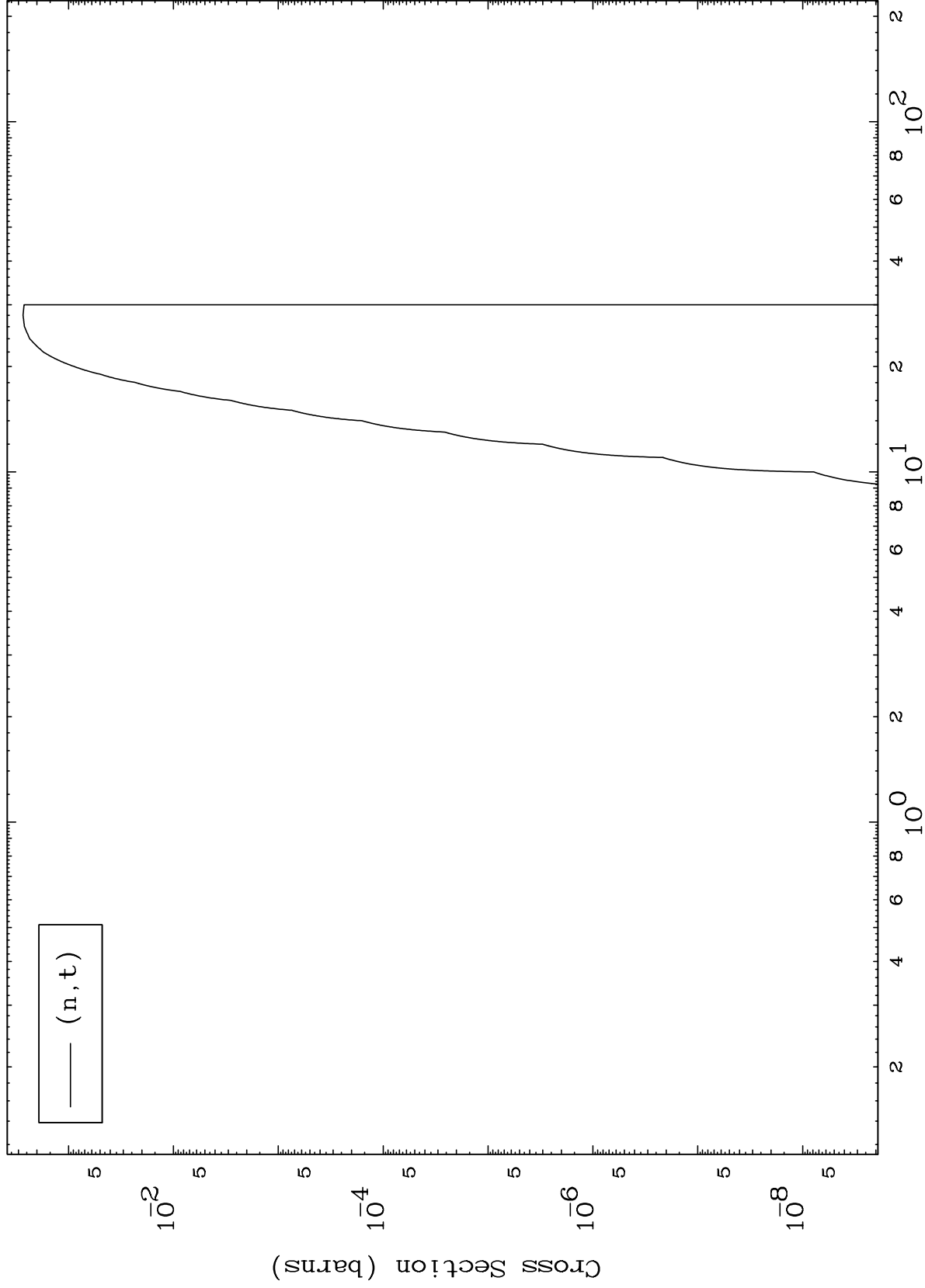
0 Kelvin Cross Sections



MAT 7334

73-Ta-183

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

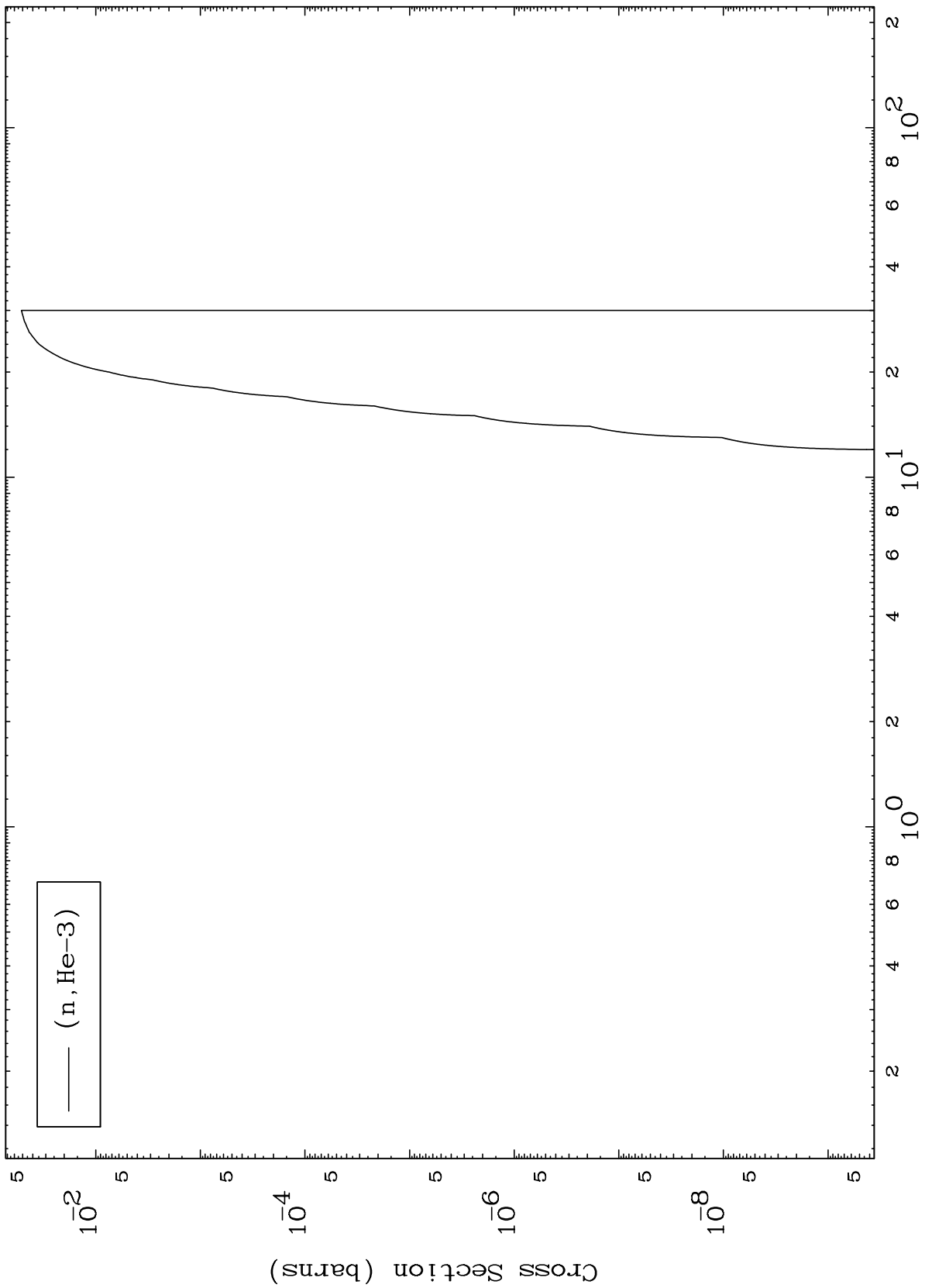


MAT 7334

(He-3, He3) Levels

73-Ta-183

0 Kelvin Cross Sections



10

Incident Energy (MeV)

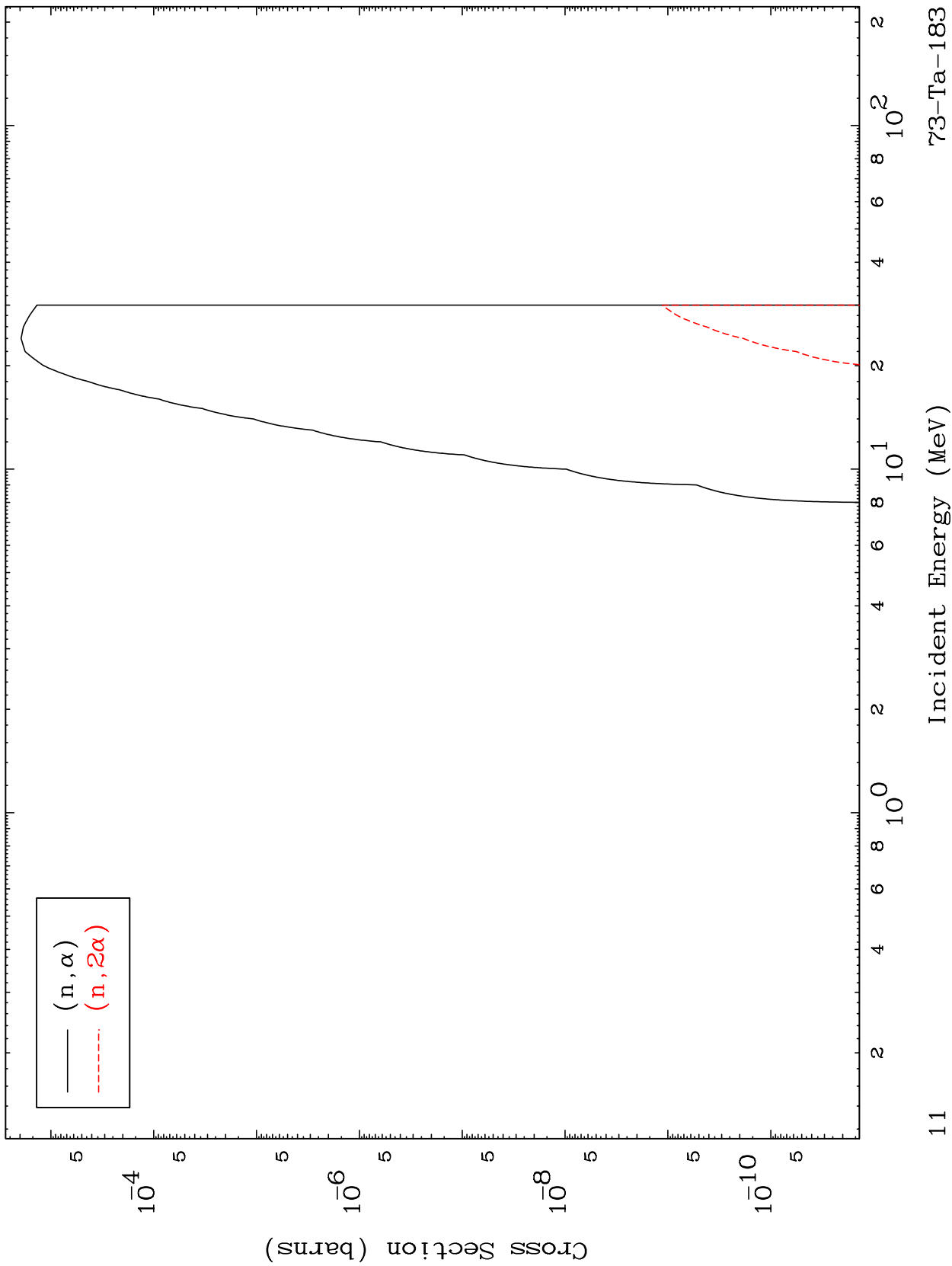
73-Ta-183

MAT 7334

(He-3,  $\alpha$ ) Levels

73-Ta-183

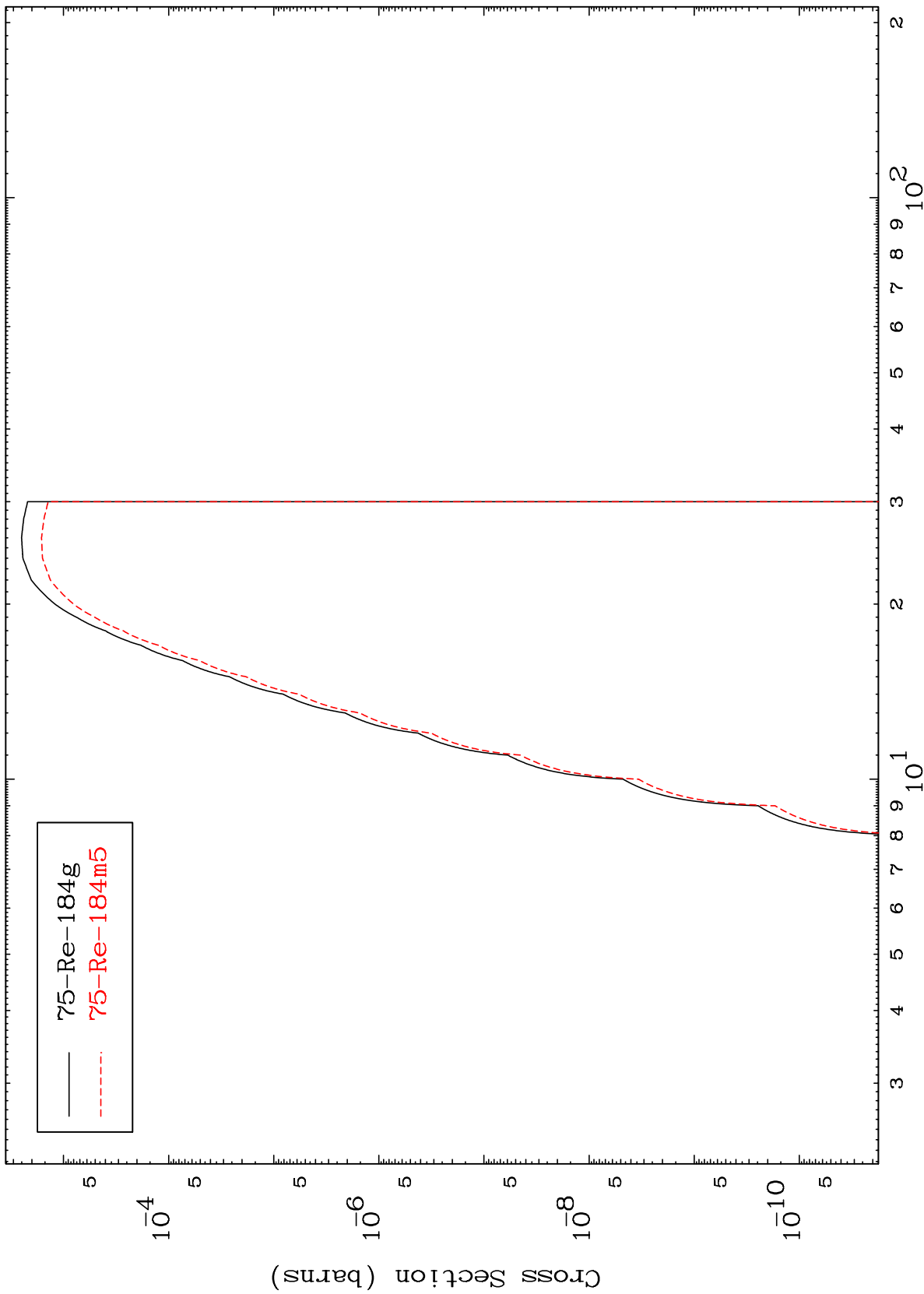
0 Kelvin Cross Sections



MAT 7334

73-Ta-183

(n,2n)  
Radionuclide Production Cross Section



73-Ta-183

Incident Energy (MeV)

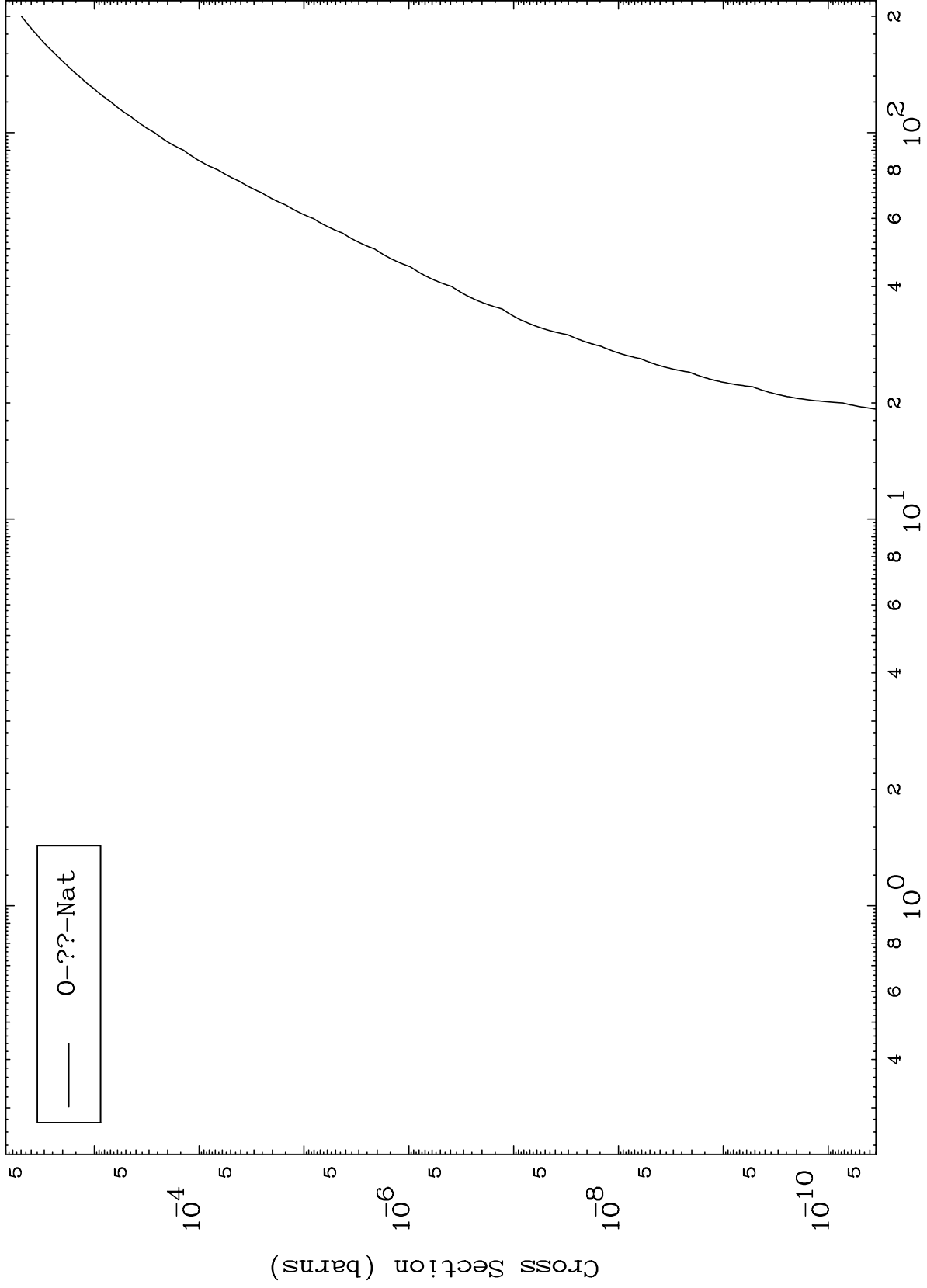
12

MAT 7334

Fission

<sup>73</sup>Ta-183

Radionuclide Production Cross Section

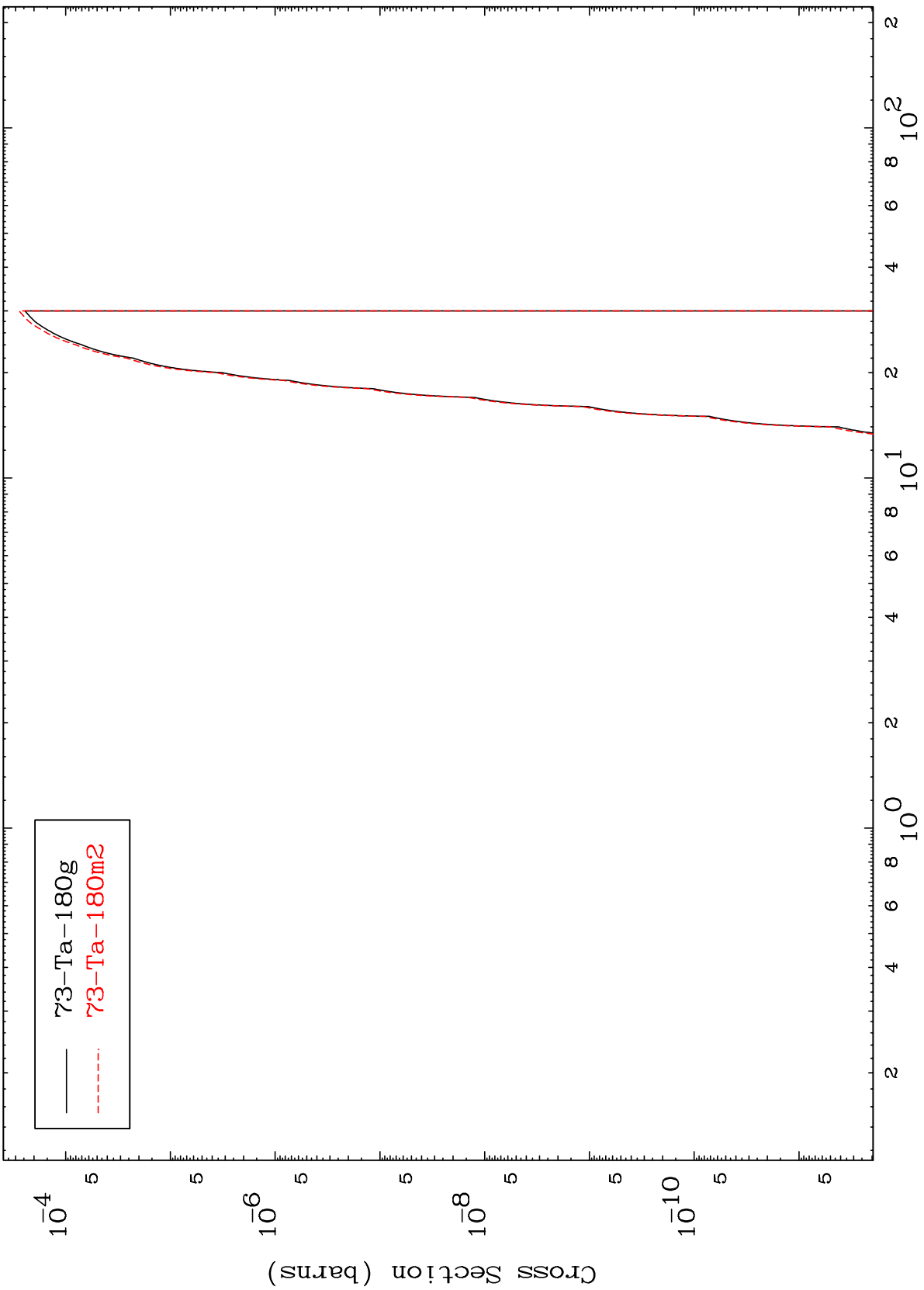


MAT 7334

(n,2n)  $\alpha$

<sup>73</sup>Ta-183

Radionuclide Production Cross Section



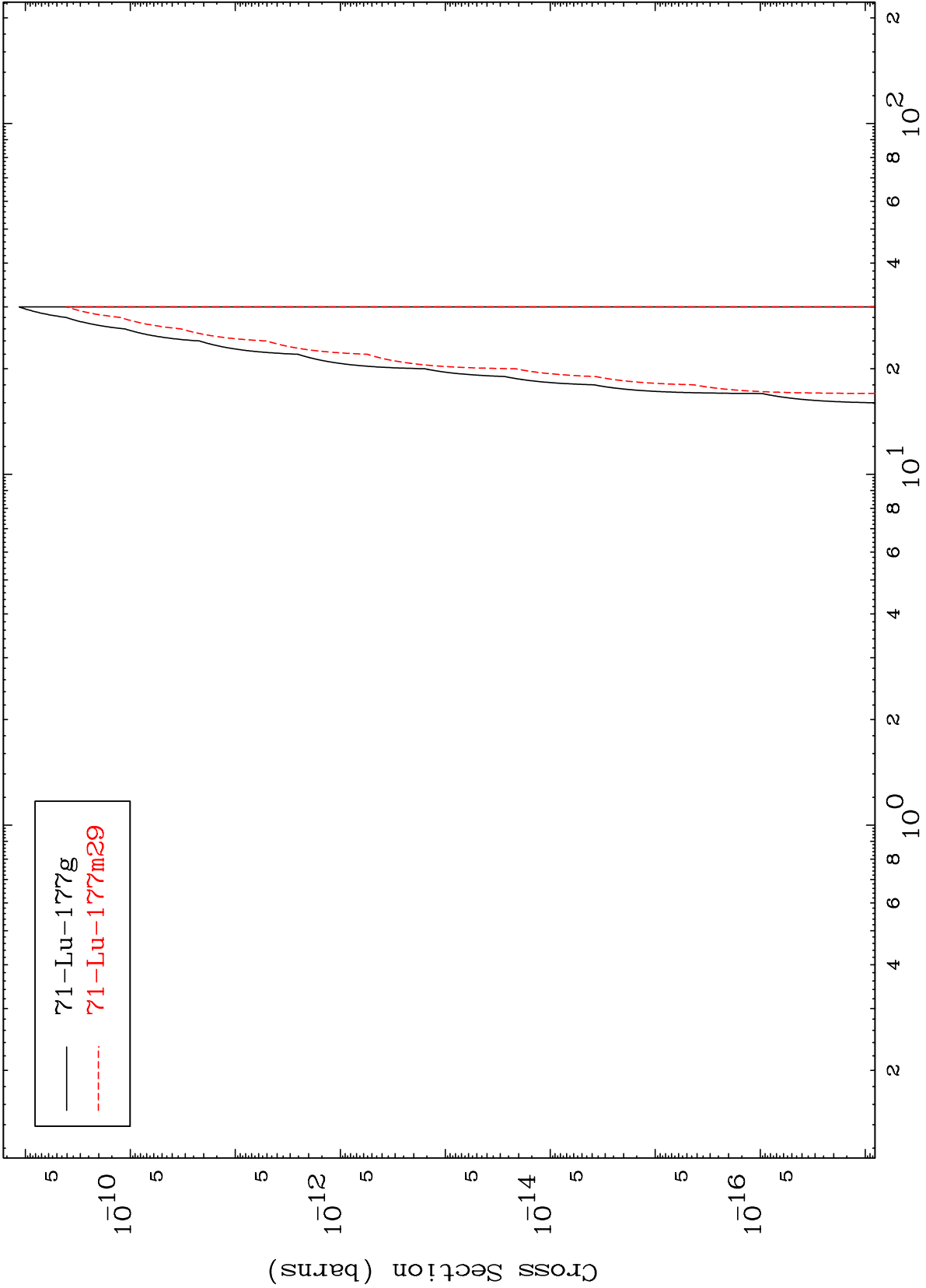
— 73-Ta-180g  
- - - 73-Ta-180m2

MAT 7334

(n,n') 2 $\alpha$

73-Ta-183

Radionuclide Production Cross Section



15

Incident Energy (MeV)

73-Ta-183

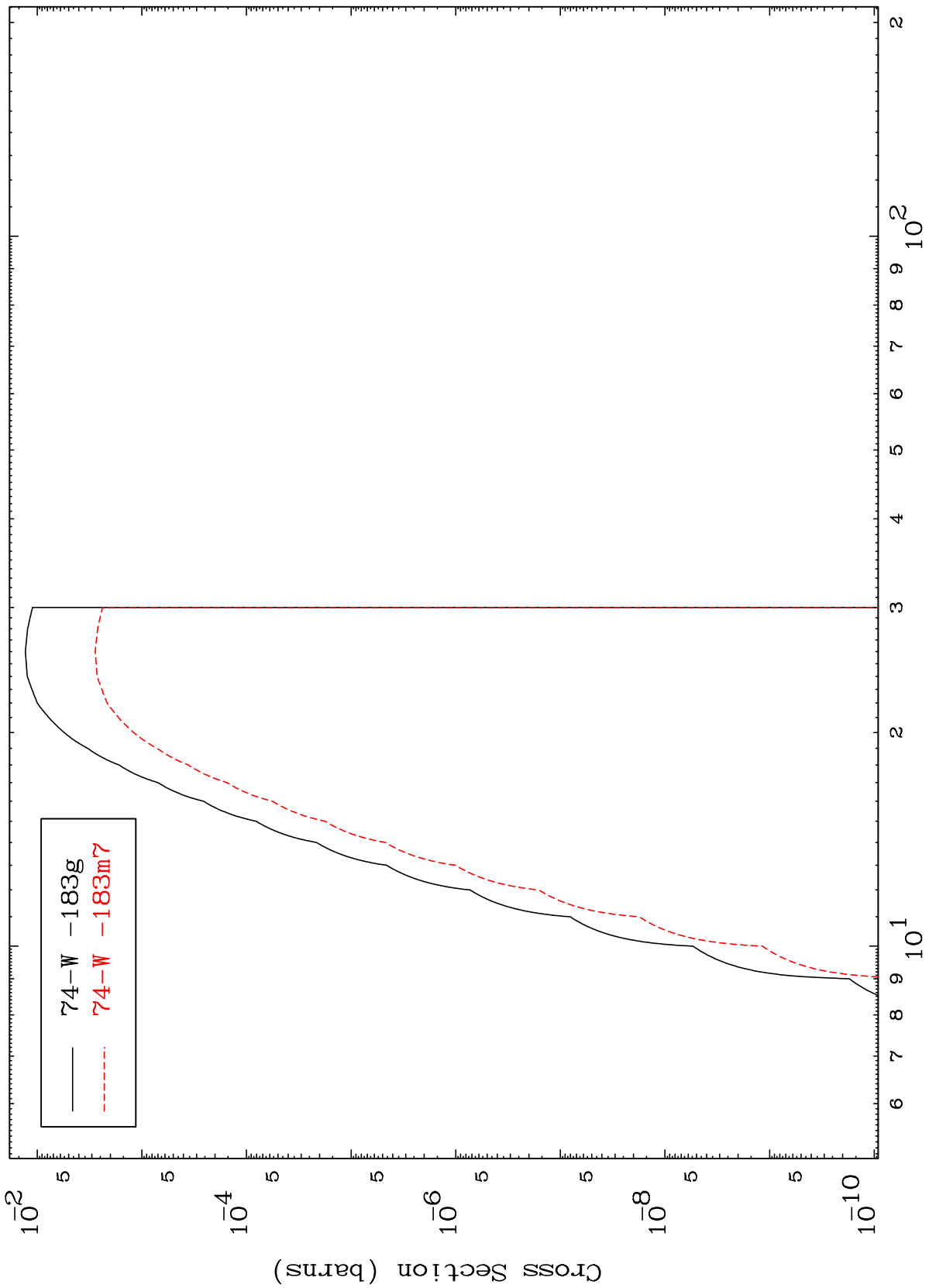


MAT 7334

(n,n') d

<sup>73</sup>Ta-183

Radionuclide Production Cross Section



16

Incident Energy (MeV)

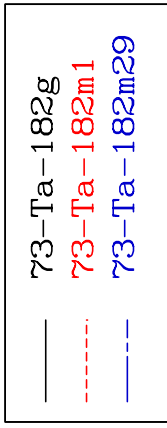
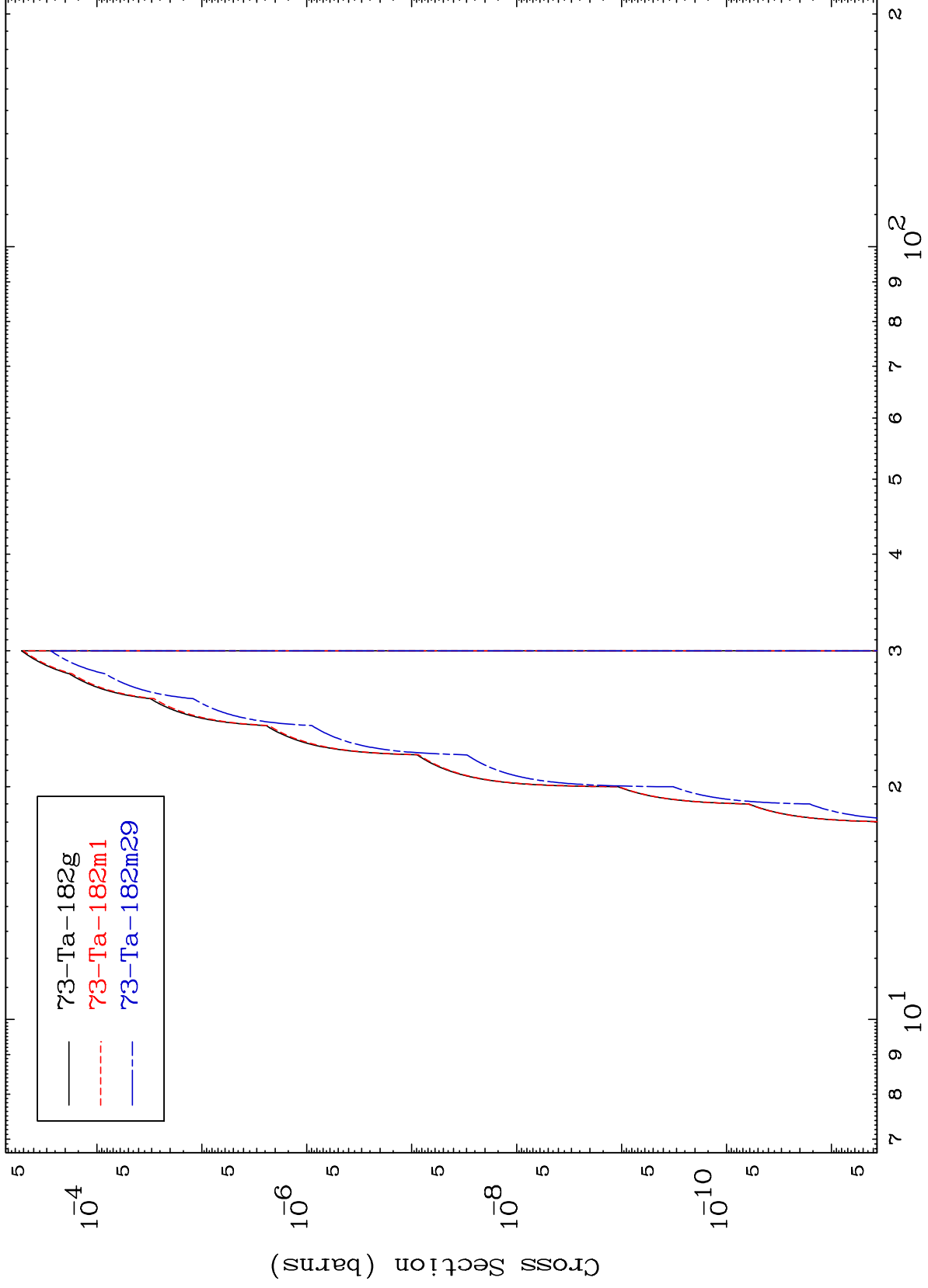
<sup>73</sup>Ta-183

MAT 7334

(n,n') He-3

73-Ta-183

Radionuclide Production Cross Section



17

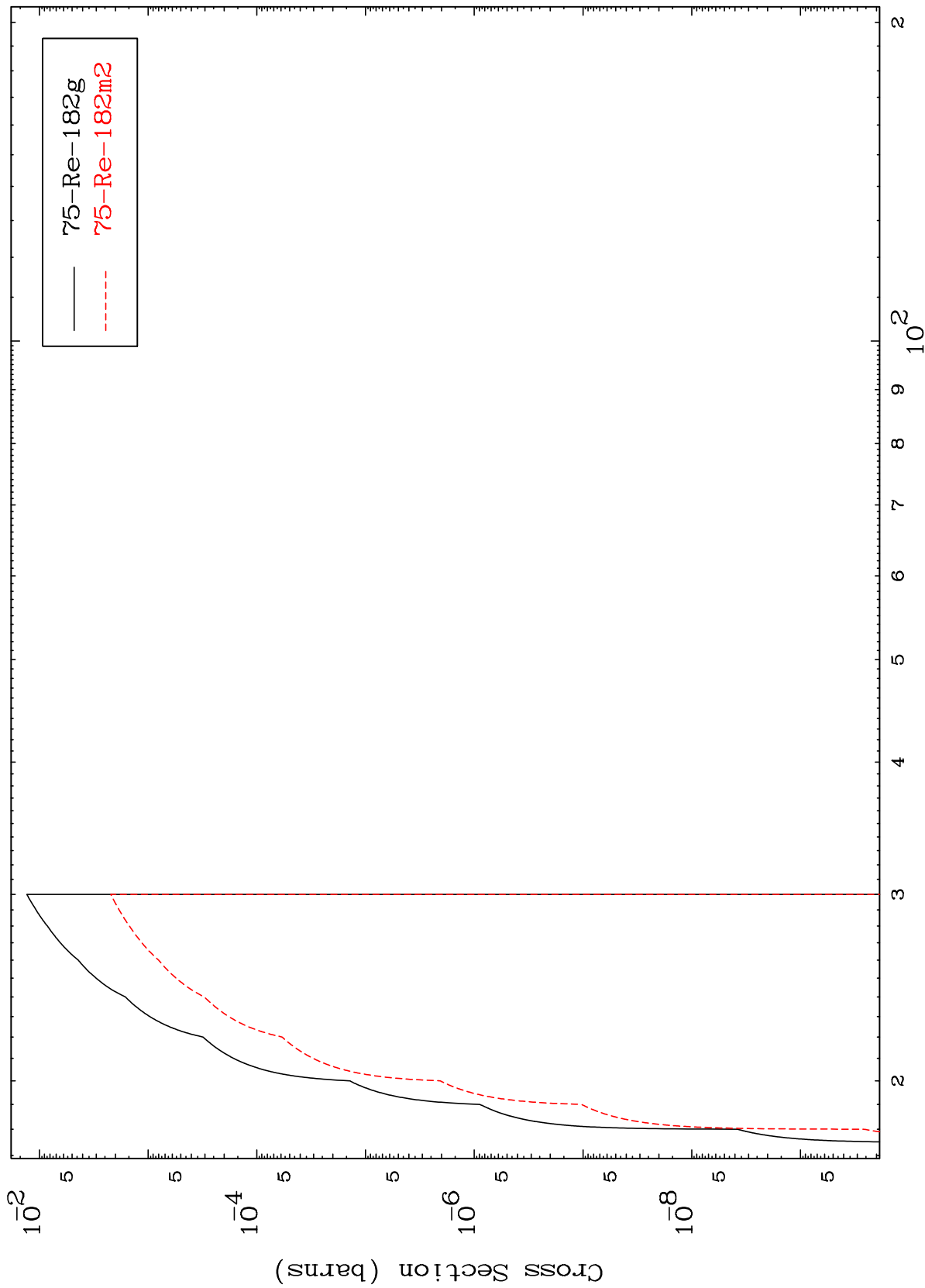
Incident Energy (MeV)

73-Ta-183

MAT 7334

73-Ta-183

(n,4n)  
Radionuclide Production Cross Section



18

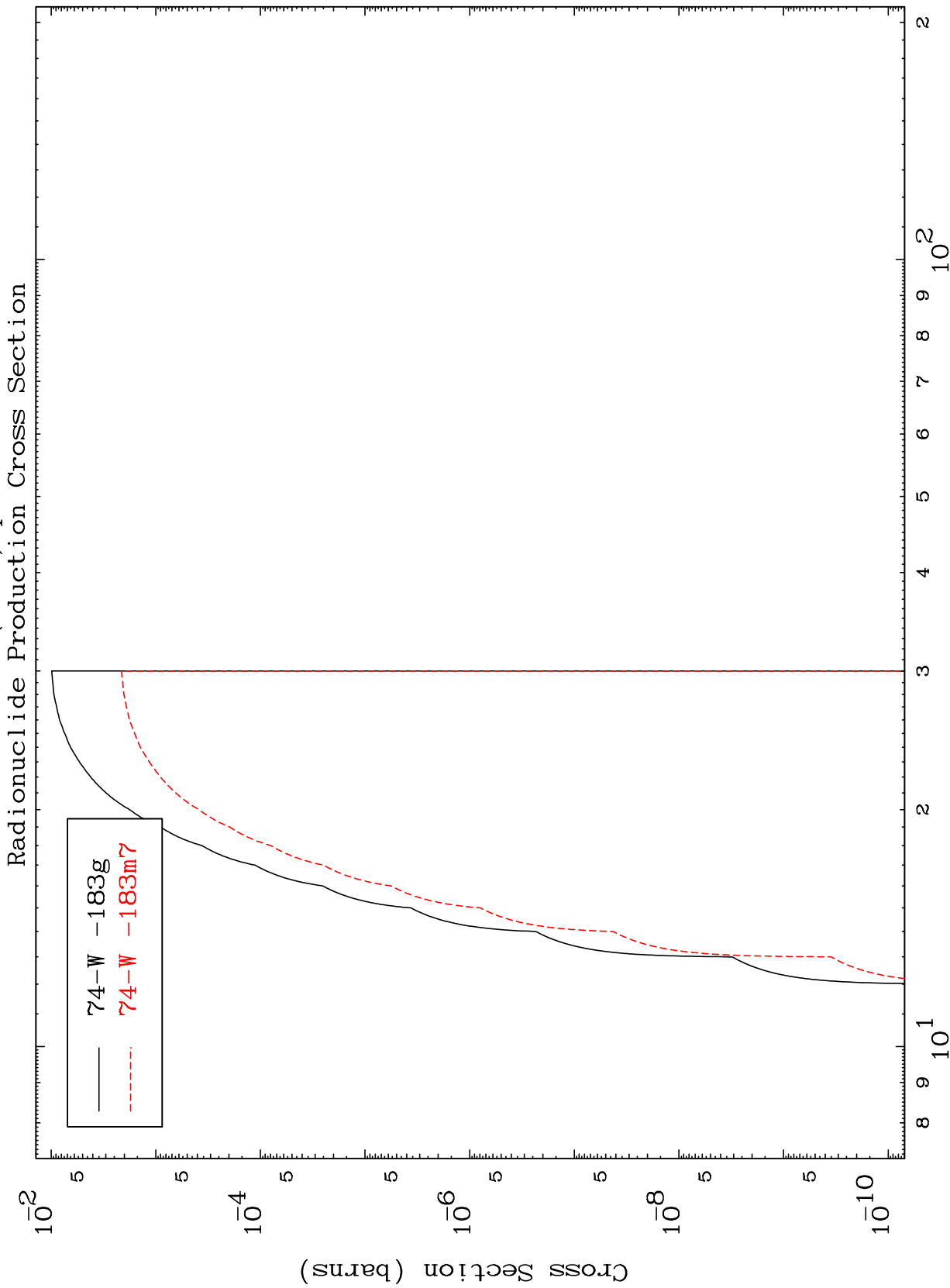
Incident Energy (MeV)

73-Ta-183

MAT 7334

(n,2n) p

<sup>73</sup>Ta-183



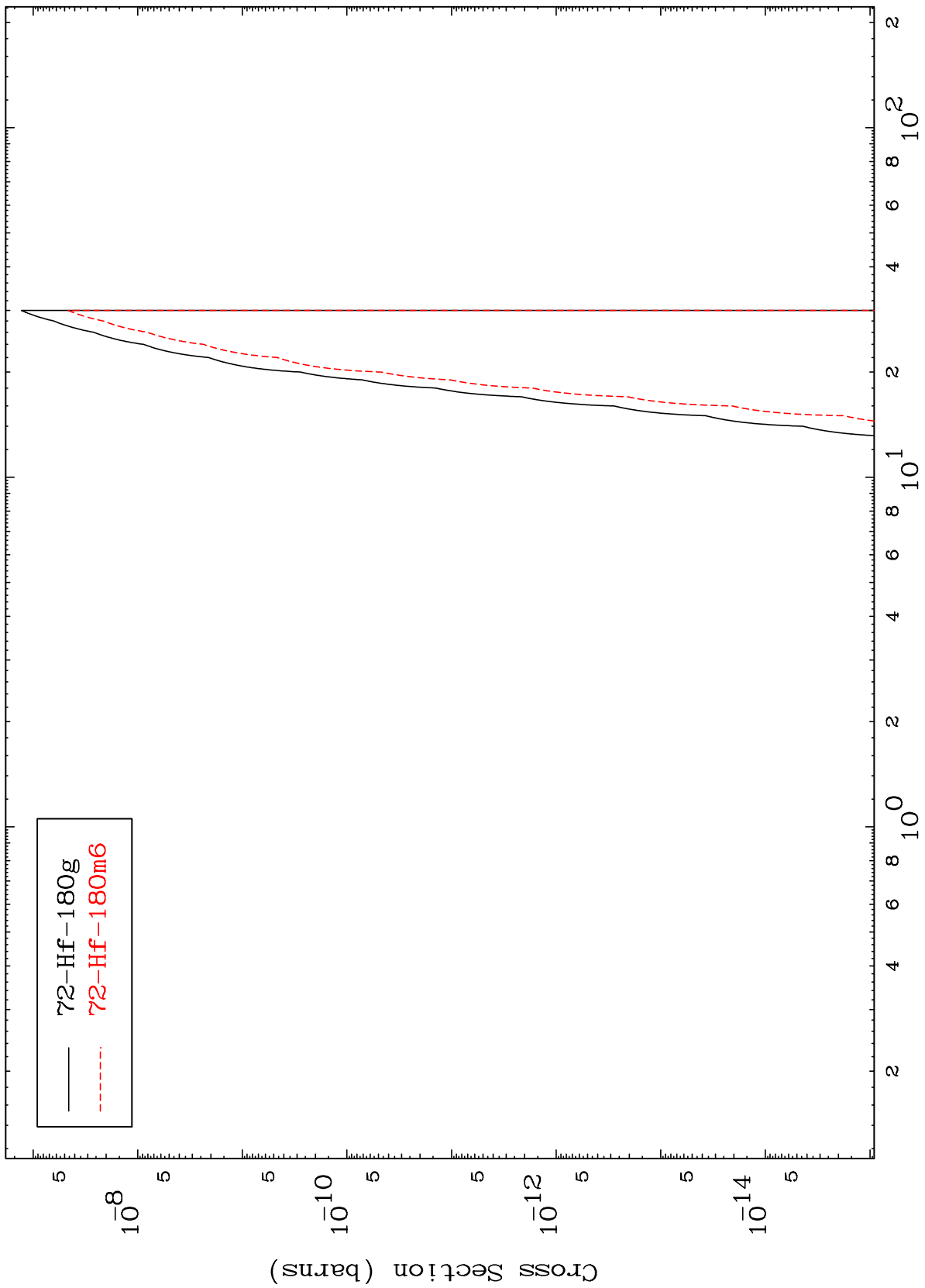
74-W - 183g  
74-W - 183m7

MAT 7334

(n,n') p  $\alpha$

<sup>73</sup>Ta-183

Radionuclide Production Cross Section



20

Incident Energy (MeV)

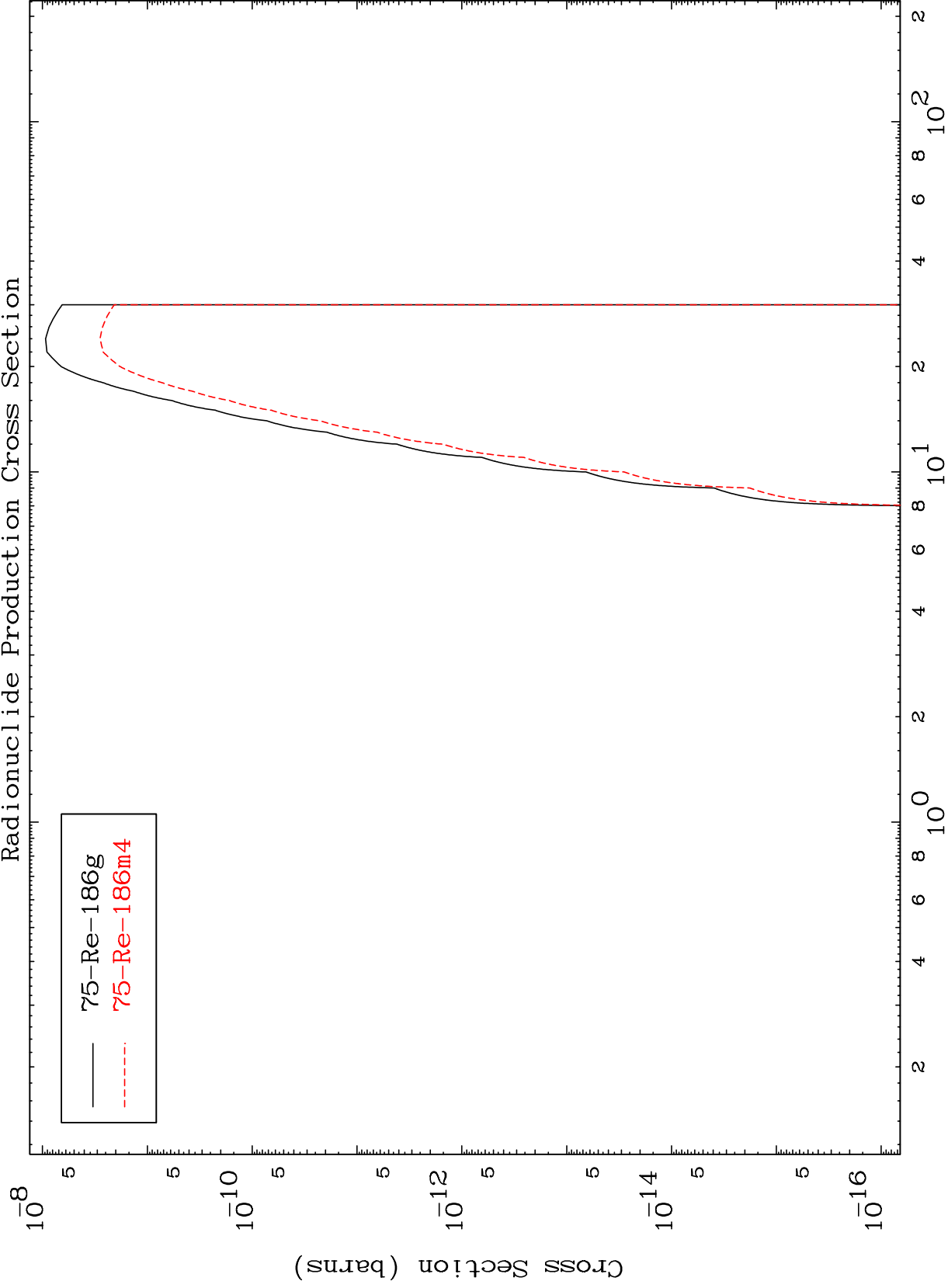
<sup>73</sup>Ta-183

MAT 7334

(n,  $\gamma$ )

73-Ta-183

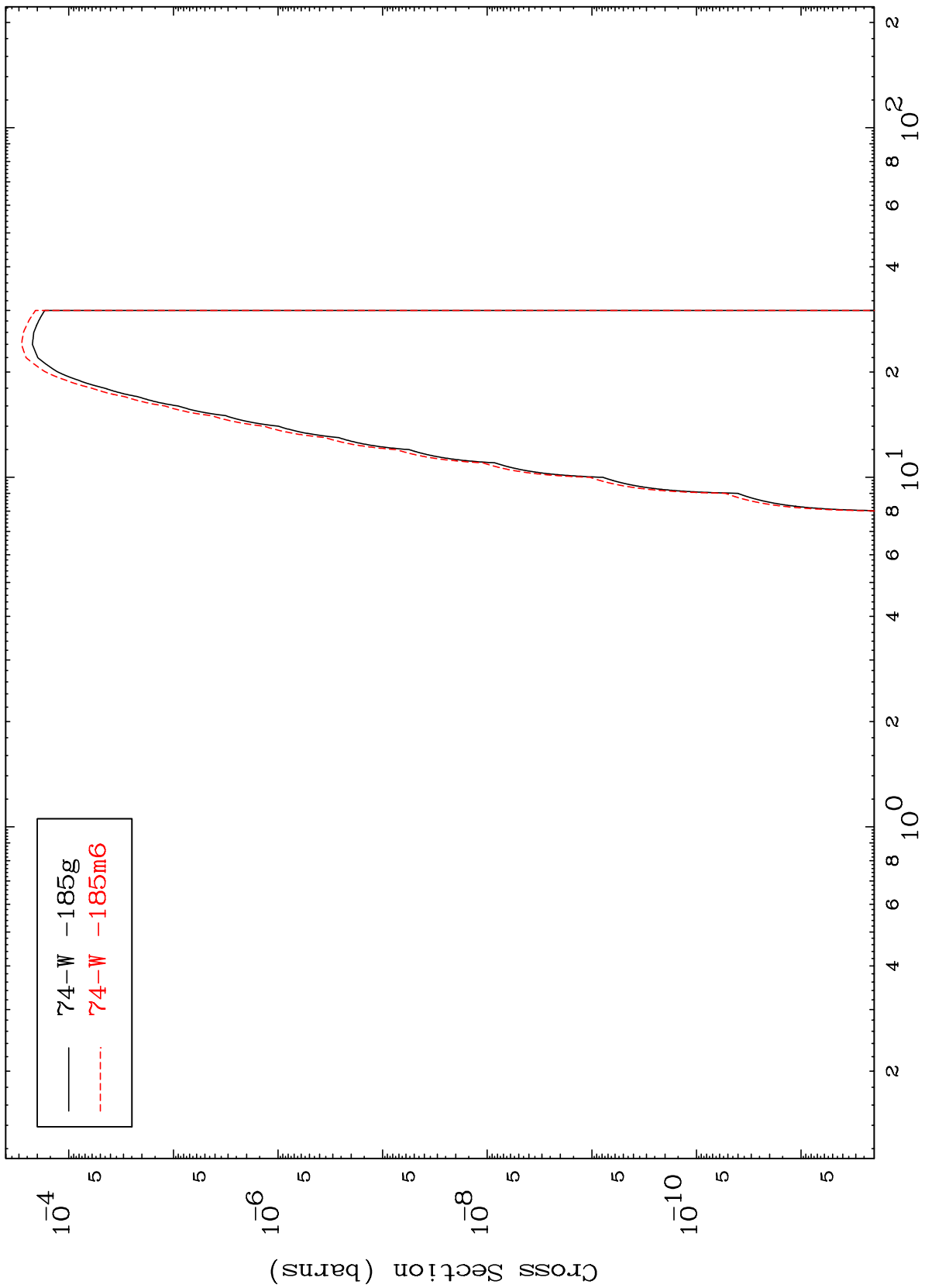
Radionuclide Production Cross Section



MAT 7334

73-Ta-183

(n,p)  
Radionuclide Production Cross Section



74-W -185g  
74-W -185m6

73-Ta-183

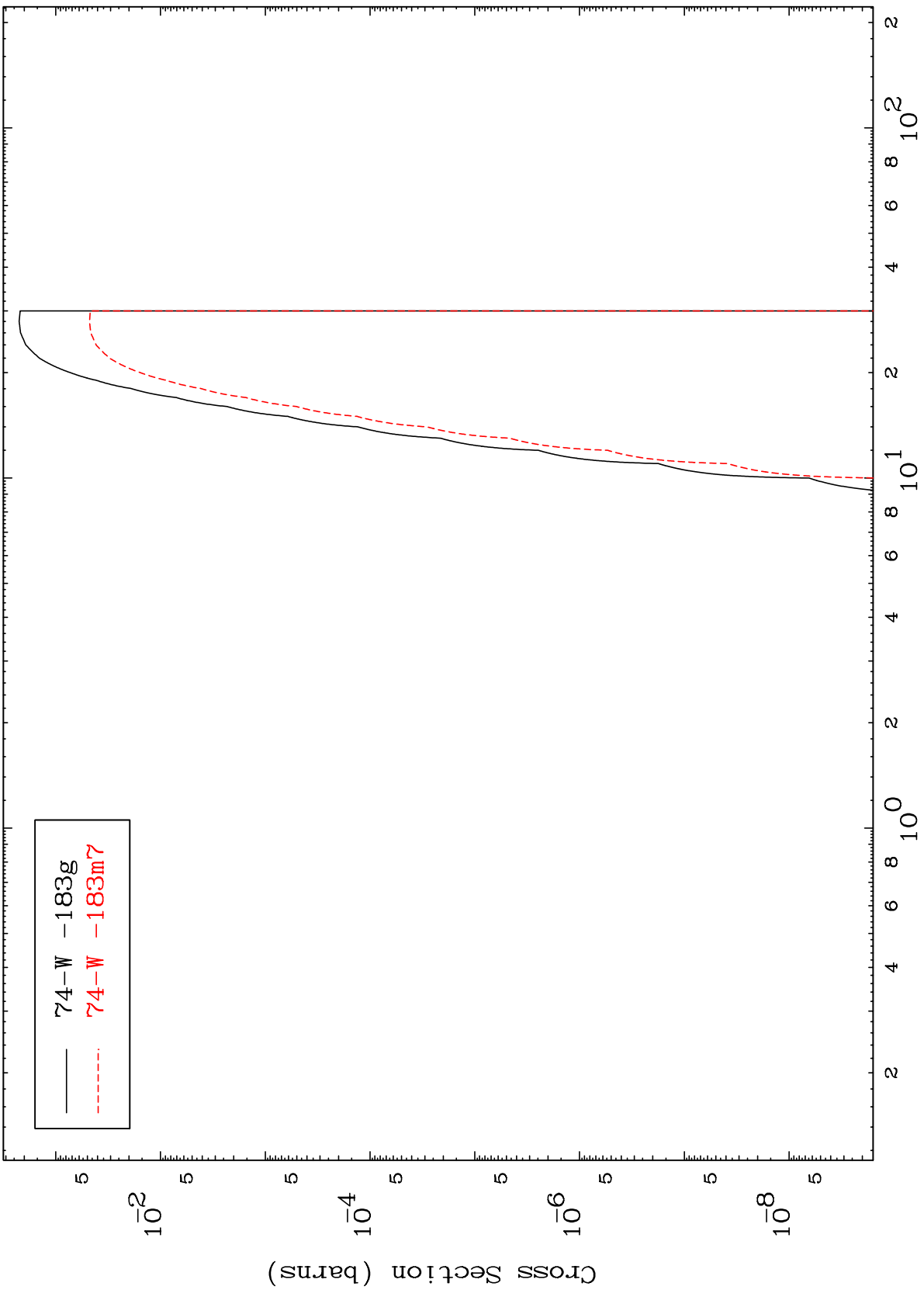
Incident Energy (MeV)

MAT 7334

(n, t)

<sup>73</sup>Ta-183

Radionuclide Production Cross Section



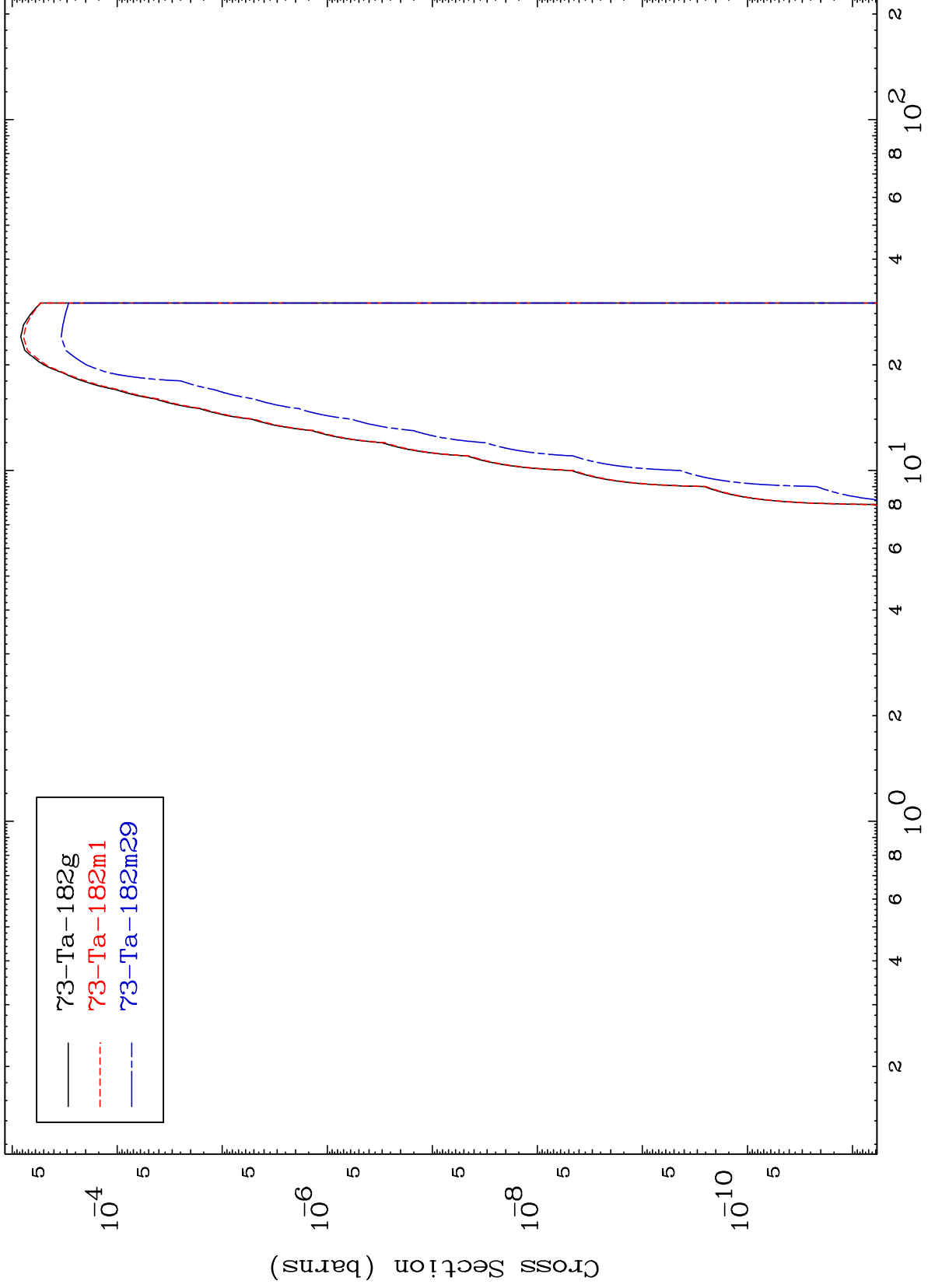
74-W - 183g  
74-W - 183m7



MAT 7334

73-Ta-183

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



24

73-Ta-183

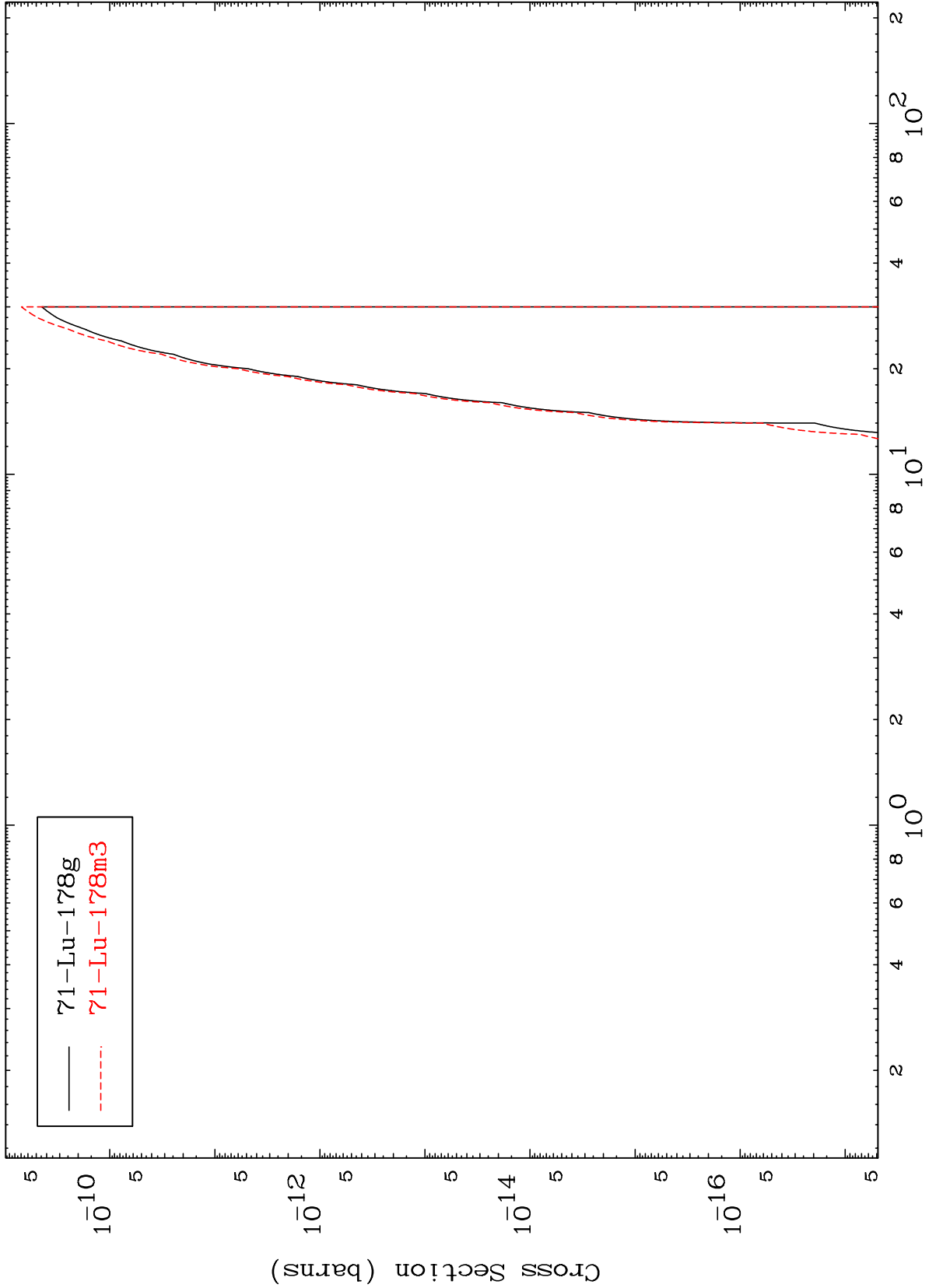
Incident Energy (MeV)

MAT 7334

(n,2α)

73-Ta-183

Radionuclide Production Cross Section



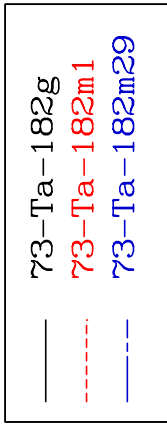
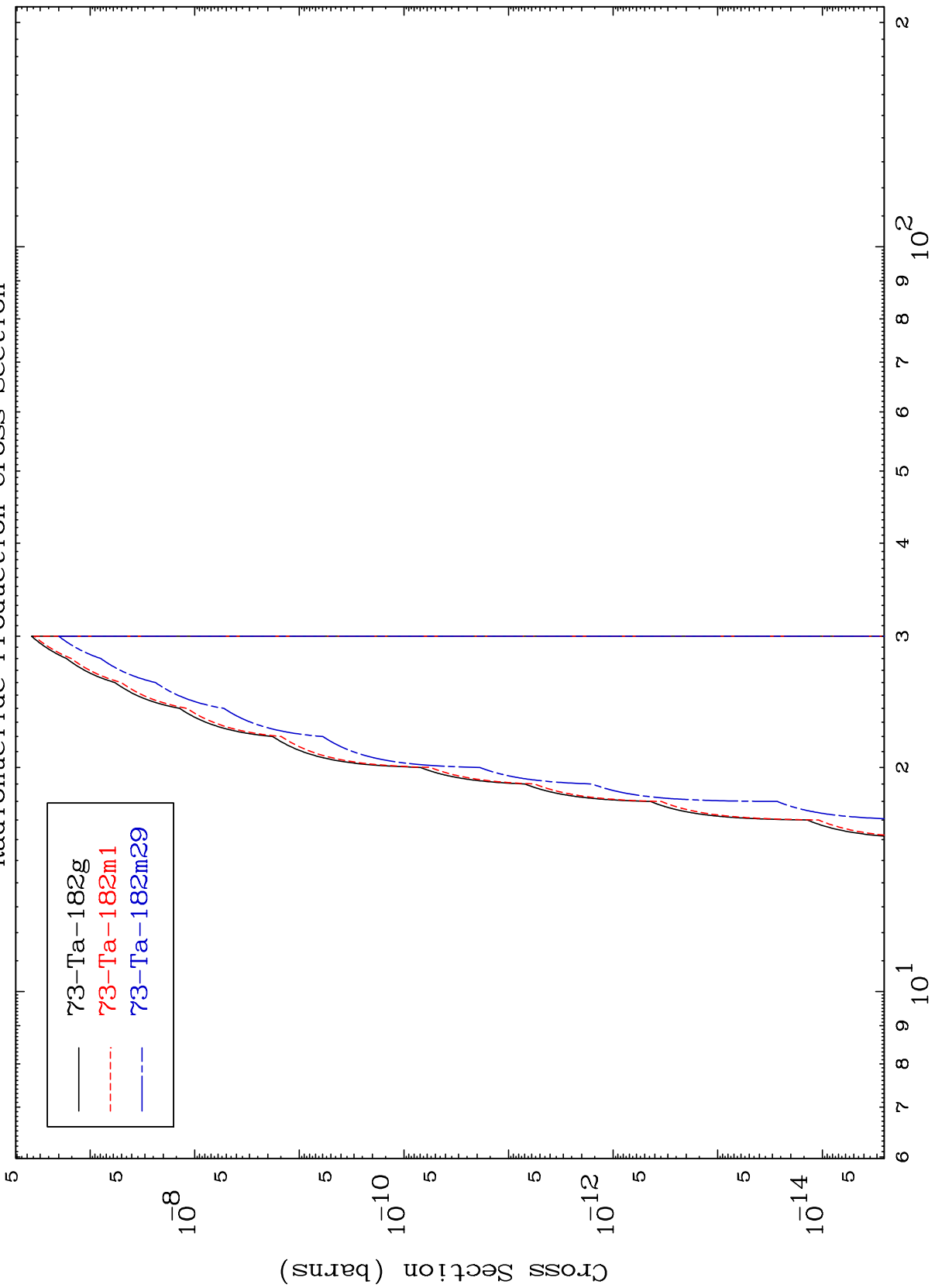
71-Lu-178g  
71-Lu-178m3

MAT 7334

(n,p) t

<sup>73</sup>Ta-<sup>183</sup>

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>73</sup>Ta-<sup>183</sup>

26

