

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](mailto:redcullen1@comcast.net)

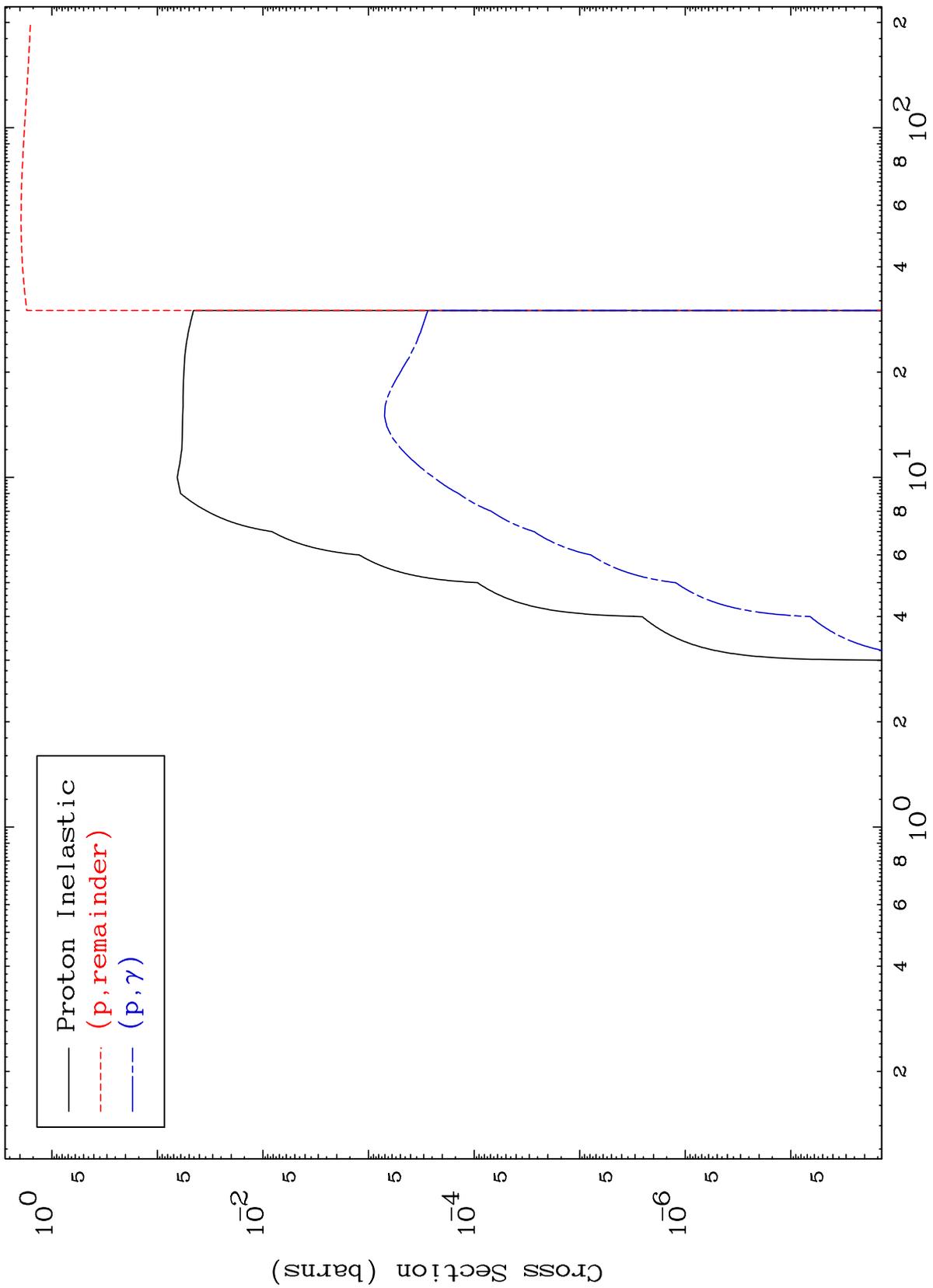
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

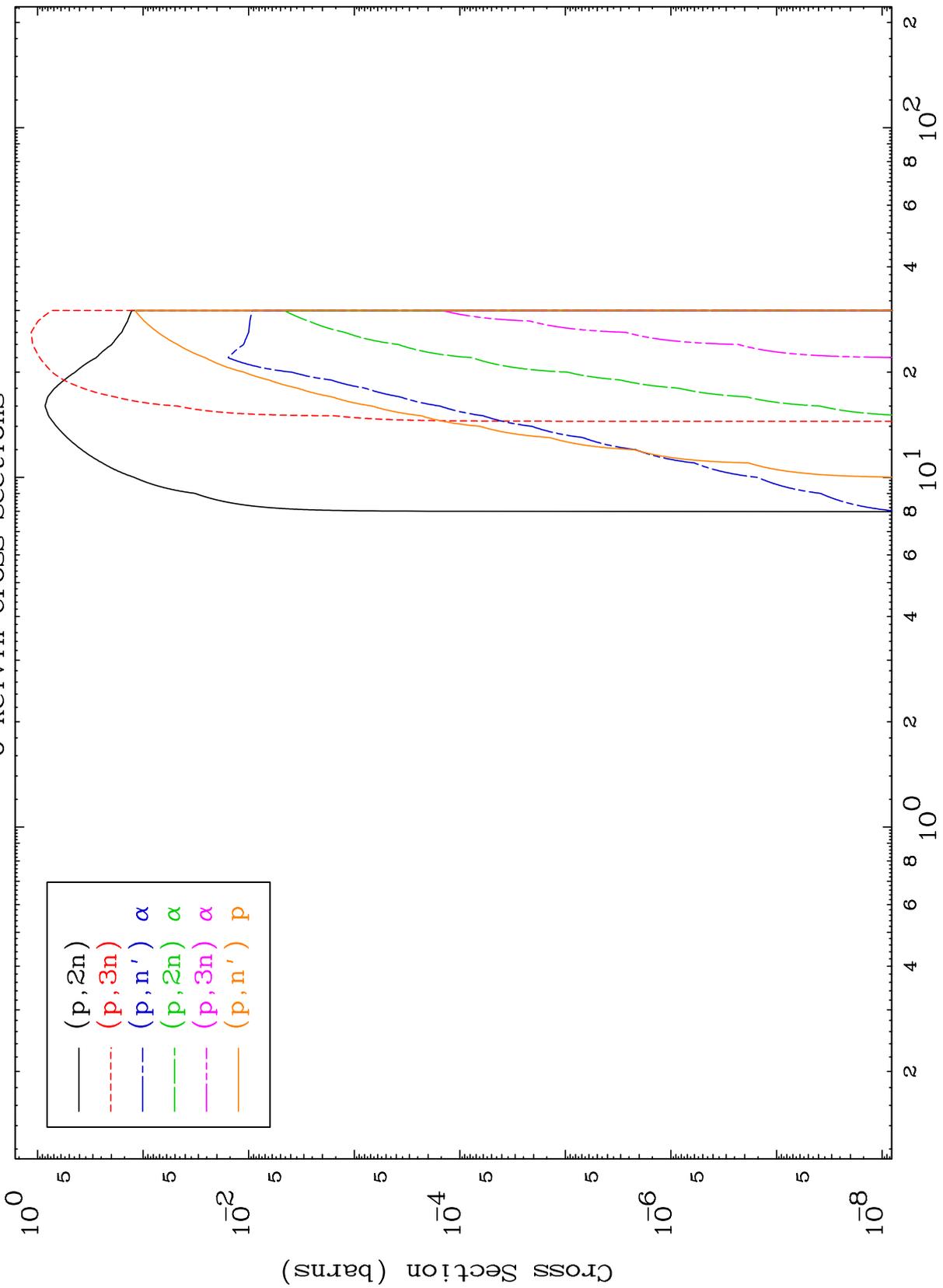
Press Mouse Button to Start

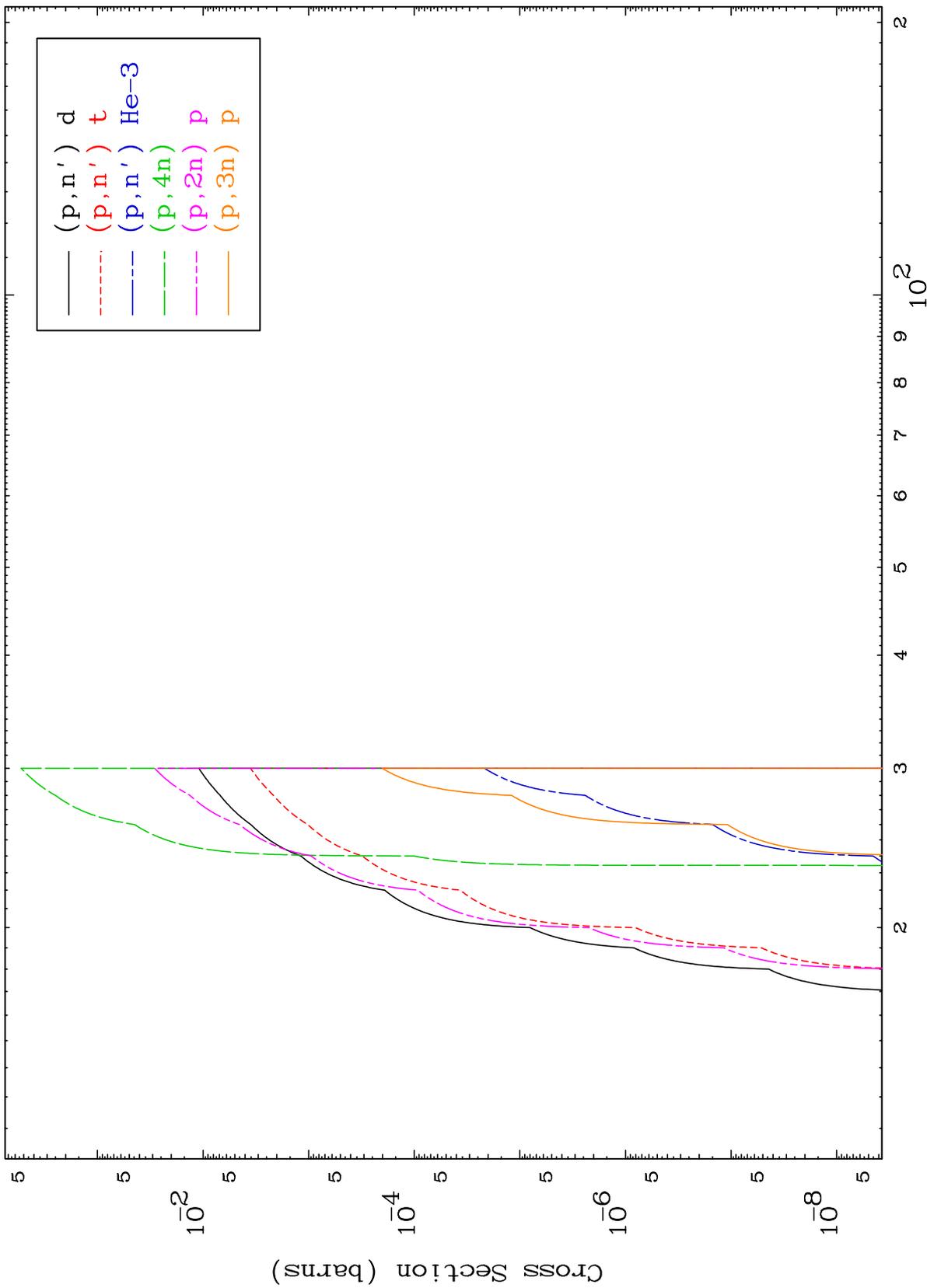
MAT 7729

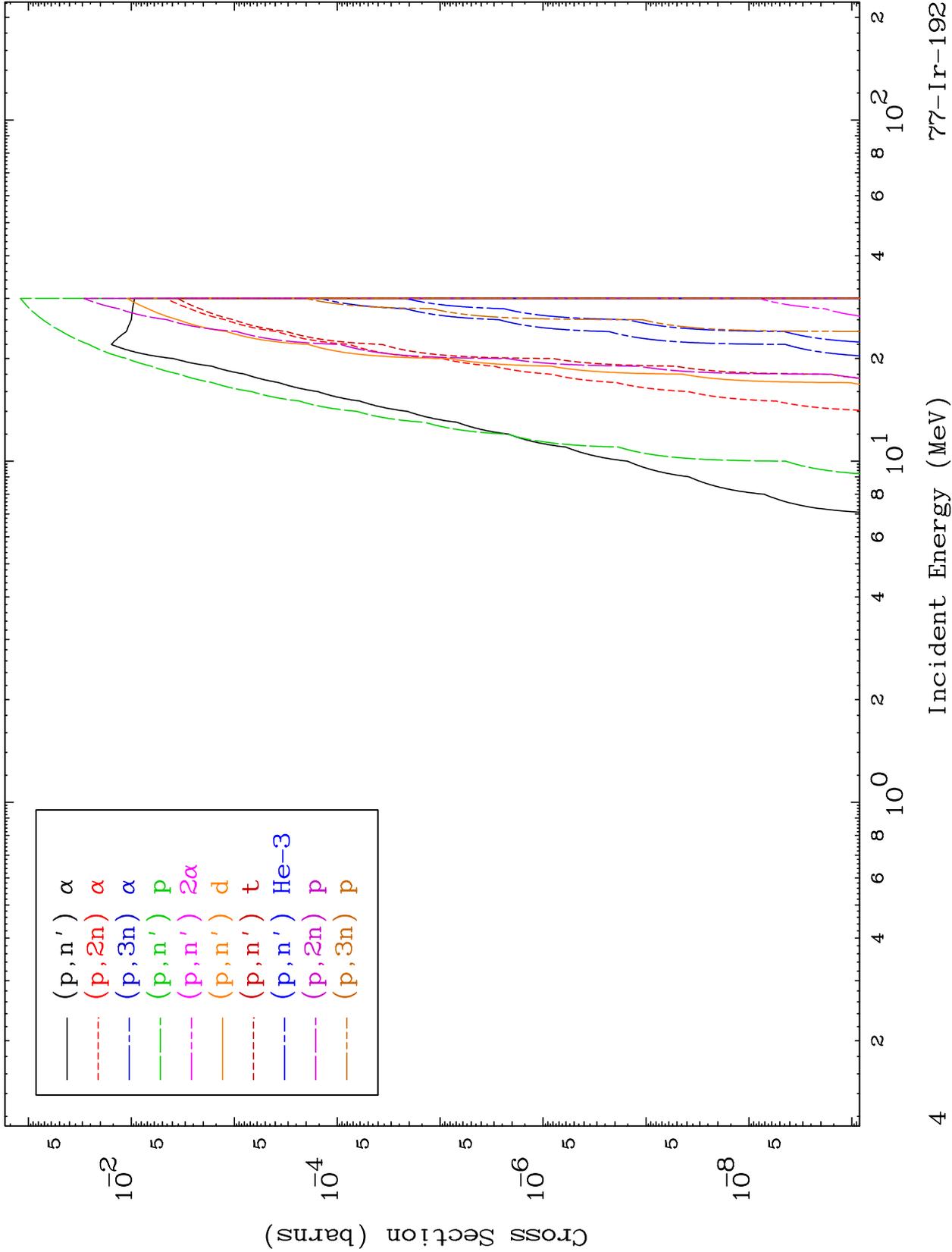
Proton Major  
0 Kelvin Cross Sections

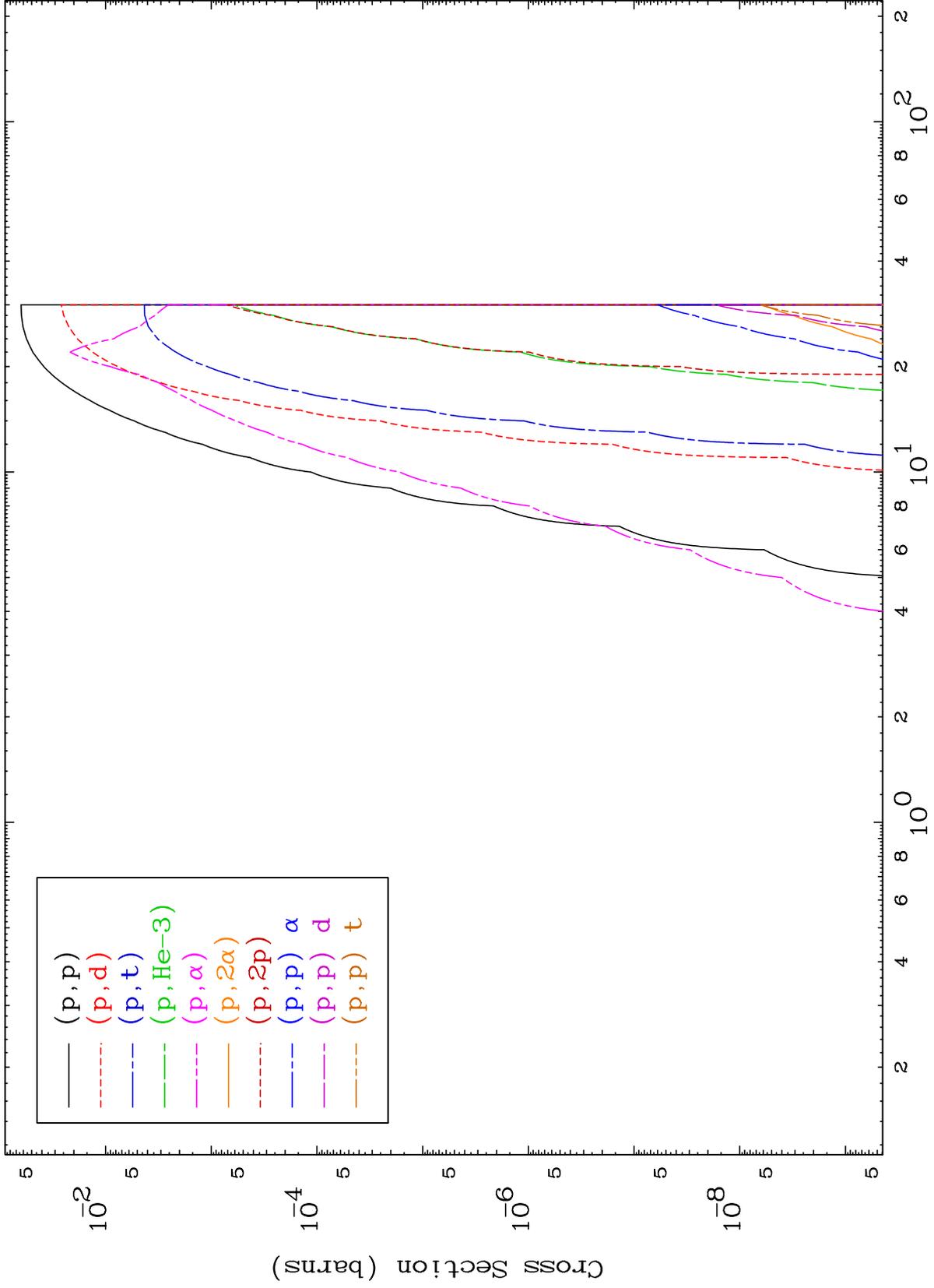
77-Ir-192









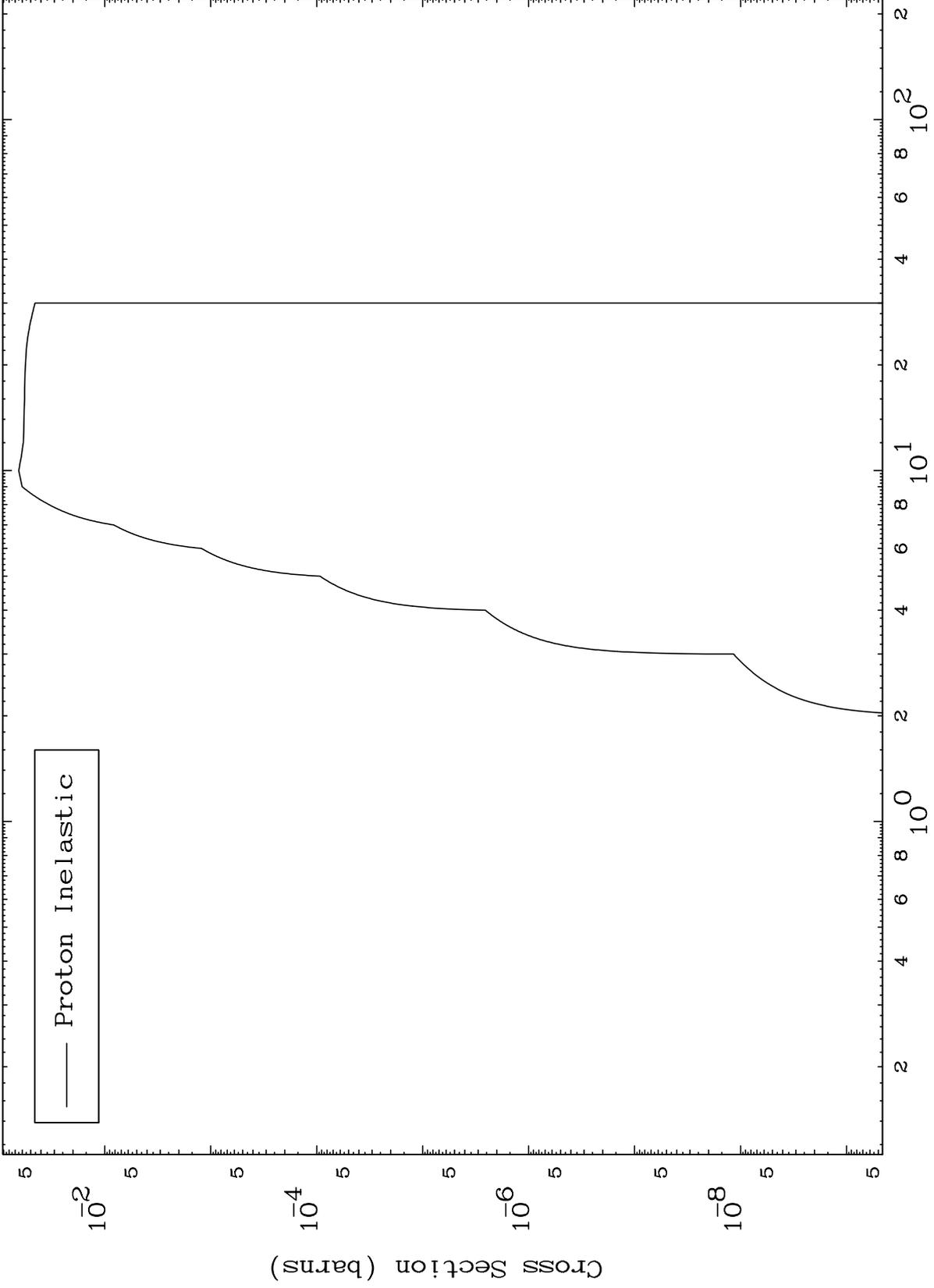


MAT 7729

(p,n') Level

77-Ir-192

0 Kelvin Cross Sections



6

Incident Energy (MeV)

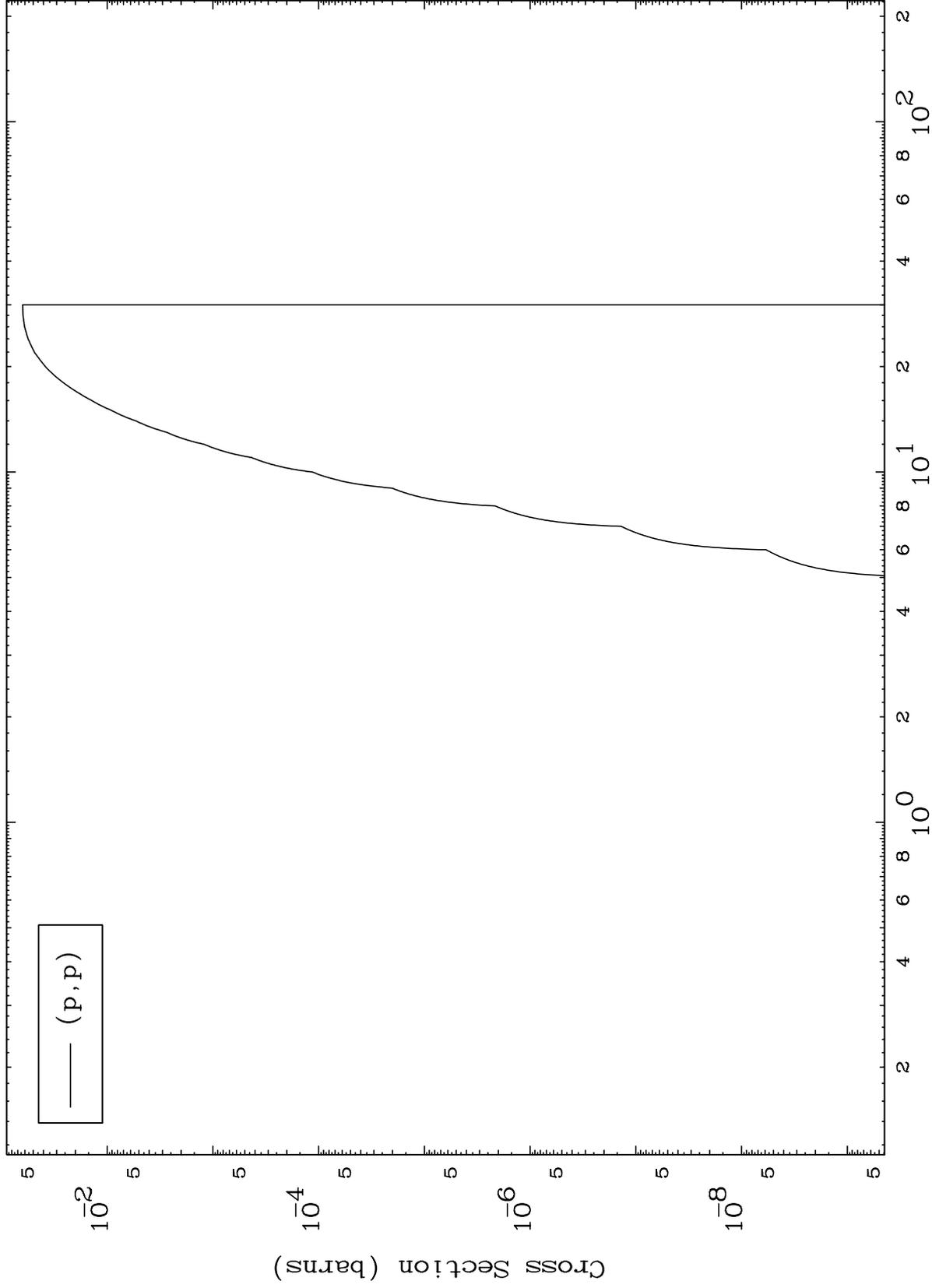
77-Ir-192

MAT 7729

(p,p) Levels

77-Ir-192

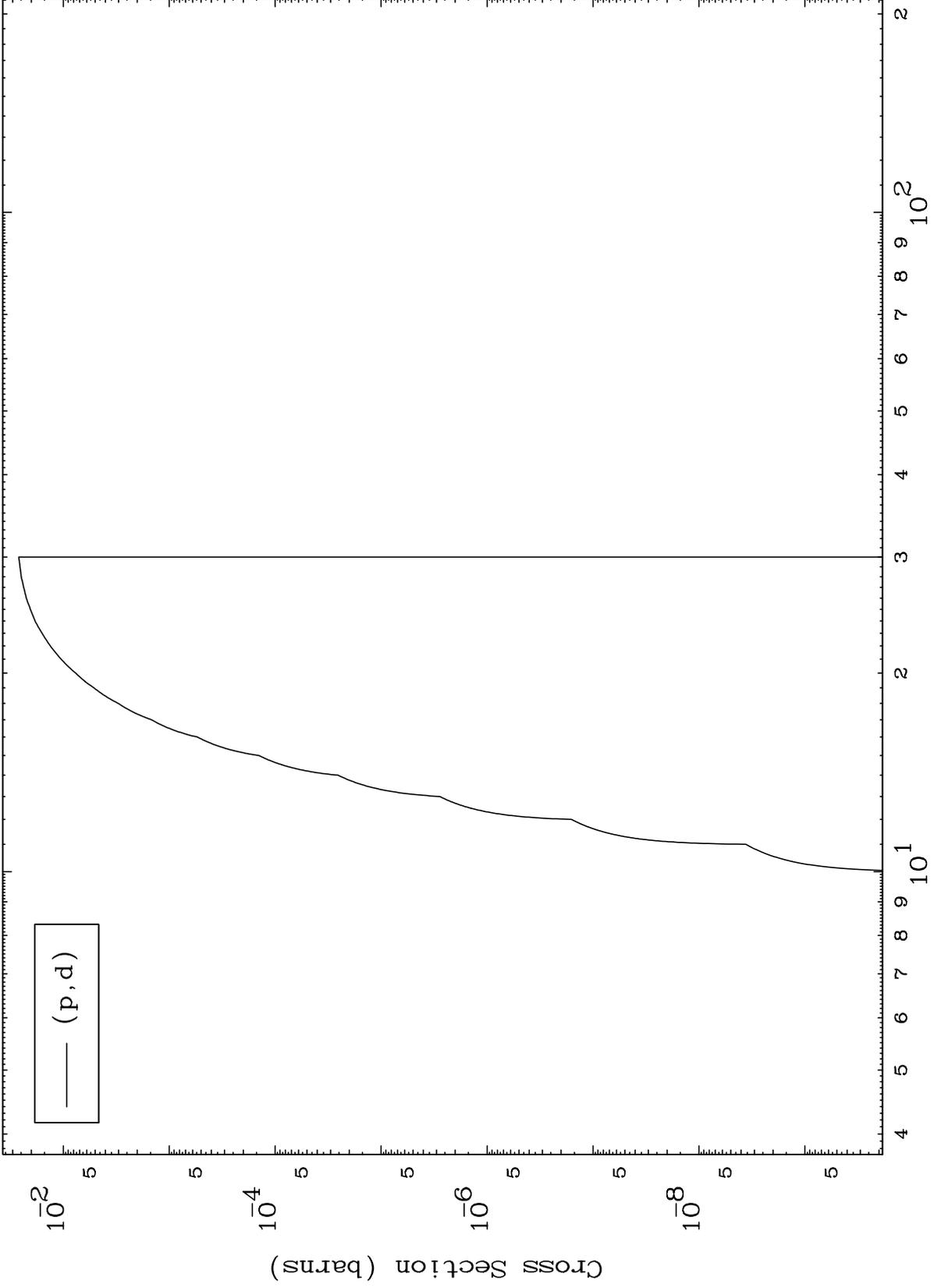
0 Kelvin Cross Sections



MAT 7729

(p,d) Levels  
0 Kelvin Cross Sections

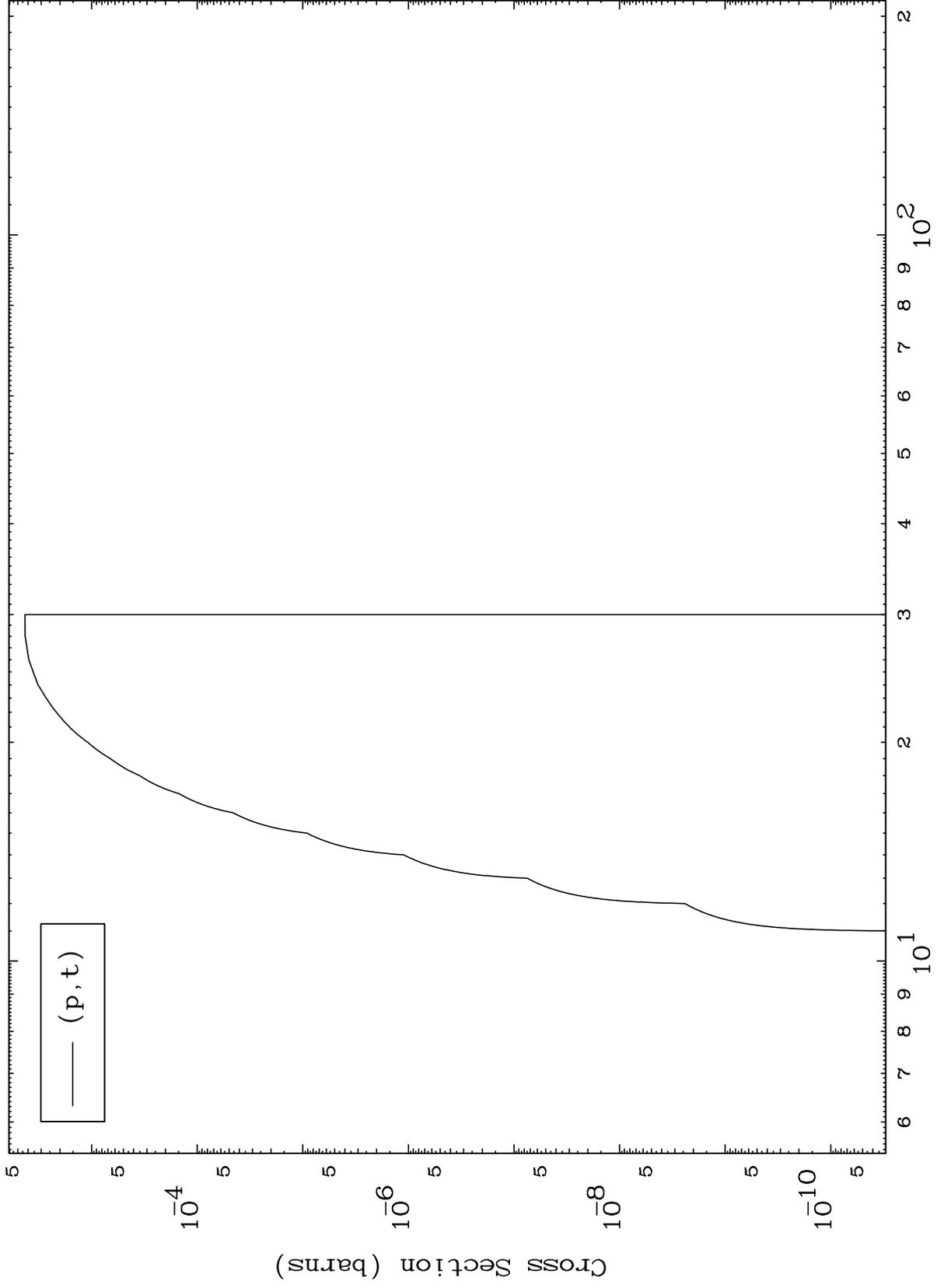
77-Ir-192



8

Incident Energy (MeV)

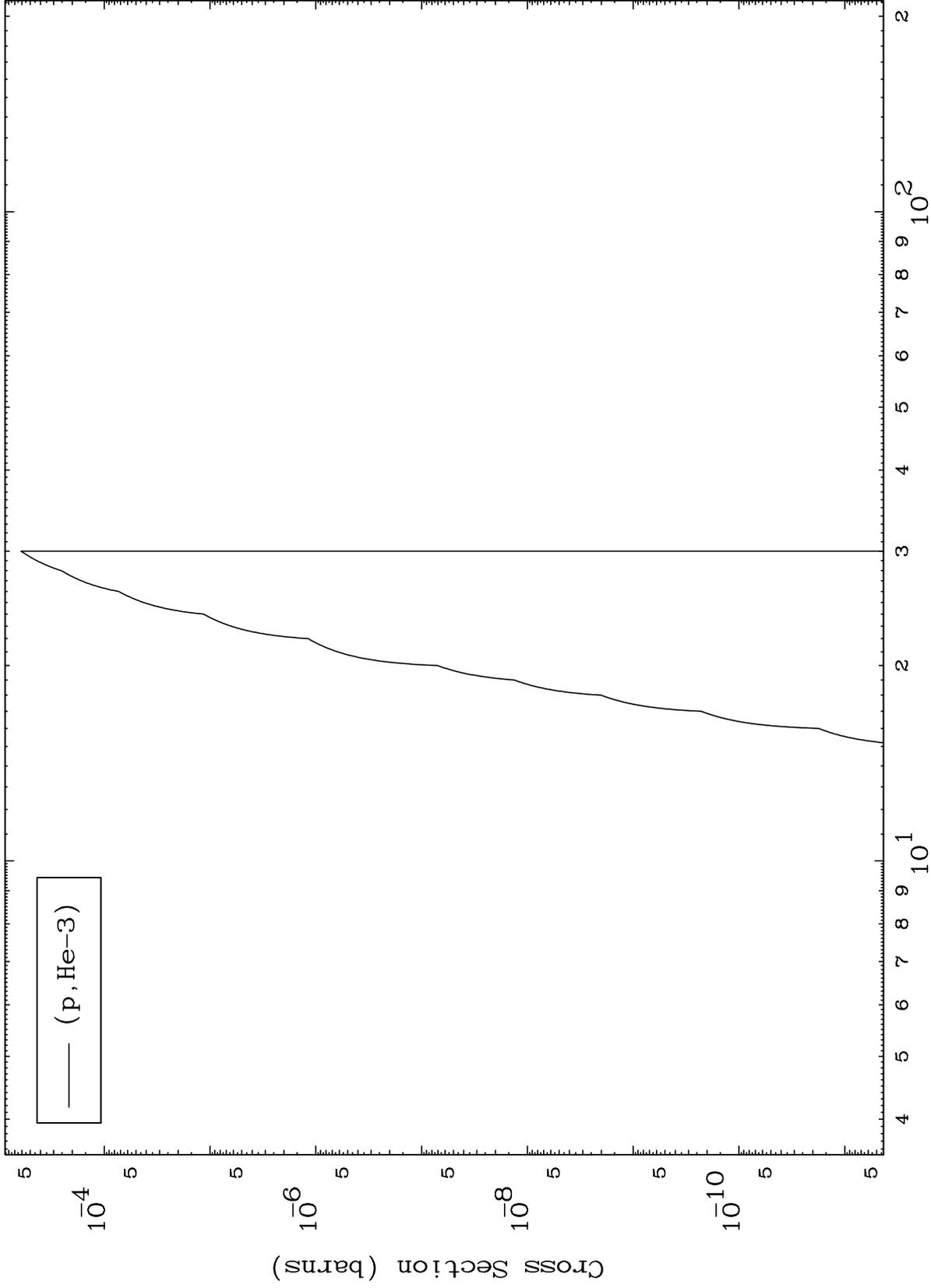
77-Ir-192



MAT 7729

(p,He3) Levels  
0 Kelvin Cross Sections

77-Ir-192



10

Incident Energy (MeV)

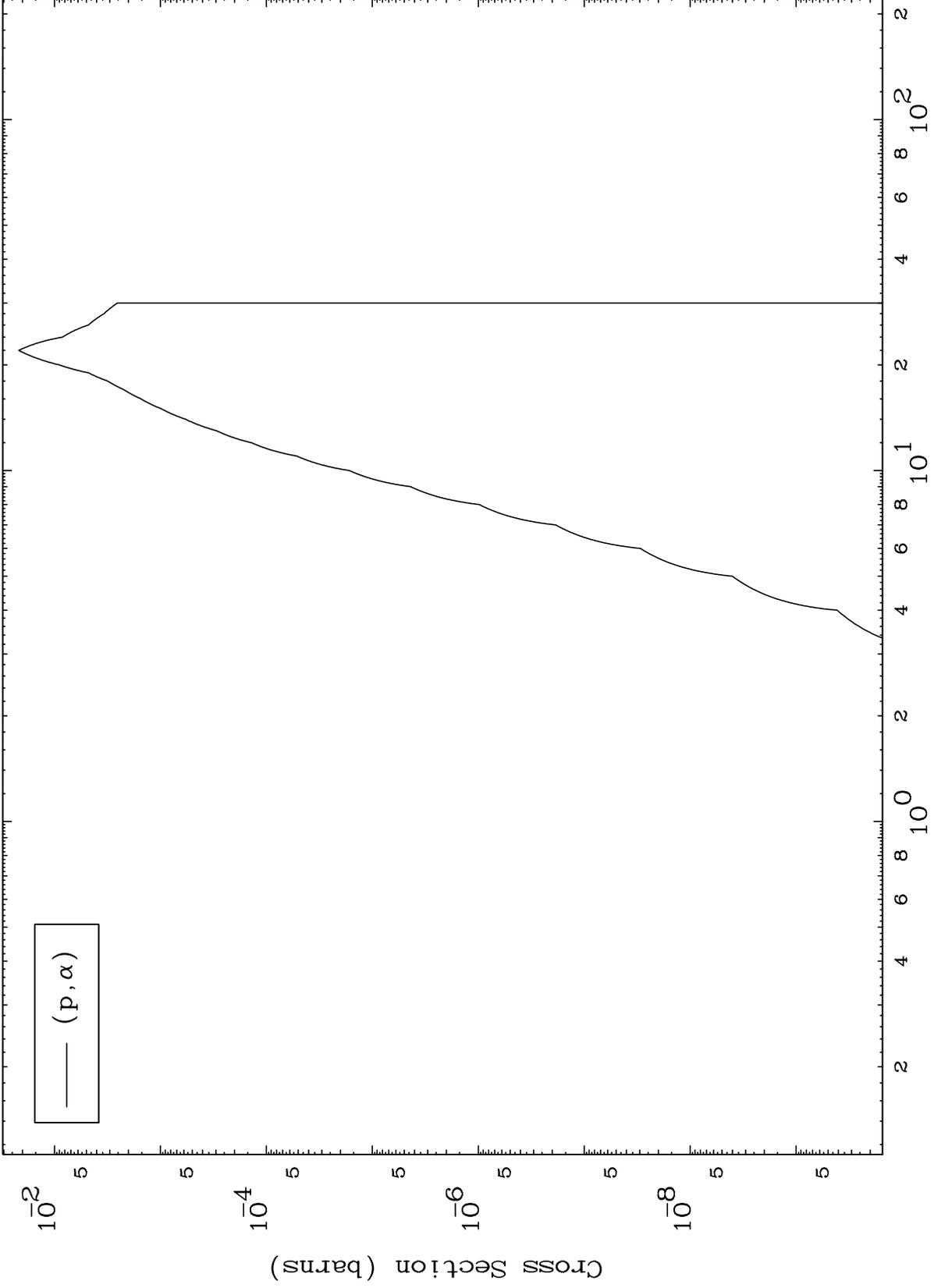
77-Ir-192

MAT 7729

(p,  $\alpha$ ) Levels

77-Ir-192

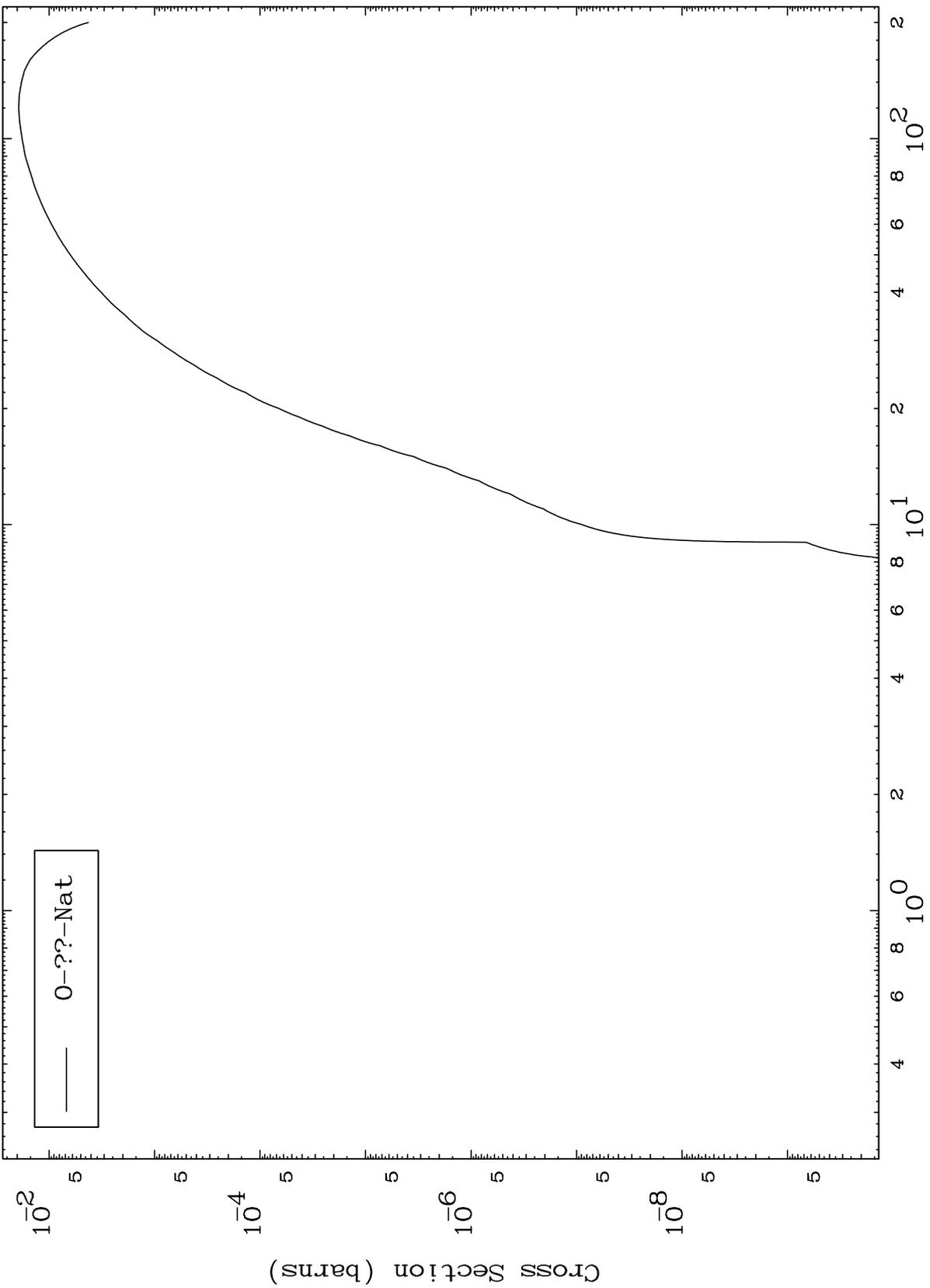
0 Kelvin Cross Sections



MAT 7729

77-Ir-192

Proton Fission  
Radionuclide Production Cross Section



77-Ir-192

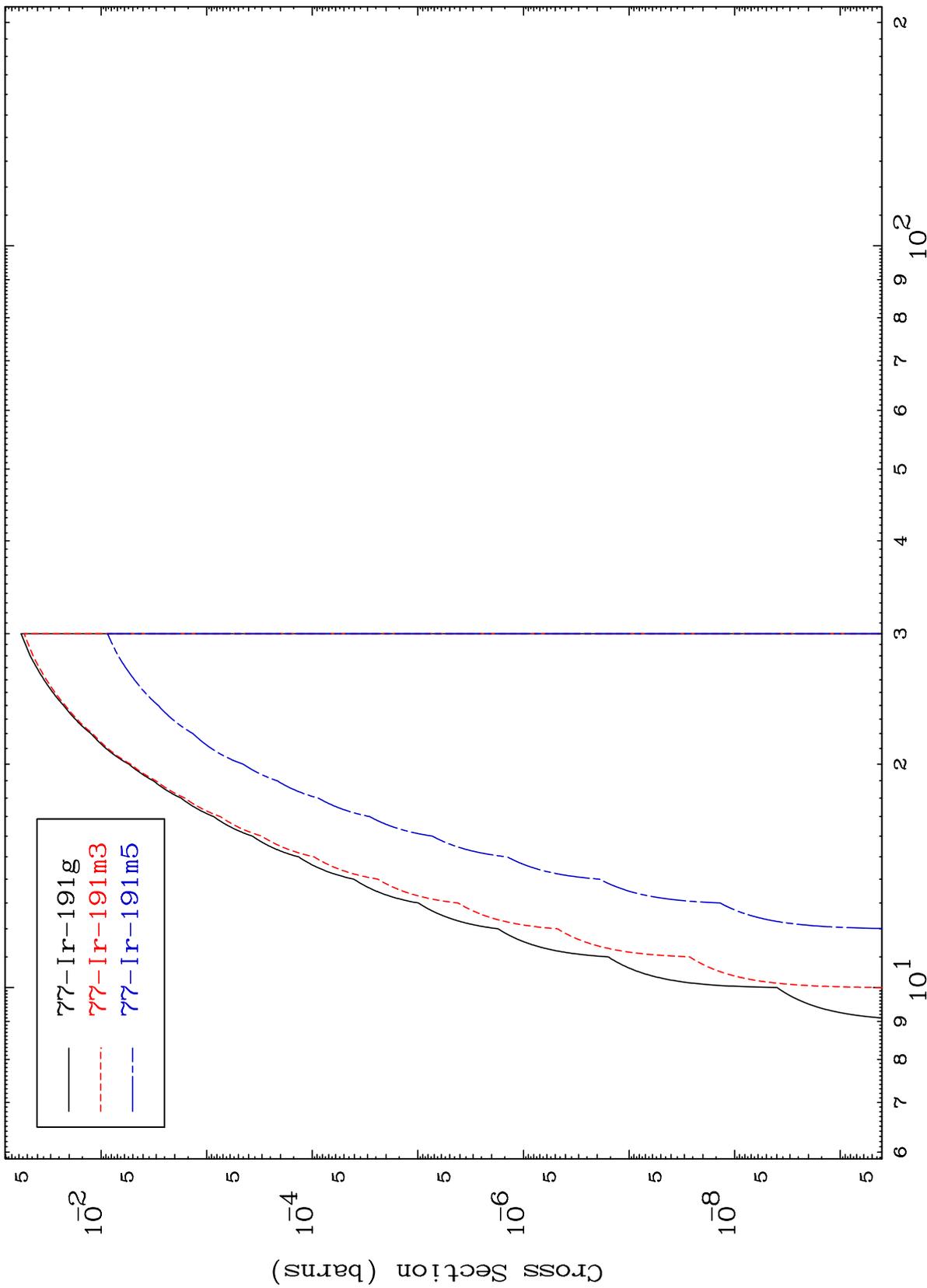
Incident Energy (MeV)

12

MAT 7729

77-Ir-192

(p,n') p  
Radionuclide Production Cross Section

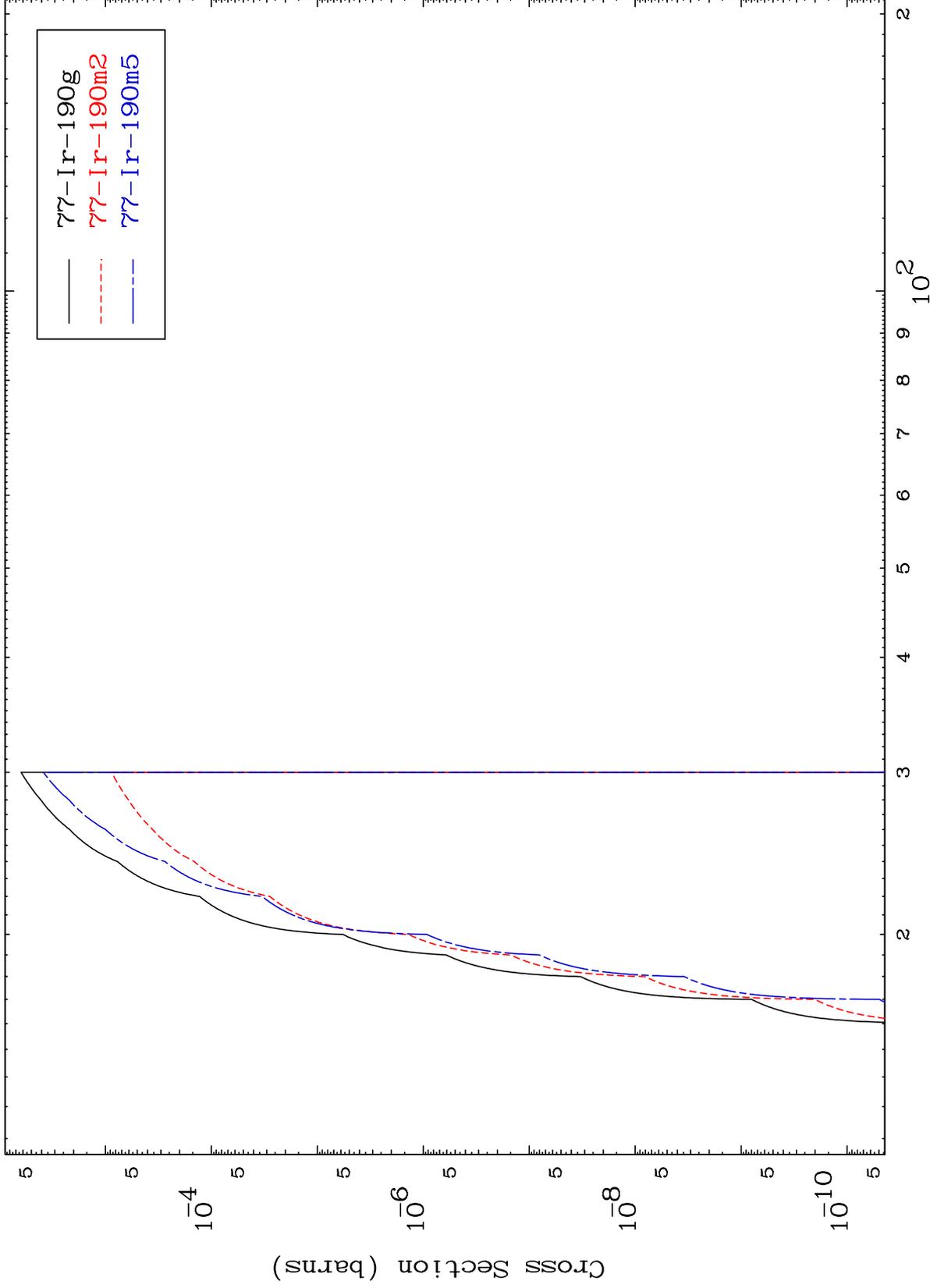


77-Ir-192

Incident Energy (MeV)

13

Radionuclide Production Cross Section

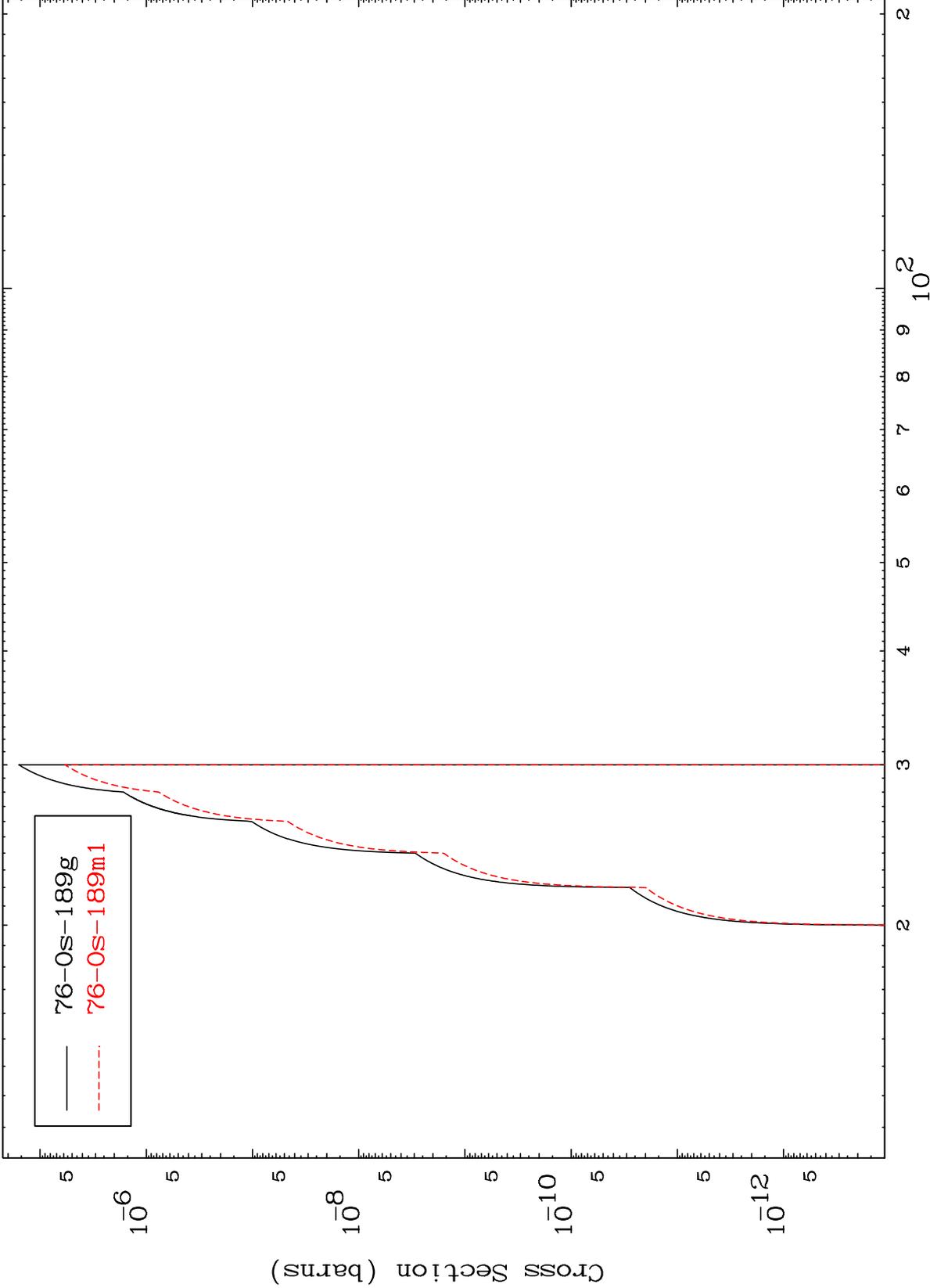


MAT 7729

(p,n') He-3

77-Ir-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

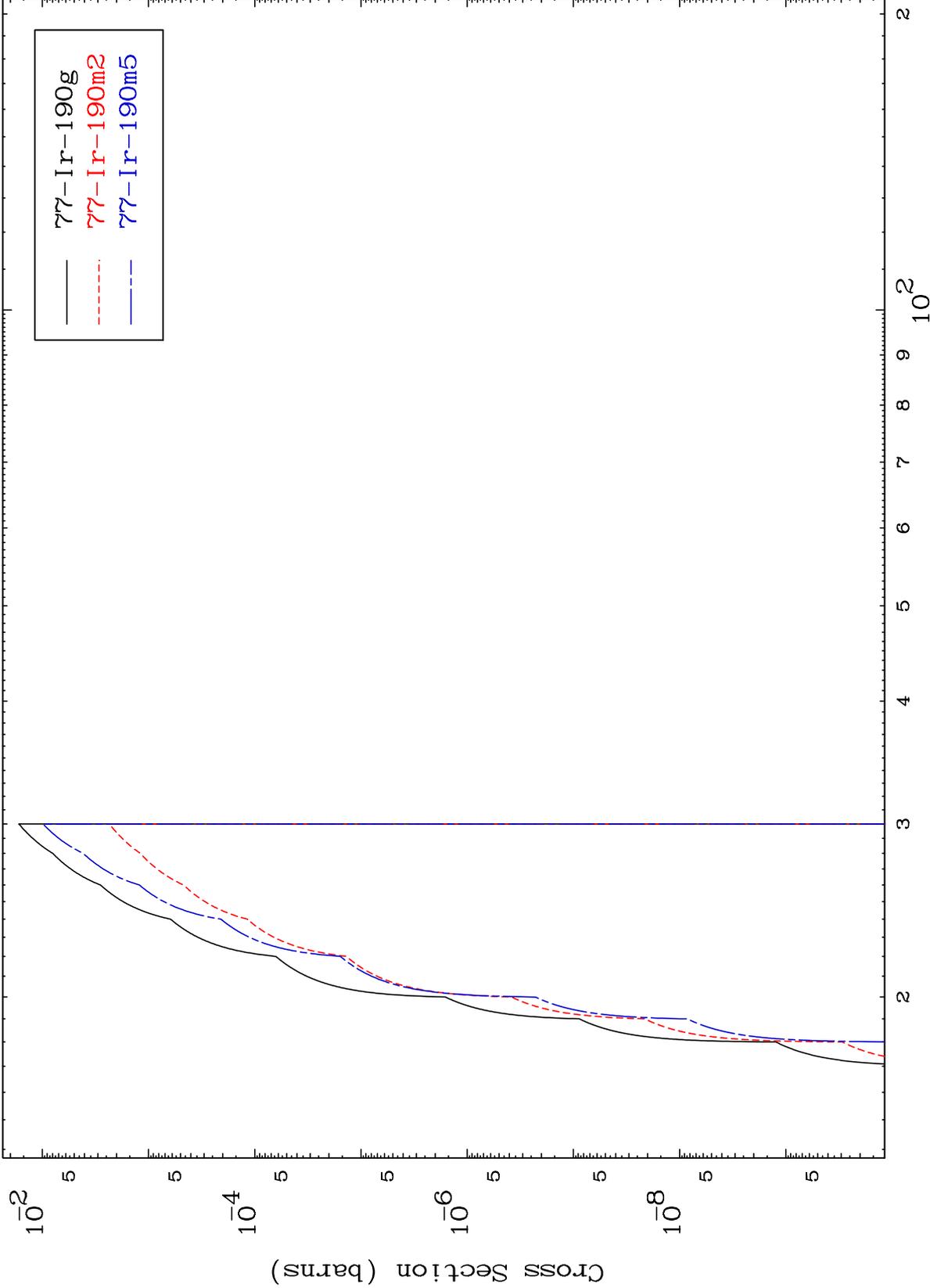
77-Ir-192

MAT 7729

(p,2n) p

<sup>77</sup>Ir-192

Radionuclide Production Cross Section



16

Incident Energy (MeV)

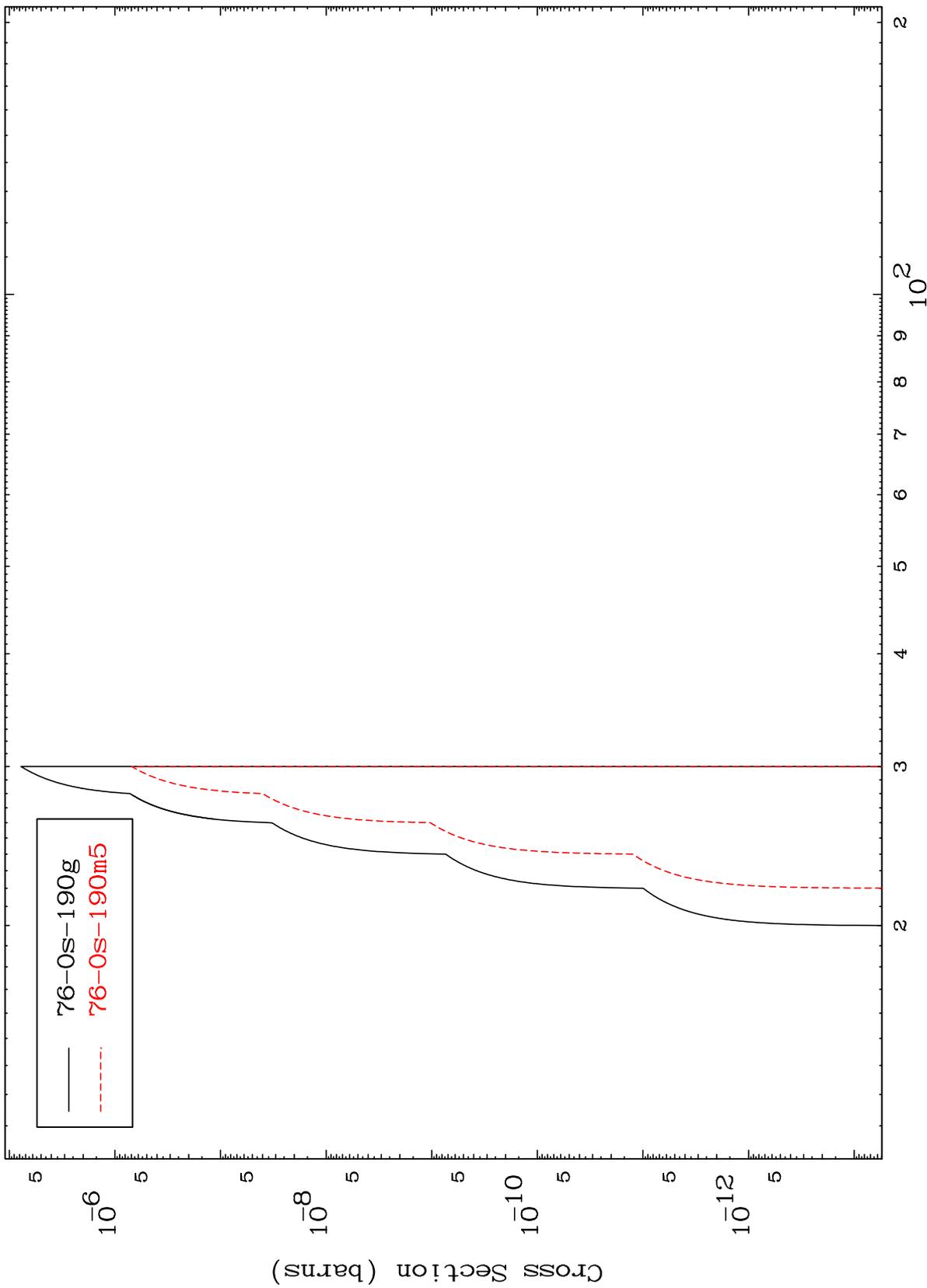
<sup>77</sup>Ir-192

MAT 7729

(p,2n) p

77-Ir-192

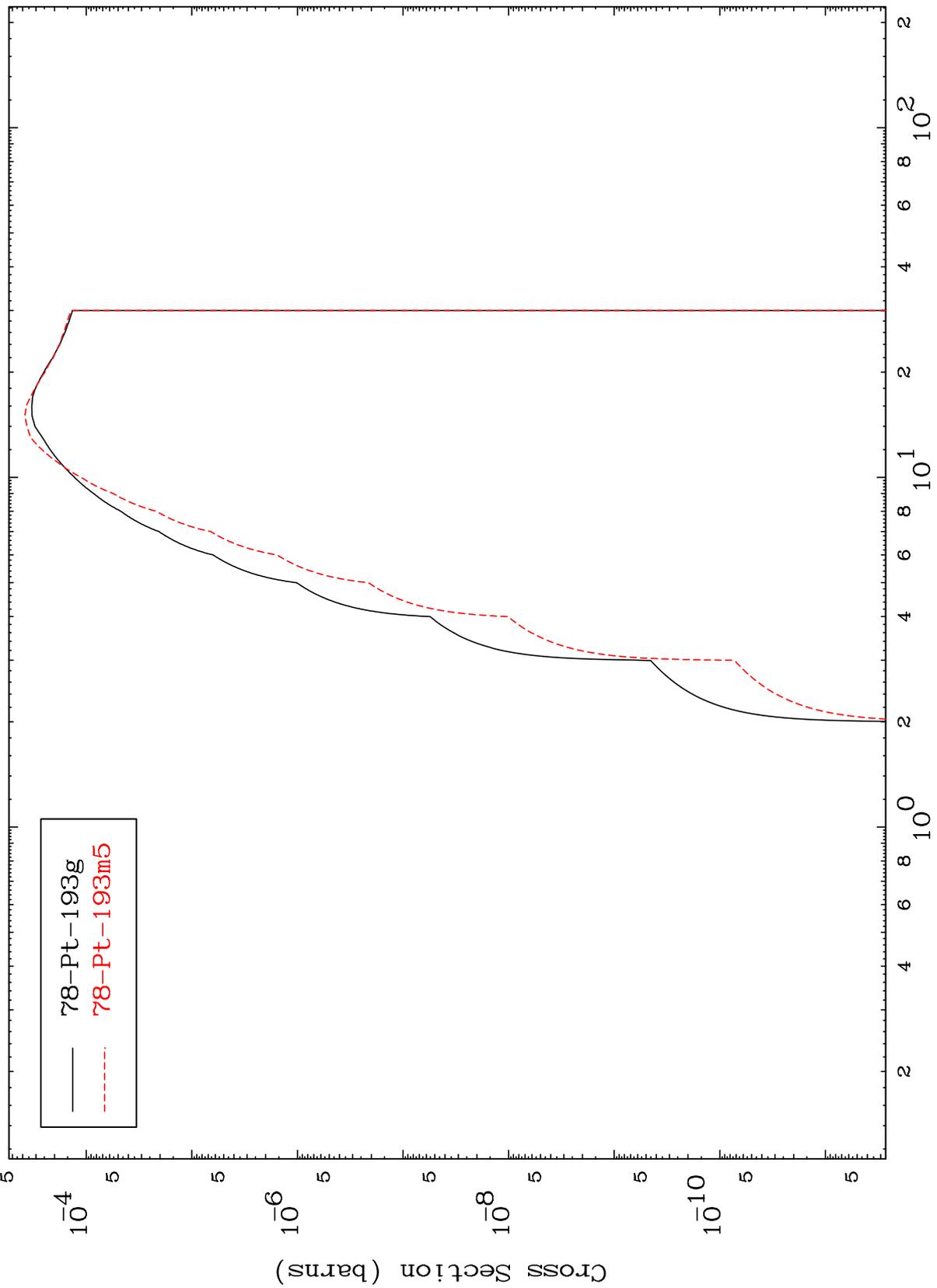
Radionuclide Production Cross Section



MAT 7729

77-Ir-192

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



77-Ir-192

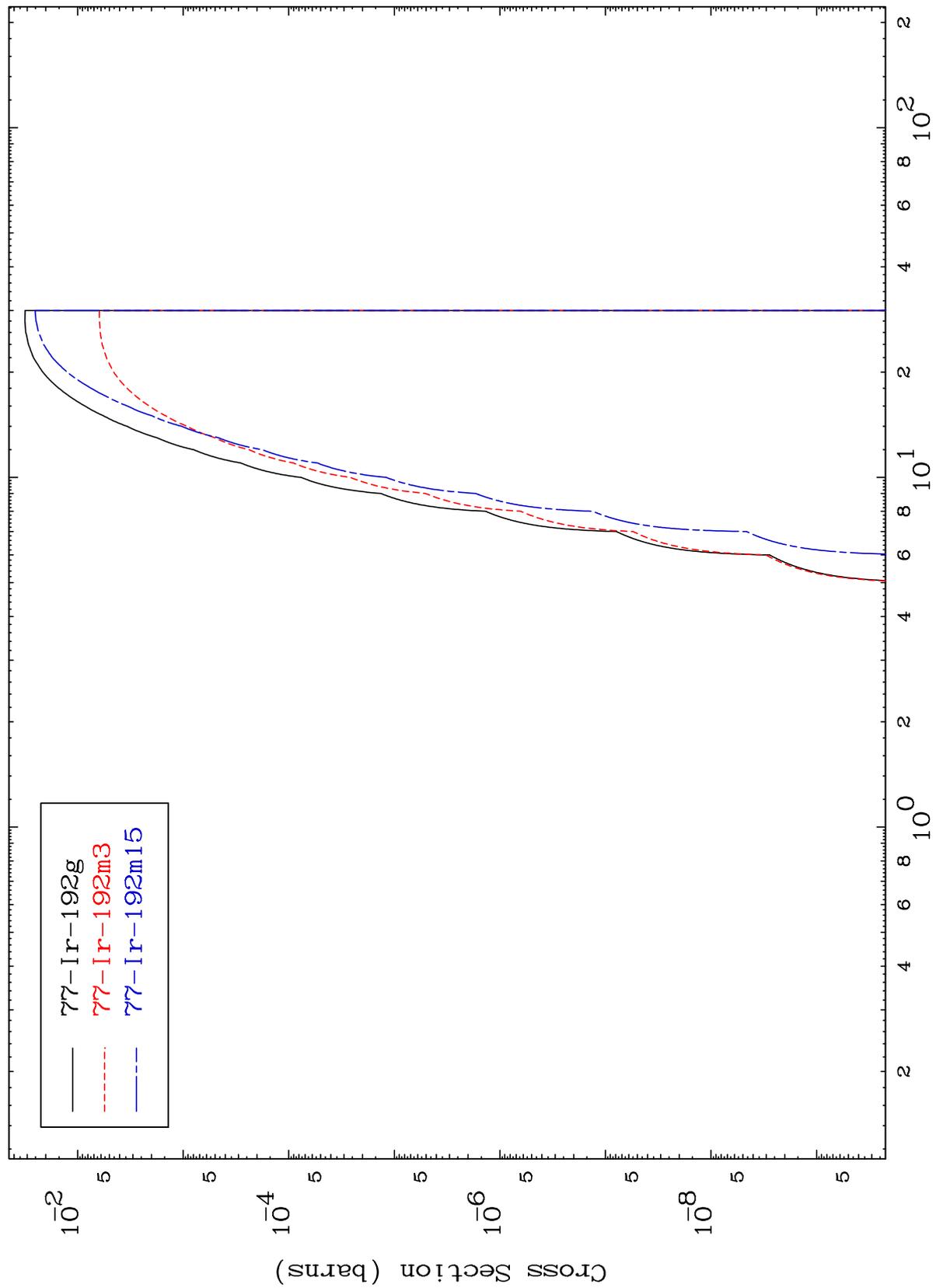
Incident Energy (MeV)

18

MAT 7729

77-Ir-192

Radionuclide Production Cross Section (p,p)



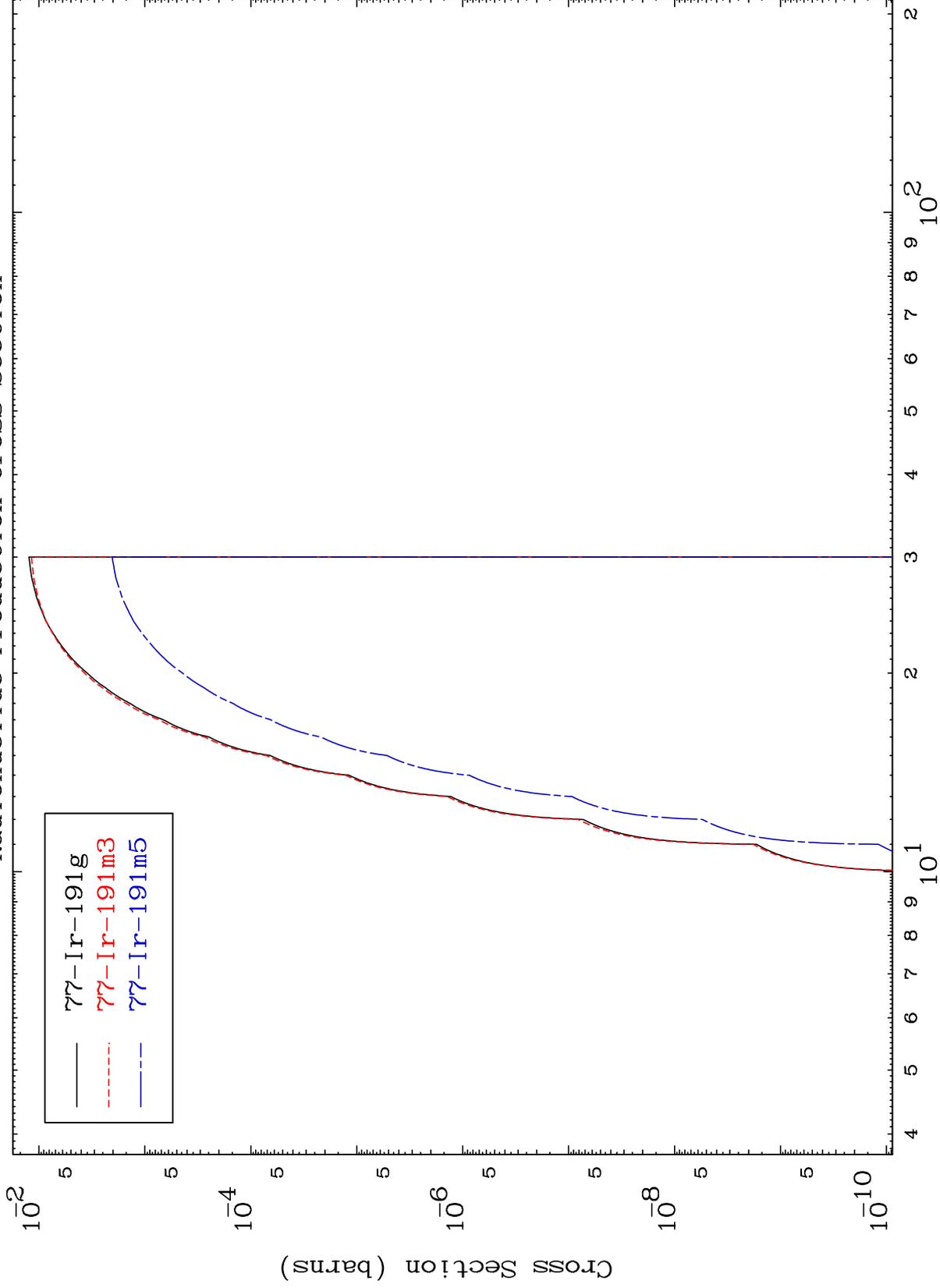
77-Ir-192g  
77-Ir-192m3  
77-Ir-192m15

MAT 7729

(p,d)

<sup>77</sup>Ir-192

Radionuclide Production Cross Section



Incident Energy (MeV)

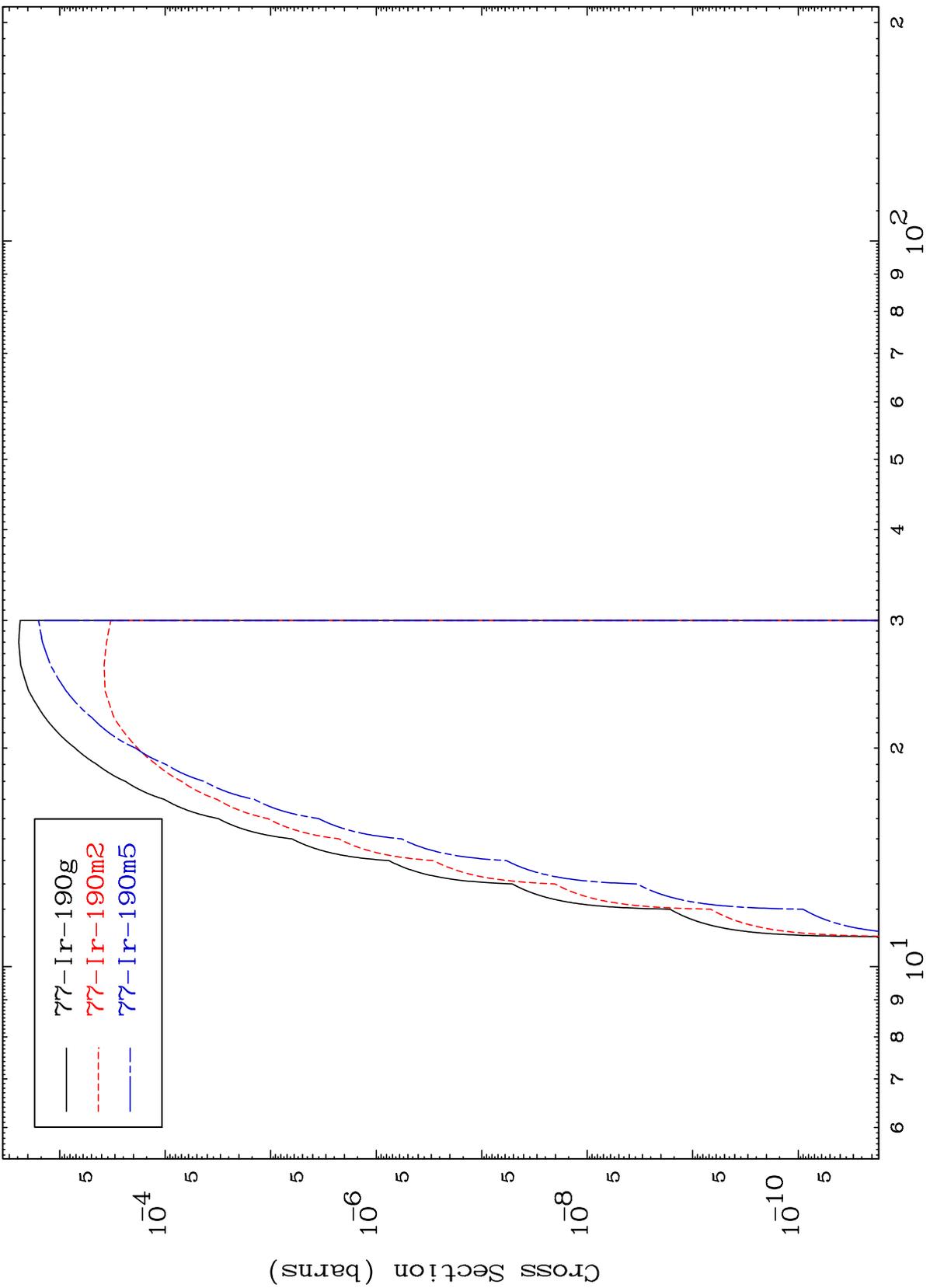
<sup>77</sup>Ir-192

20

MAT 7729

77-Ir-192

Radionuclide Production Cross Section (p,t)

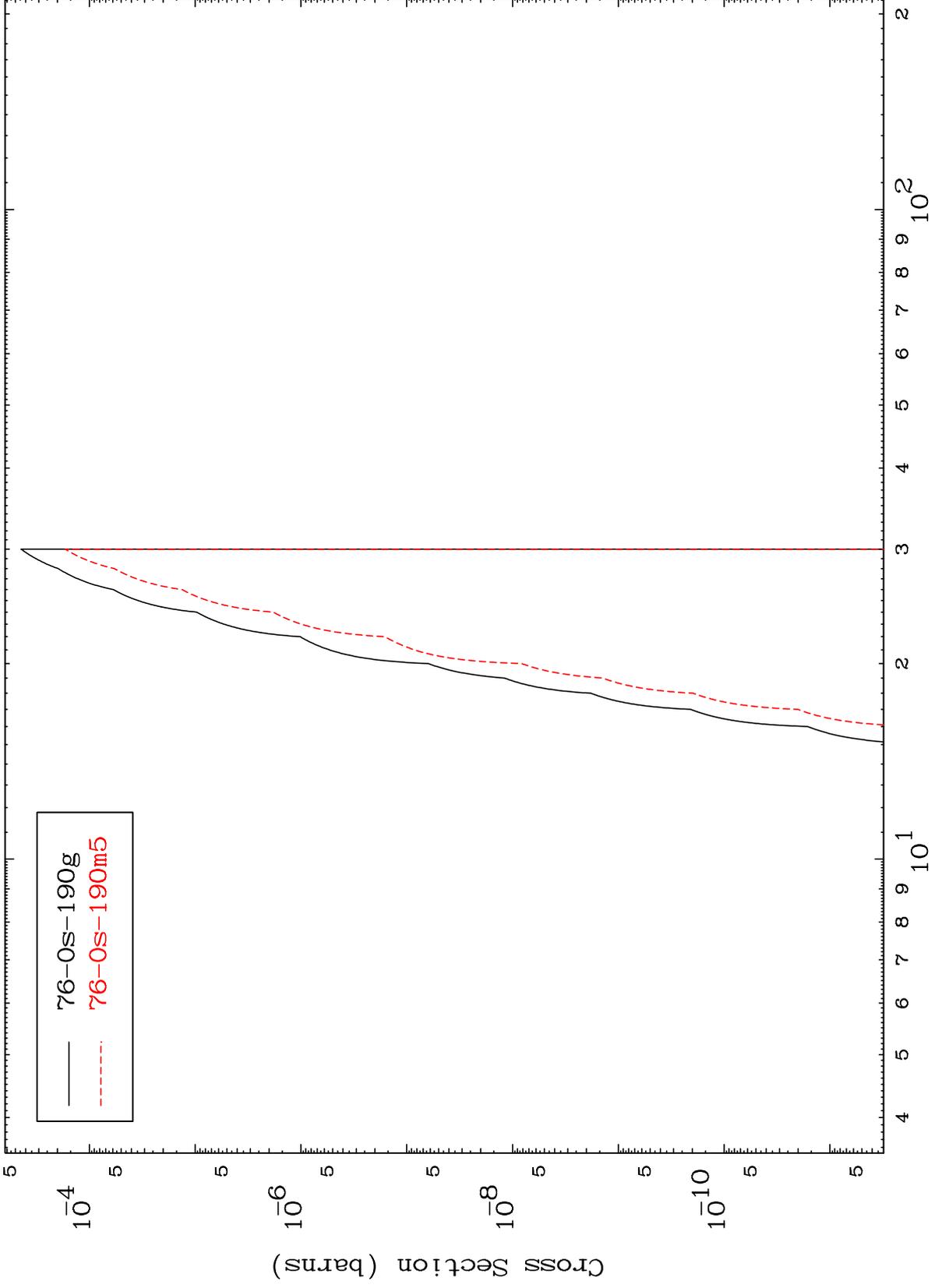


MAT 7729

(p,He-3)

77-Ir-192

Radionuclide Production Cross Section



22

Incident Energy (MeV)

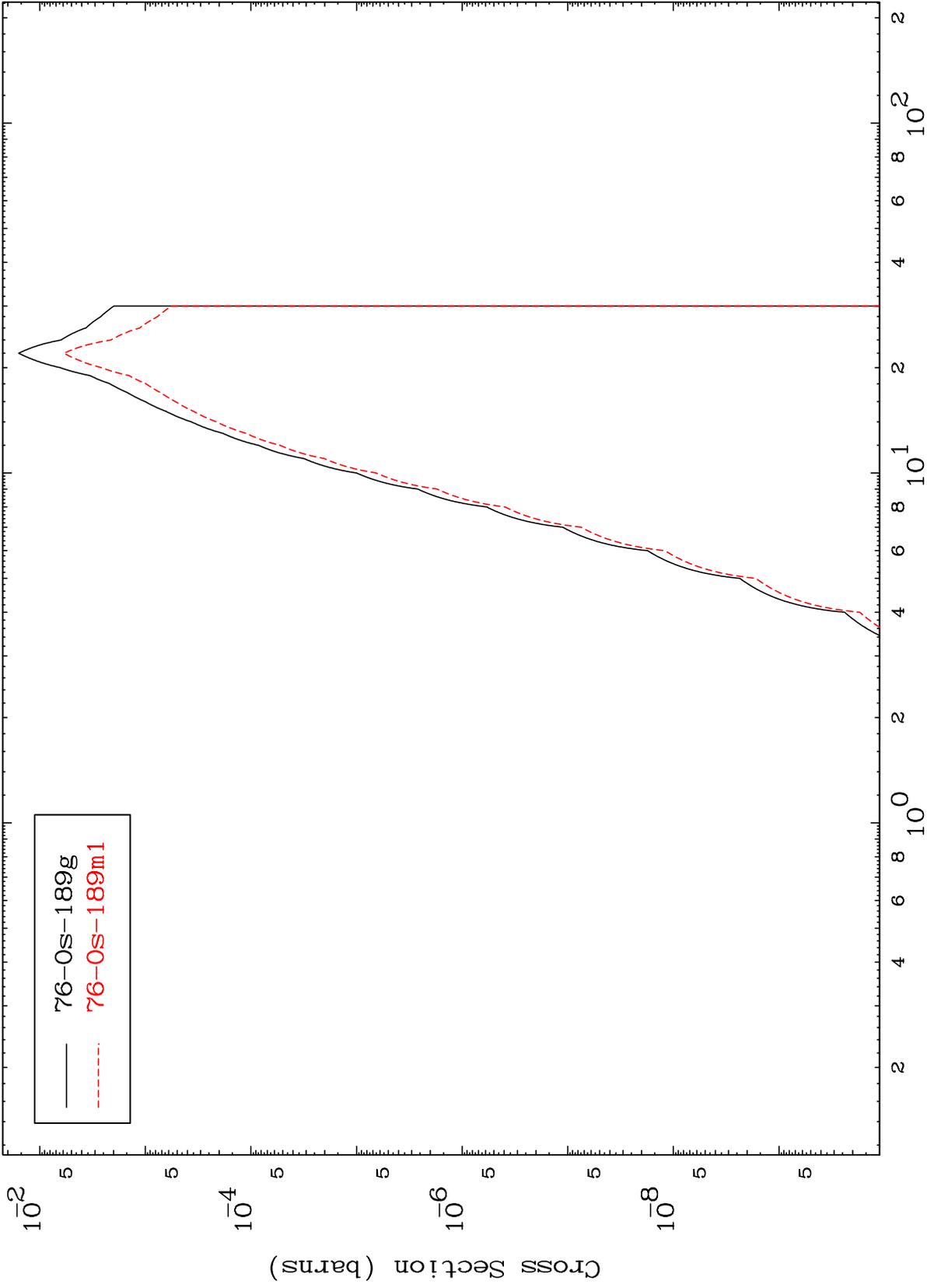
77-Ir-192

MAT 7729

(p,  $\alpha$ )

<sup>77</sup>Ir-192

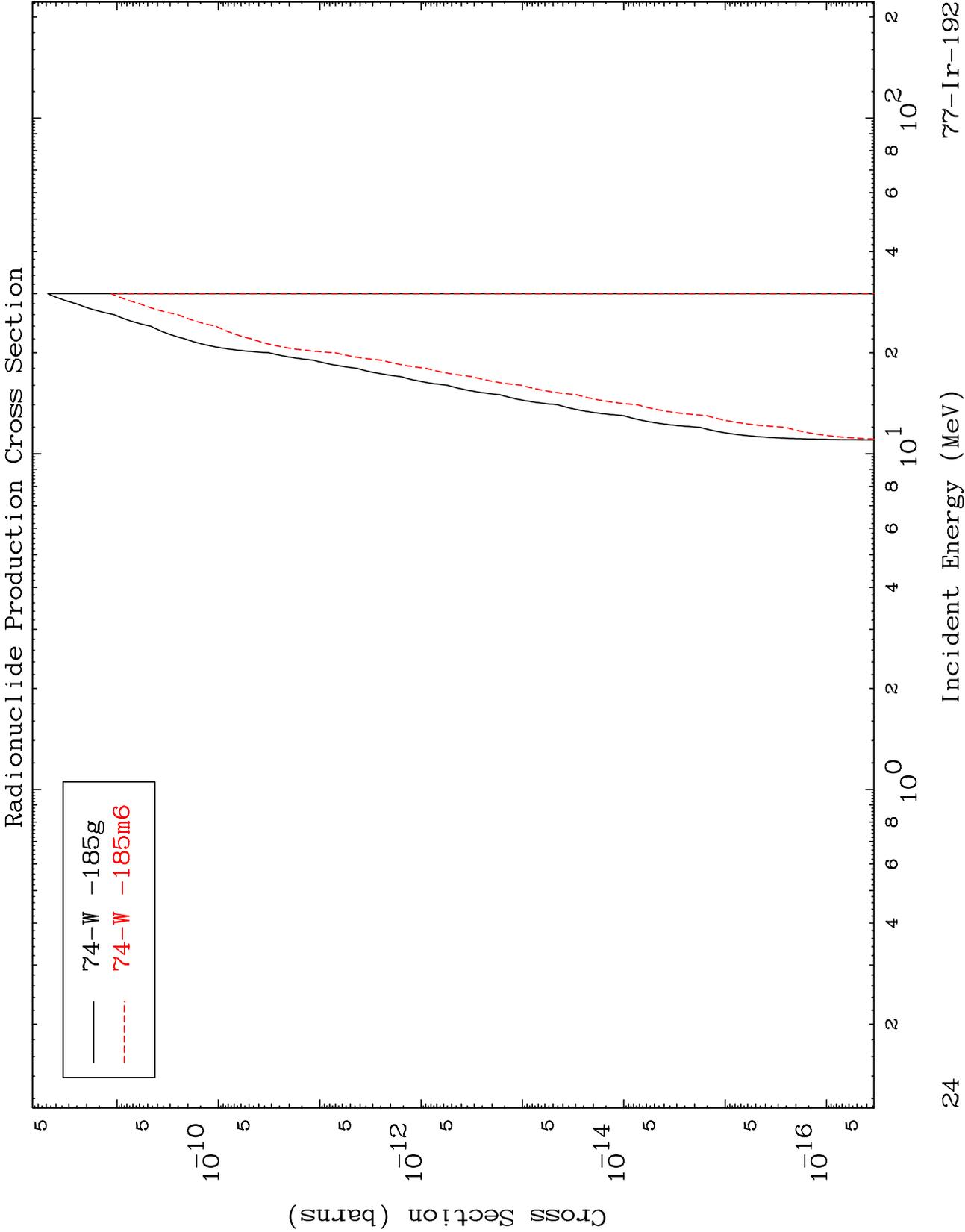
Radionuclide Production Cross Section



MAT 7729

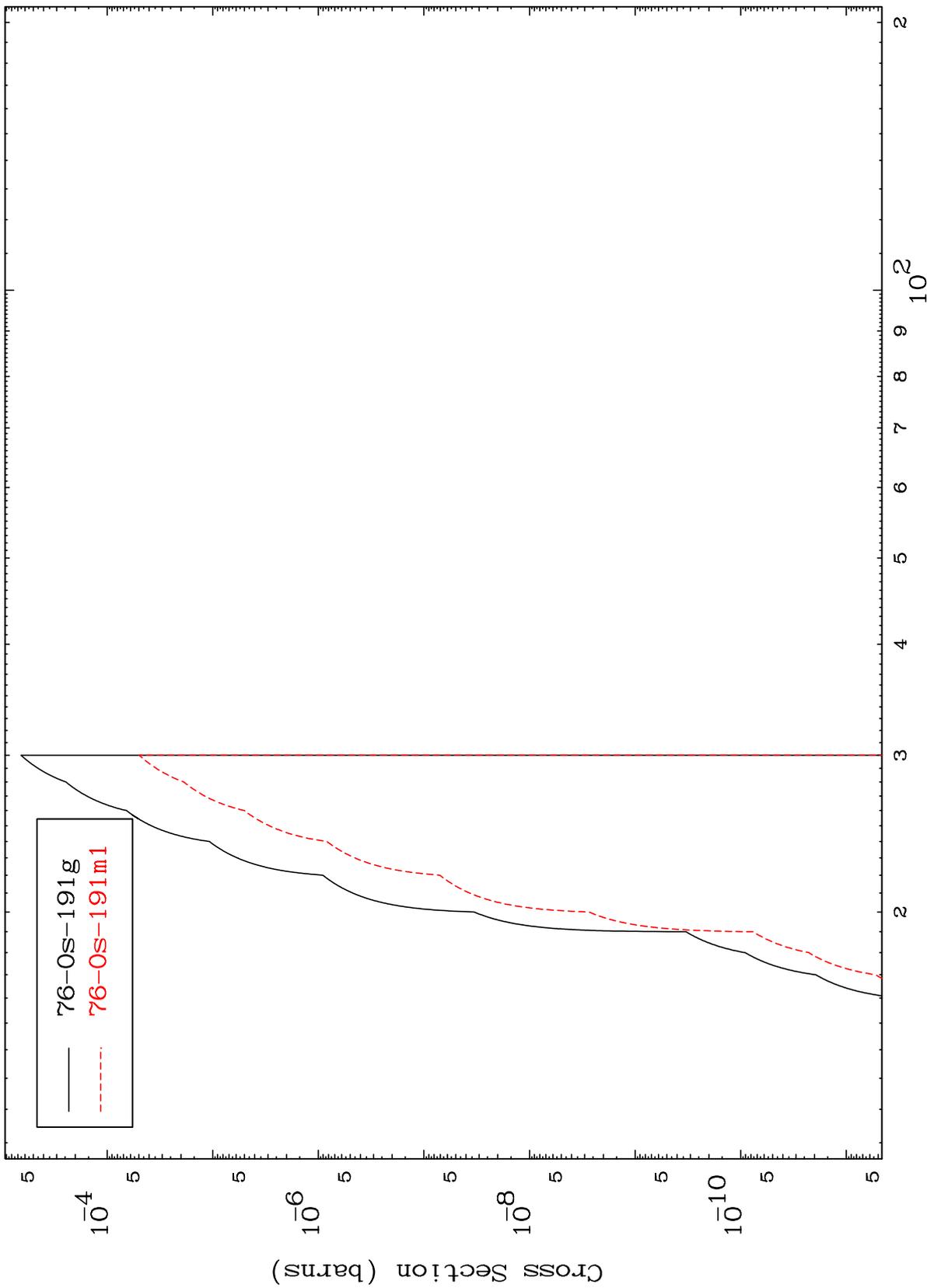
(p,2 $\alpha$ )

77-Ir-192



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

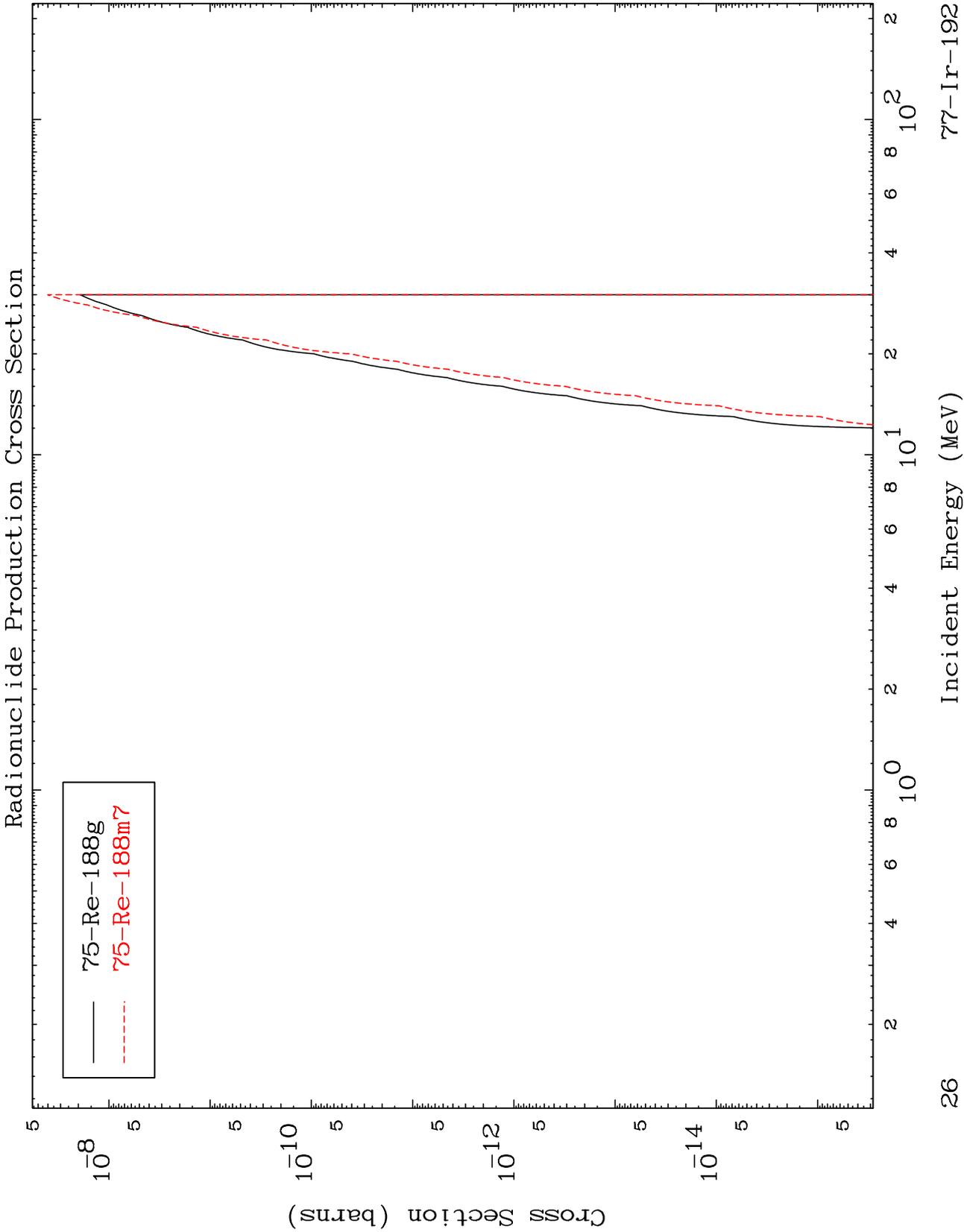
(p,2p)  
Radionuclide Production Cross Section



MAT 7729

(p,p)  $\alpha$

<sup>77</sup>Ir-192

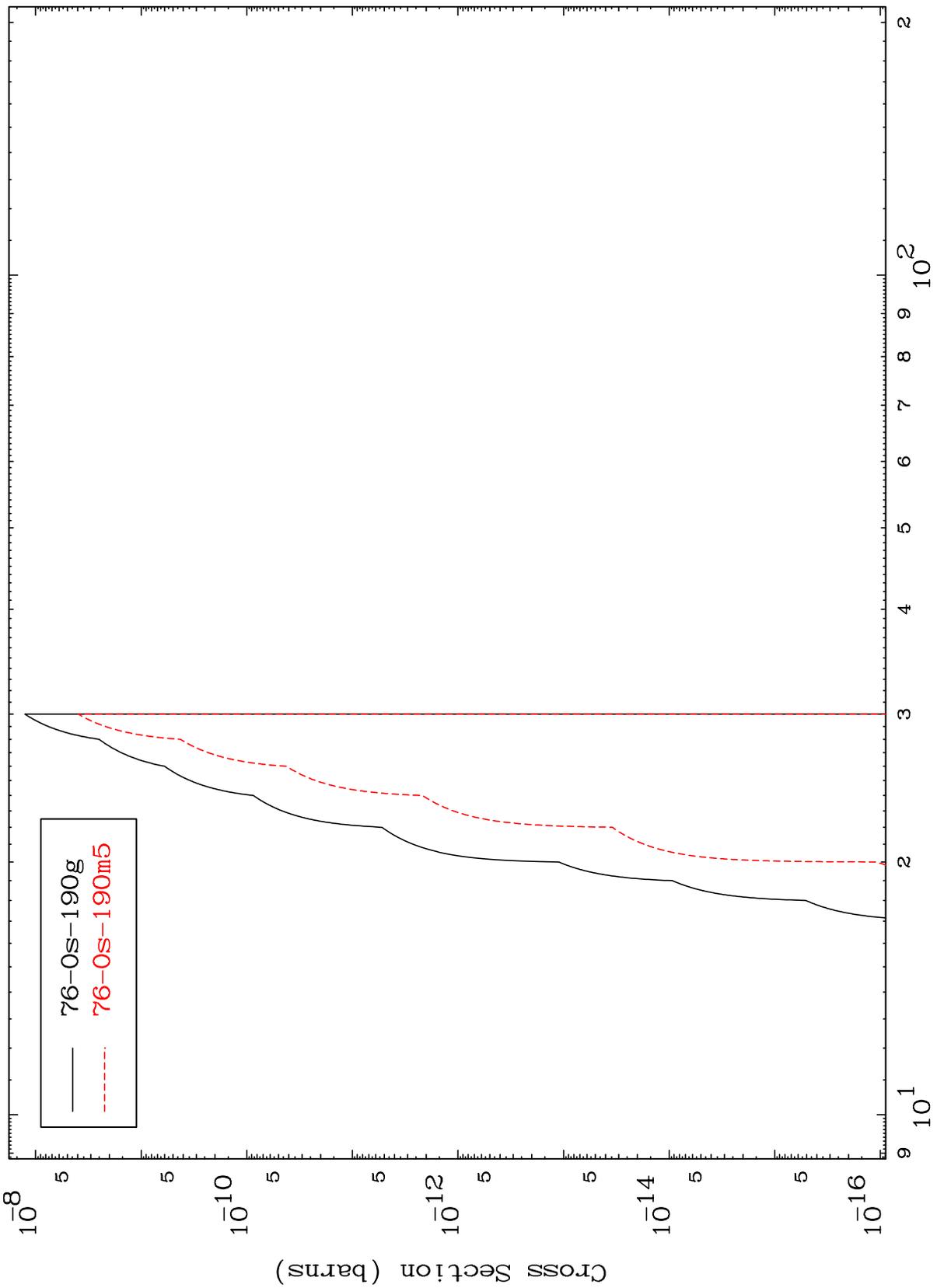


MAT 7729

(p,p) d

<sup>77</sup>Ir-192

Radionuclide Production Cross Section



76-Os-190g  
76-Os-190m5

27

Incident Energy (MeV)

<sup>77</sup>Ir-192

Radionuclide Production Cross Section

