

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

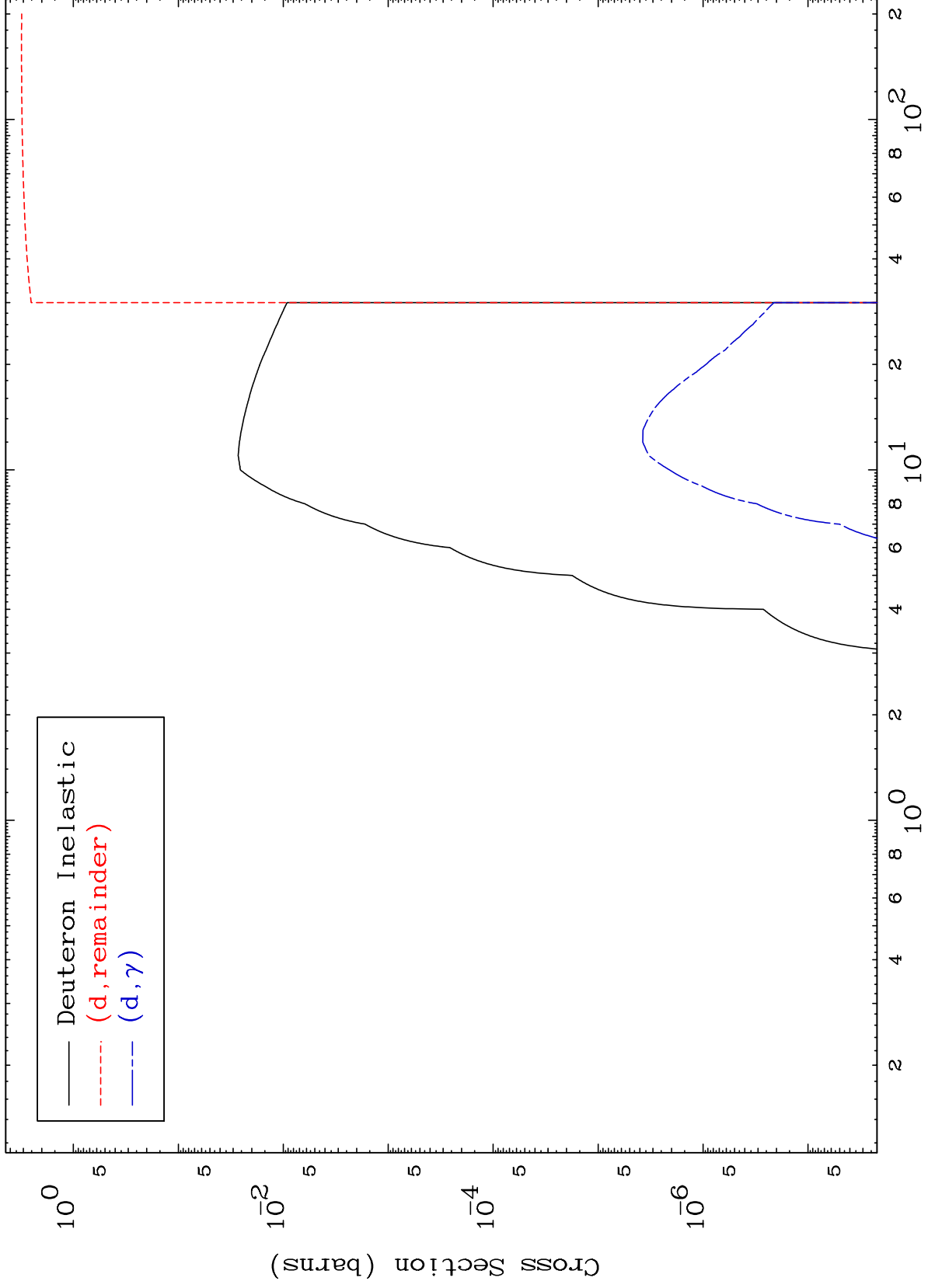
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

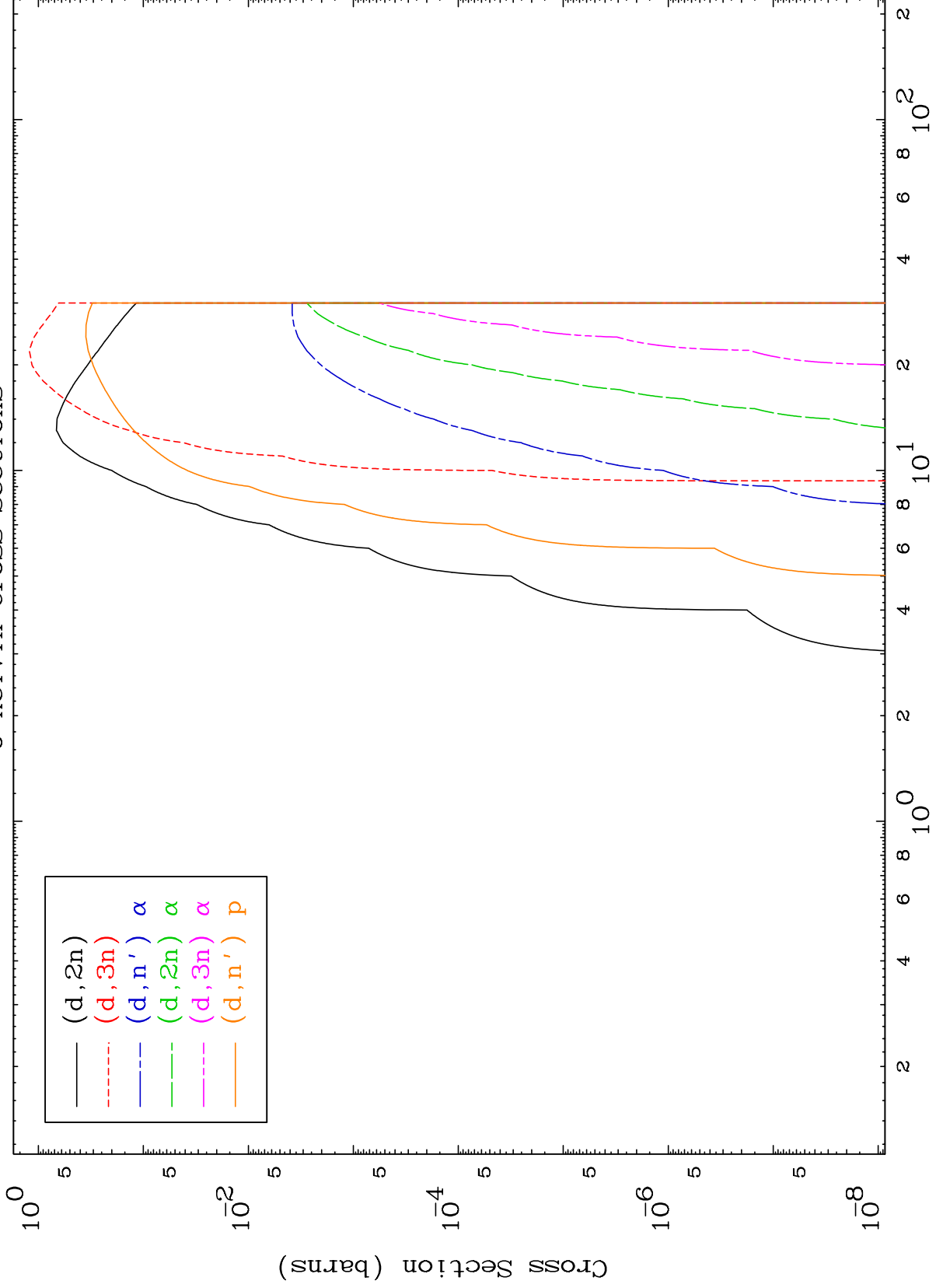
Tele: 925-443-1911

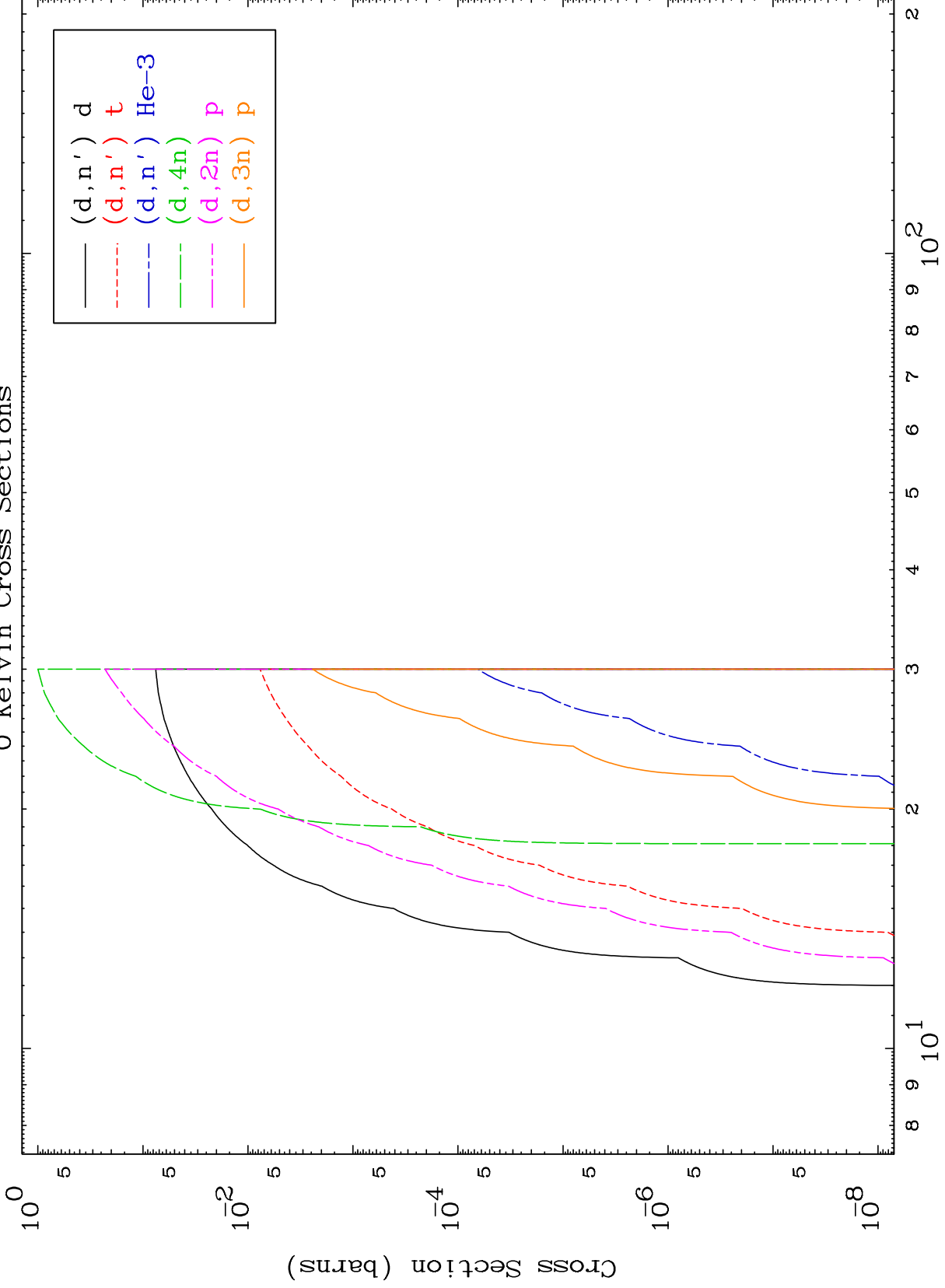
E.Mail:redcullen1@comcast.net

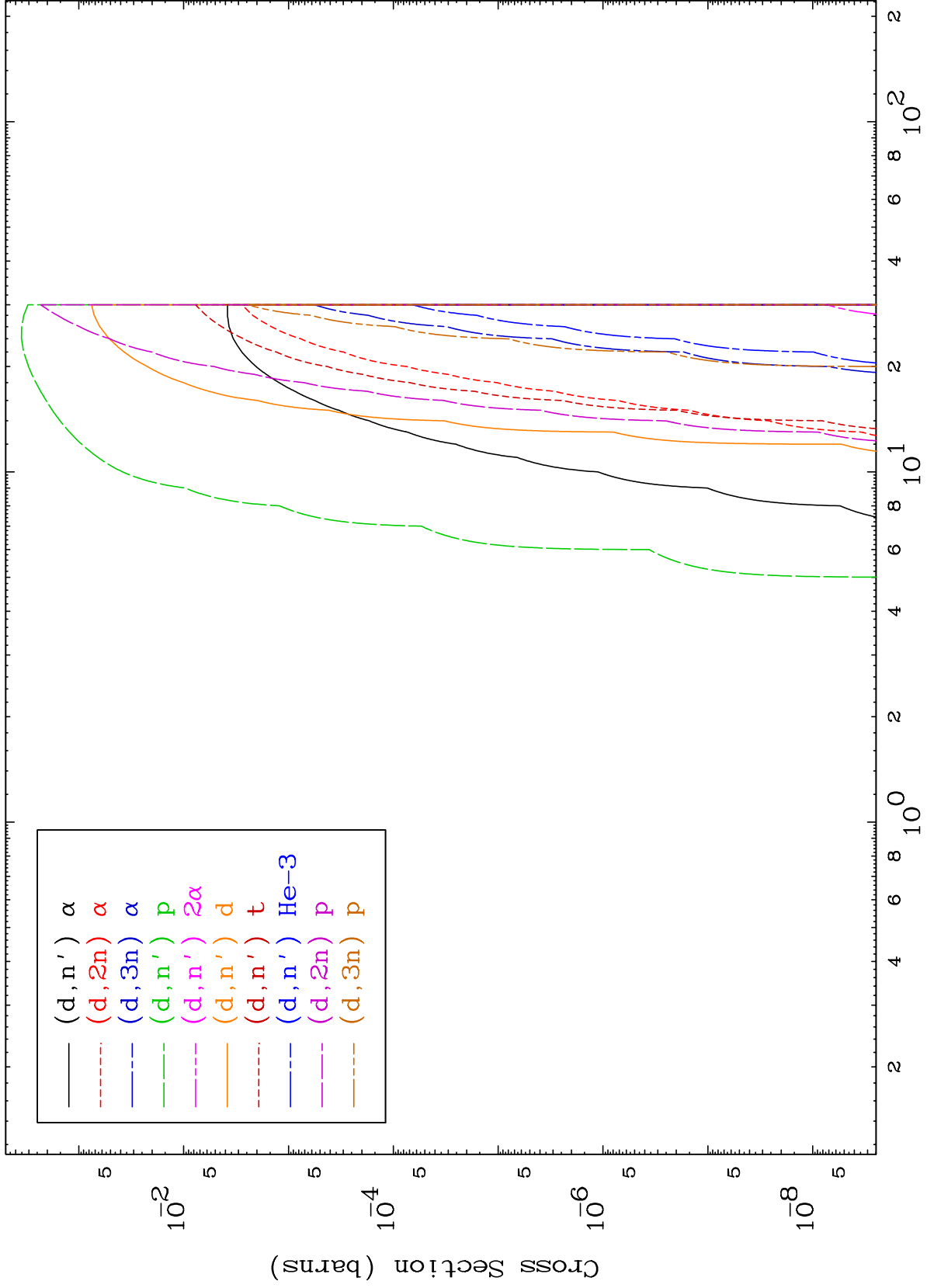
Web:redcullen1.net/HOMEPAGE.NEW

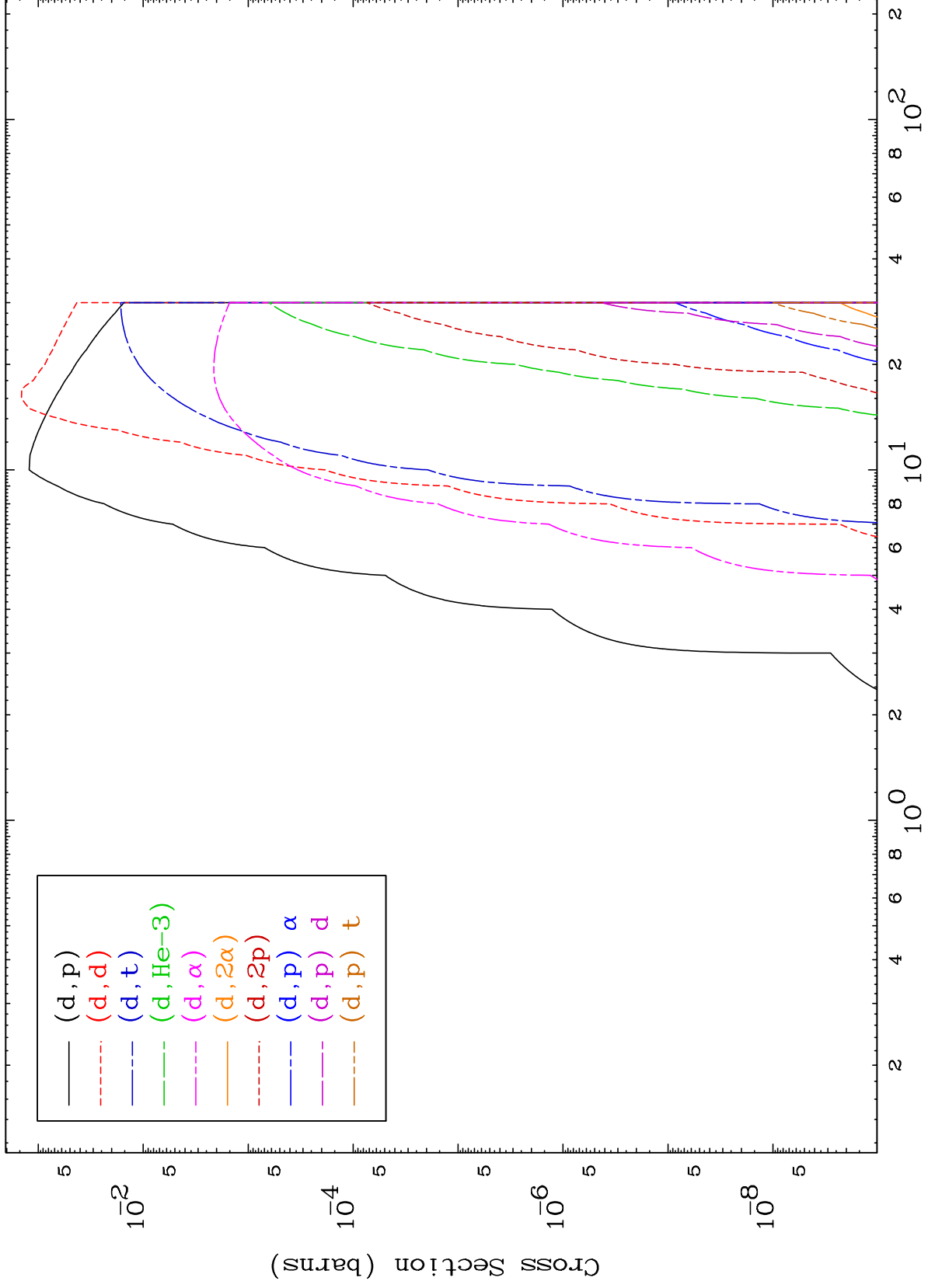
Press Mouse Button to Start









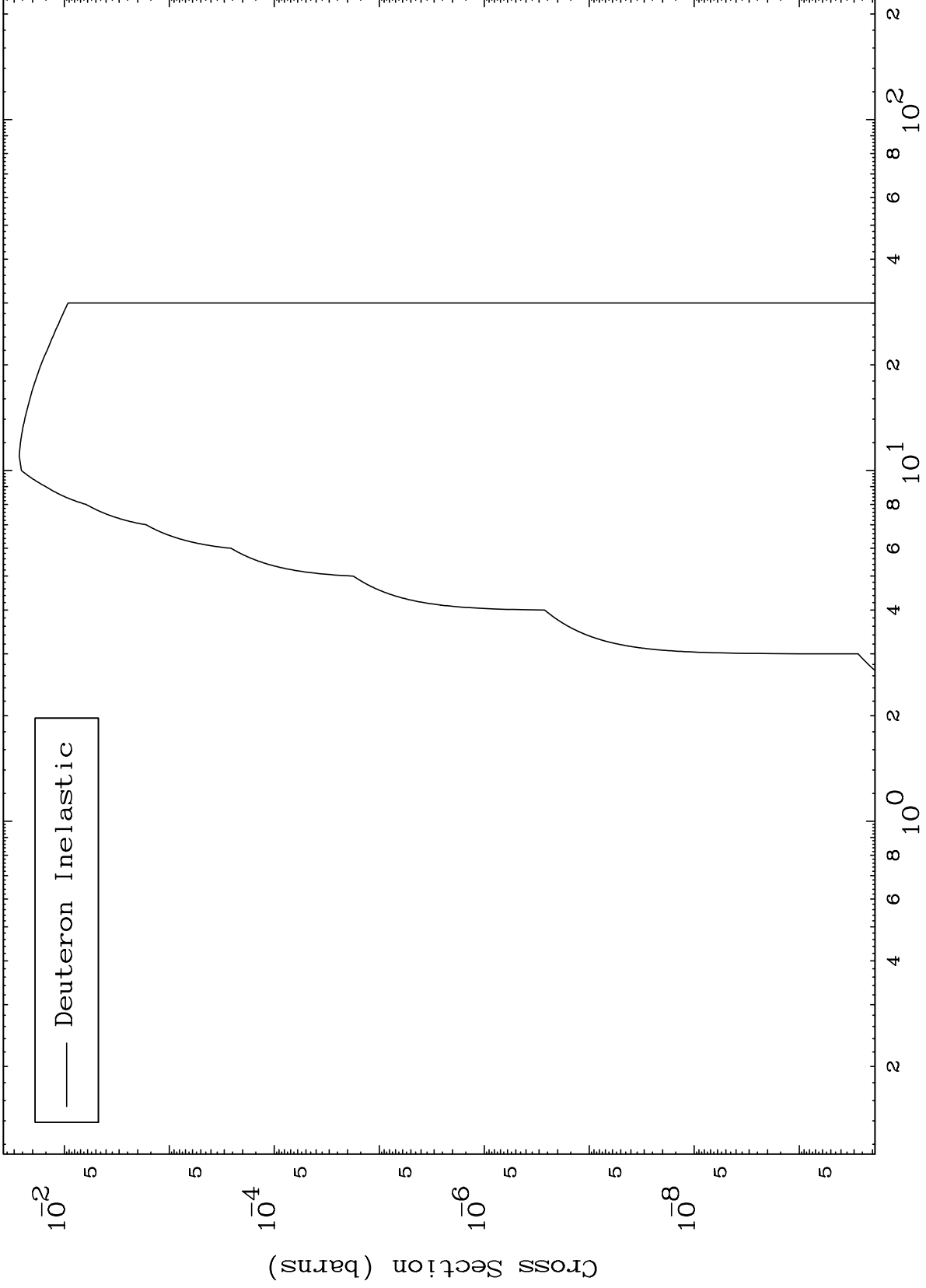


MAT 7732

(d,n') Level

77-Ir-193

0 Kelvin Cross Sections



6

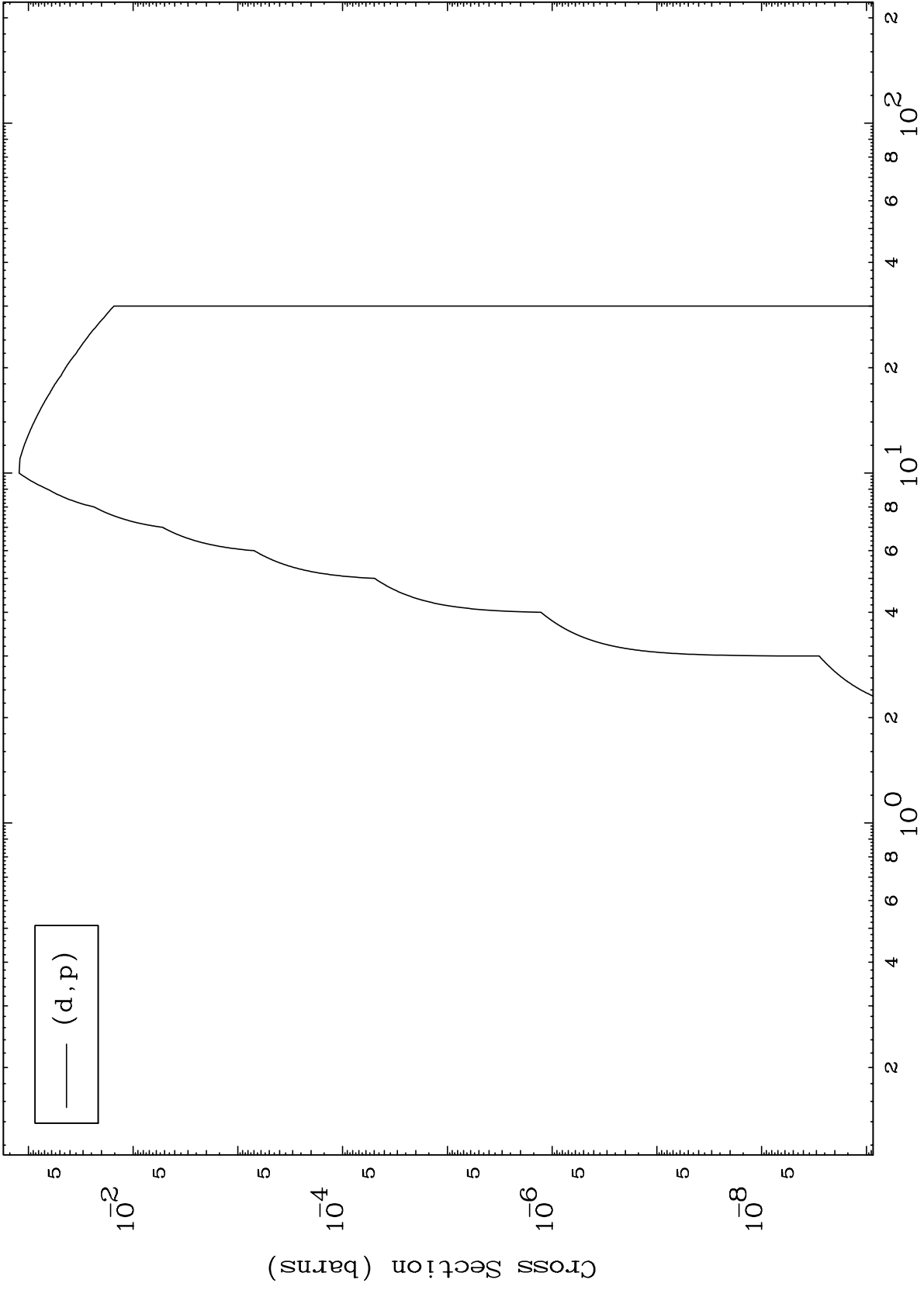
Incident Energy (MeV)

77-Ir-193

MAT 7732

77-Ir-193

(d,p) Levels  
0 Kelvin Cross Sections

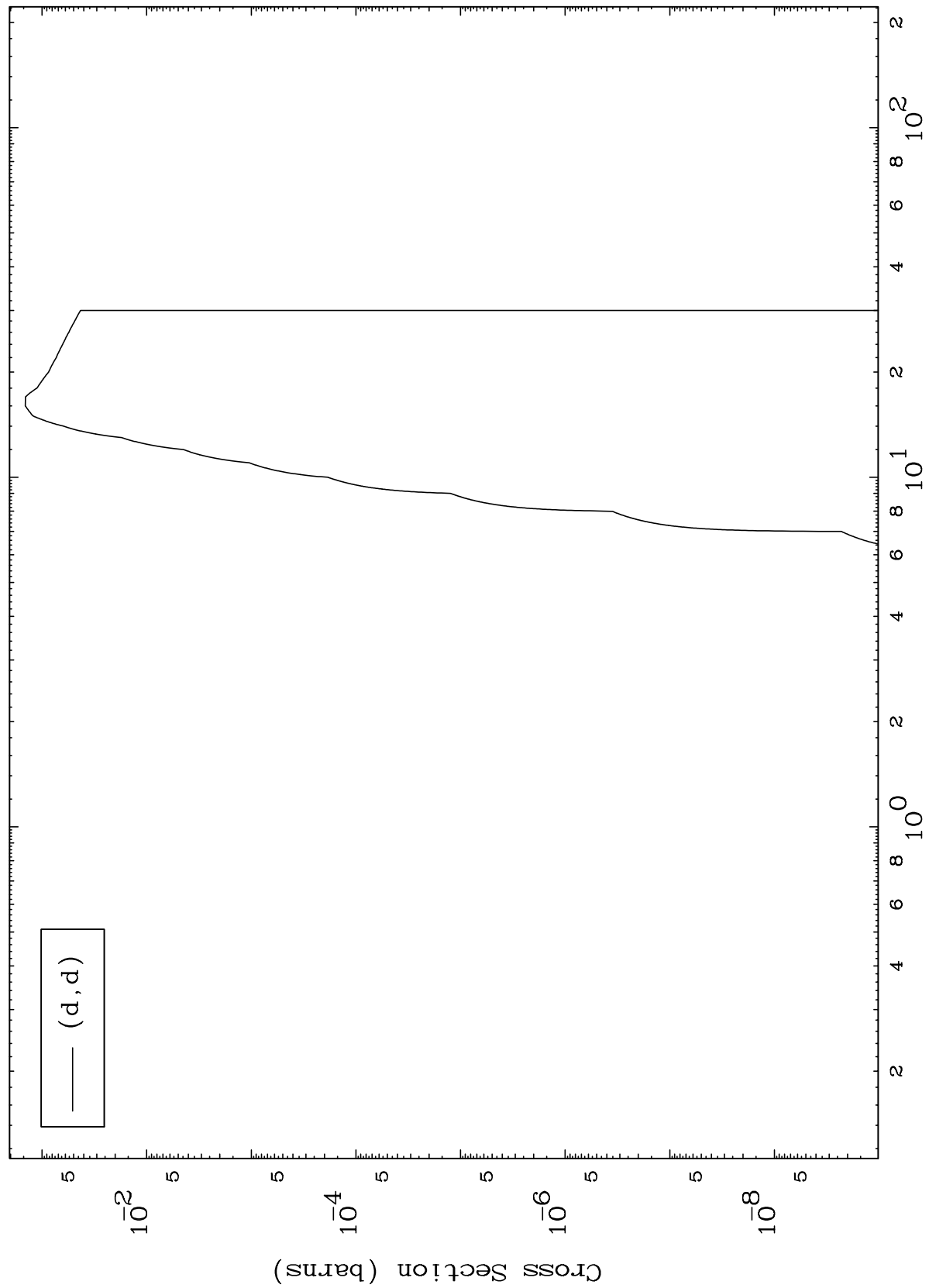




MAT 7732

77-Ir-193

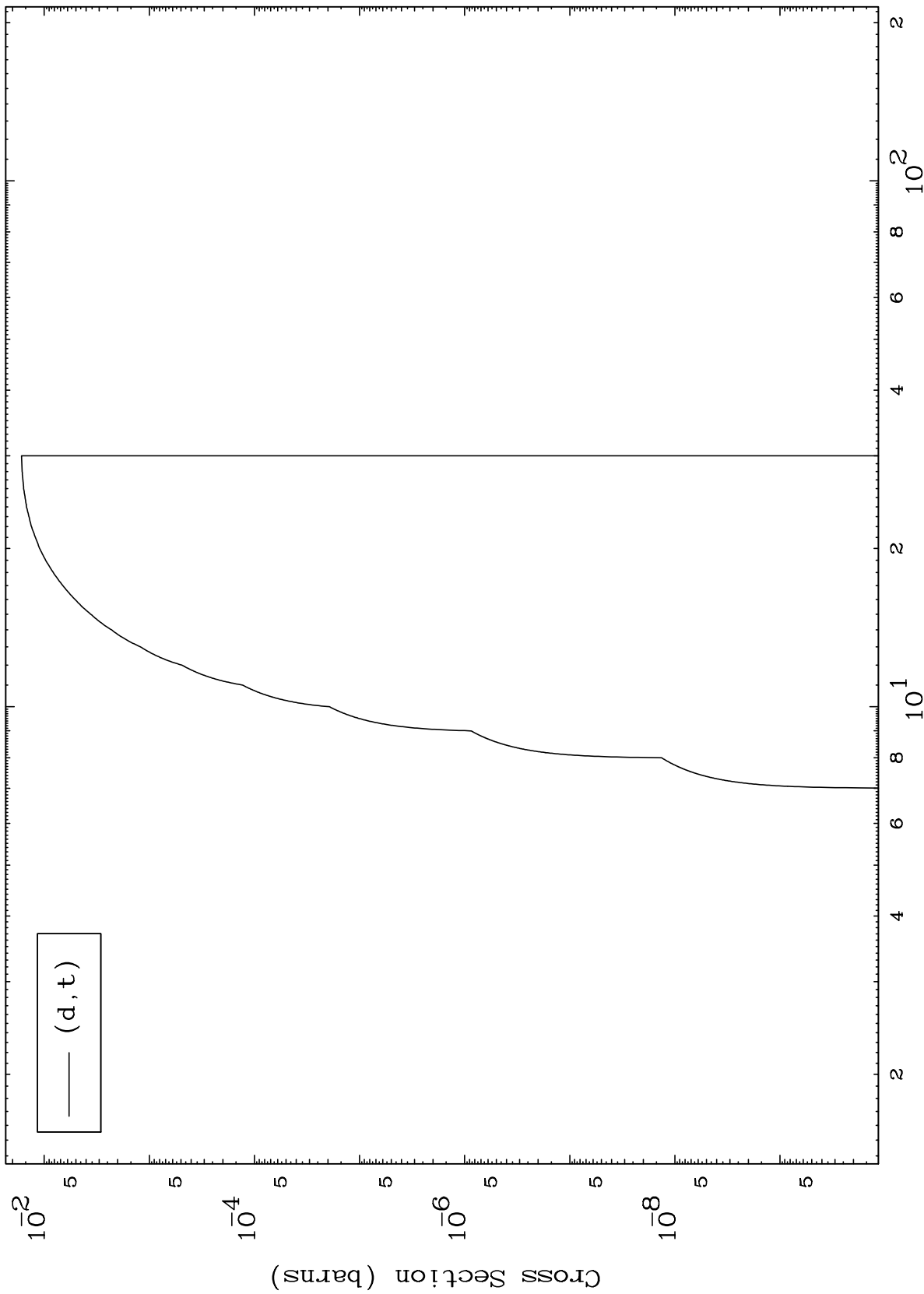
(d,d) Levels  
0 Kelvin Cross Sections



MAT 7732

77-Ir-193

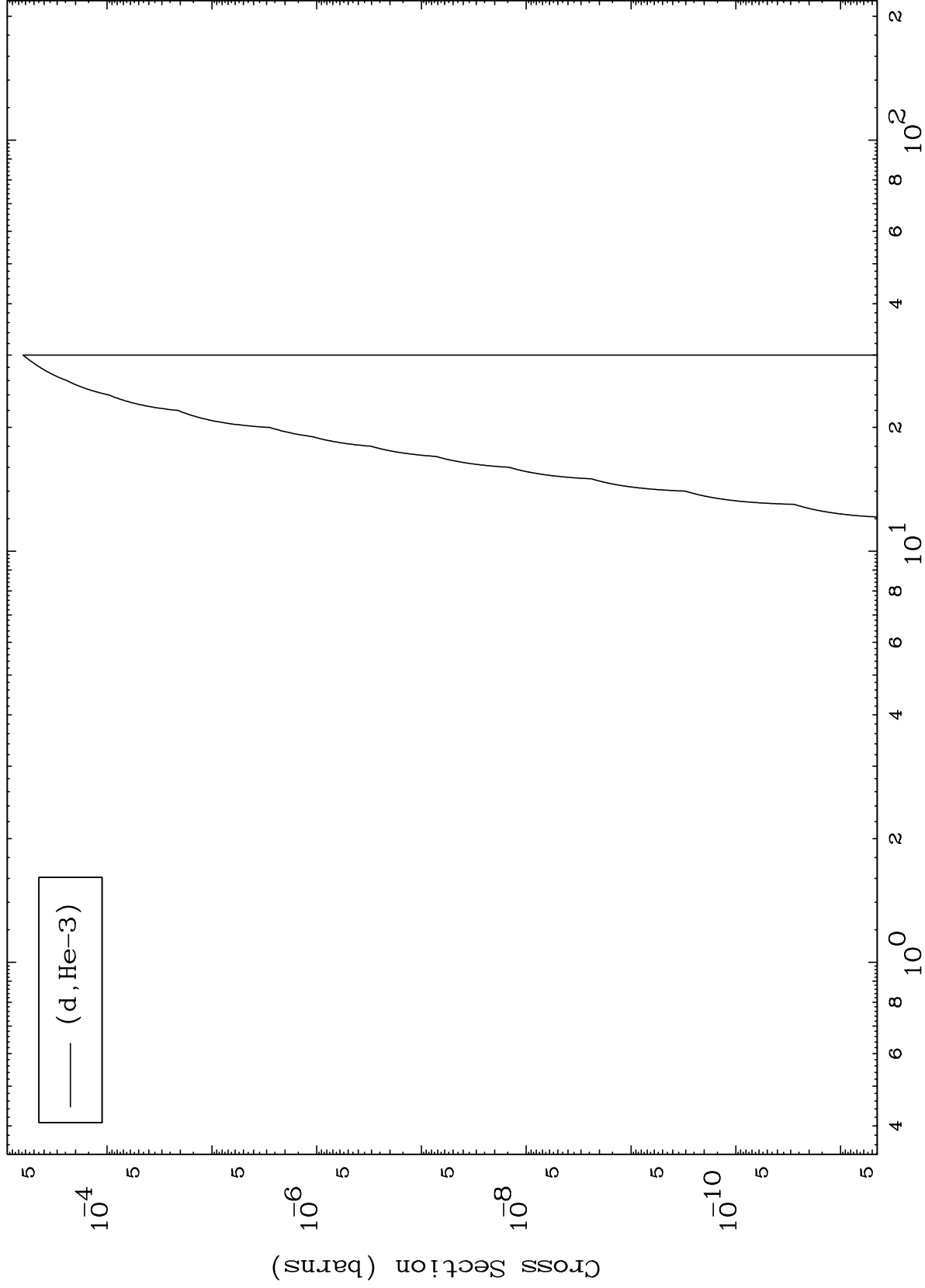
(d,t) Levels  
0 Kelvin Cross Sections



MAT 7732

(d,He3) Levels  
0 Kelvin Cross Sections

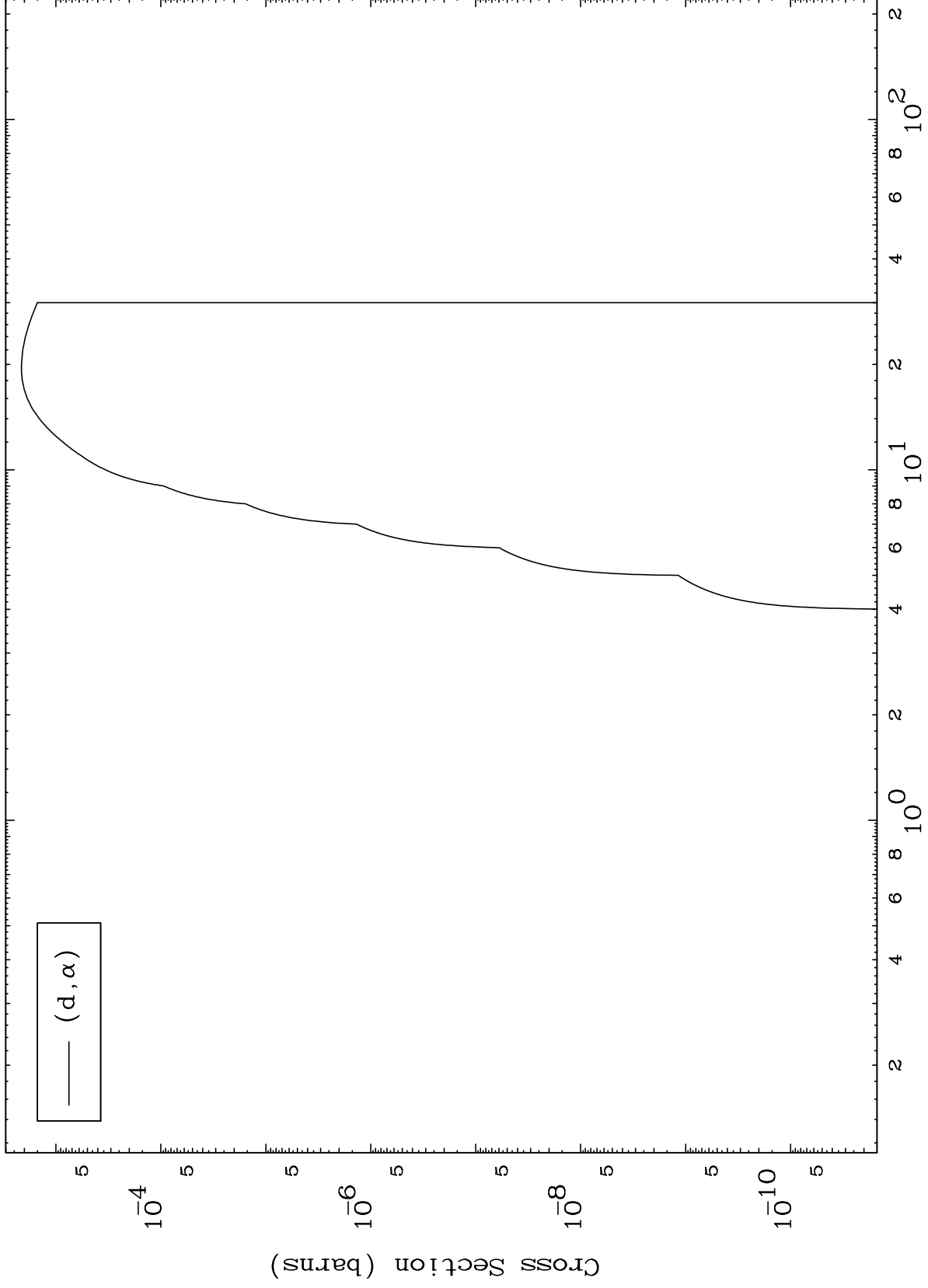
77-Ir-193



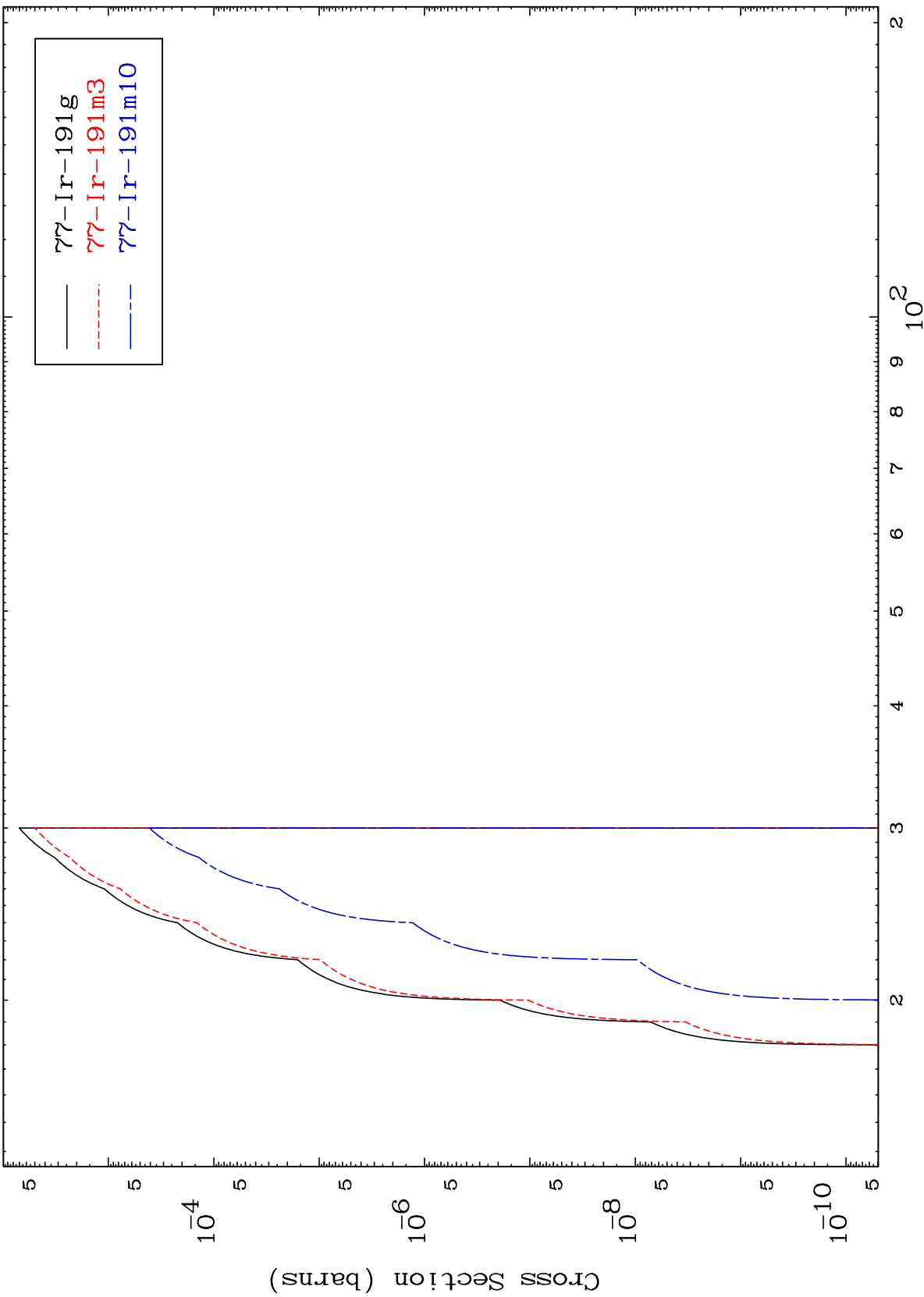
10

Incident Energy (MeV)

77-Ir-193



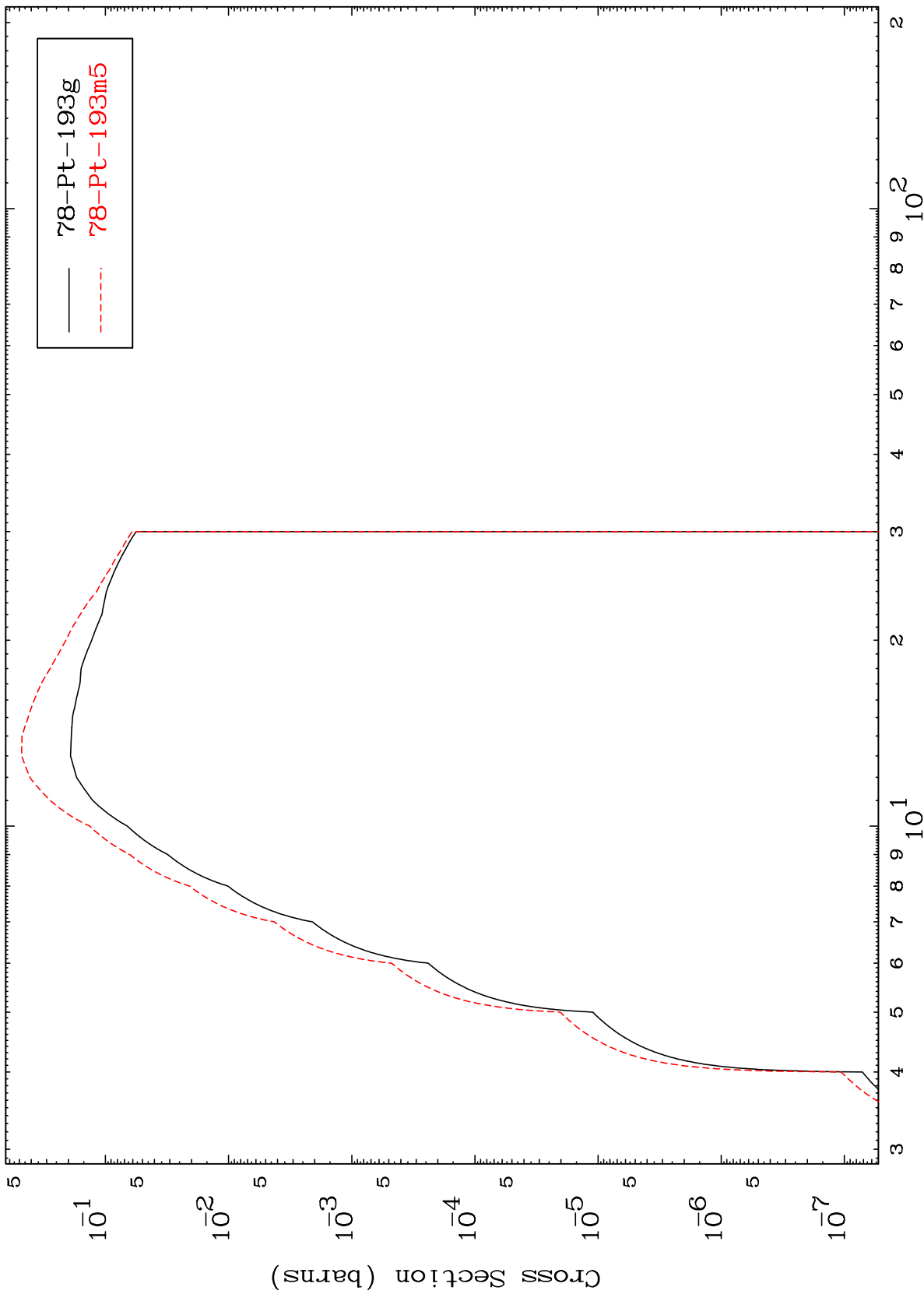
Radionuclide Production Cross Section



MAT 7732

77-Ir-193

(d,2n)  
Radionuclide Production Cross Section



13

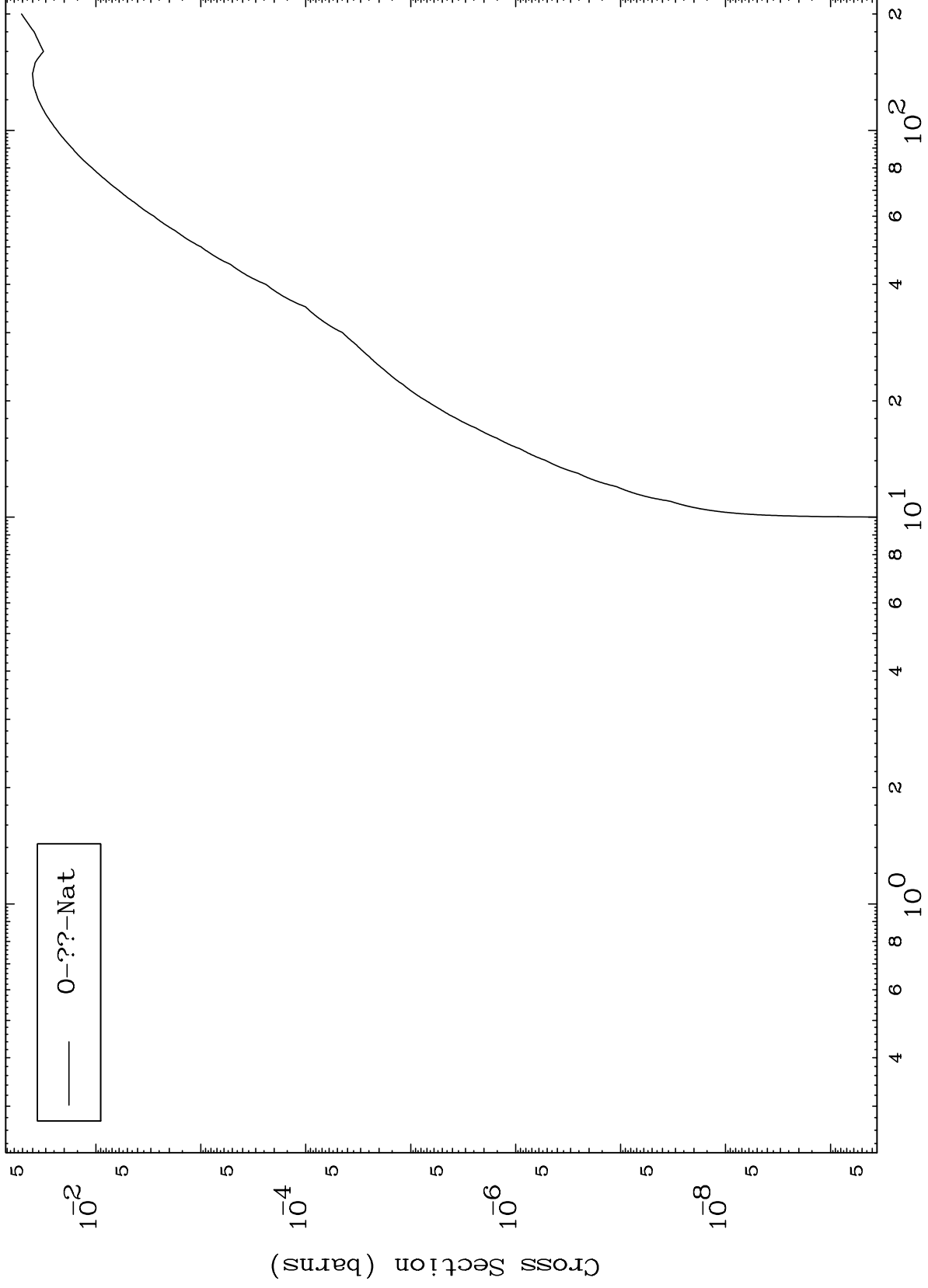
Incident Energy (MeV)

77-Ir-193

MAT 7732

Deuteron Fission  
Radionuclide Production Cross Section

77-Ir-193

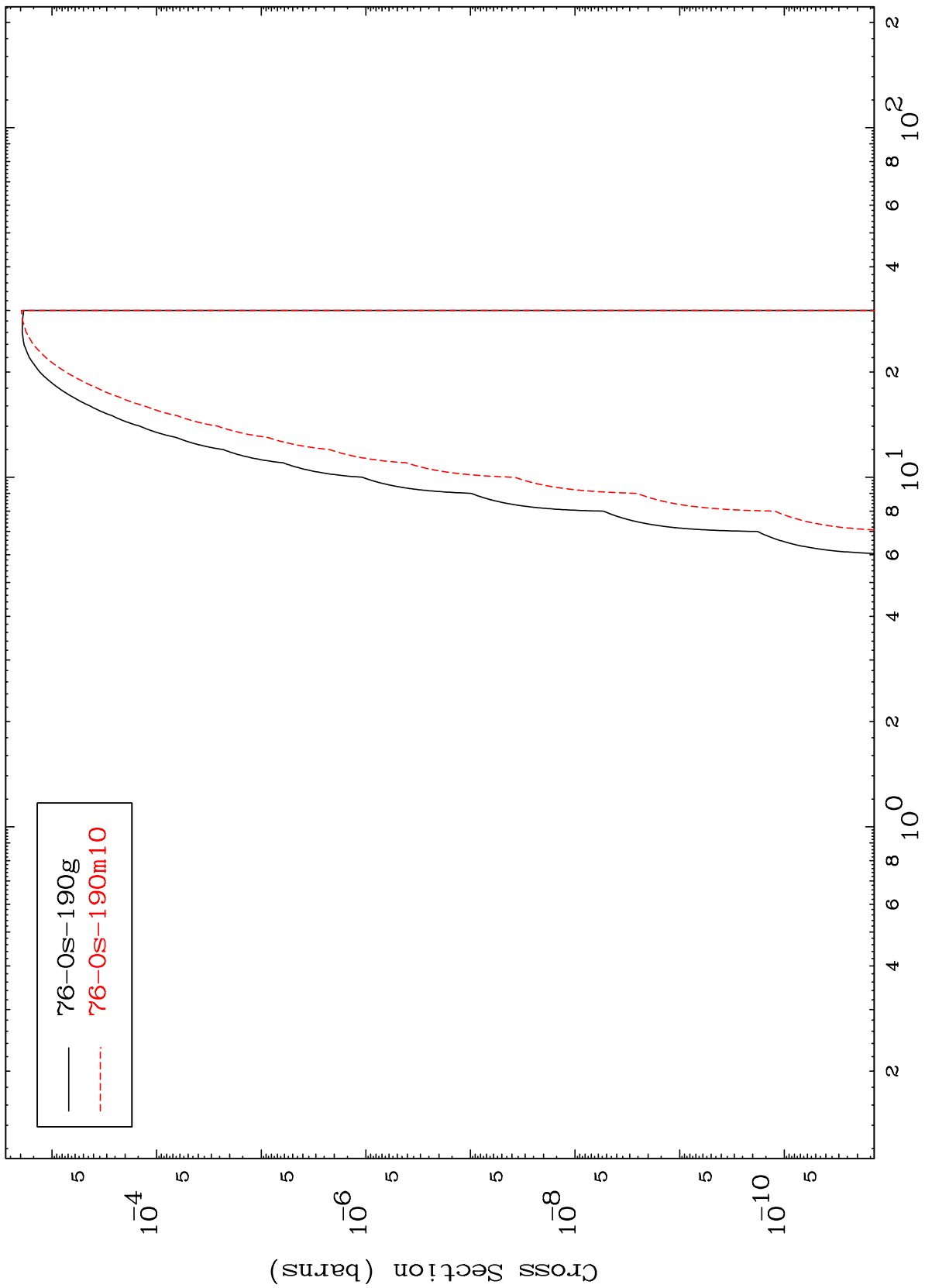


MAT 7732

(d,n')  $\alpha$

<sup>77</sup>Ir-193

Radionuclide Production Cross Section



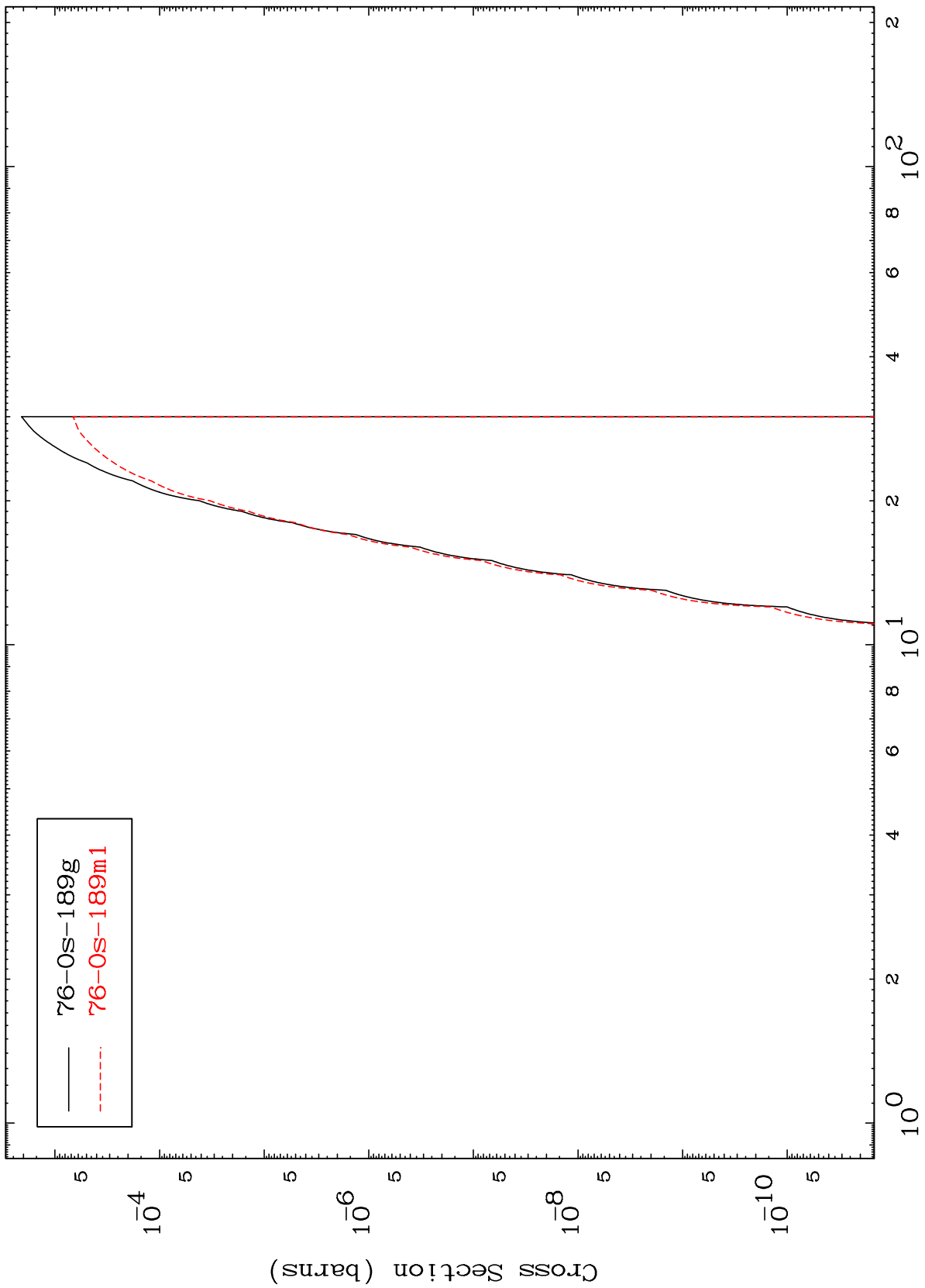


MAT 7732

$^{76}\text{Os}$ -189g  $\alpha$

$^{77}\text{Ir}$ -193

Radionuclide Production Cross Section



16

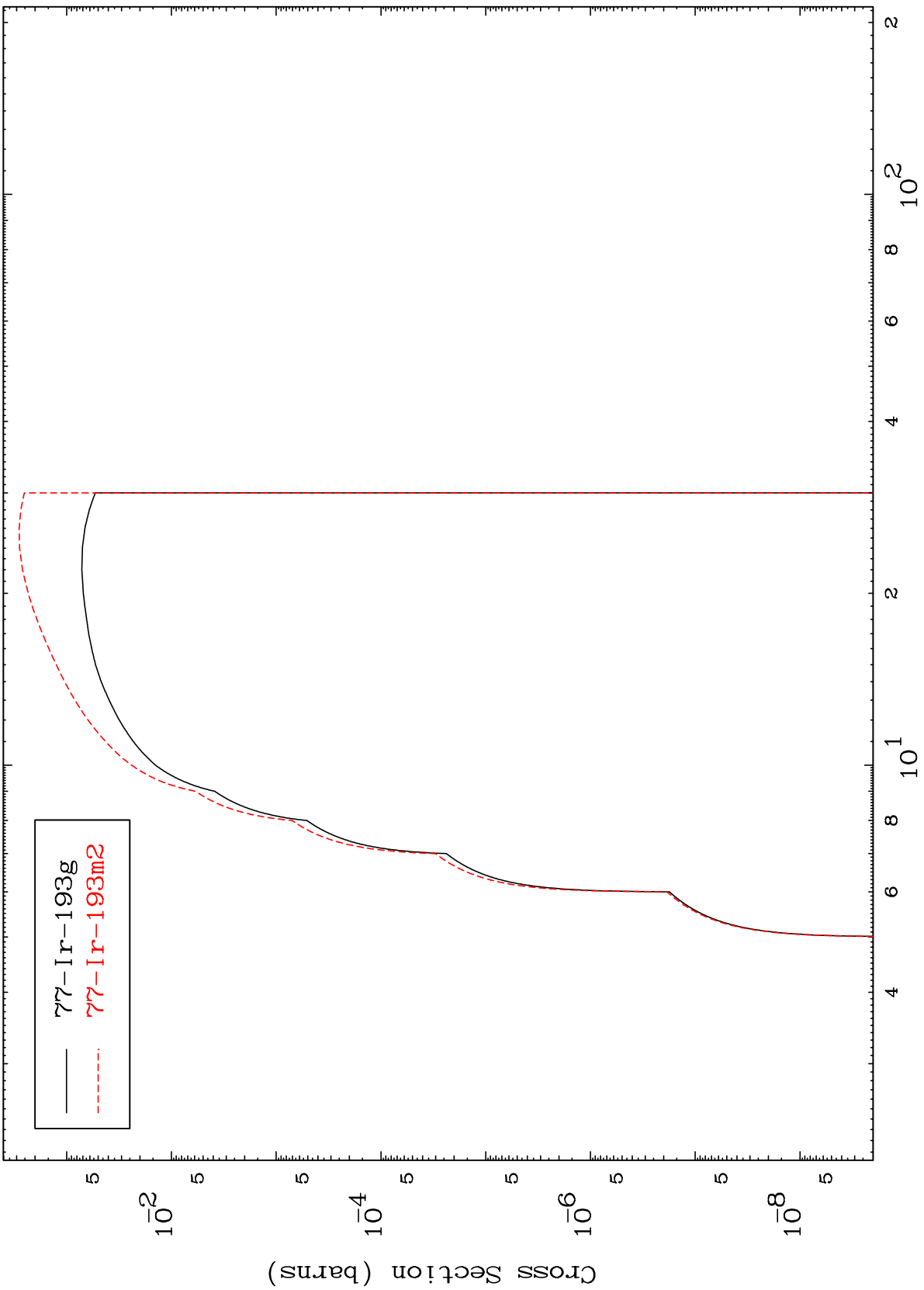
Incident Energy (MeV)

$^{77}\text{Ir}$ -193

MAT 7732

<sup>77</sup>Ir-193

Radionuclide Production Cross Section (d,n') p



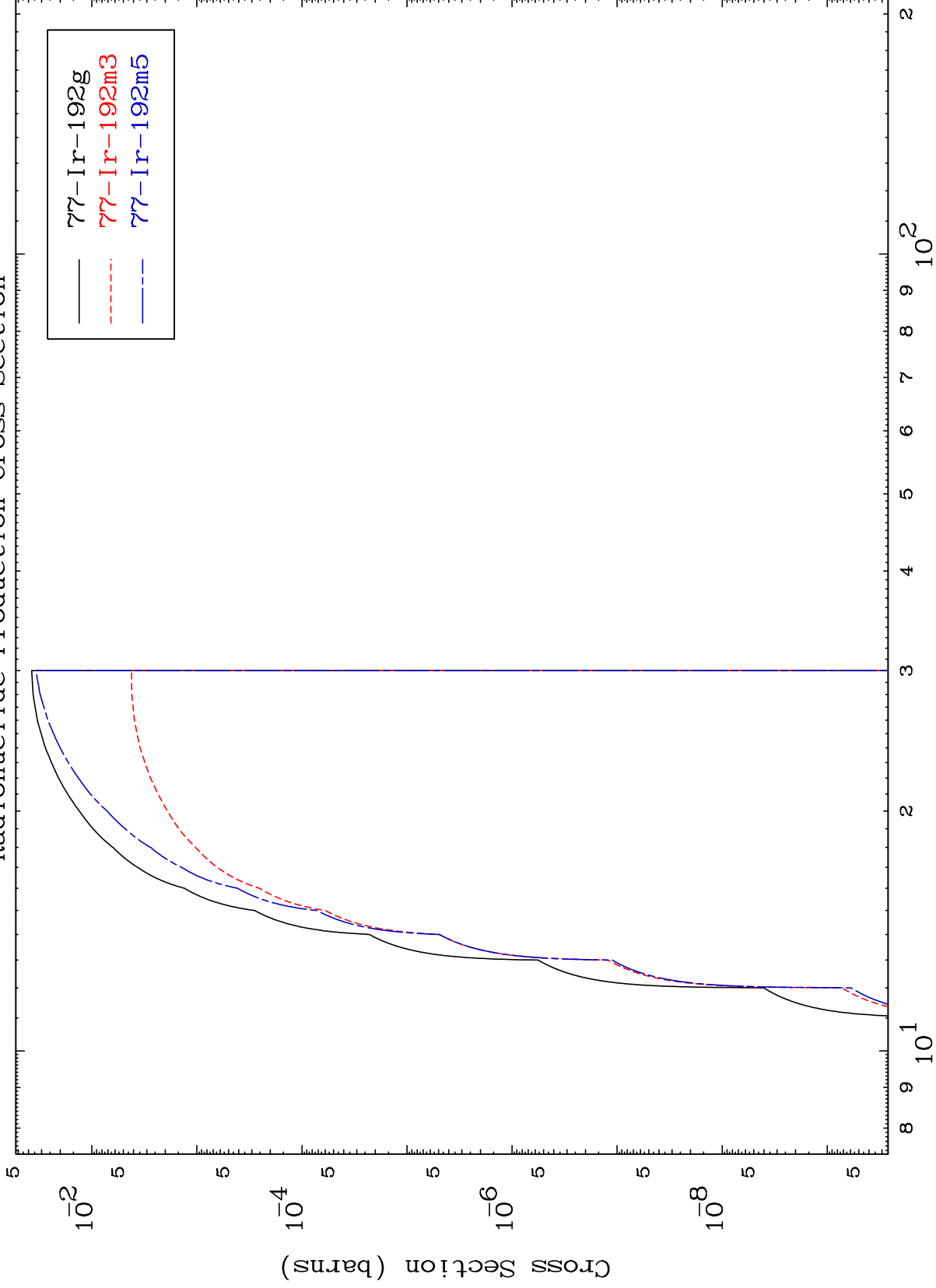
Legend:  
—  $^{77}\text{Ir-193g}$   
- - -  $^{77}\text{Ir-193m2}$

MAT 7732

(d,n') d

77-Ir-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

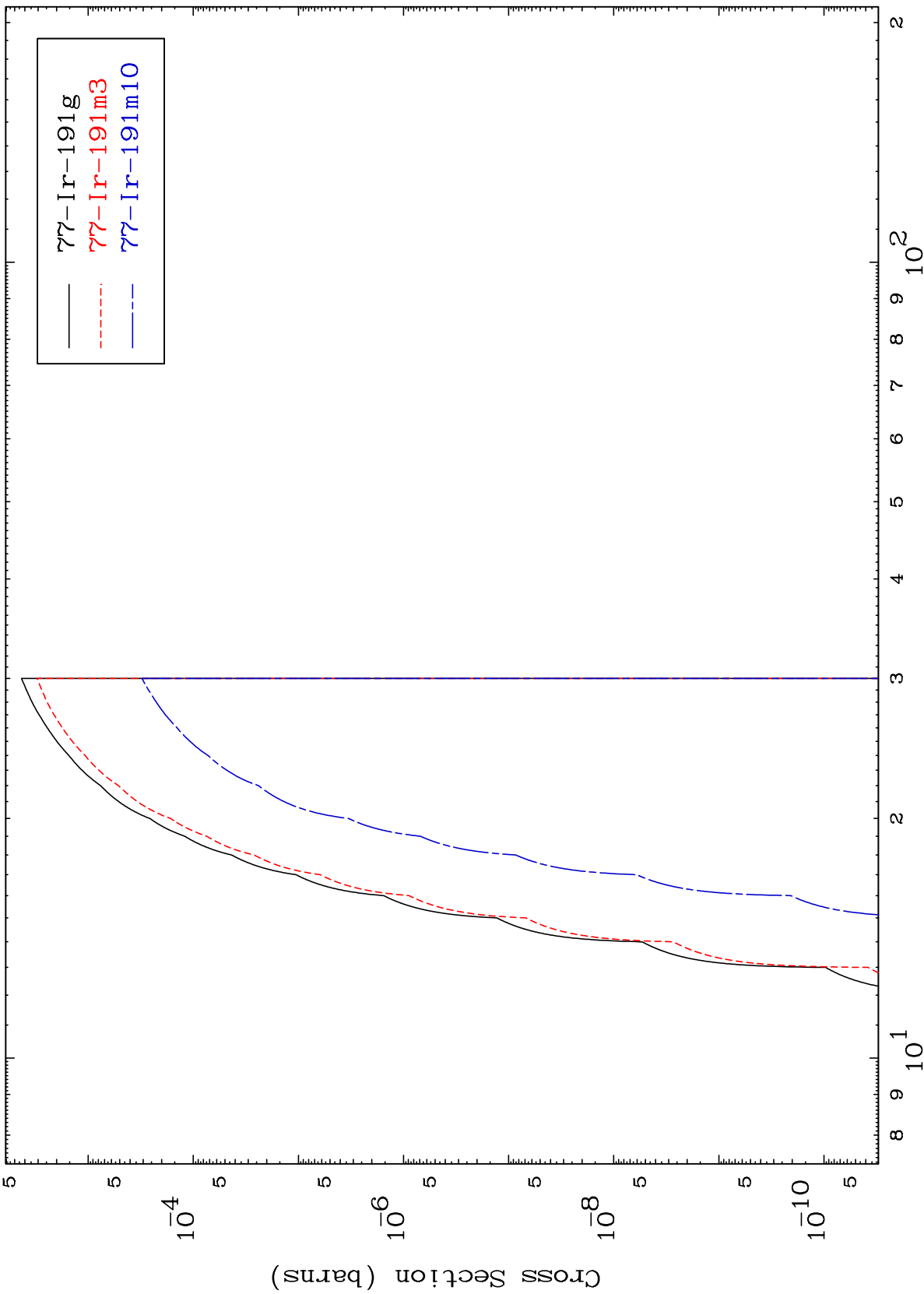
77-Ir-193

MAT 7732

(d,n') t

77-Ir-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

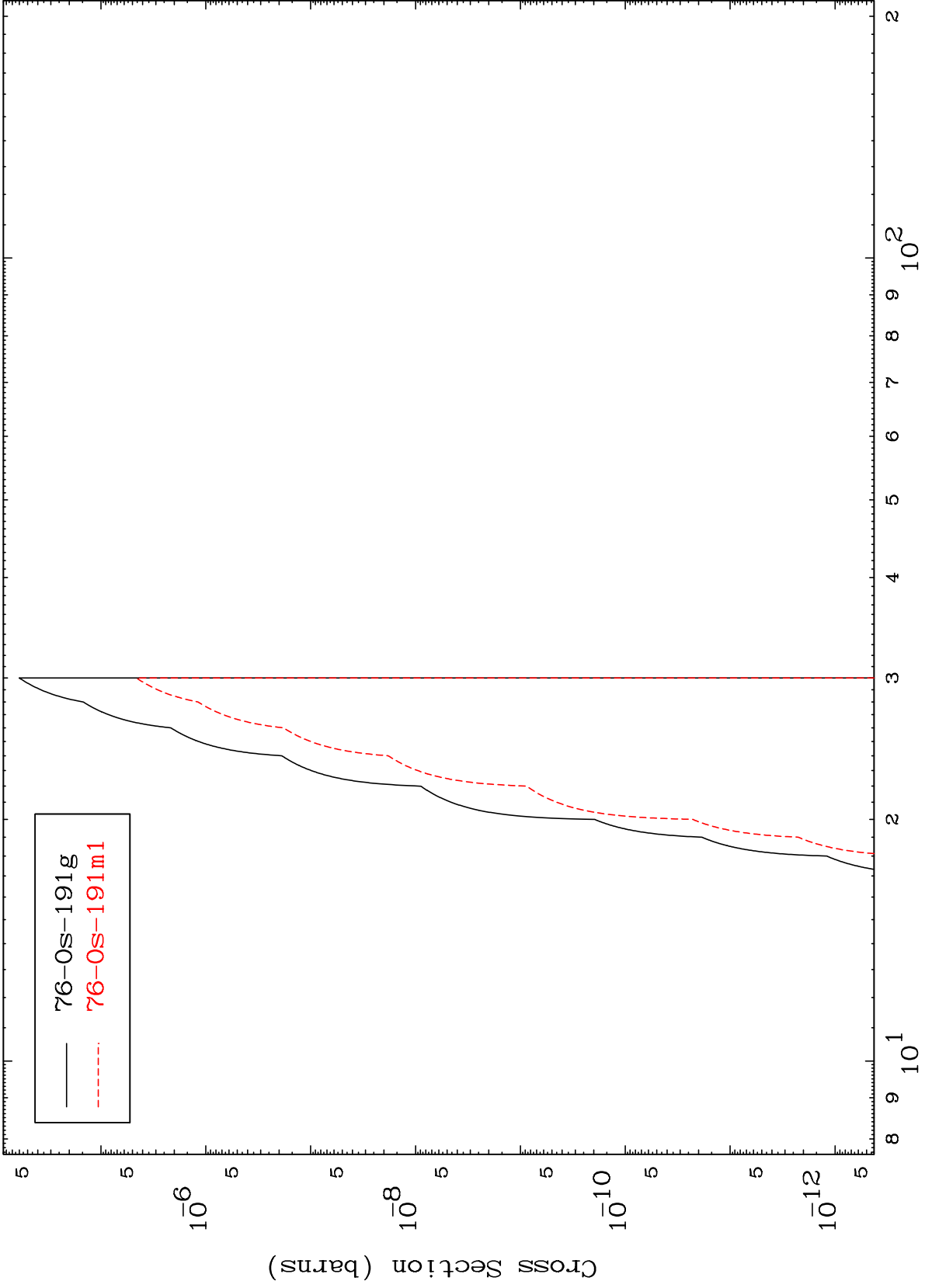
77-Ir-193

MAT 7732

(d,n') He-3

77-Ir-193

Radionuclide Production Cross Section



76-Os-191g  
76-Os-191m1

20

Incident Energy (MeV)

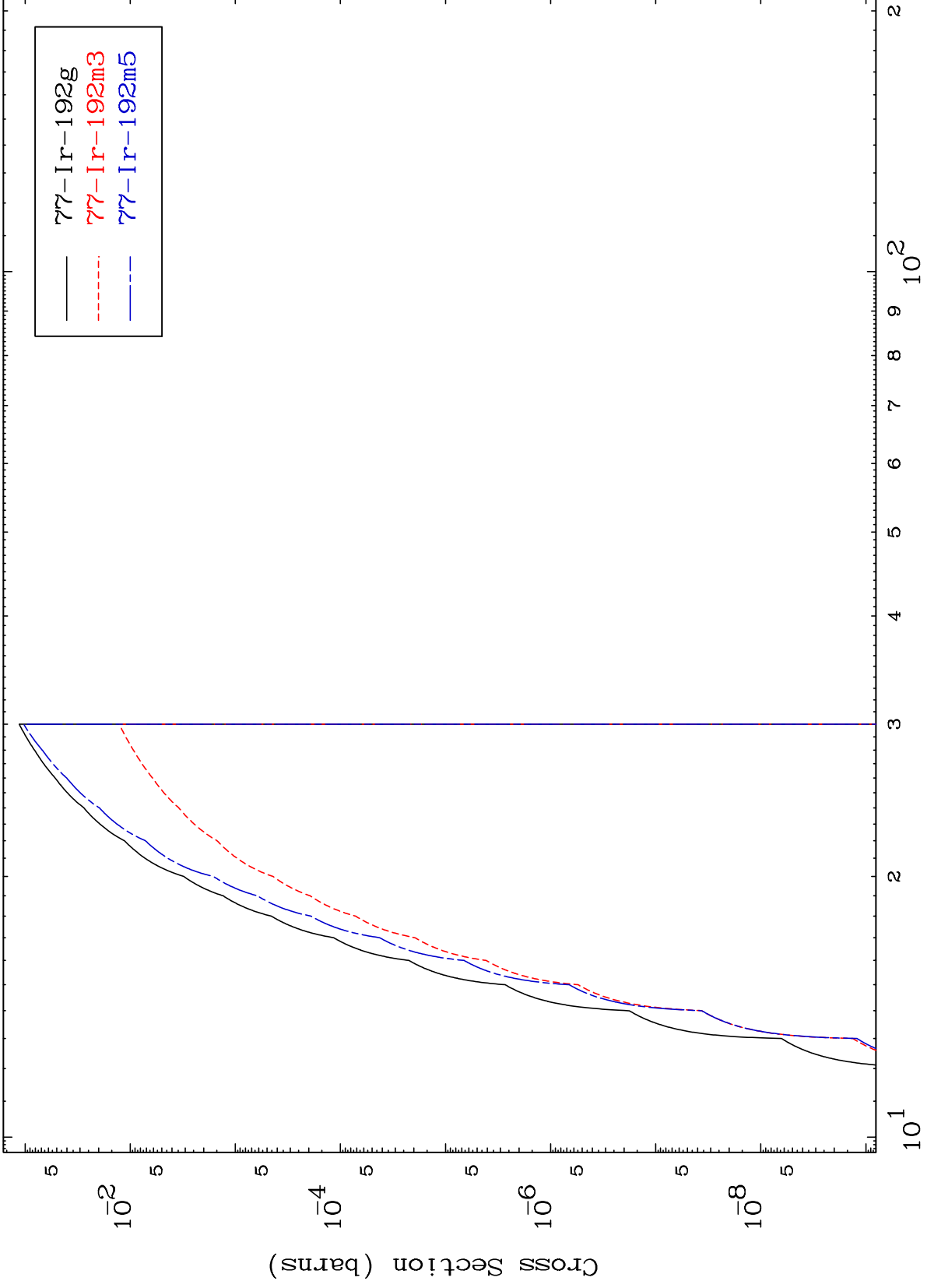
77-Ir-193

MAT 7732

(d,2n) p

<sup>77</sup>Ir-193

Radionuclide Production Cross Section

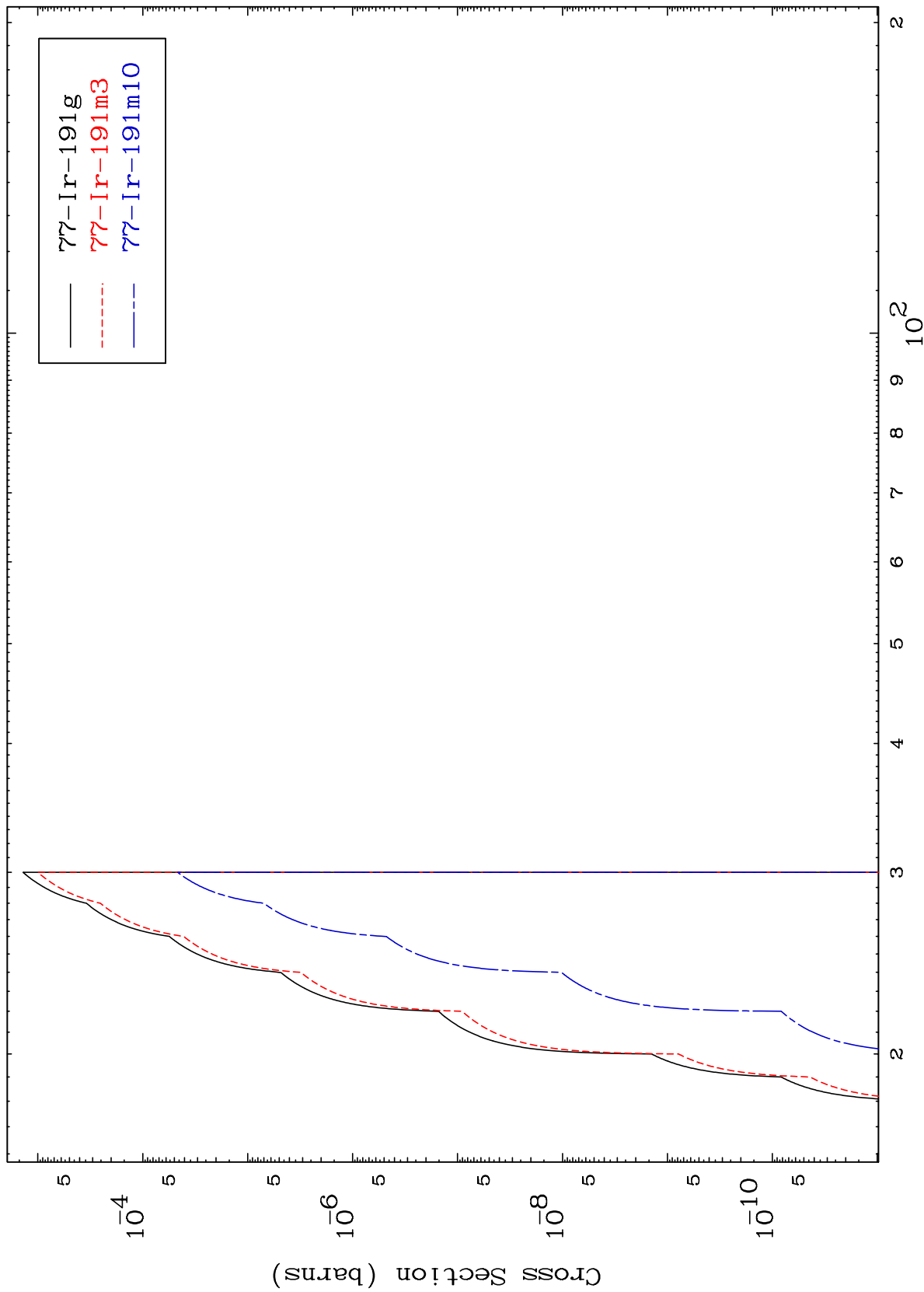


Incident Energy (MeV)

<sup>77</sup>Ir-193

21

Radionuclide Production Cross Section

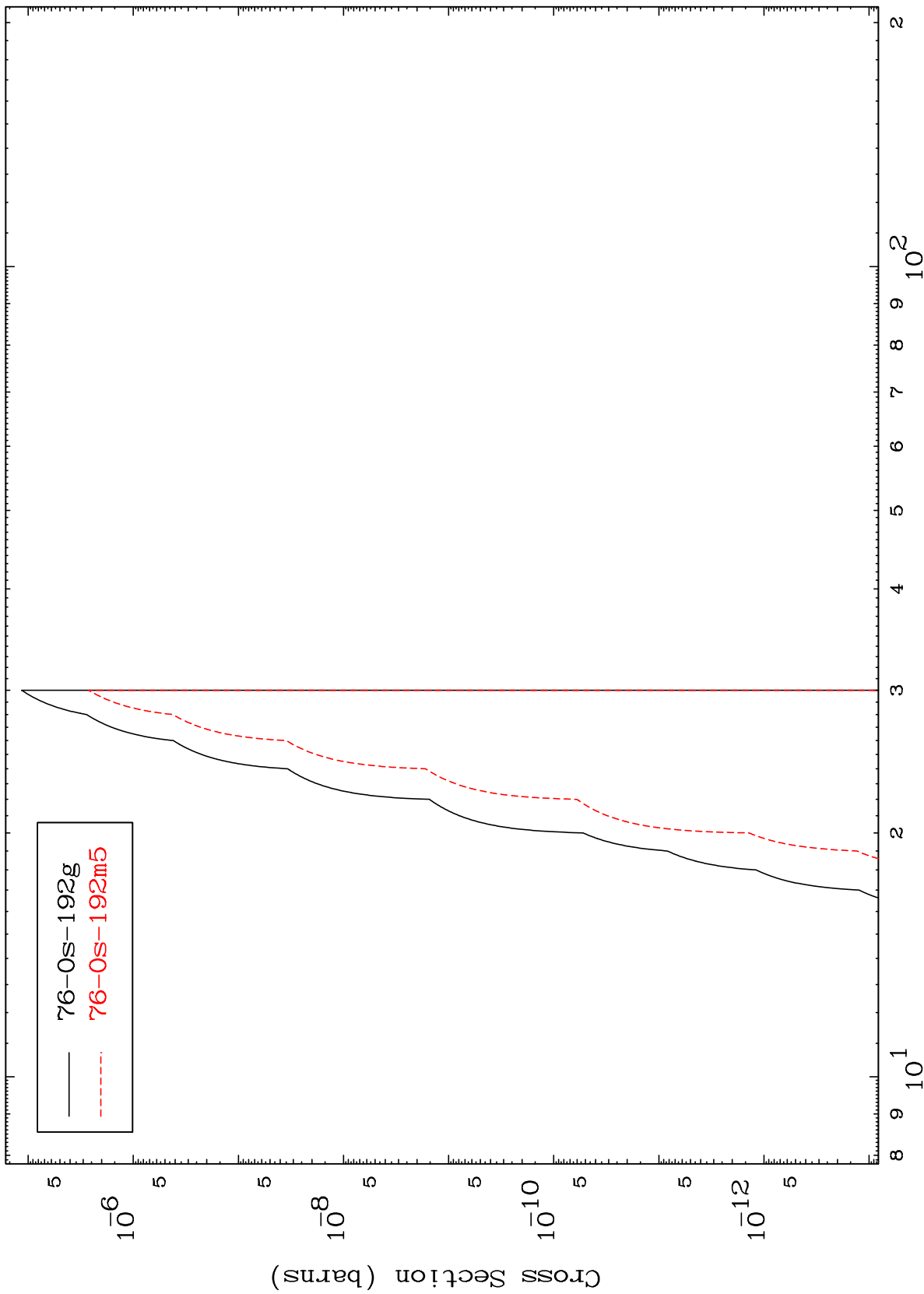


MAT 7732

(d,2n) p

<sup>77</sup>Ir-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

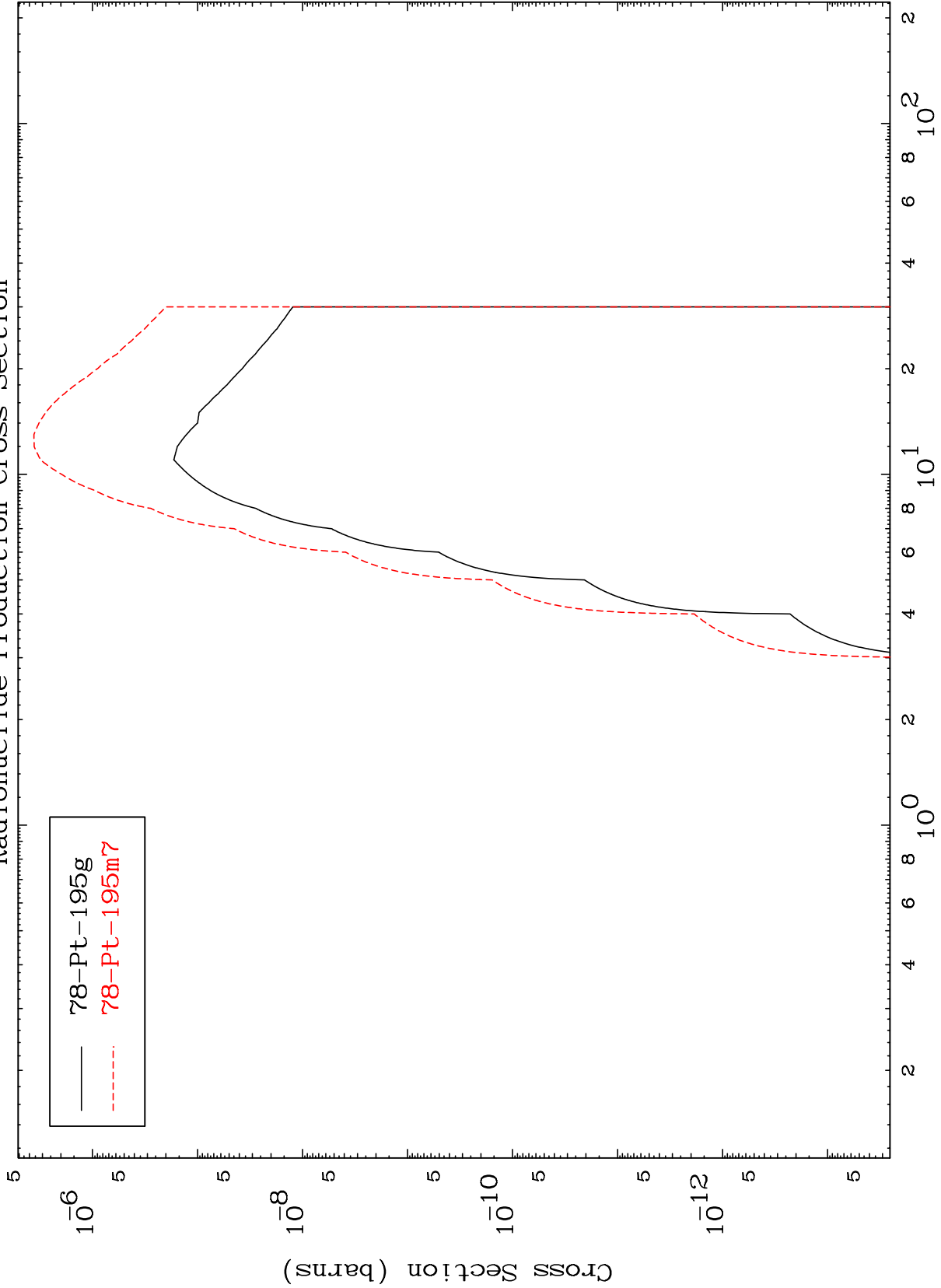
<sup>77</sup>Ir-193



MAT 7732

77-Ir-193

(d,  $\gamma$ )  
Radionuclide Production Cross Section

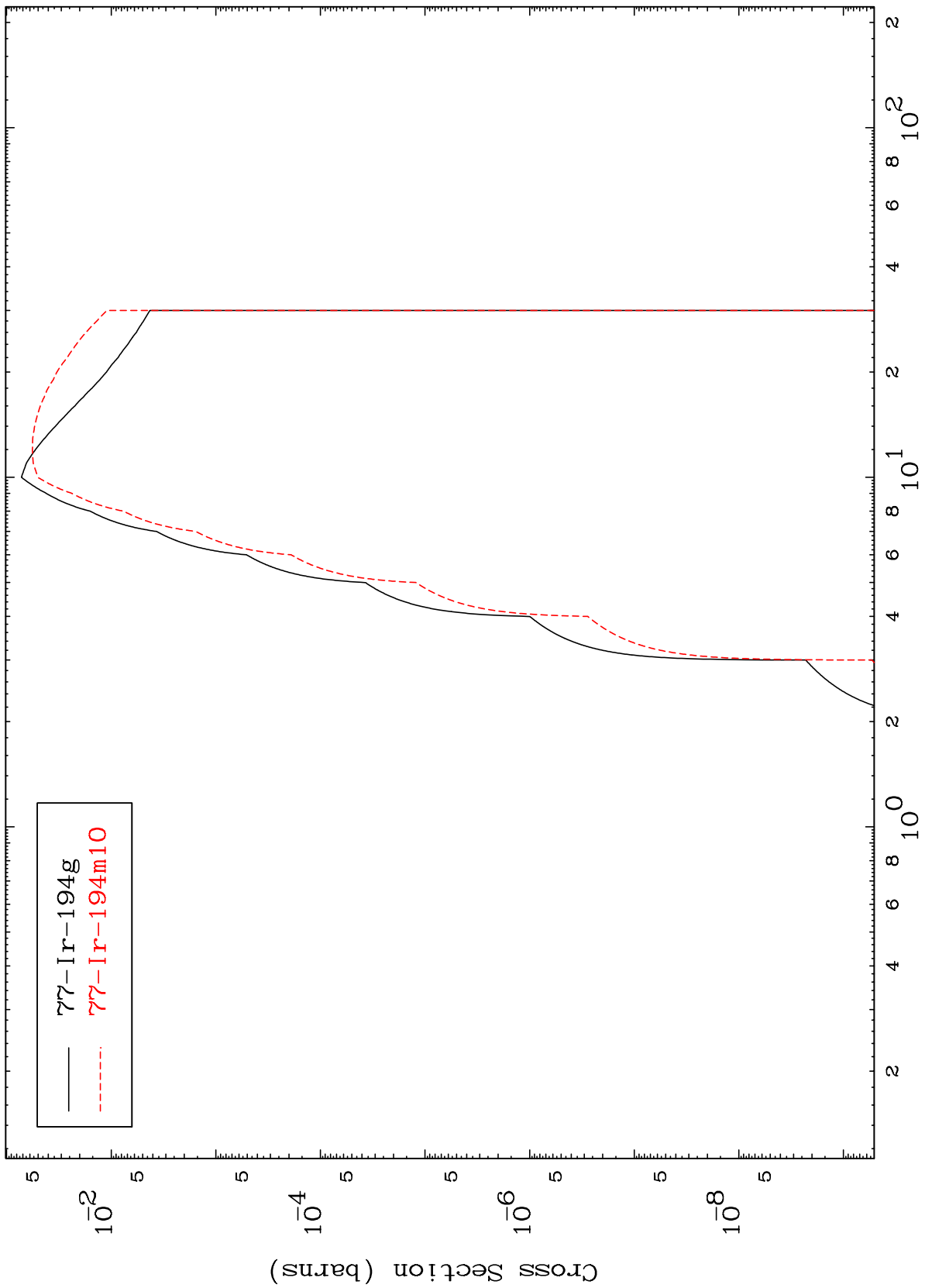


— 78-Pt-195g  
- - - 78-Pt-195m7

MAT 7732

77-Ir-193

(d,p)  
Radionuclide Production Cross Section



77-Ir-193

Incident Energy (MeV)

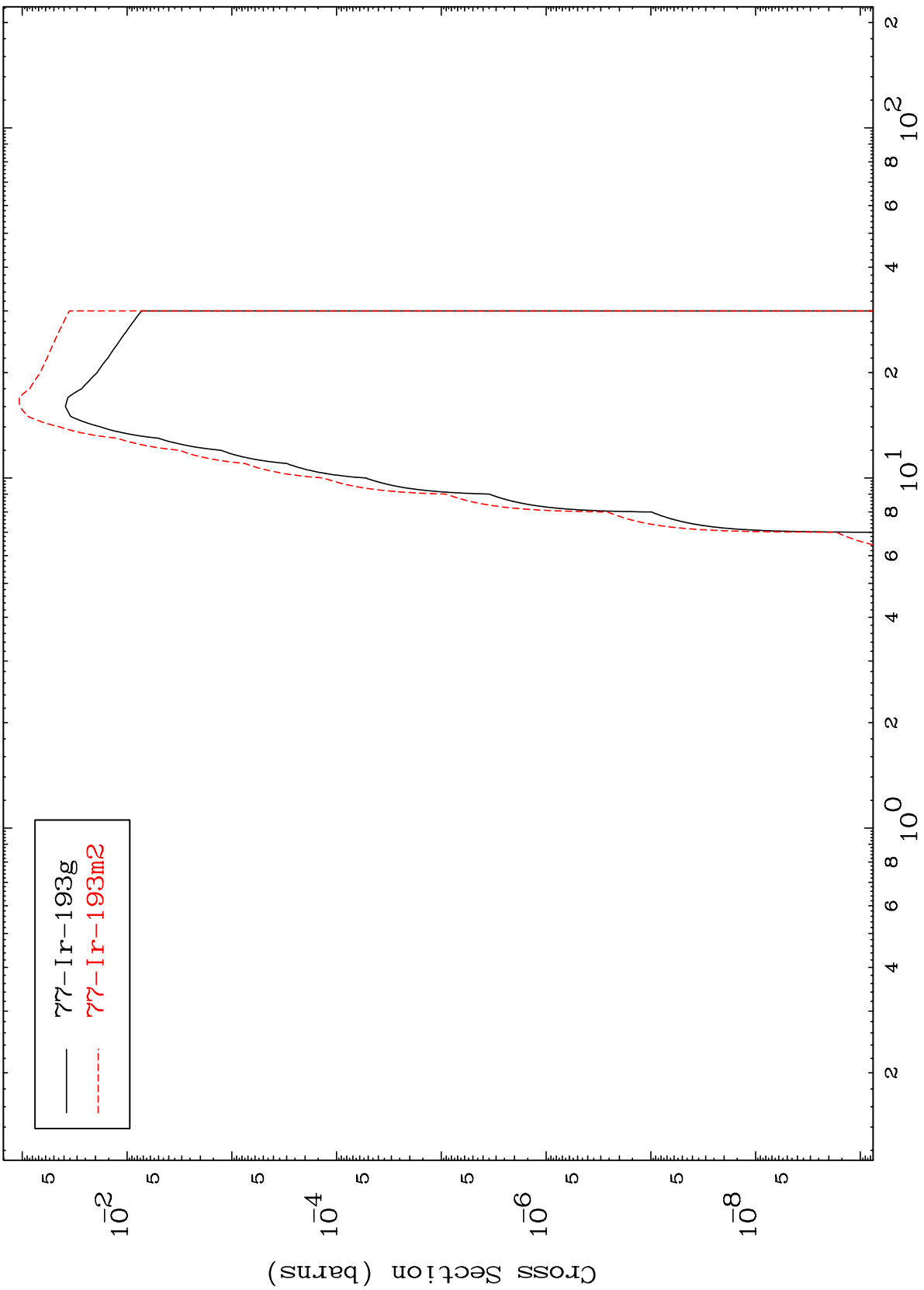
25

MAT 7732

(d,d)

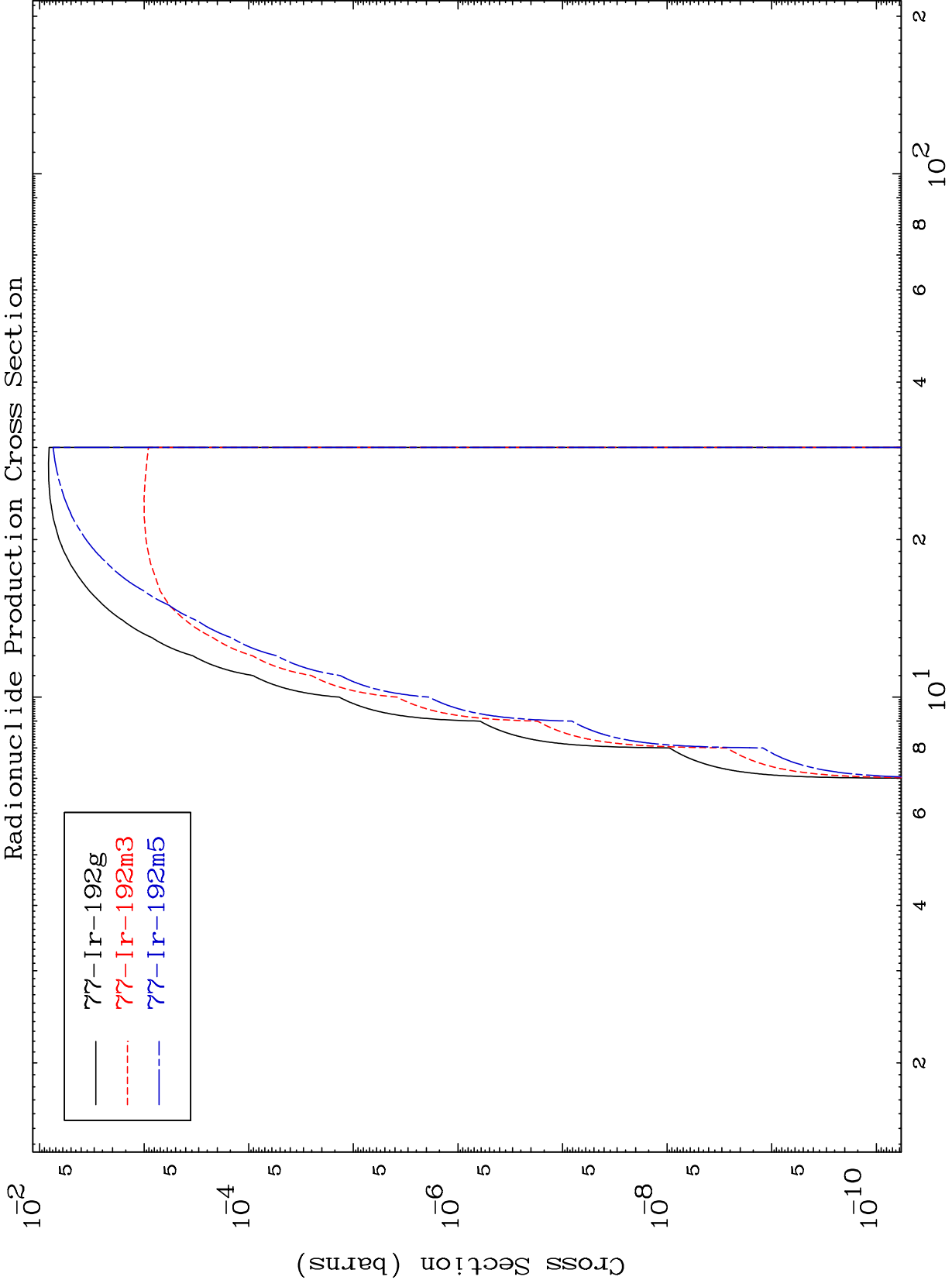
<sup>77</sup>Ir-193

Radionuclide Production Cross Section



— <sup>77</sup>Ir-193g  
- - - <sup>77</sup>Ir-193m2

(d, t)  
Radionuclide Production Cross Section

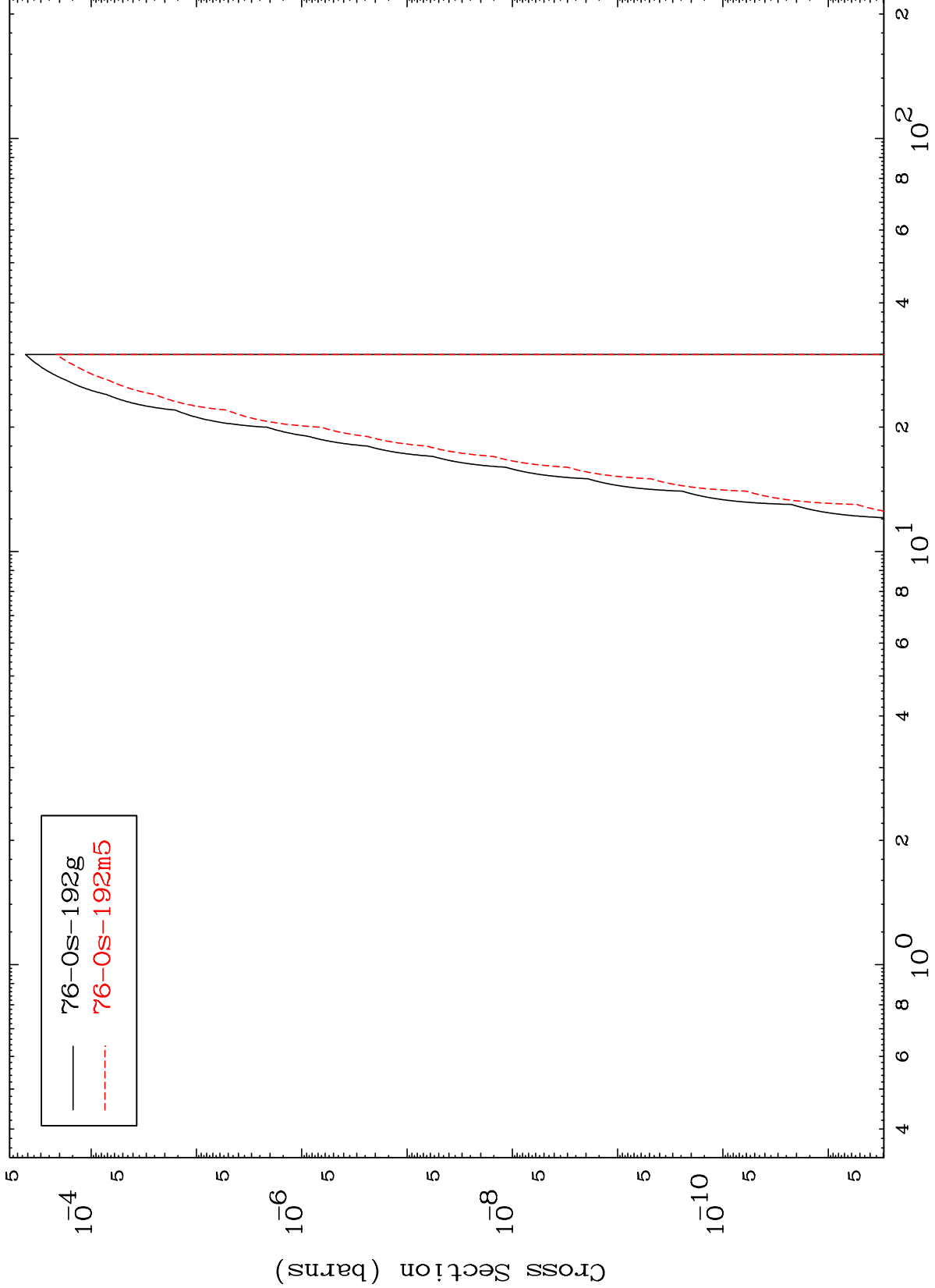


MAT 7732

(d,He-3)

77-Ir-193

Radionuclide Production Cross Section

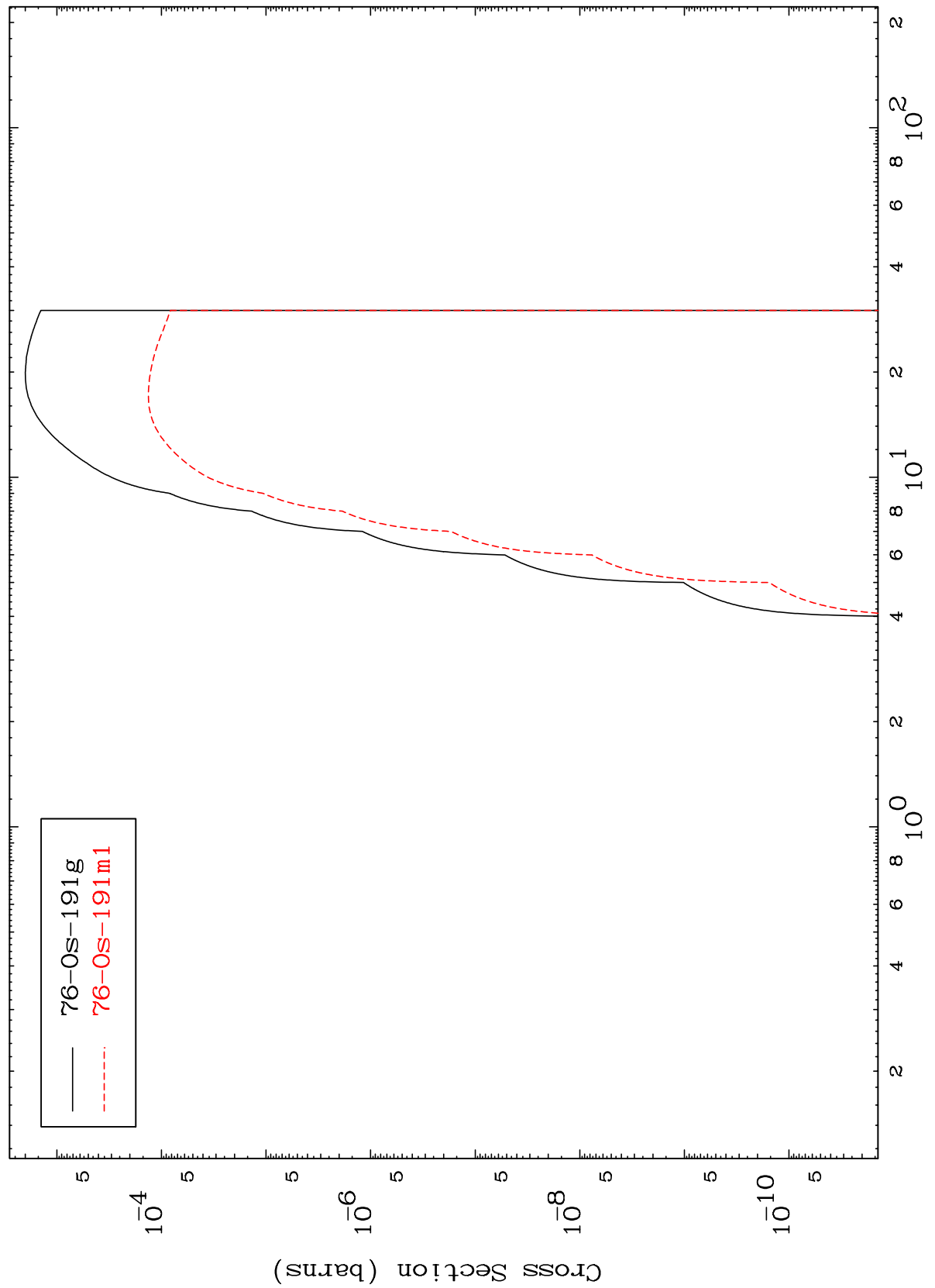


76-Os-192g  
76-Os-192m5

MAT 7732

77-Ir-193

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



29

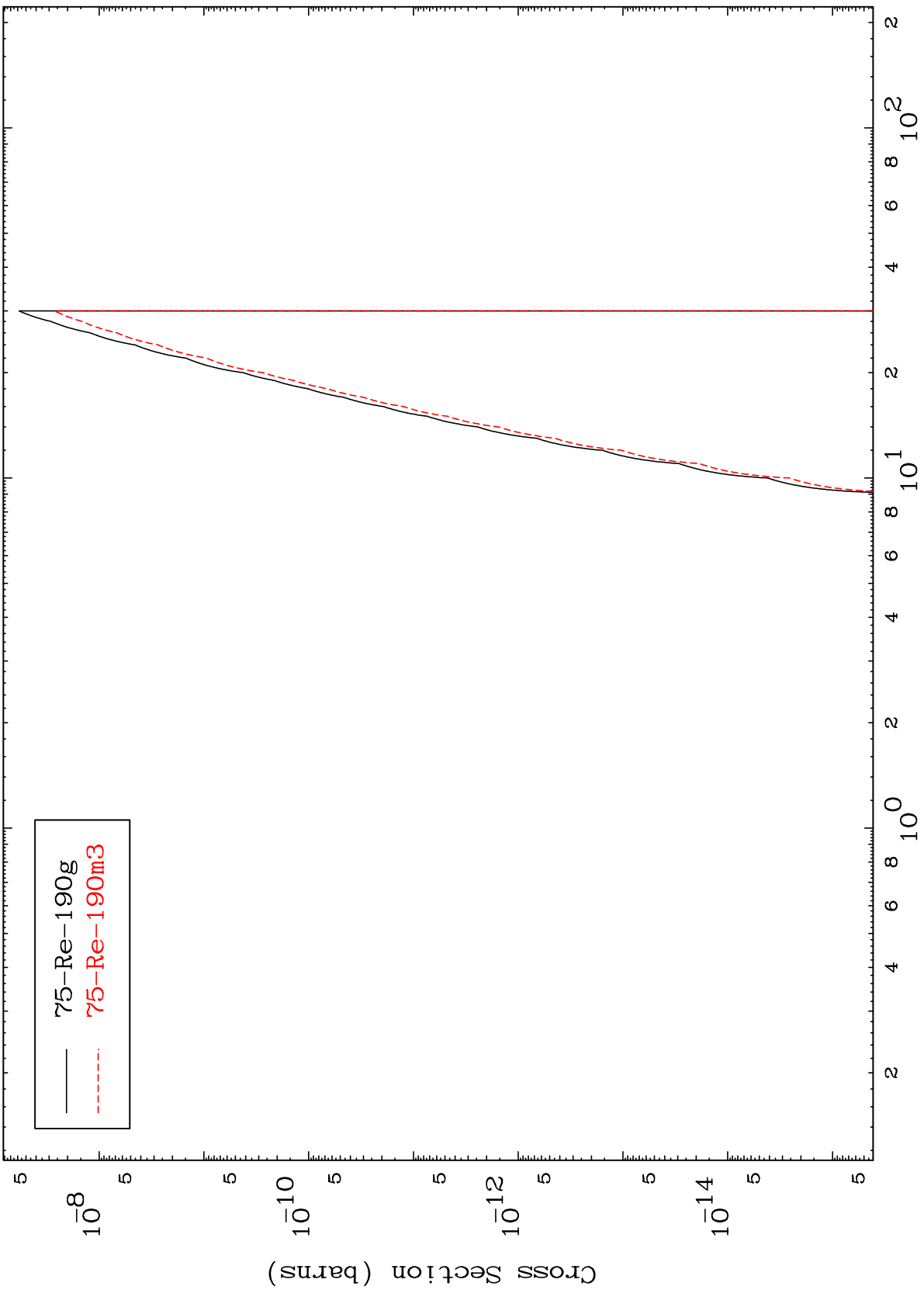
77-Ir-193

MAT 7732

(d,p)  $\alpha$

77-Ir-193

Radionuclide Production Cross Section



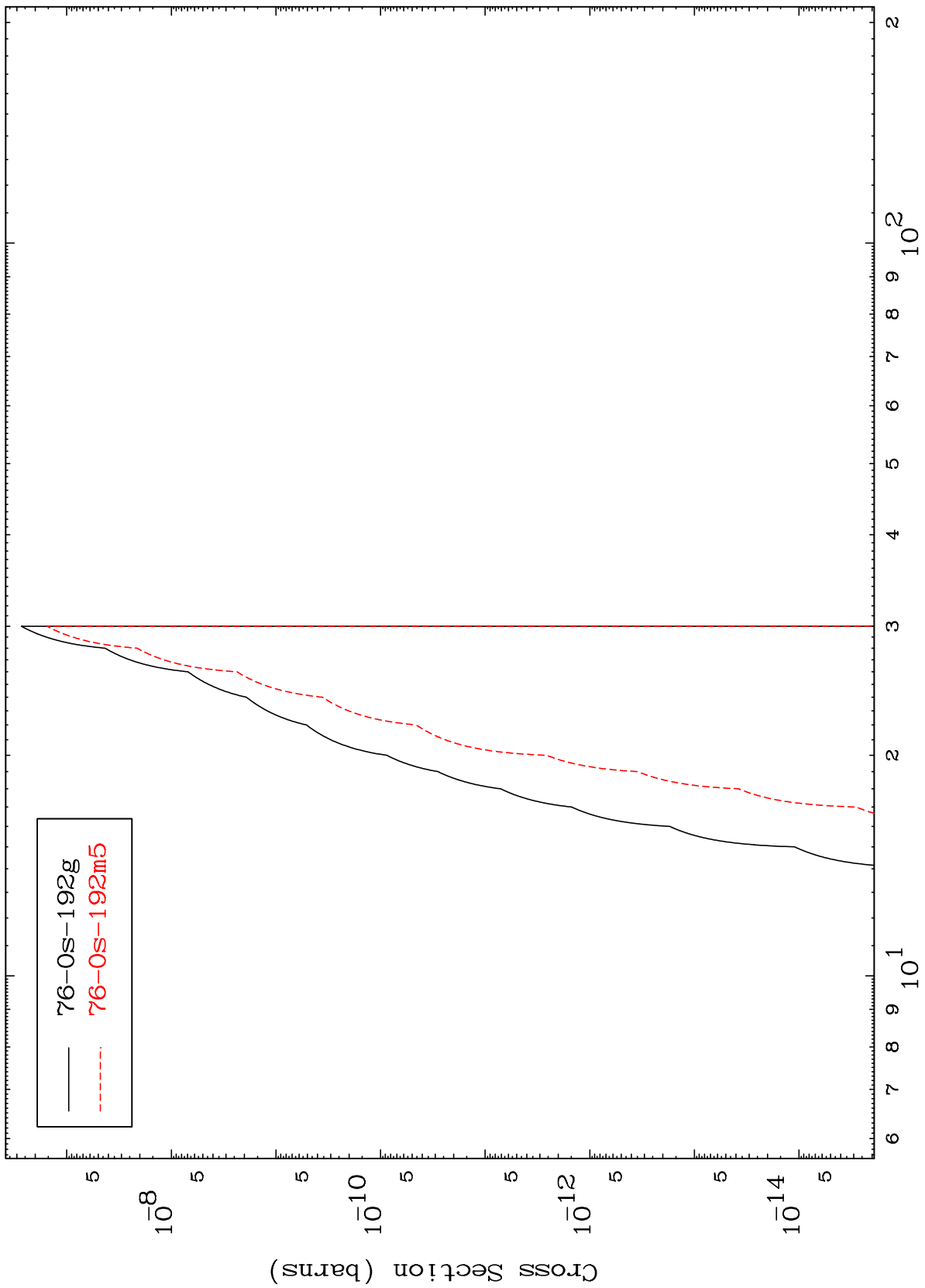
75-Re-190g  
75-Re-190m3

30

Incident Energy (MeV)

77-Ir-193

Radionuclide Production Cross Section



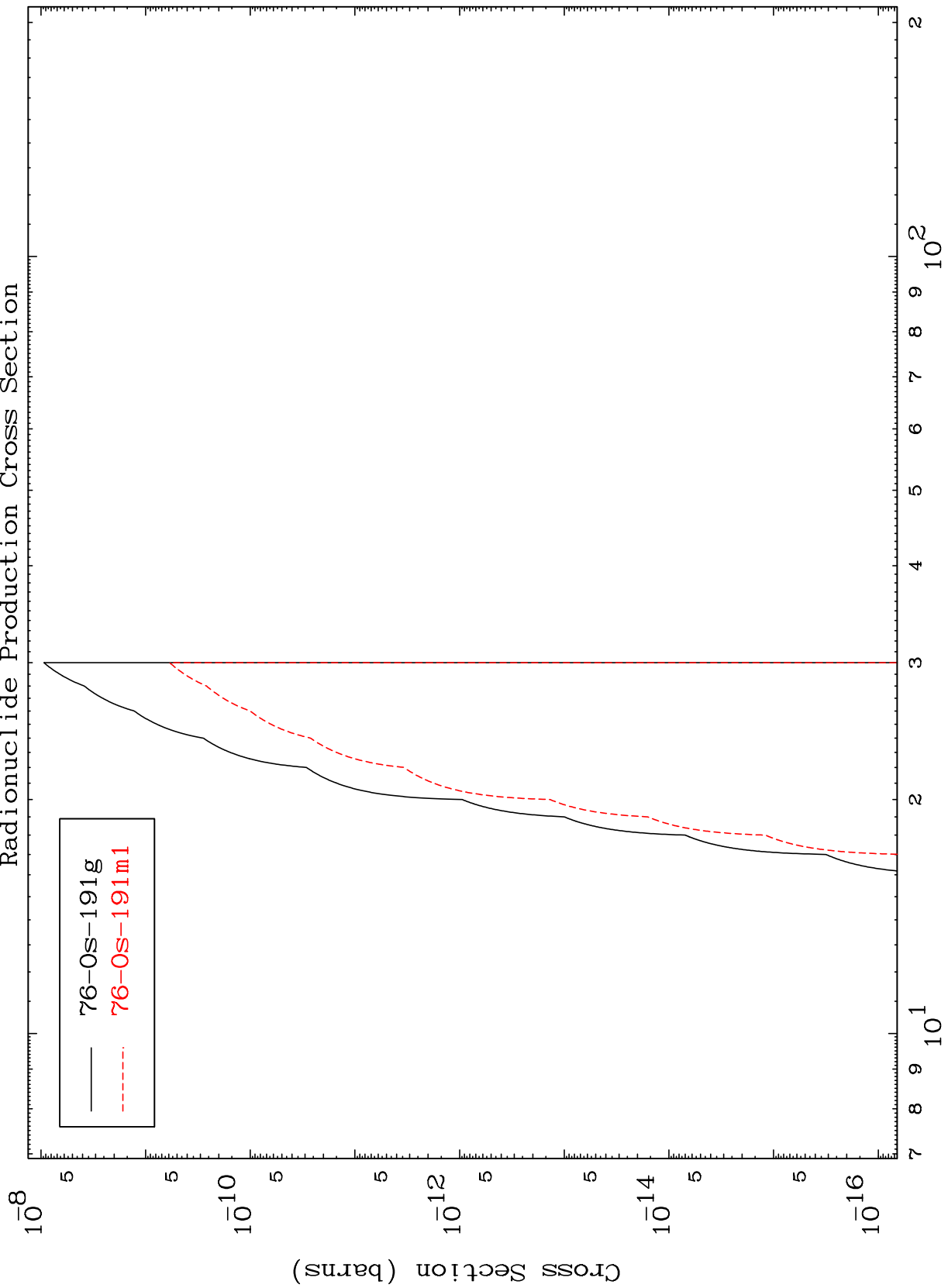


MAT 7732

(d,p) t

<sup>77</sup>Ir-193

Radionuclide Production Cross Section



32

Incident Energy (MeV)

<sup>77</sup>Ir-193