

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)

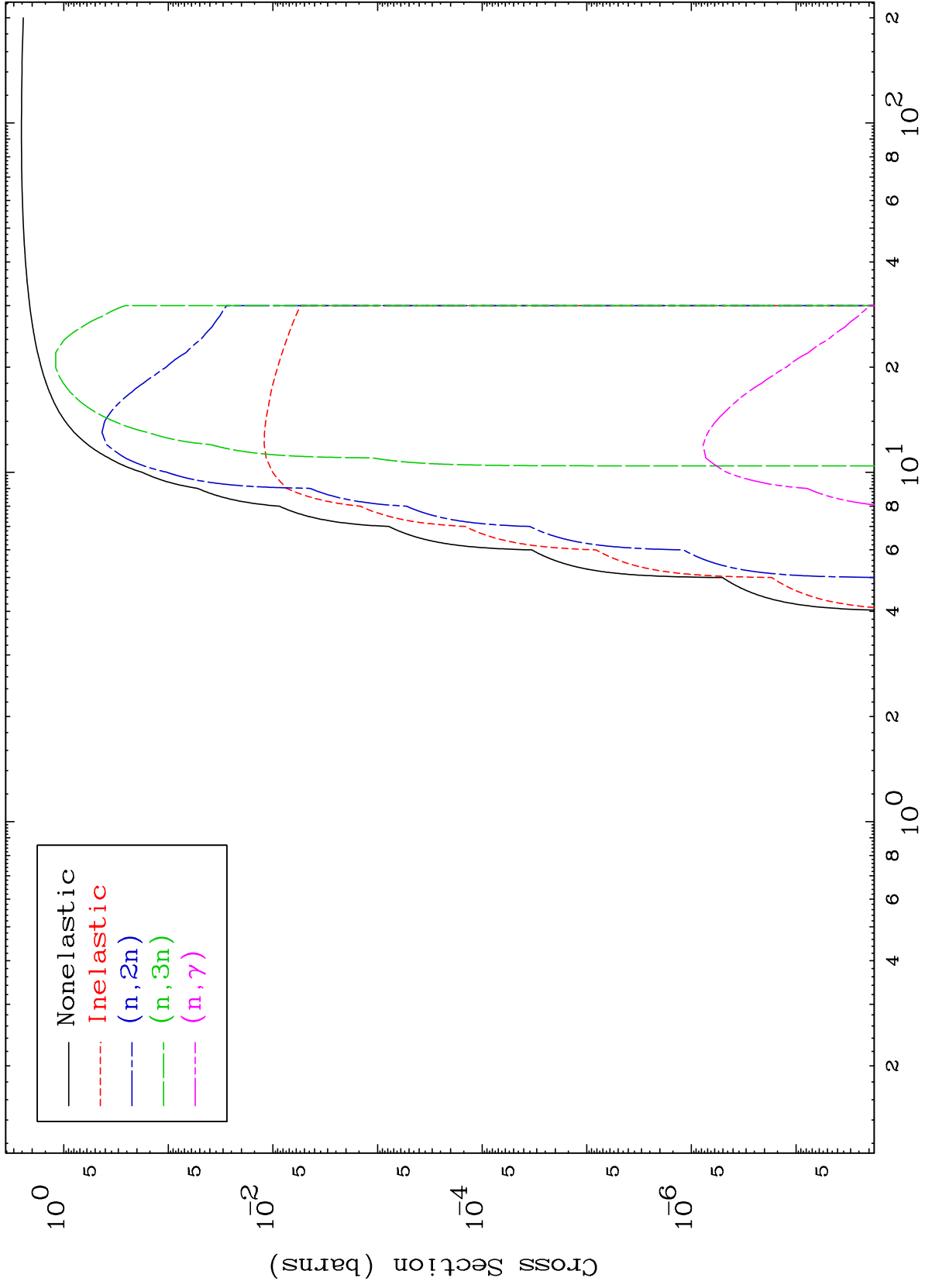
Press Mouse Button to Start

MAT 7725

Triton Major

77-Ir-191

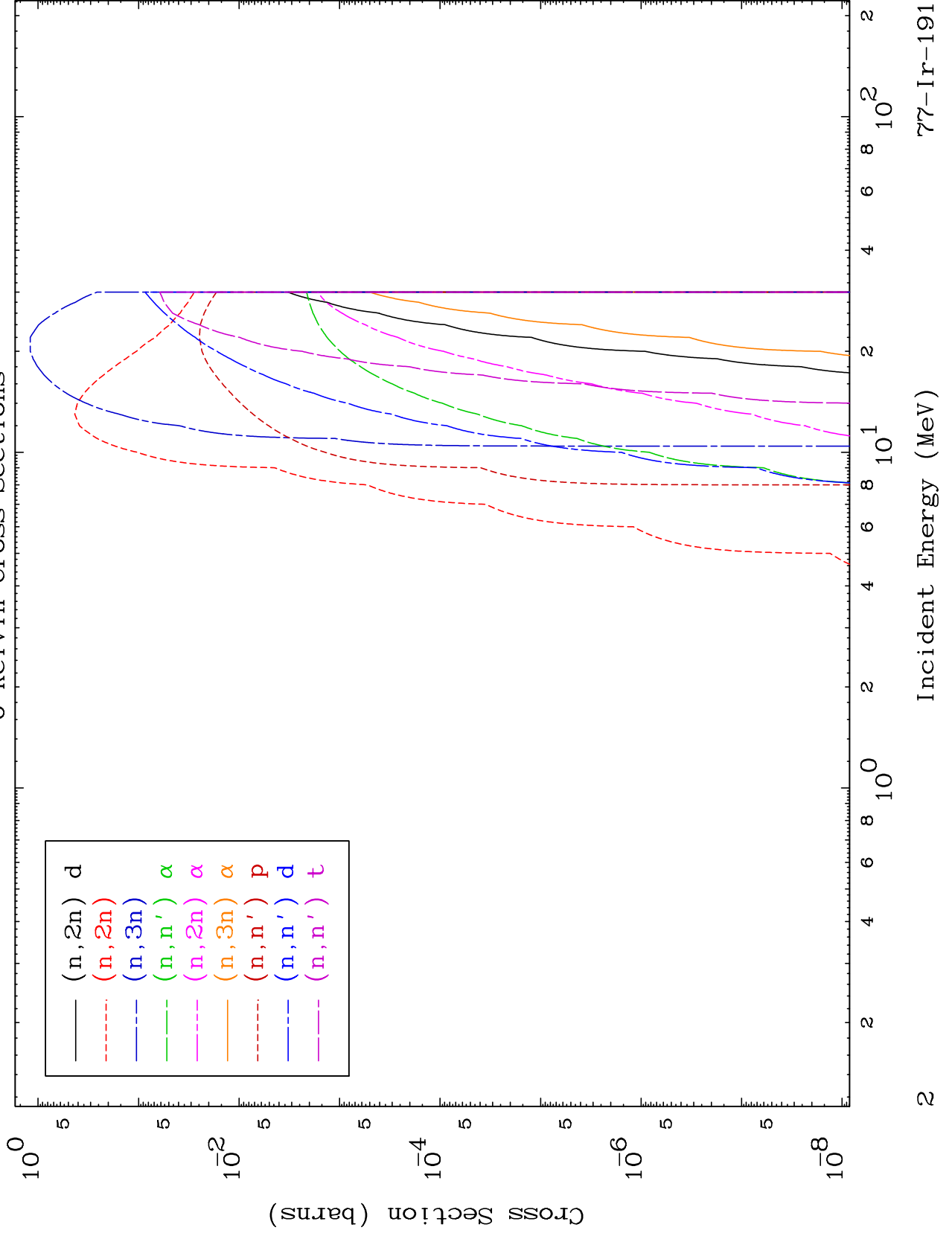
0 Kelvin Cross Sections



MAT 7725

Triton Neutron Absorption  
0 Kelvin Cross Sections

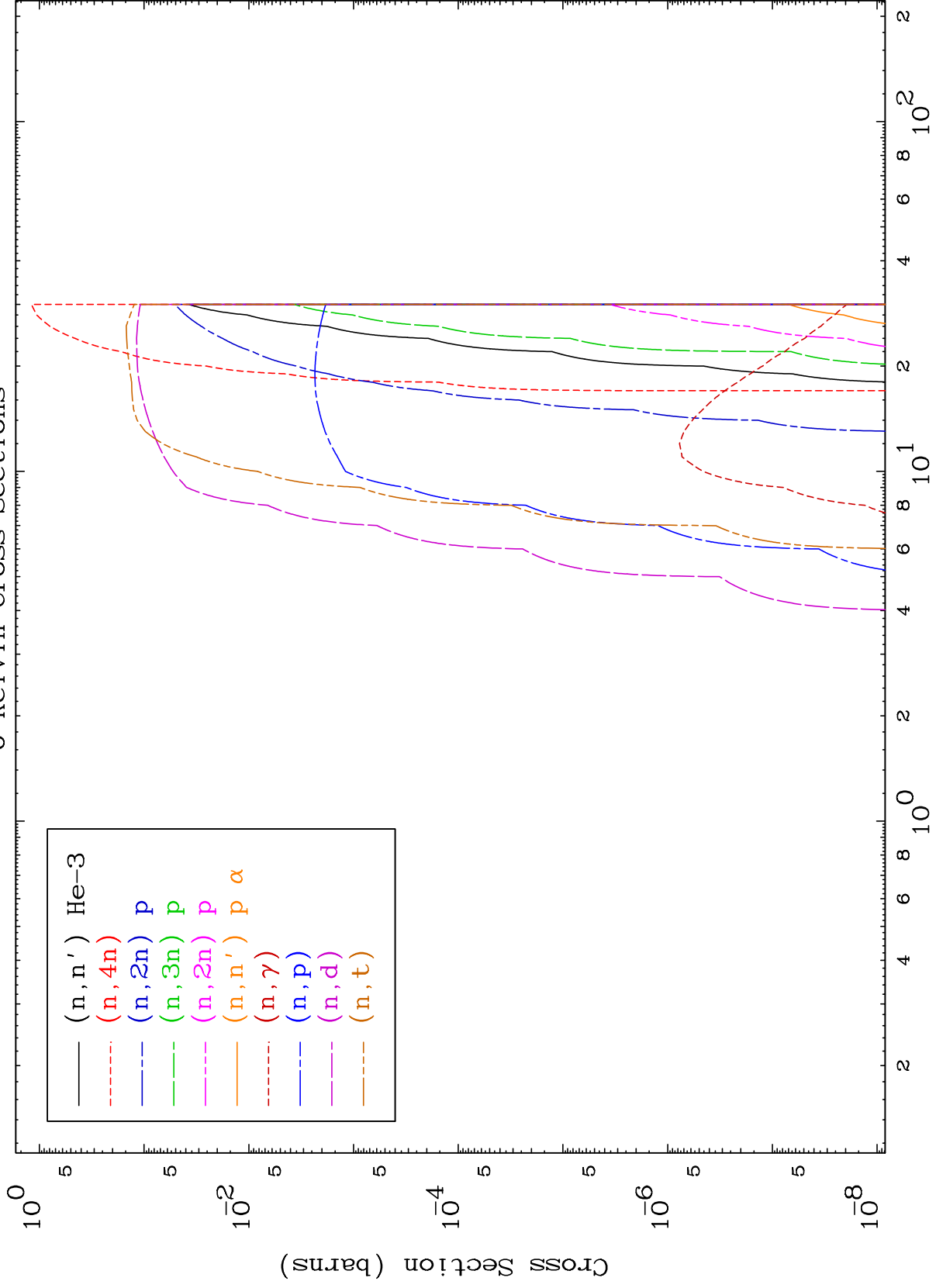
<sup>77</sup>Ir-191

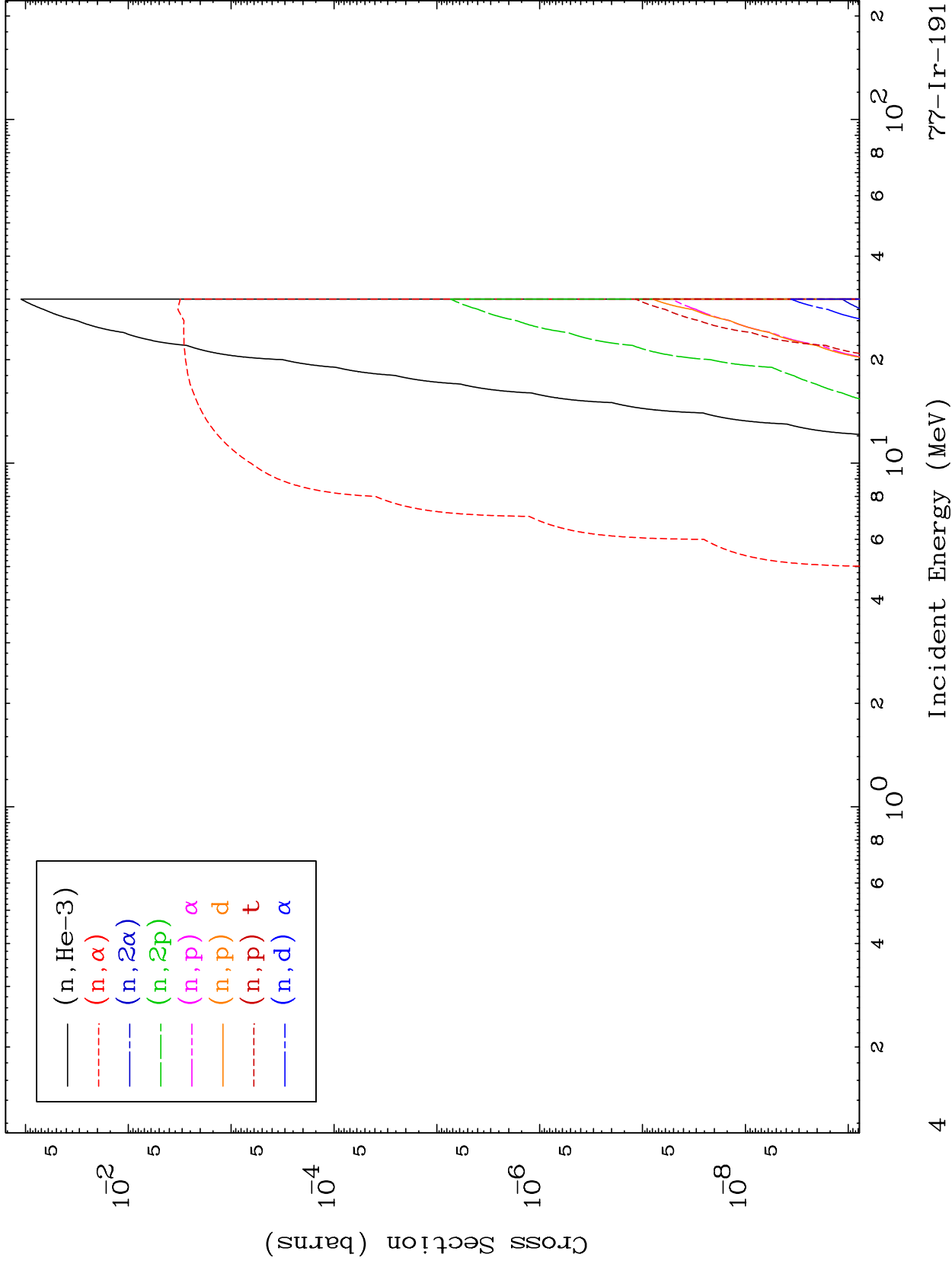


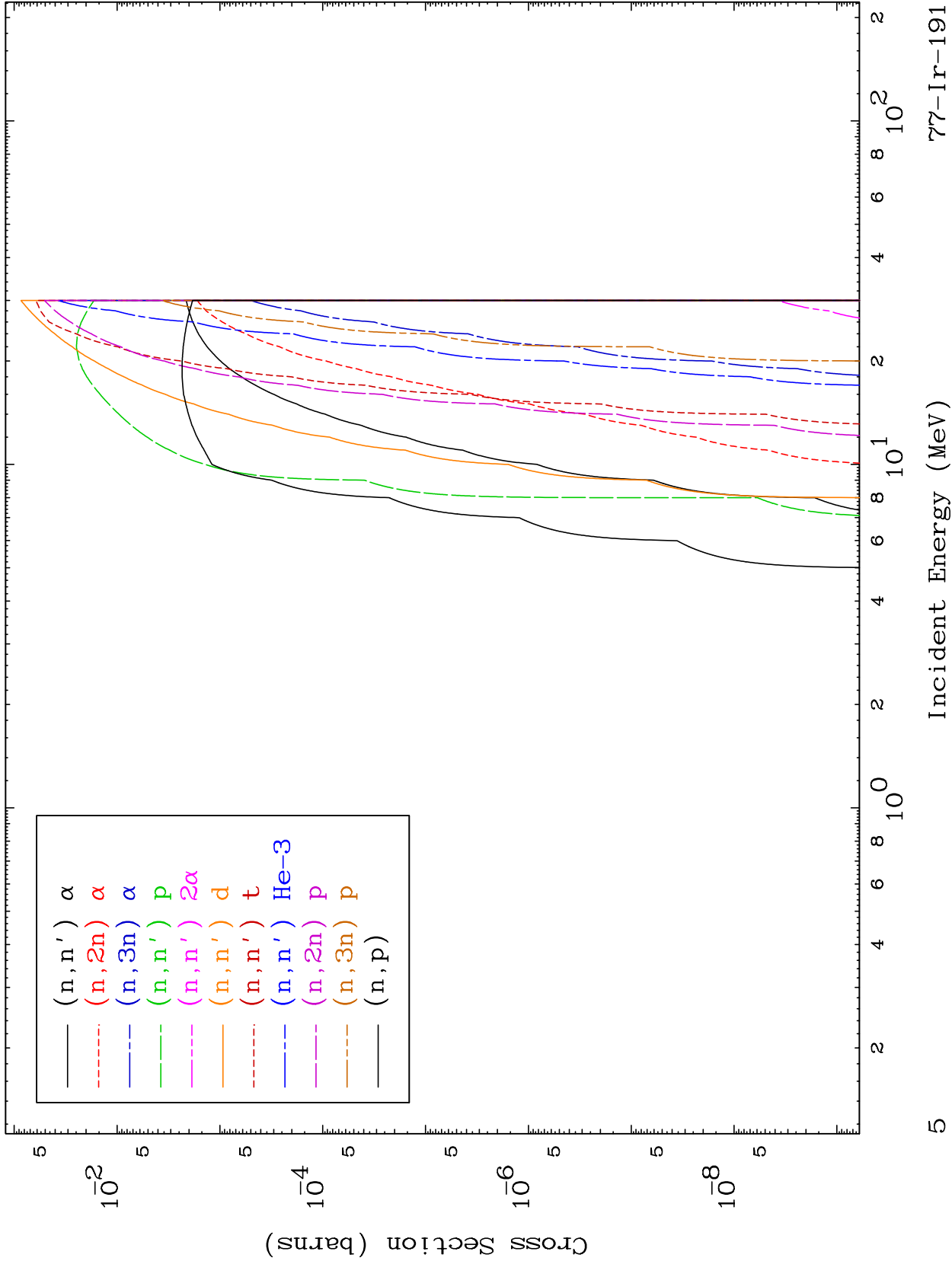
MAT 7725

Triton Neutron Absorption  
0 Kelvin Cross Sections

<sup>77</sup>Ir-191



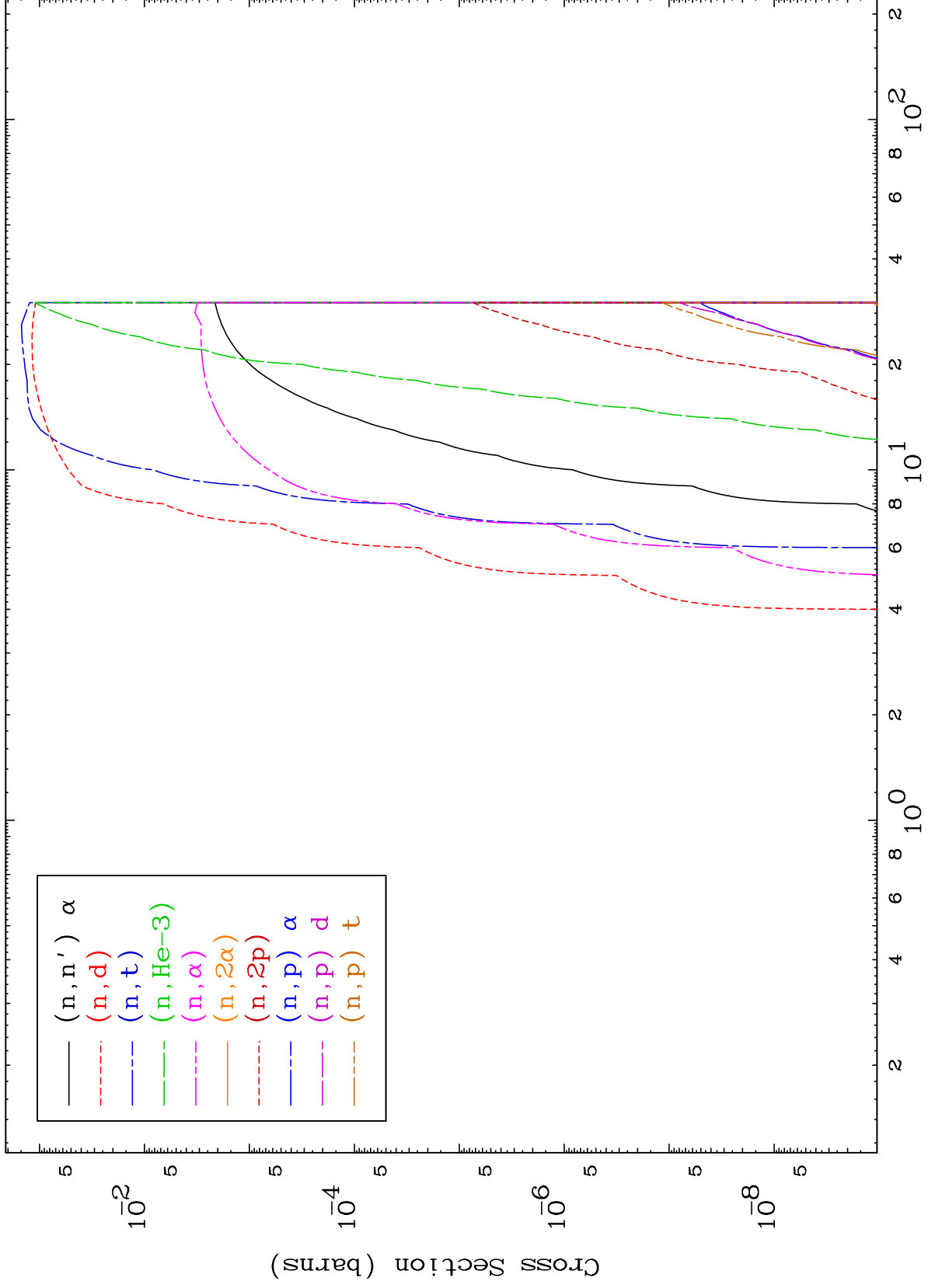




MAT 7725

Triton Charged Particle  
0 Kelvin Cross Sections

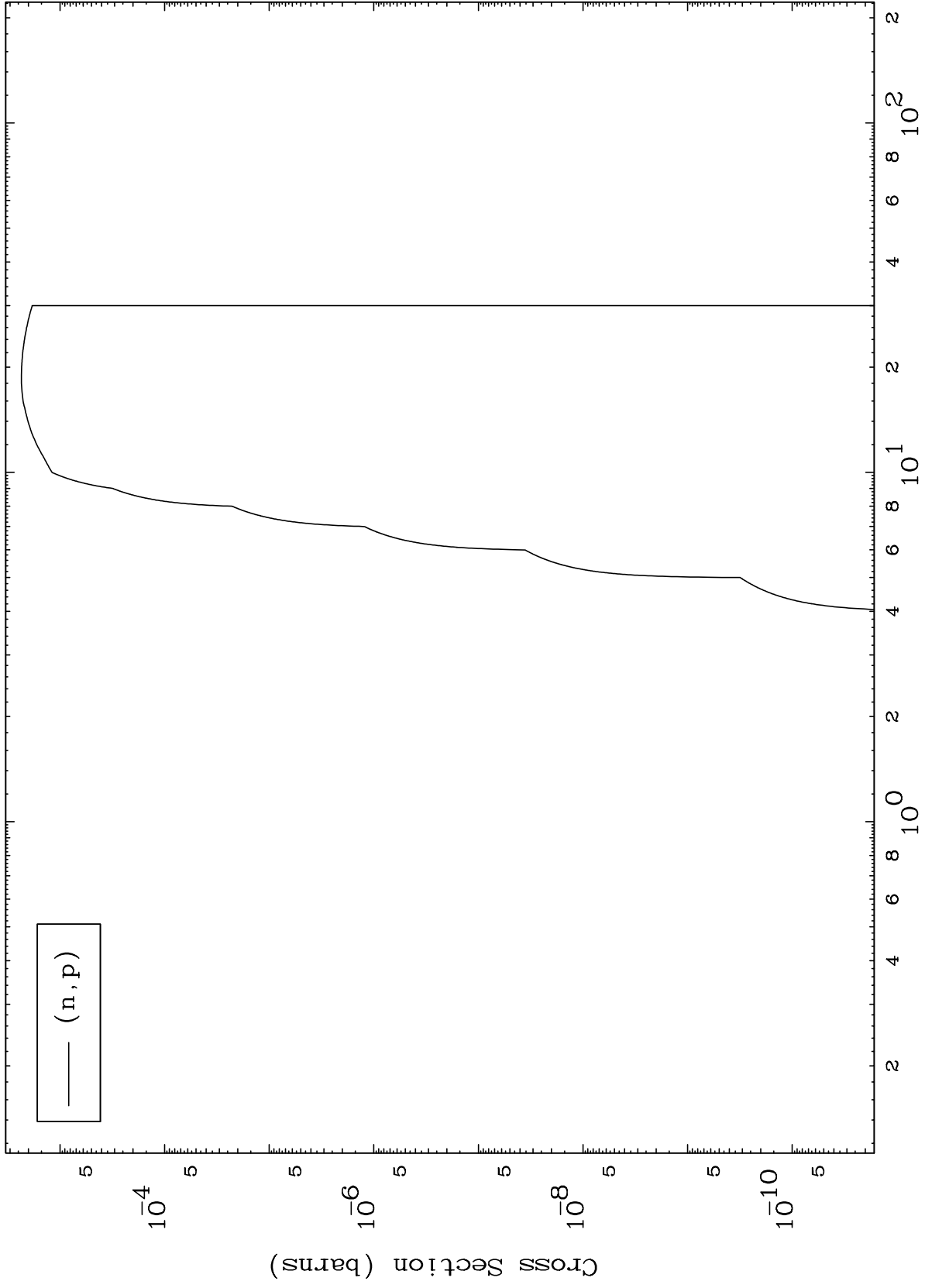
77-Ir-191



MAT 7725

(t,p) Levels  
0 Kelvin Cross Sections

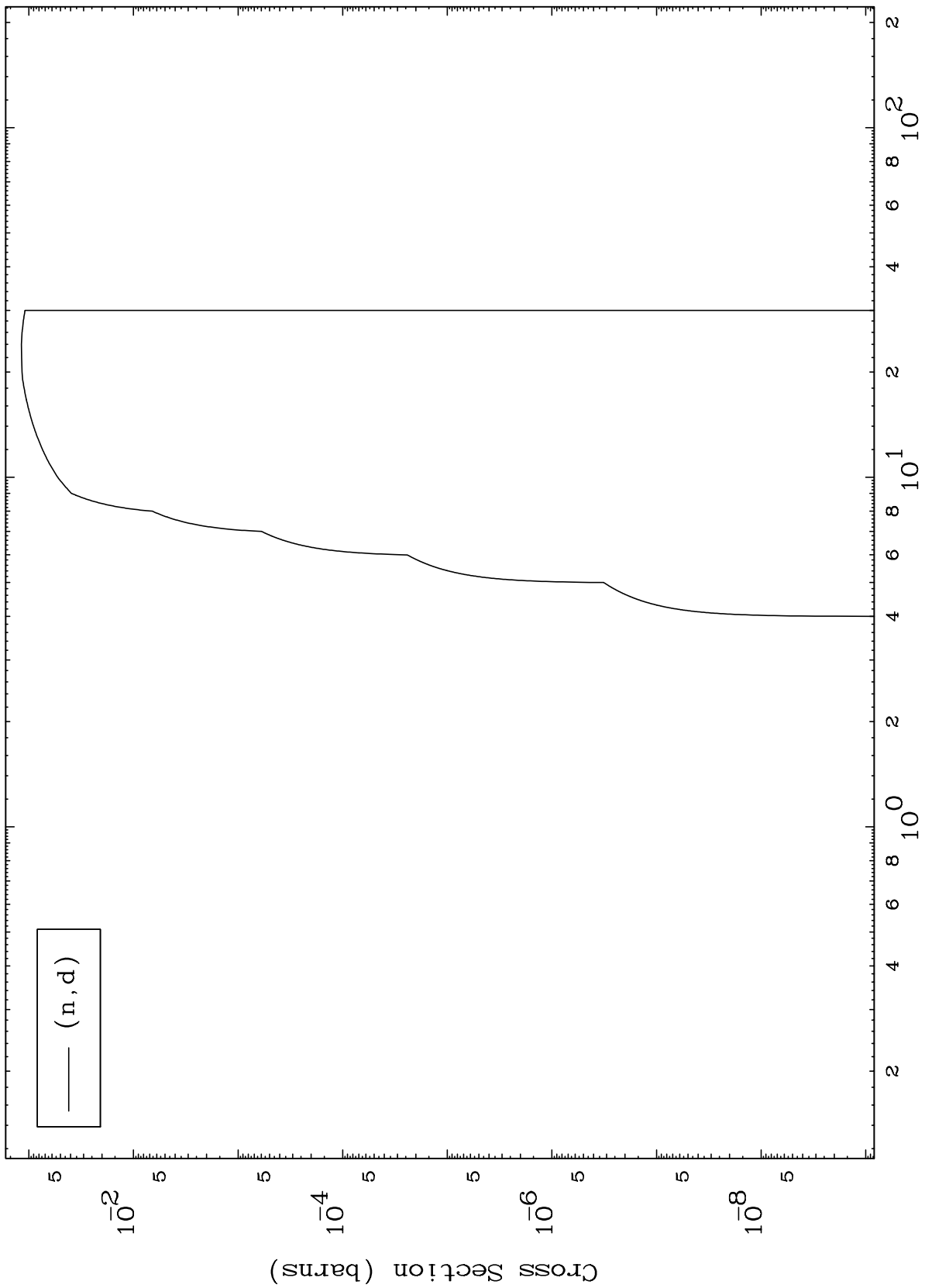
77-Ir-191



MAT 7725

<sup>77</sup>Ir-191

(t,d) Levels  
0 Kelvin Cross Sections



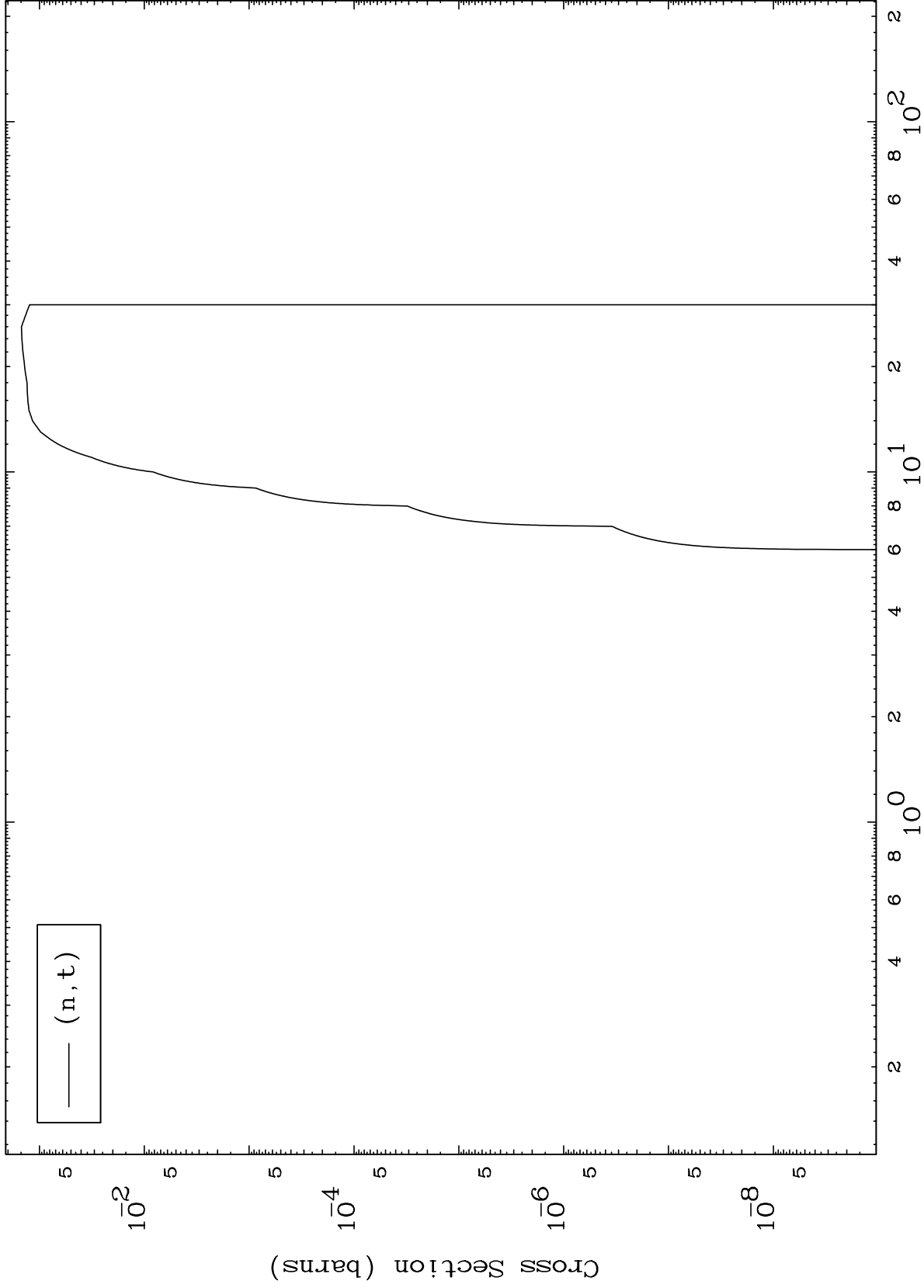
<sup>77</sup>Ir-191

Incident Energy (MeV)

MAT 7725

<sup>77</sup>Ir-191

(t, t) Levels  
0 Kelvin Cross Sections

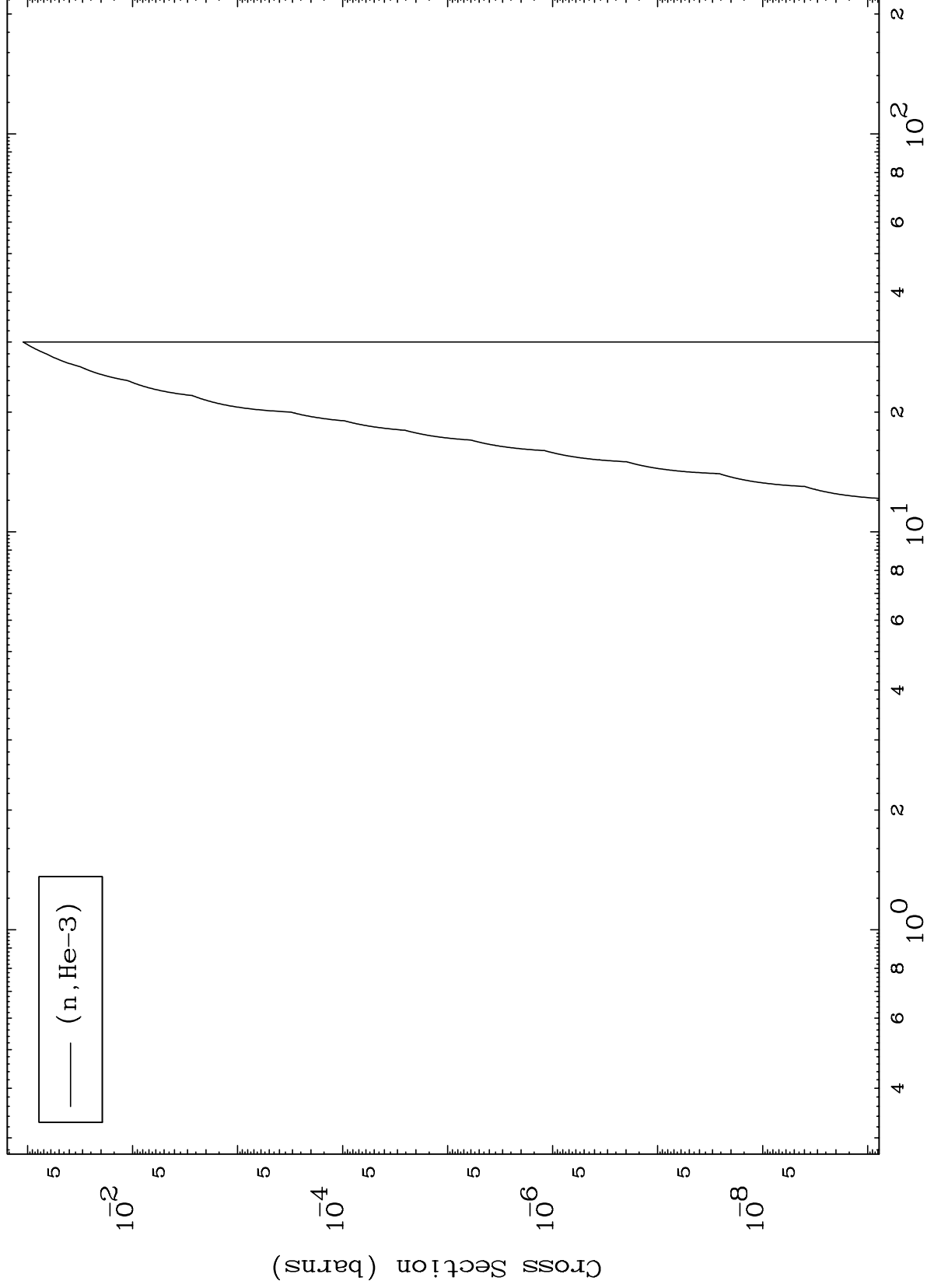


MAT 7725

(t,He3) Levels

77-Ir-191

0 Kelvin Cross Sections



10

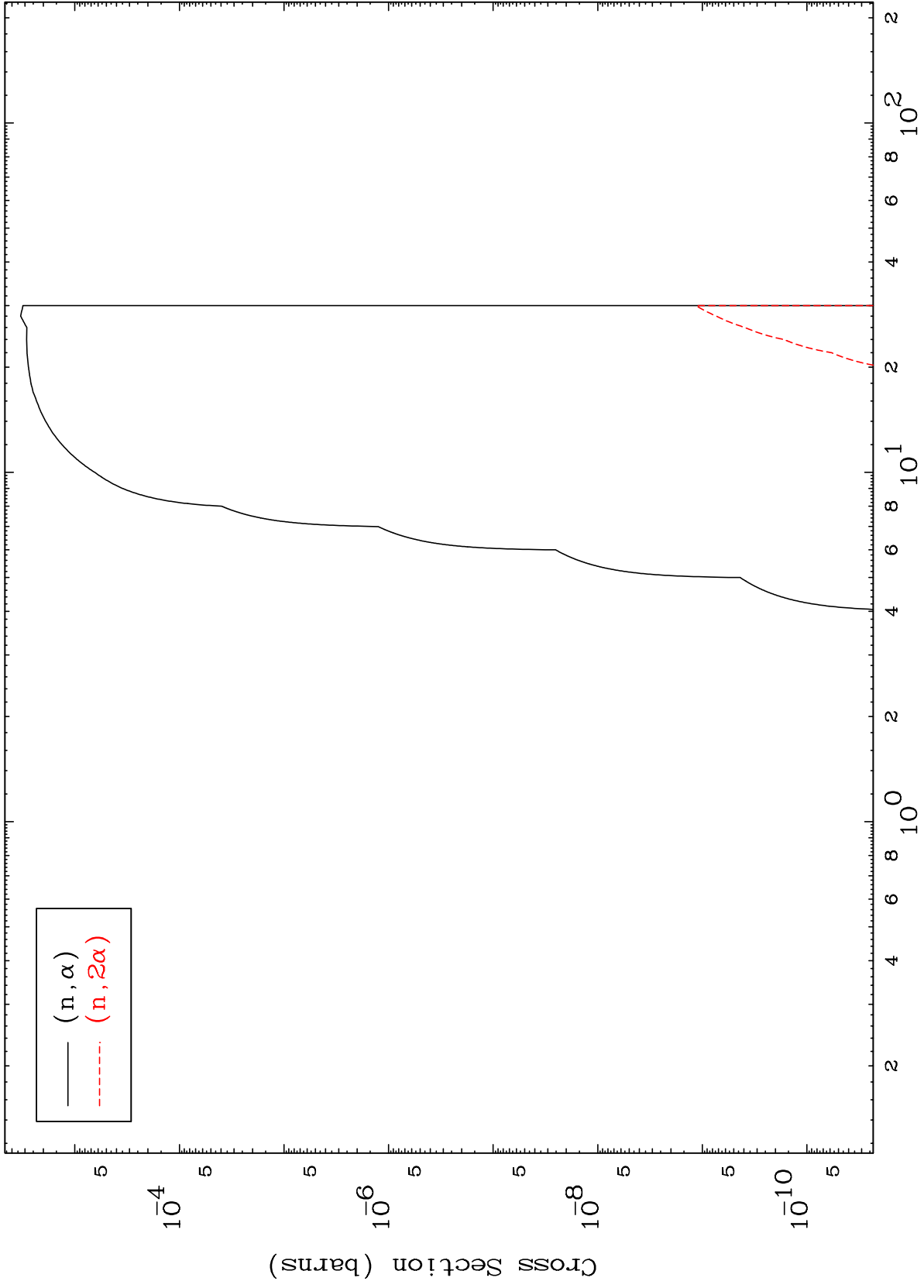
Incident Energy (MeV)

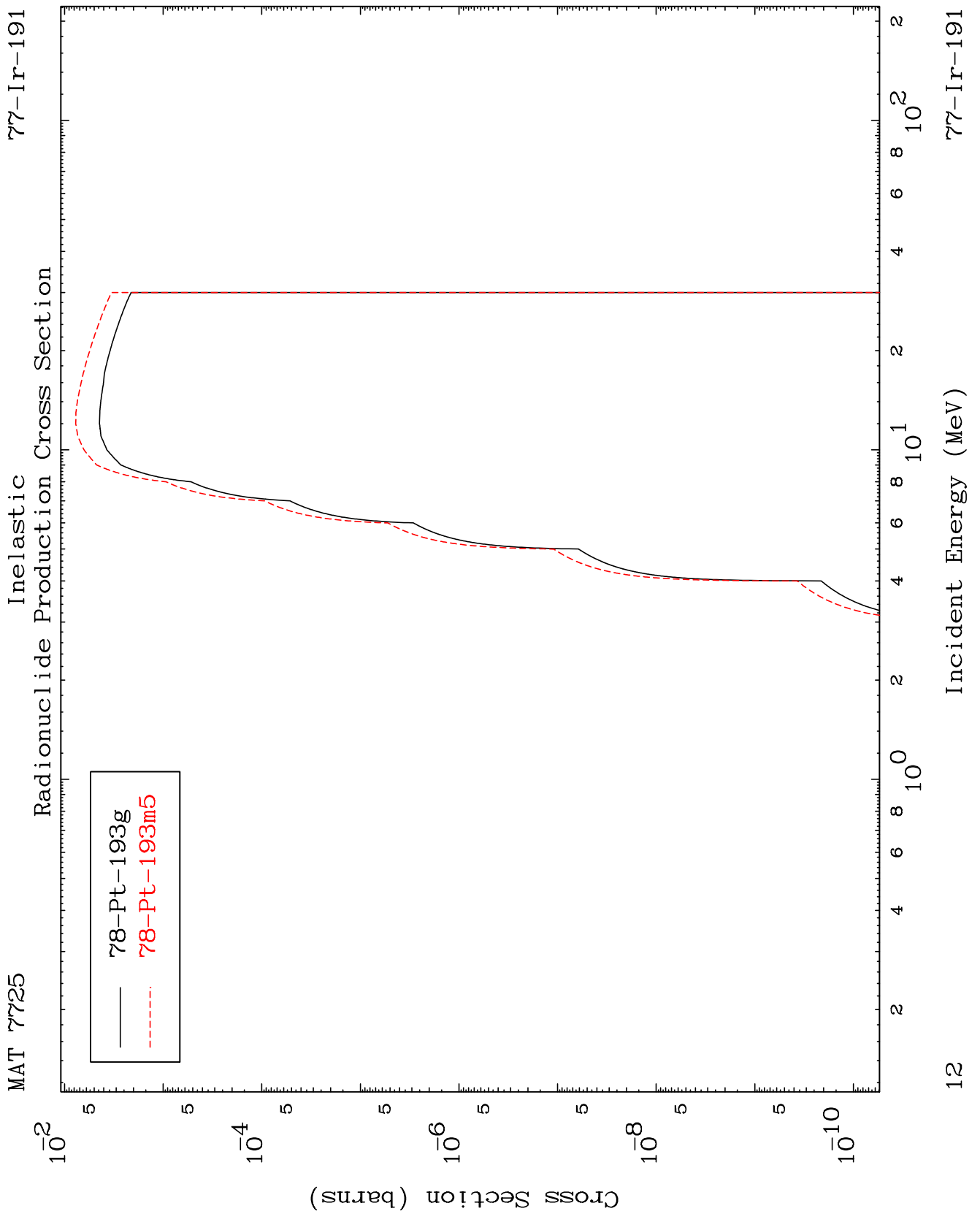
77-Ir-191

MAT 7725

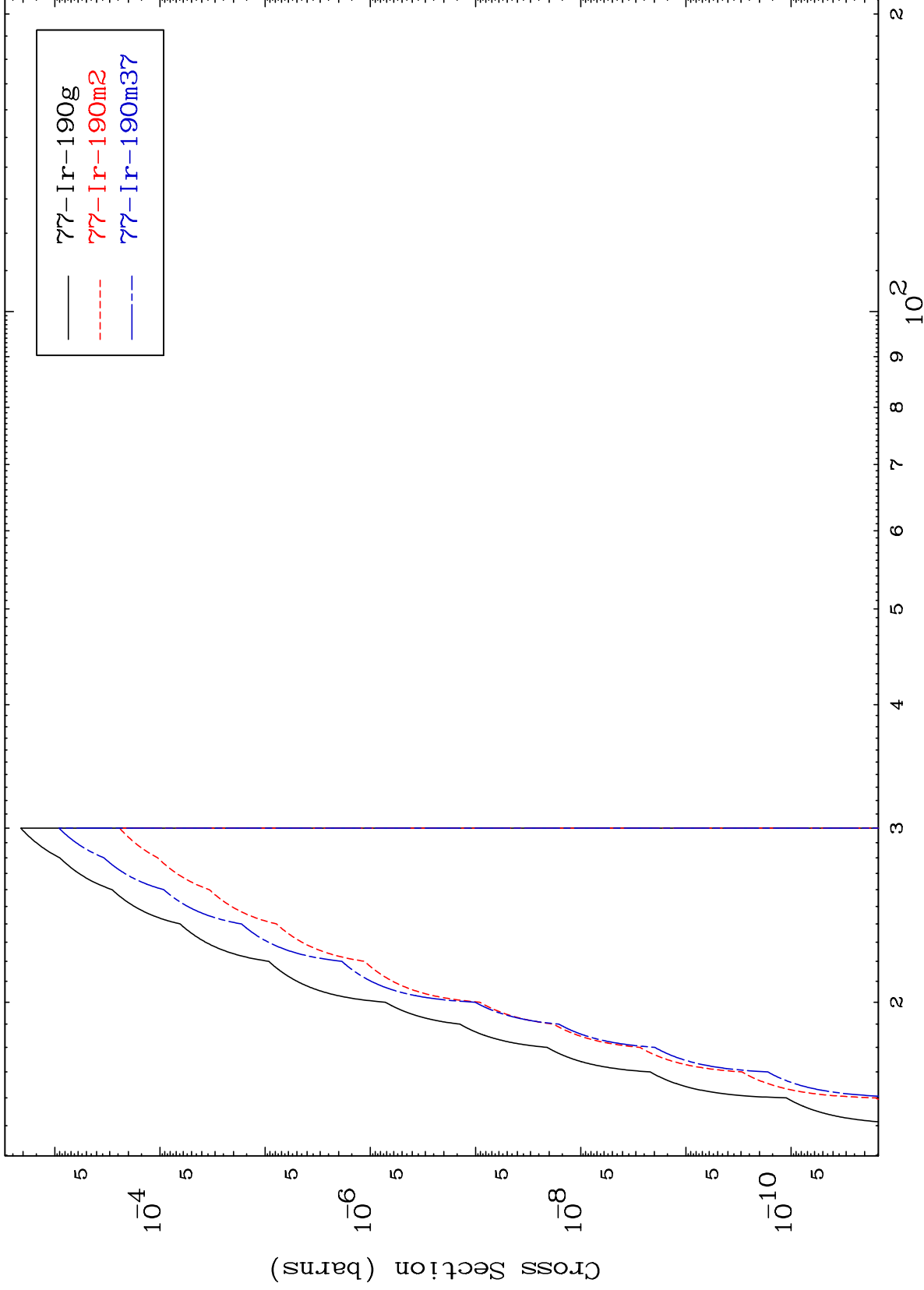
(t,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

<sup>77</sup>Ir-191





Radionuclide Production Cross Section

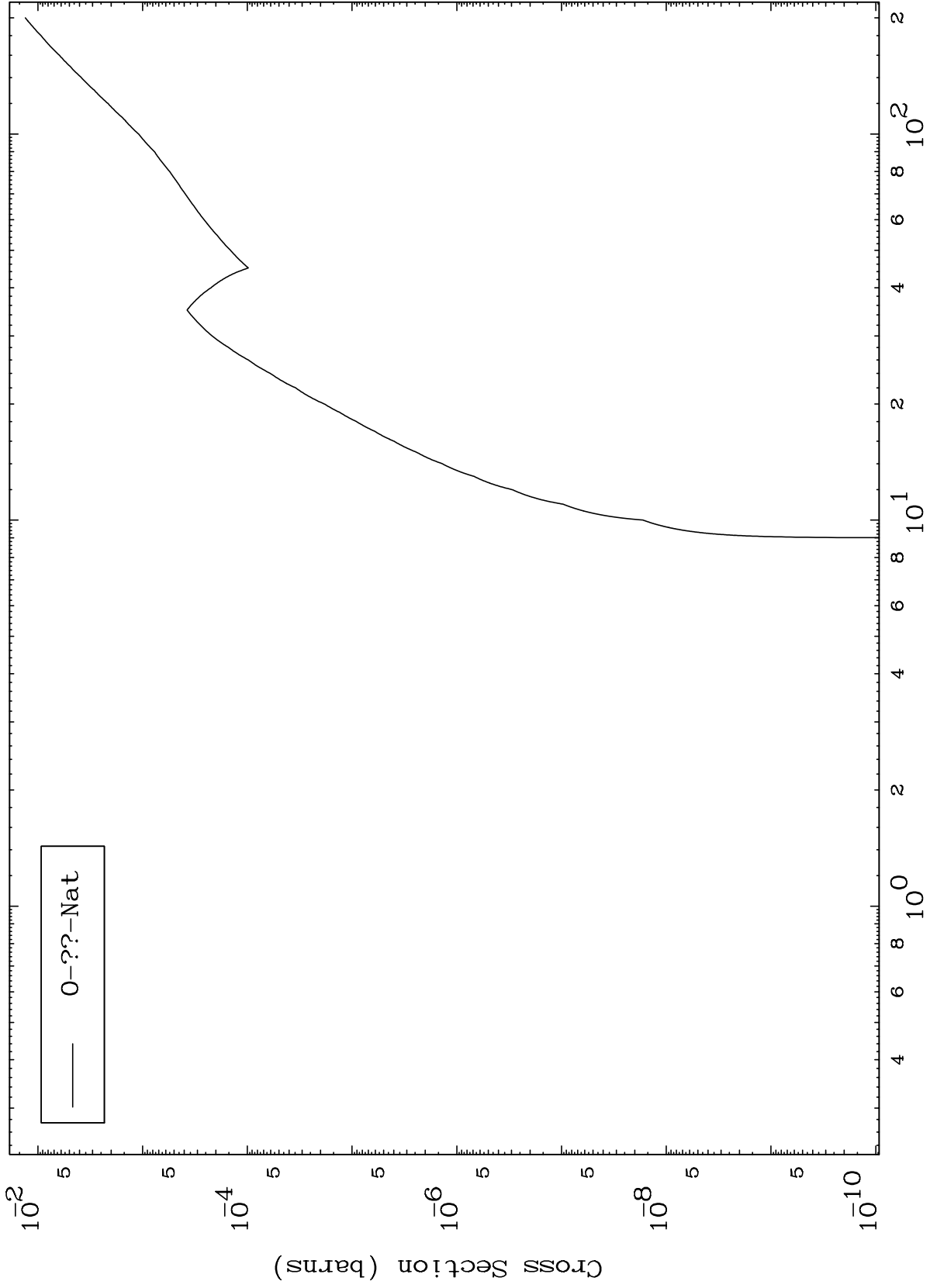


MAT 7725

Fission

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

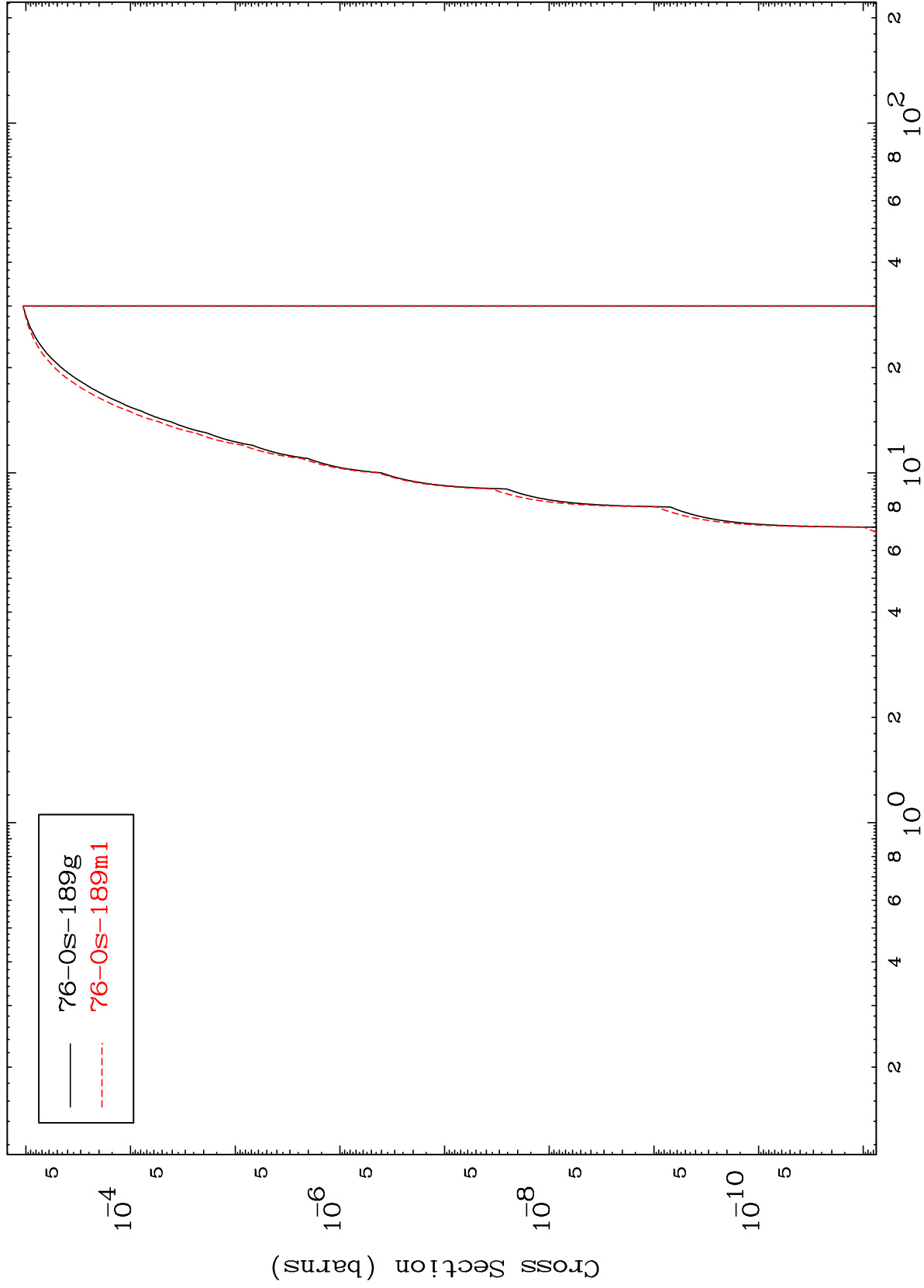
<sup>77</sup>Ir-191

MAT 7725

77-Ir-191

(n,n')  $\alpha$

Radionuclide Production Cross Section



77-Ir-191

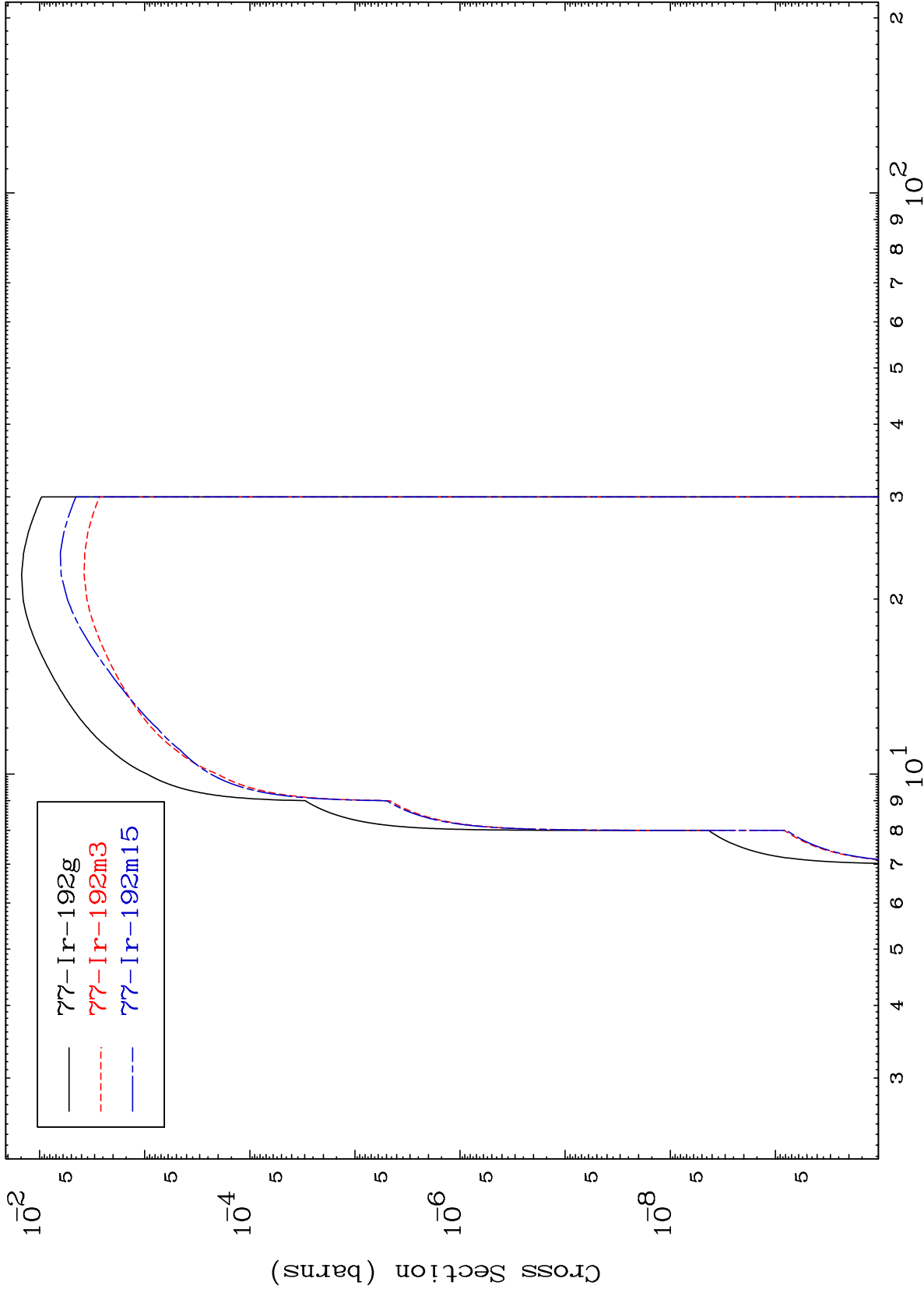
Incident Energy (MeV)

15

MAT 7725

<sup>77</sup>Ir-191

(n,n') p  
Radionuclide Production Cross Section



Legend:  
— <sup>77</sup>Ir-192g  
- - <sup>77</sup>Ir-192m3  
- - <sup>77</sup>Ir-192m15

<sup>77</sup>Ir-191

Incident Energy (MeV)

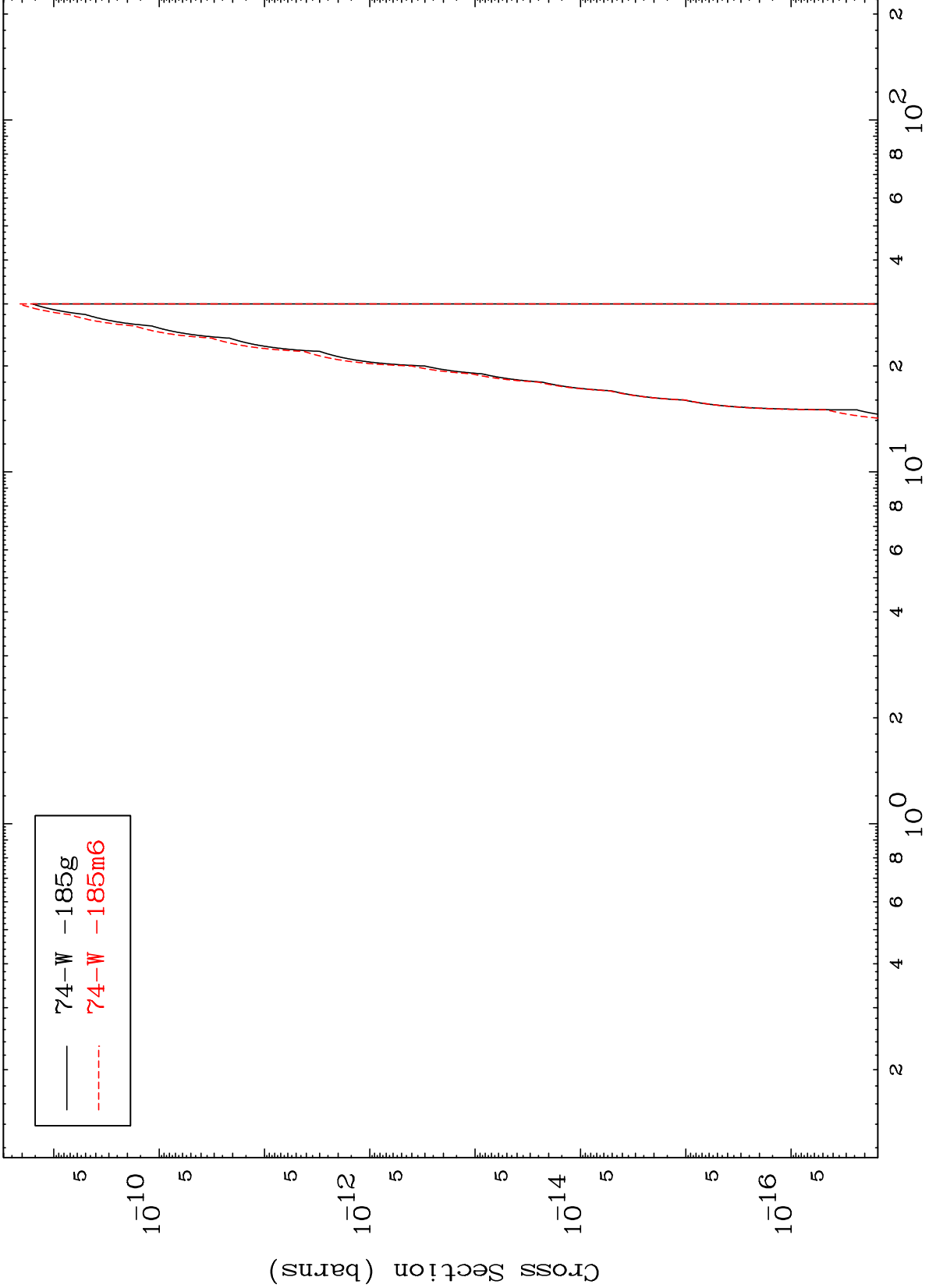
16

MAT 7725

(n,n') 2 $\alpha$

77-Ir-191

Radionuclide Production Cross Section



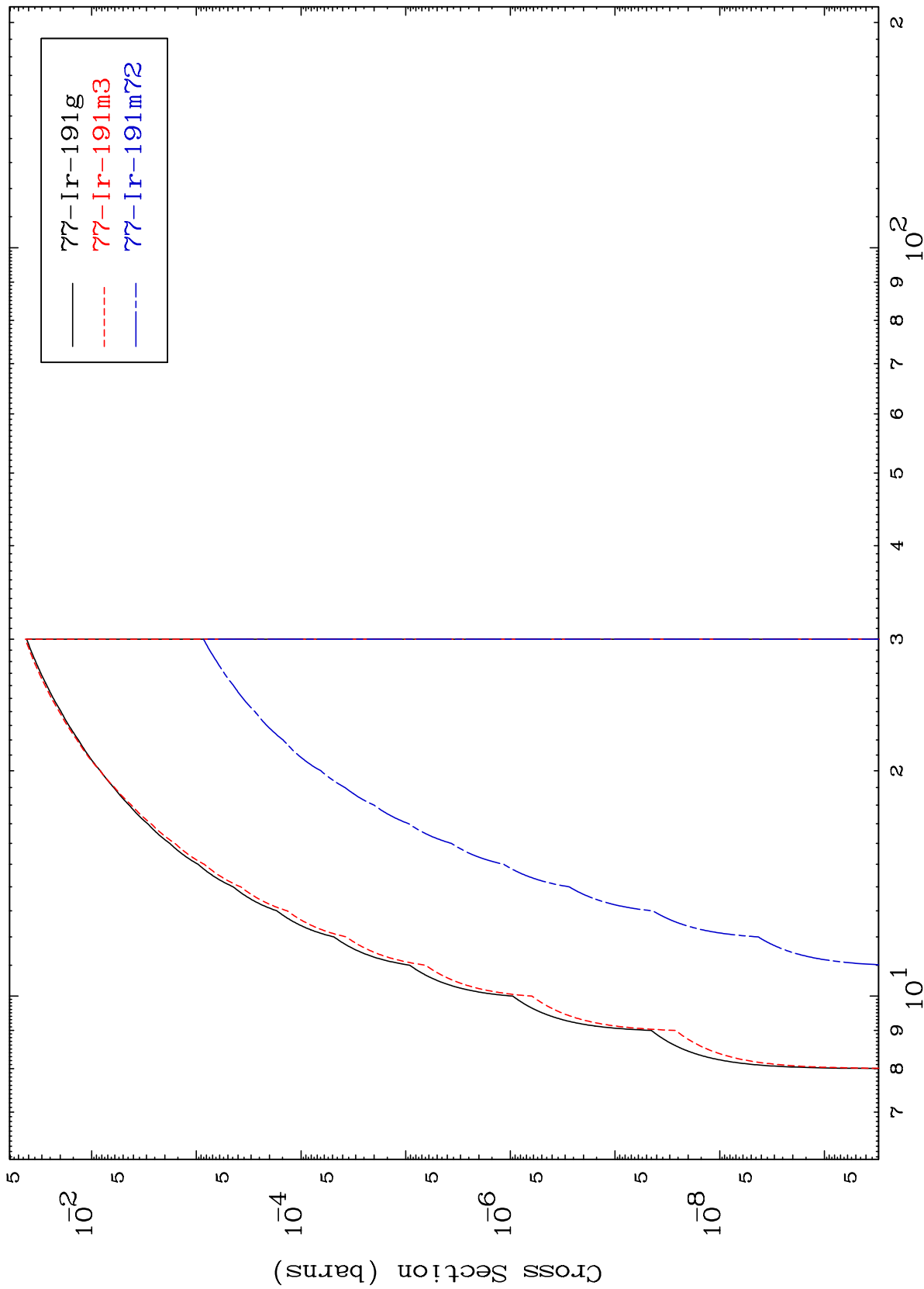
74-W -185g  
74-W -185m6

MAT 7725

(n,n') d

77-Ir-191

Radionuclide Production Cross Section



18

Incident Energy (MeV)

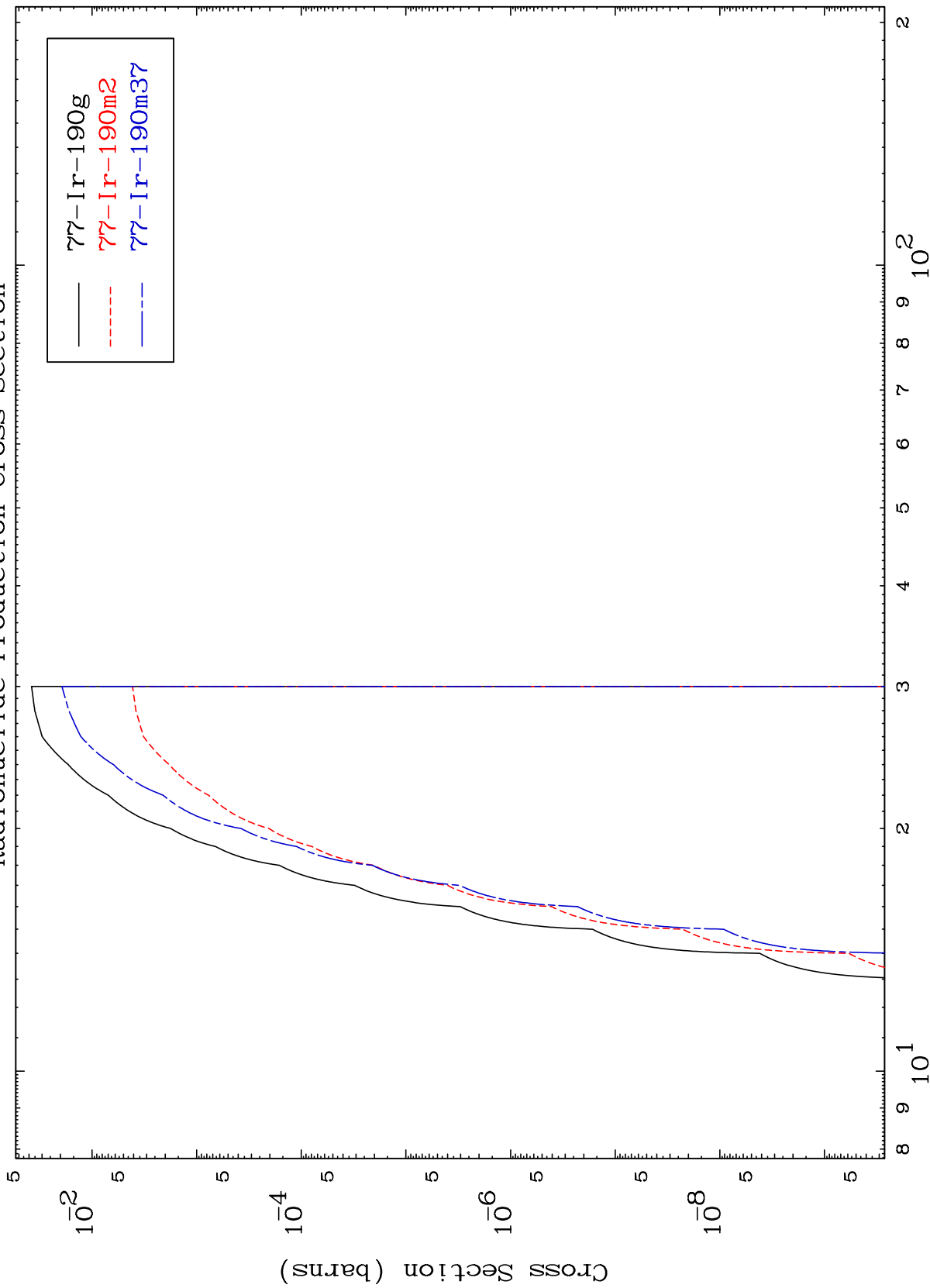
77-Ir-191

MAT 7725

(n,n') t

77-Ir-191

Radionuclide Production Cross Section



19

Incident Energy (MeV)

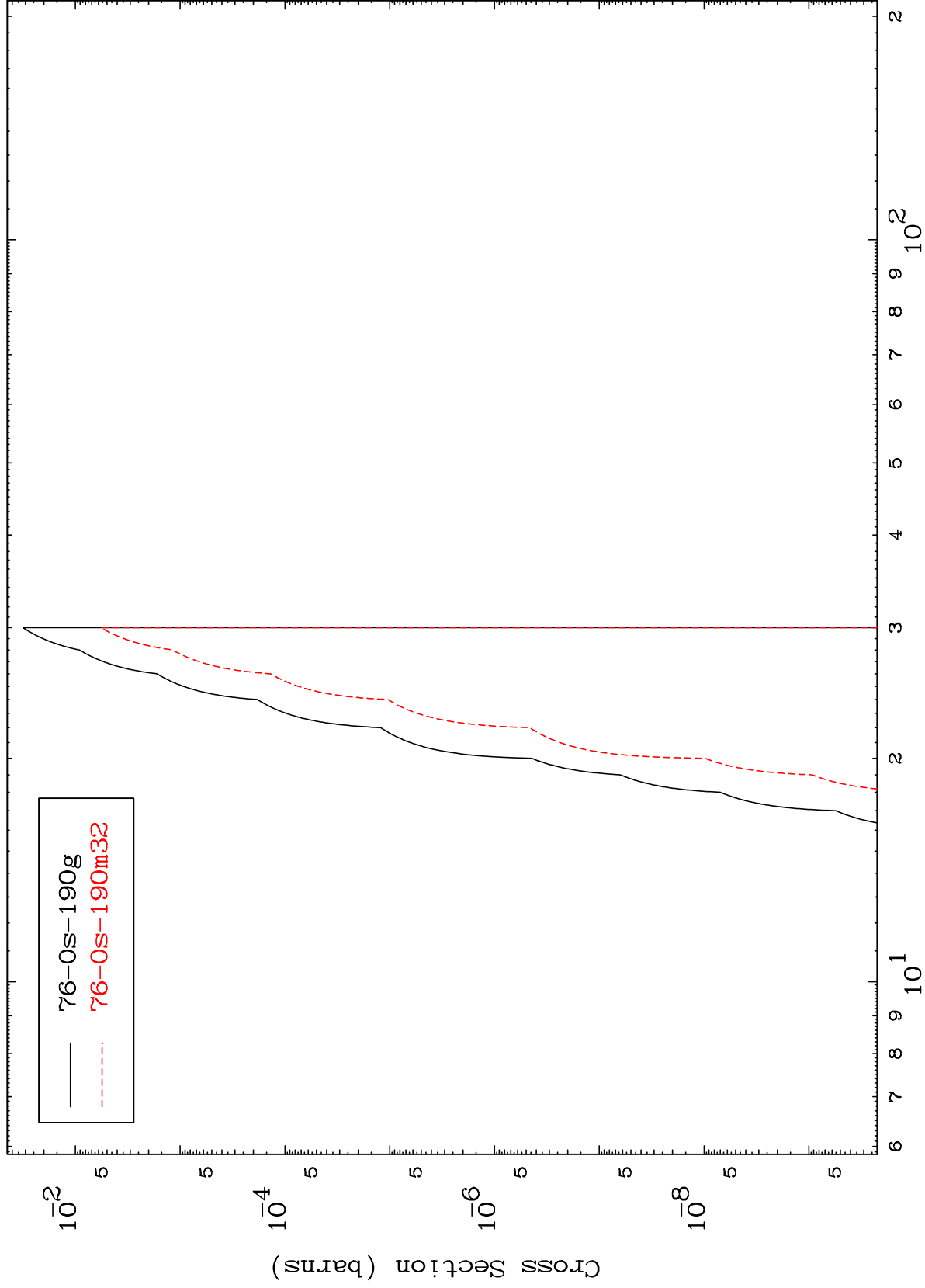
77-Ir-191

MAT 7725

(n,n') He-3

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



20

Incident Energy (MeV)

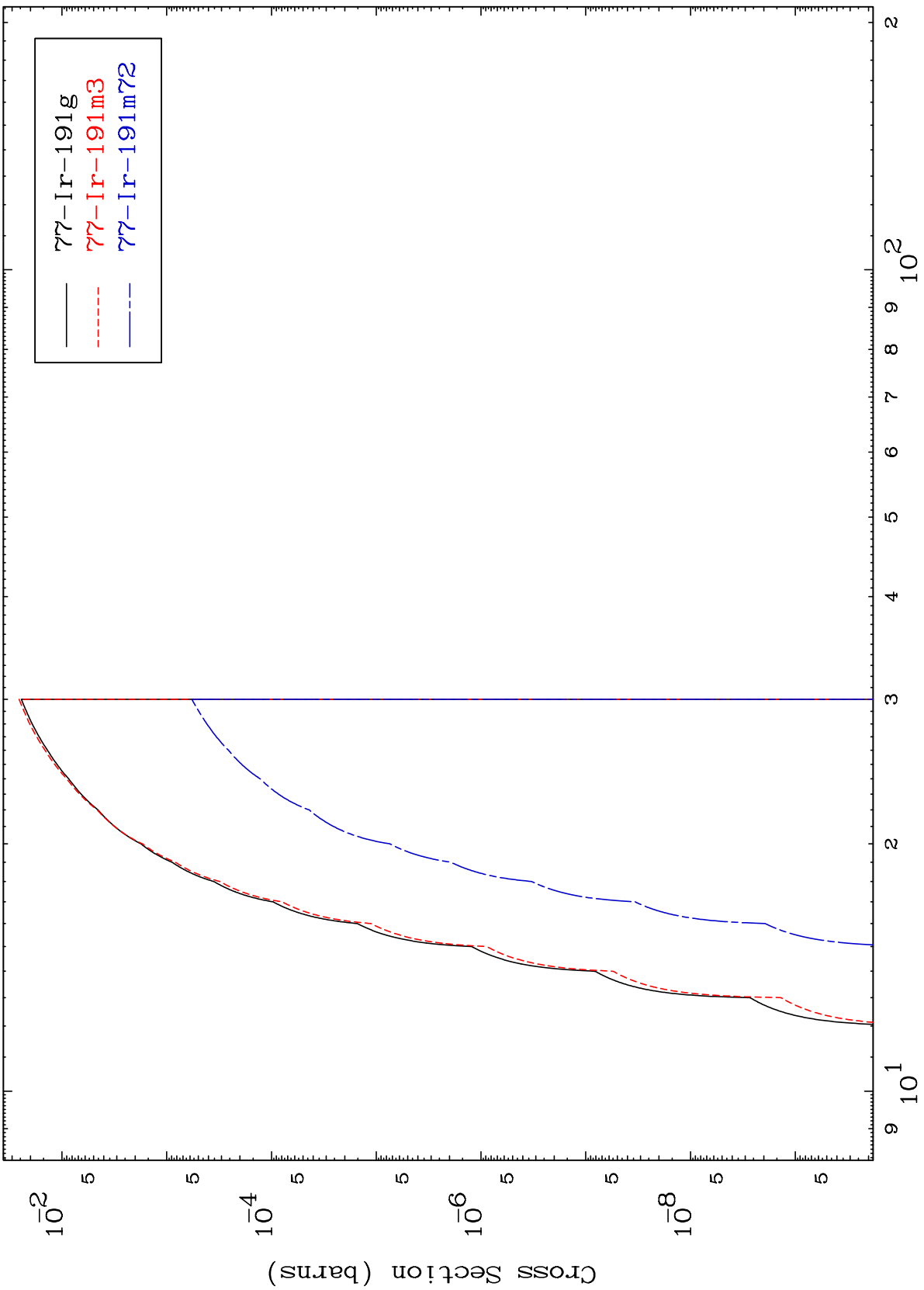
<sup>77</sup>Ir-191

MAT 7725

(n,2n) p

77-Ir-191

Radionuclide Production Cross Section



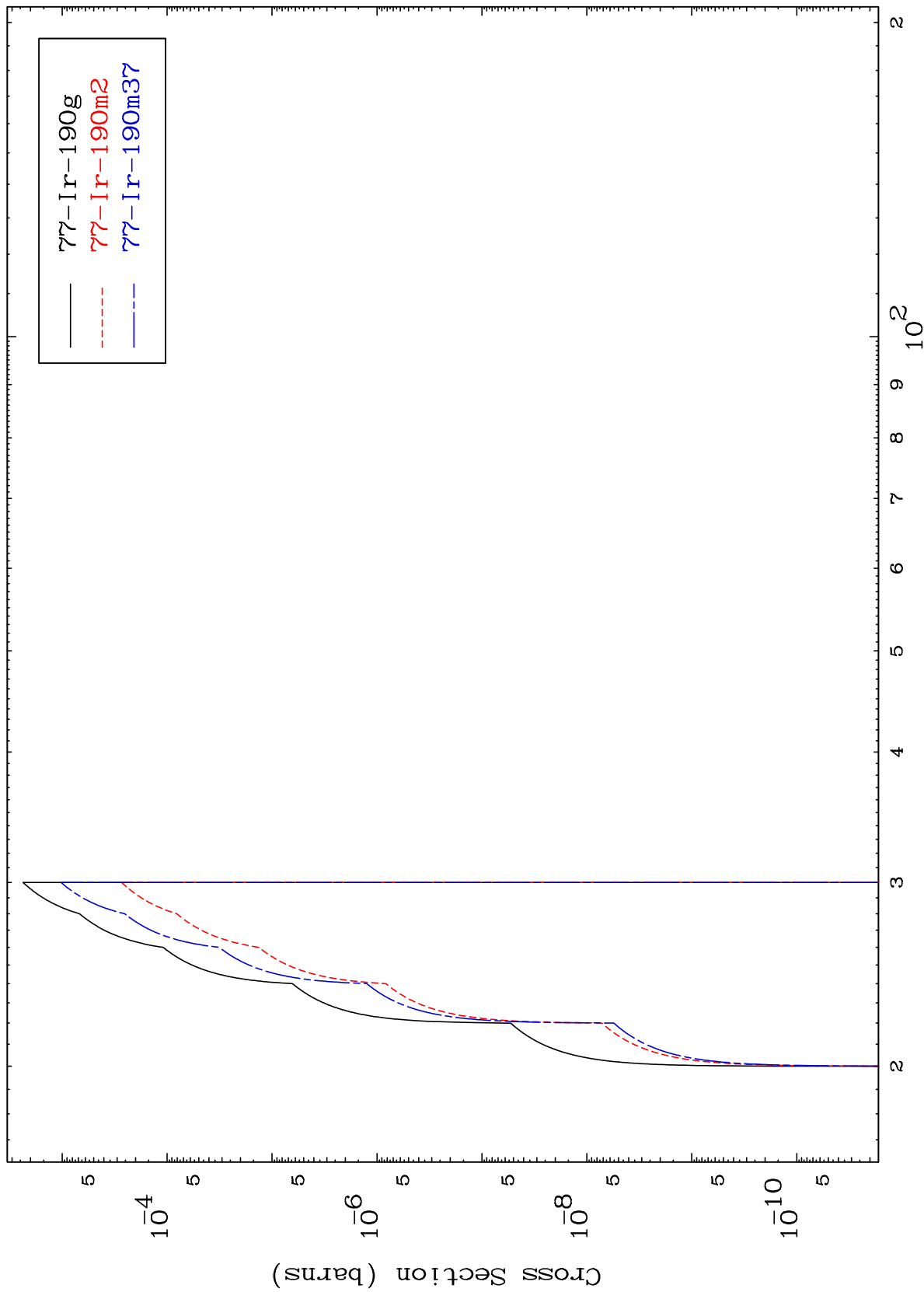
77-Ir-191g  
77-Ir-191m3  
77-Ir-191m72

21

Incident Energy (MeV)

77-Ir-191

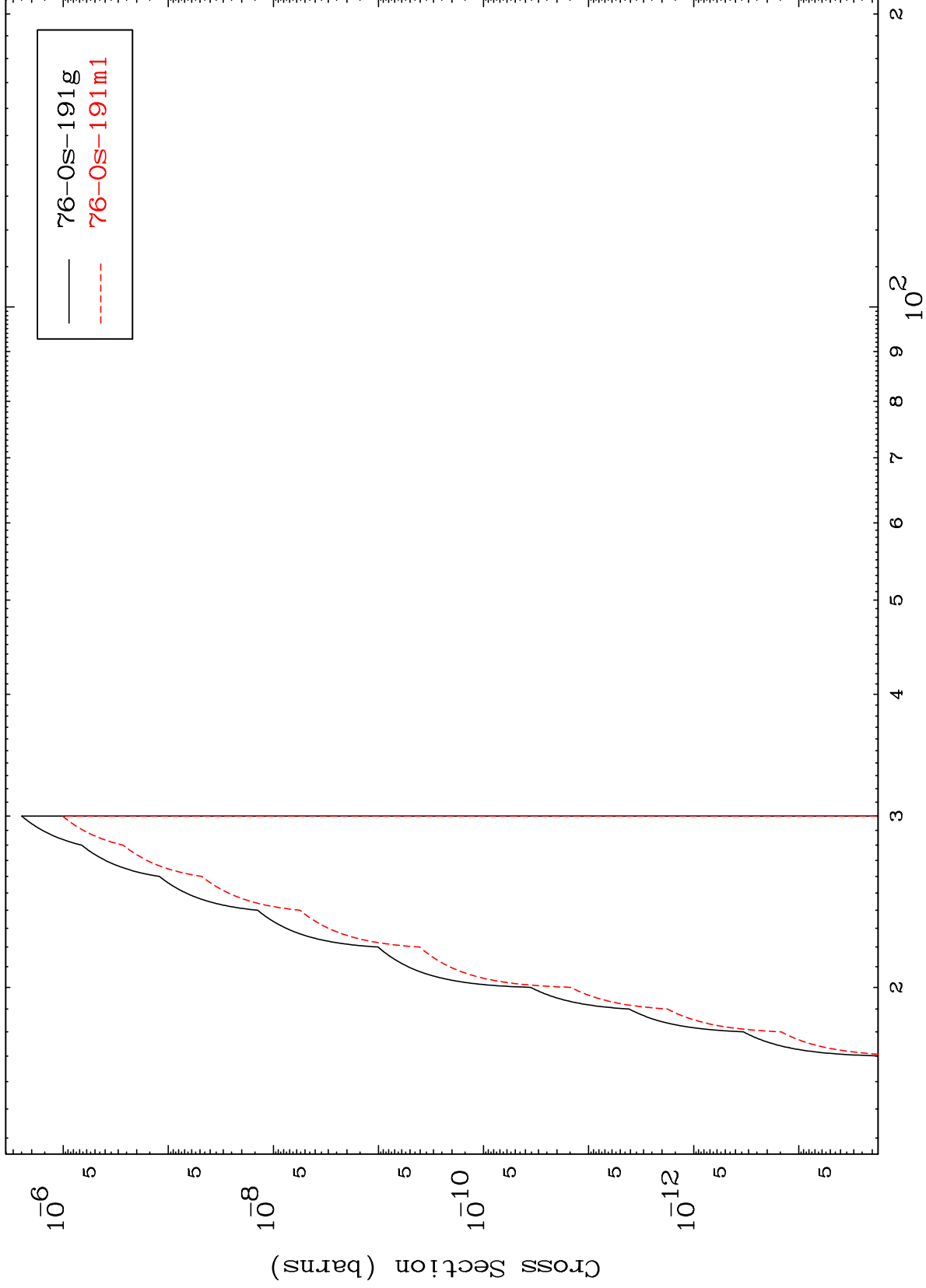
Radionuclide Production Cross Section



MAT 7725

77-Ir-191

(n,2n) p  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

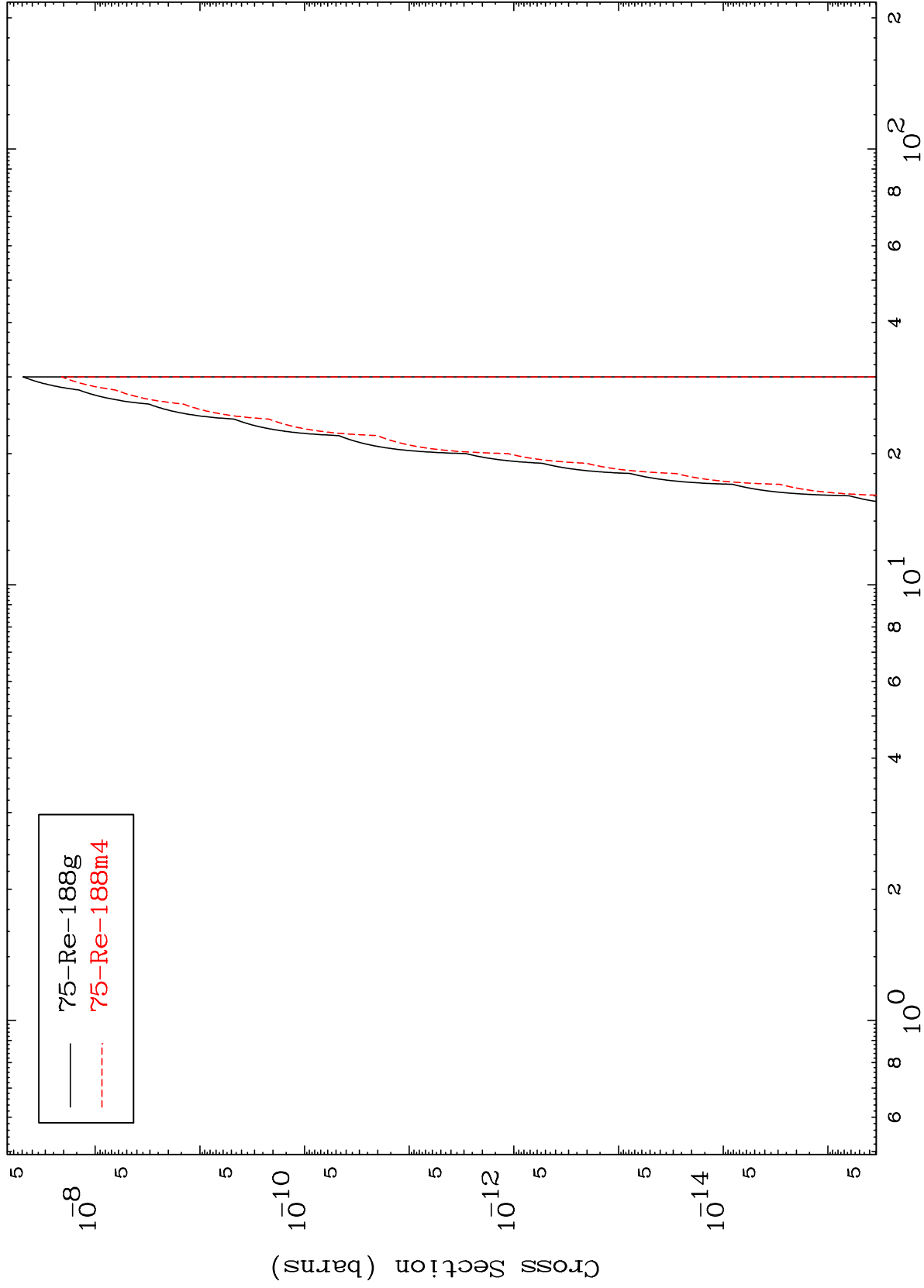
77-Ir-191

MAT 7725

77-Ir-191

(n,n') p  $\alpha$

Radionuclide Production Cross Section



24

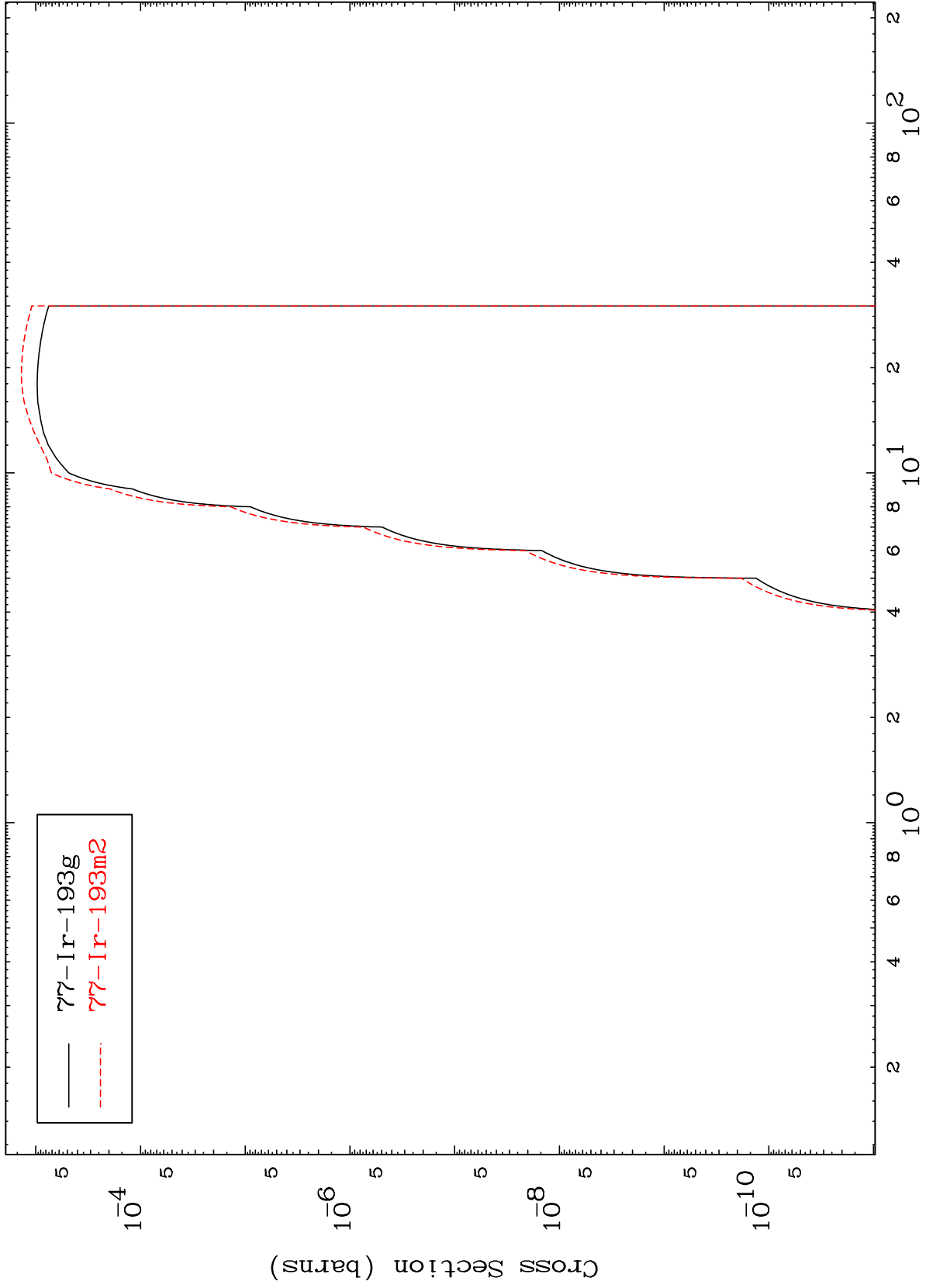
Incident Energy (MeV)

77-Ir-191

MAT 7725

<sup>77</sup>Ir-191

(n,p)  
Radionuclide Production Cross Section



25

<sup>77</sup>Ir-191

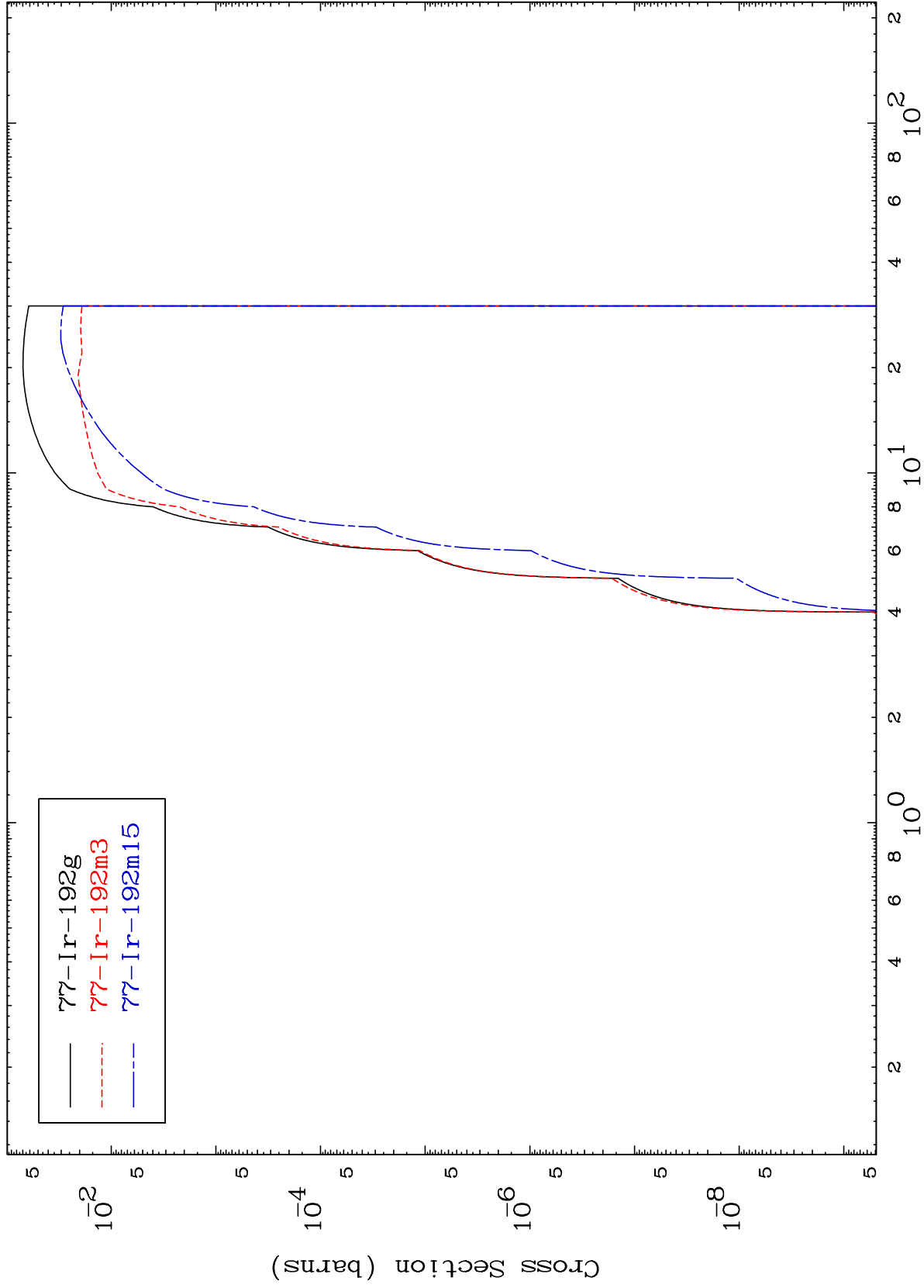
Incident Energy (MeV)

MAT 7725

<sup>77</sup>Ir-191

(n,d)

Radionuclide Production Cross Section



<sup>77</sup>Ir-191

Incident Energy (MeV)

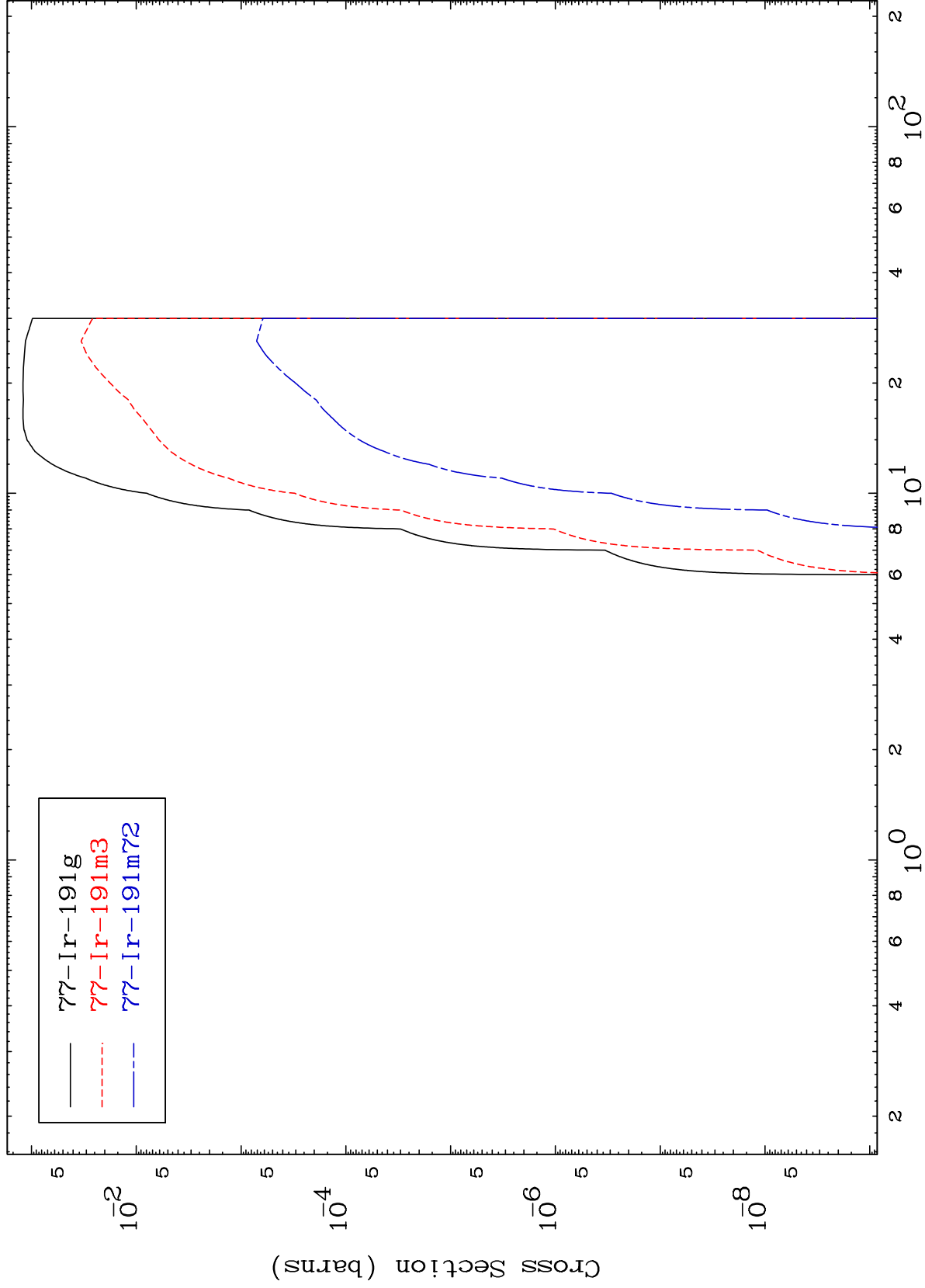
26

MAT 7725

(n, t)

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



27

Incident Energy (MeV)

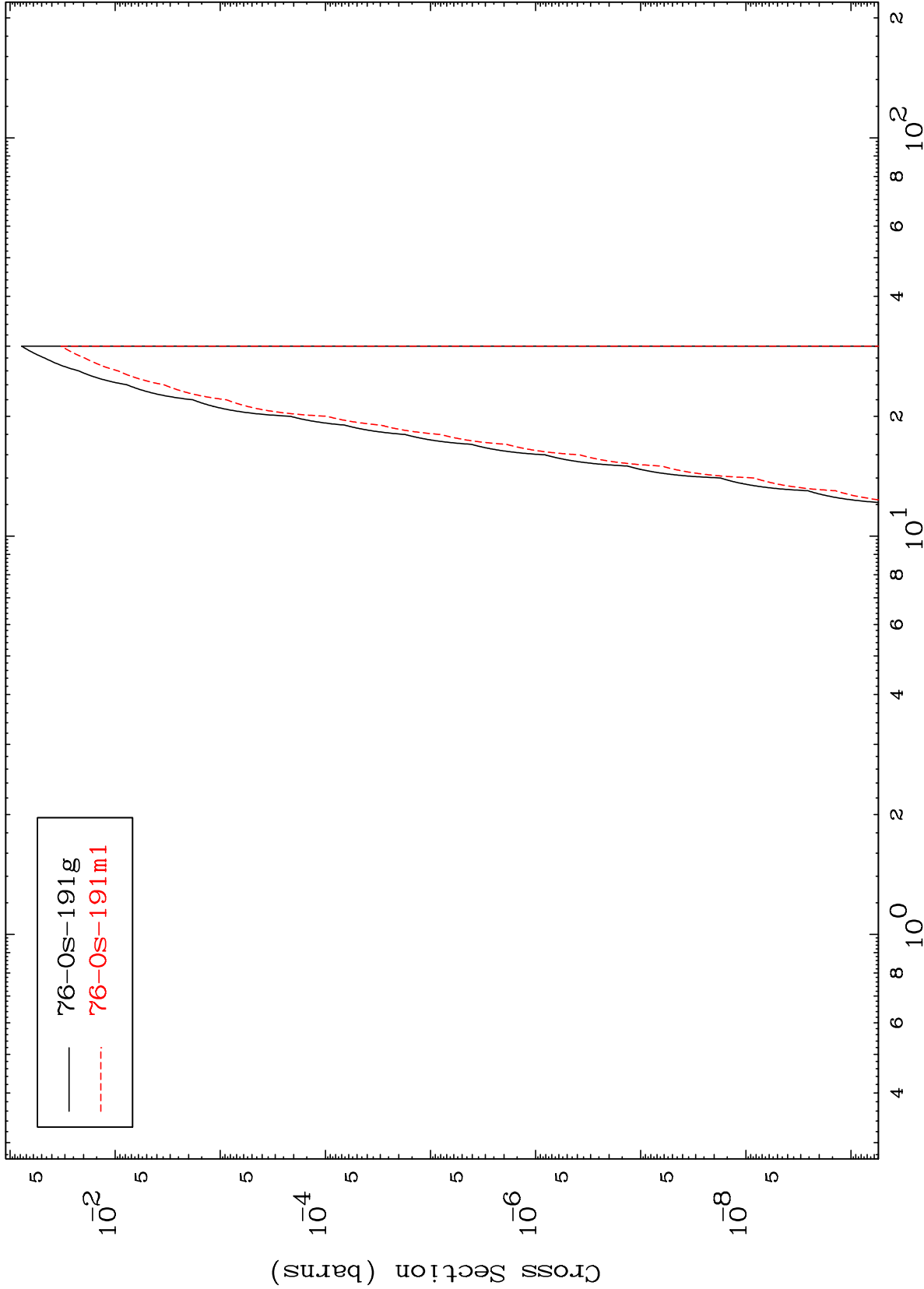
<sup>77</sup>Ir-191

MAT 7725

(n,He-3)

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



28

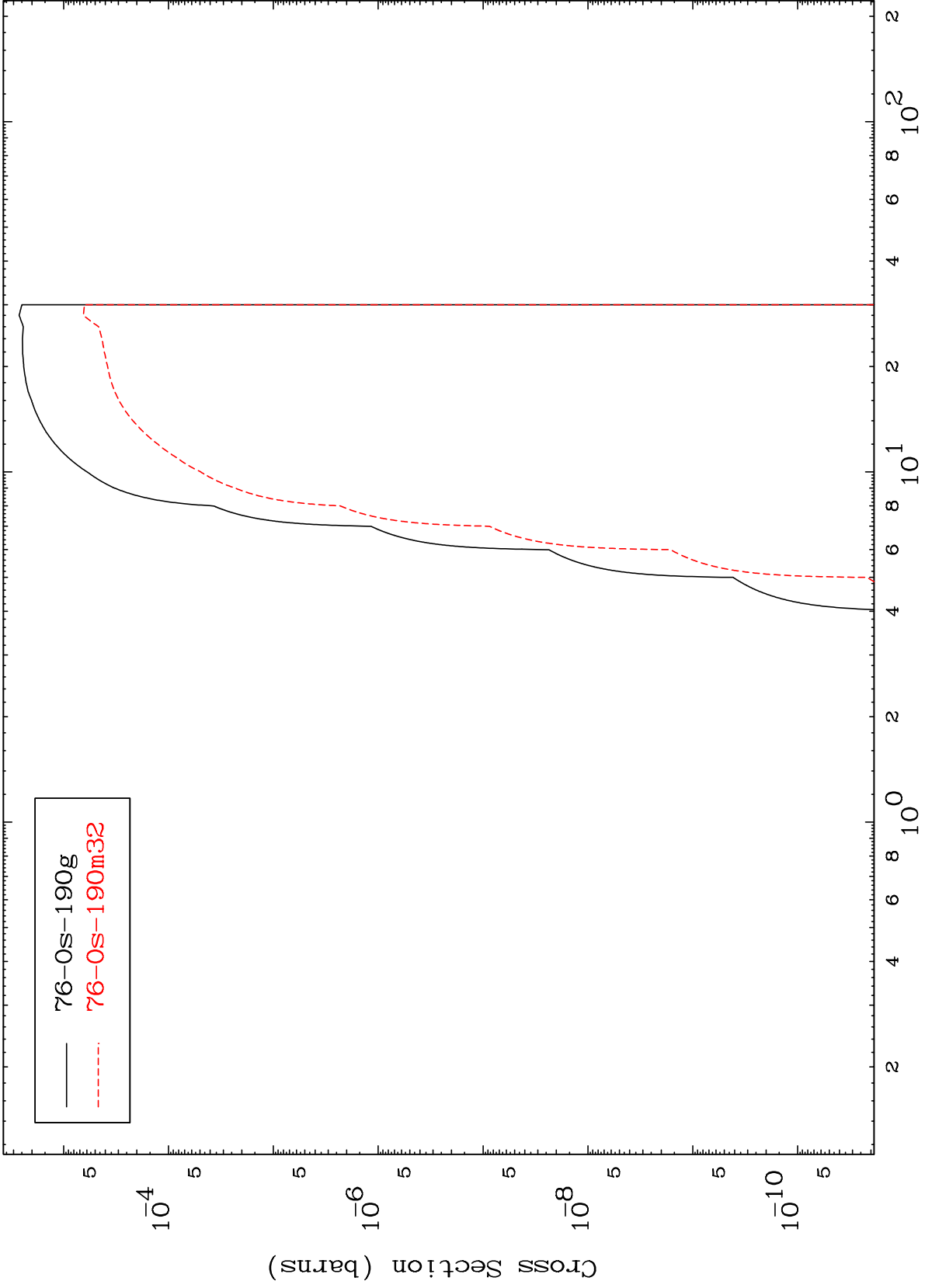
Incident Energy (MeV)

<sup>77</sup>Ir-191

MAT 7725

<sup>77</sup>Ir-191

(n,α)  
Radionuclide Production Cross Section



29

<sup>77</sup>Ir-191

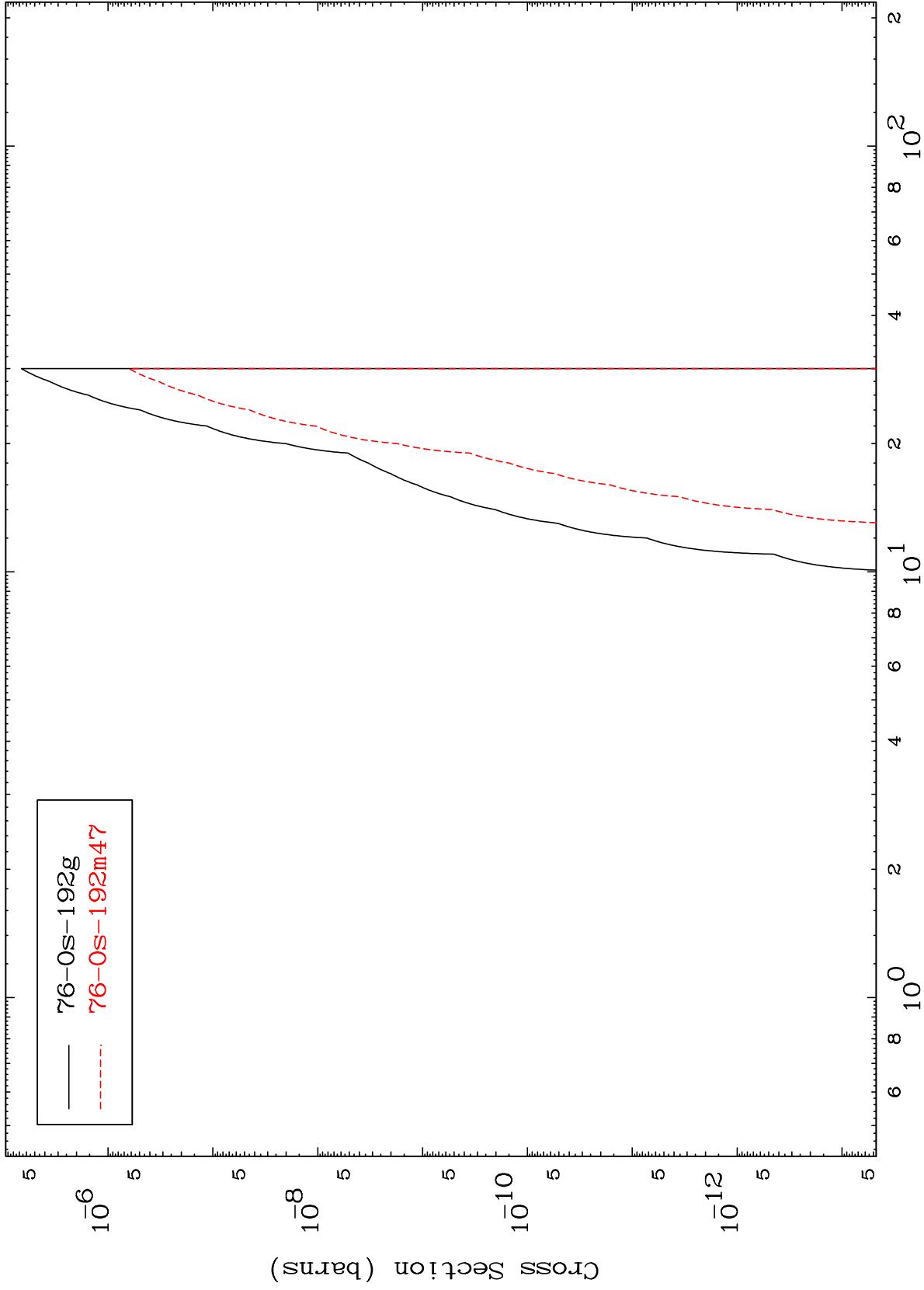
Incident Energy (MeV)

MAT 7725

(n,2p)

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



30

Incident Energy (MeV)

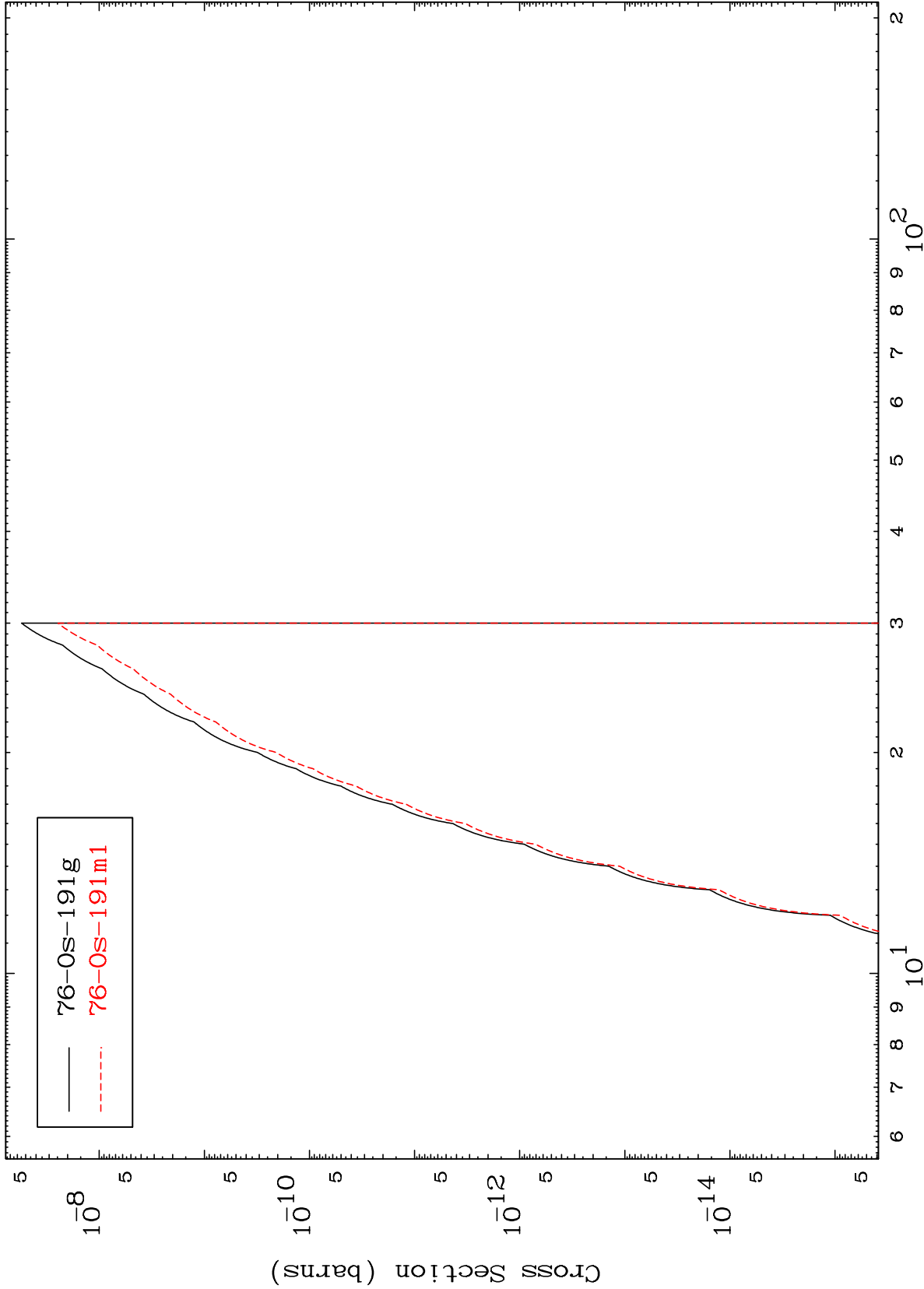
<sup>77</sup>Ir-191

MAT 7725

(n,p) d

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



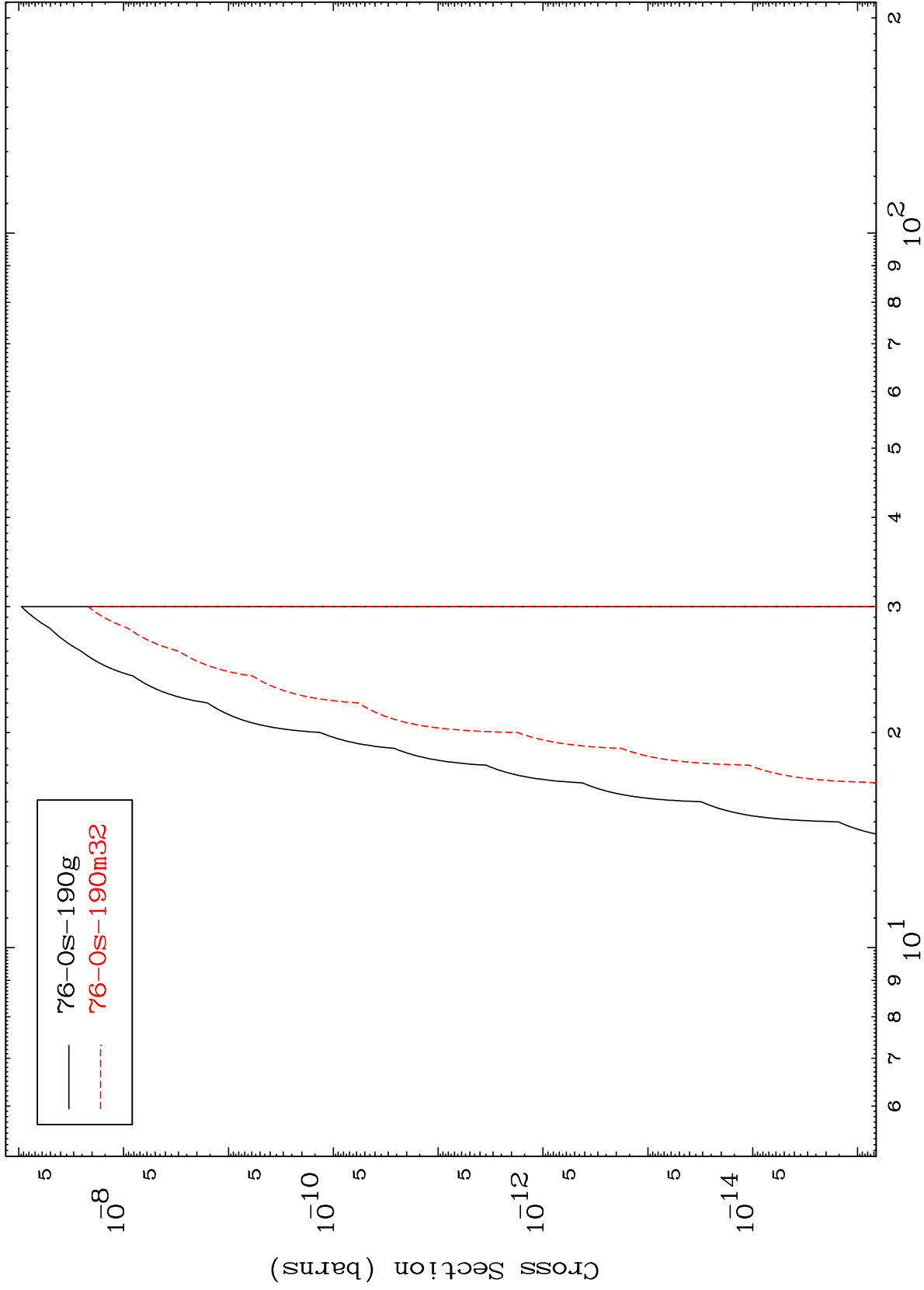
— 76-Os-191g  
- - - 76-Os-191m1

MAT 7725

(n,p) t

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



32

Incident Energy (MeV)

<sup>77</sup>Ir-191

MAT 7725

(n,d)  $\alpha$

<sup>77</sup>Ir-191

Radionuclide Production Cross Section

