

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

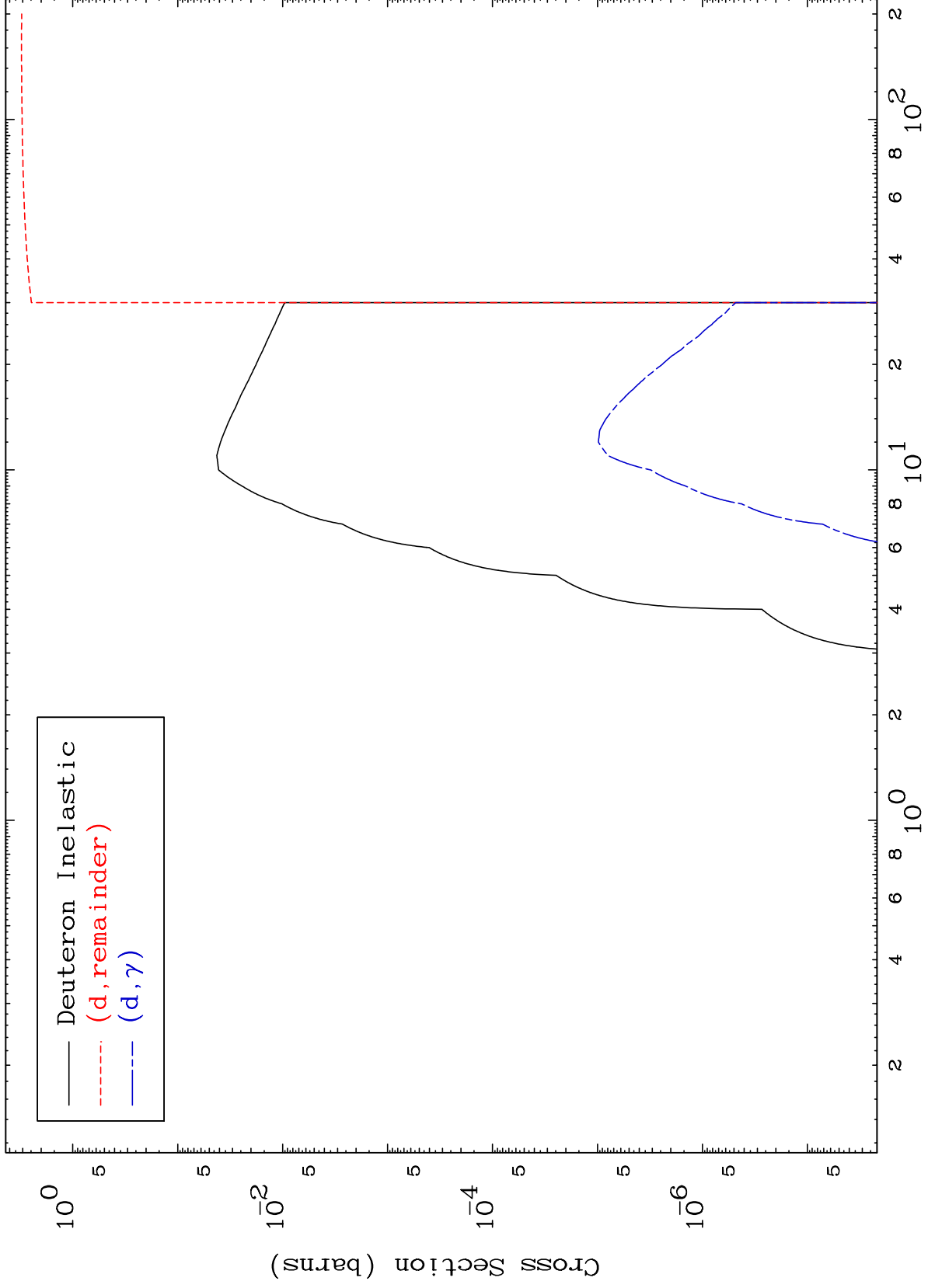
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

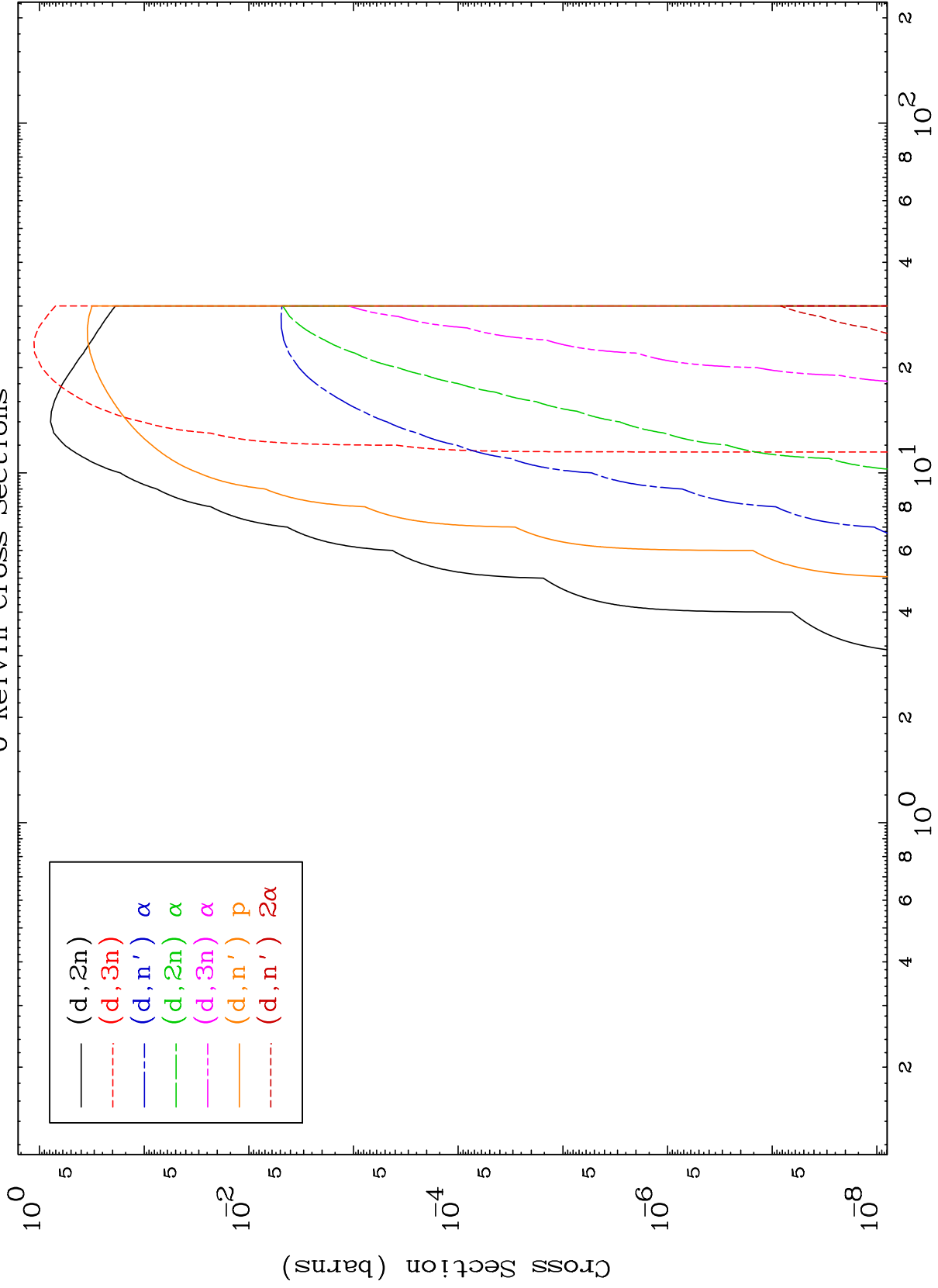
Tele: 925-443-1911

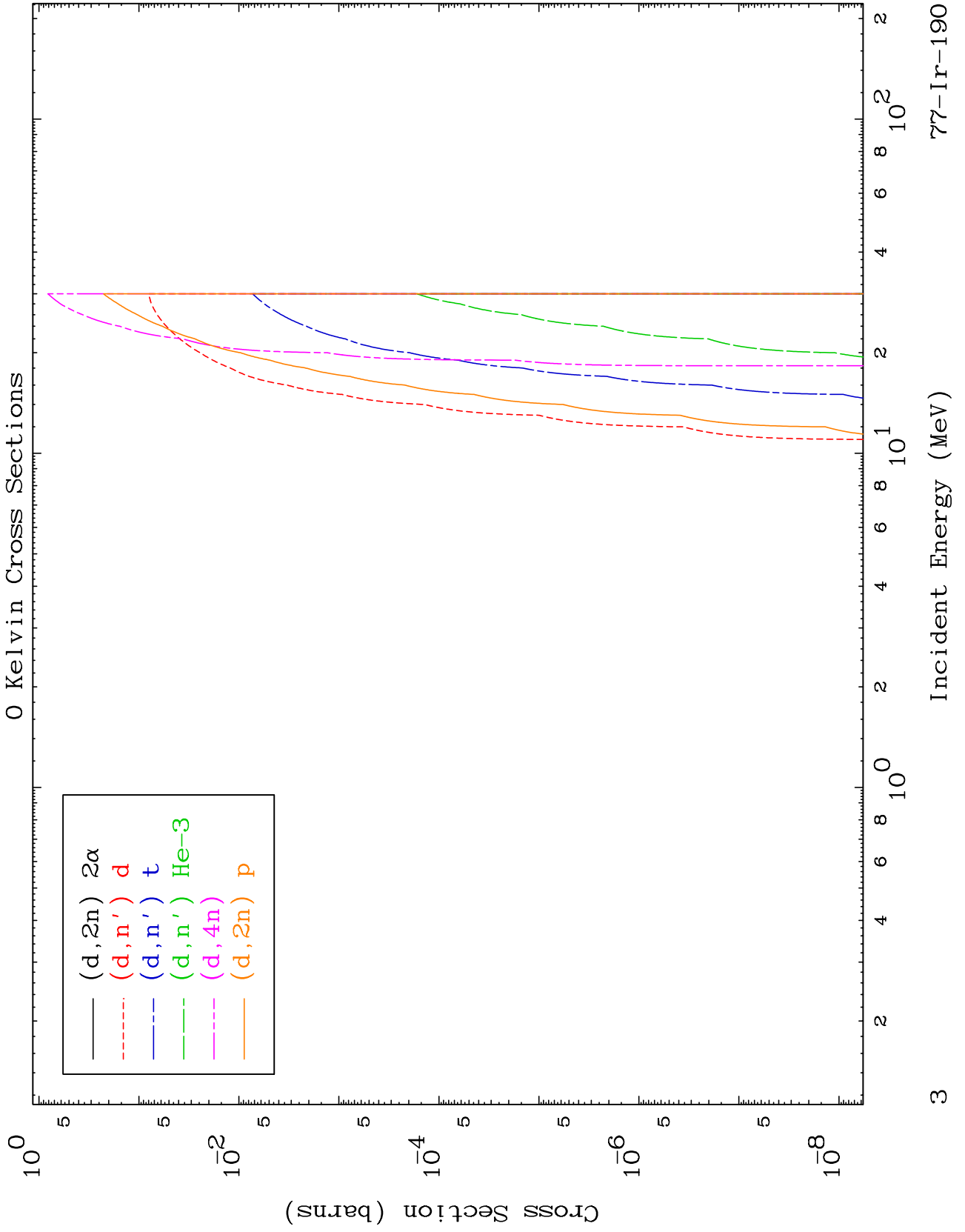
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

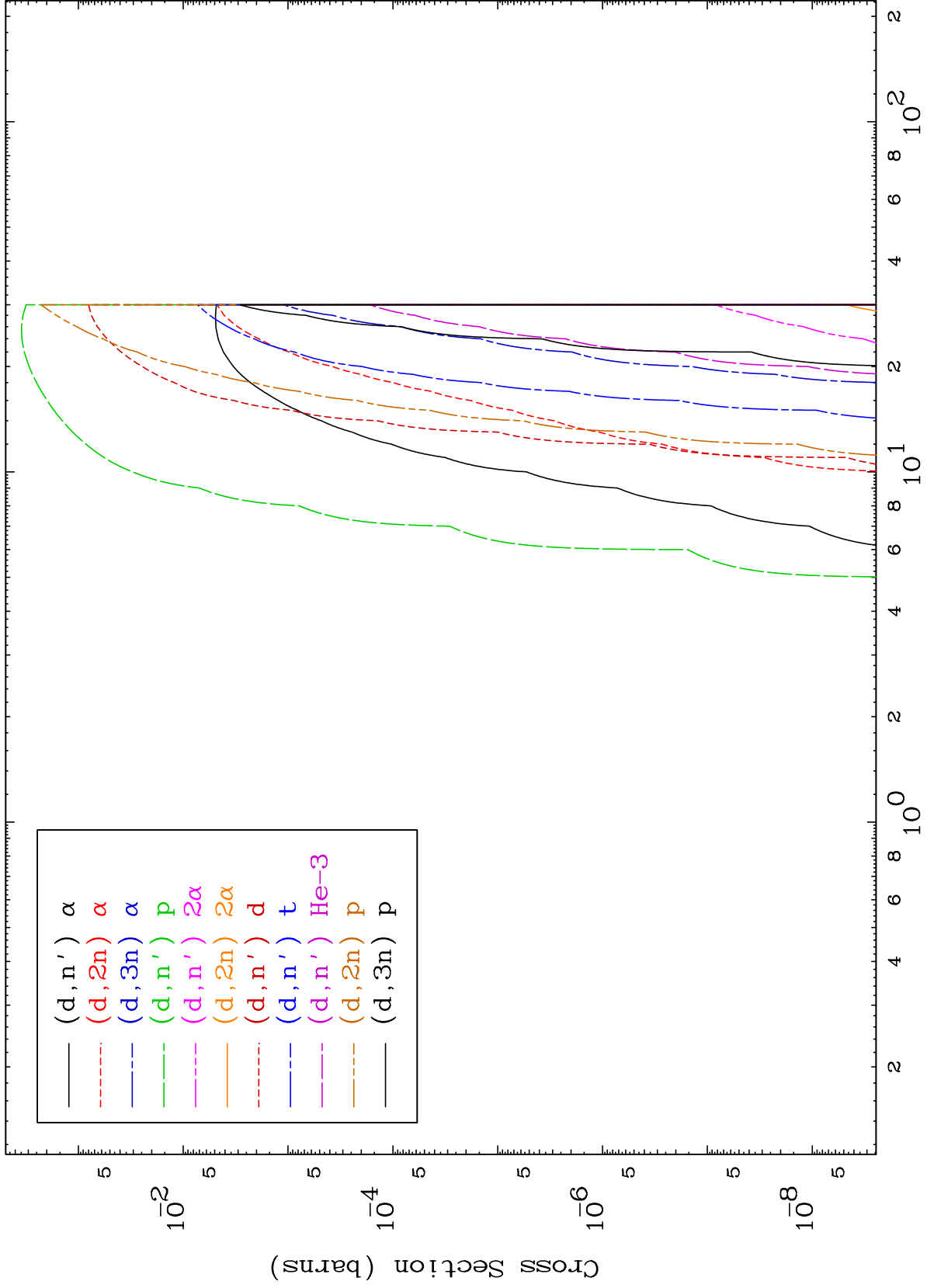
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

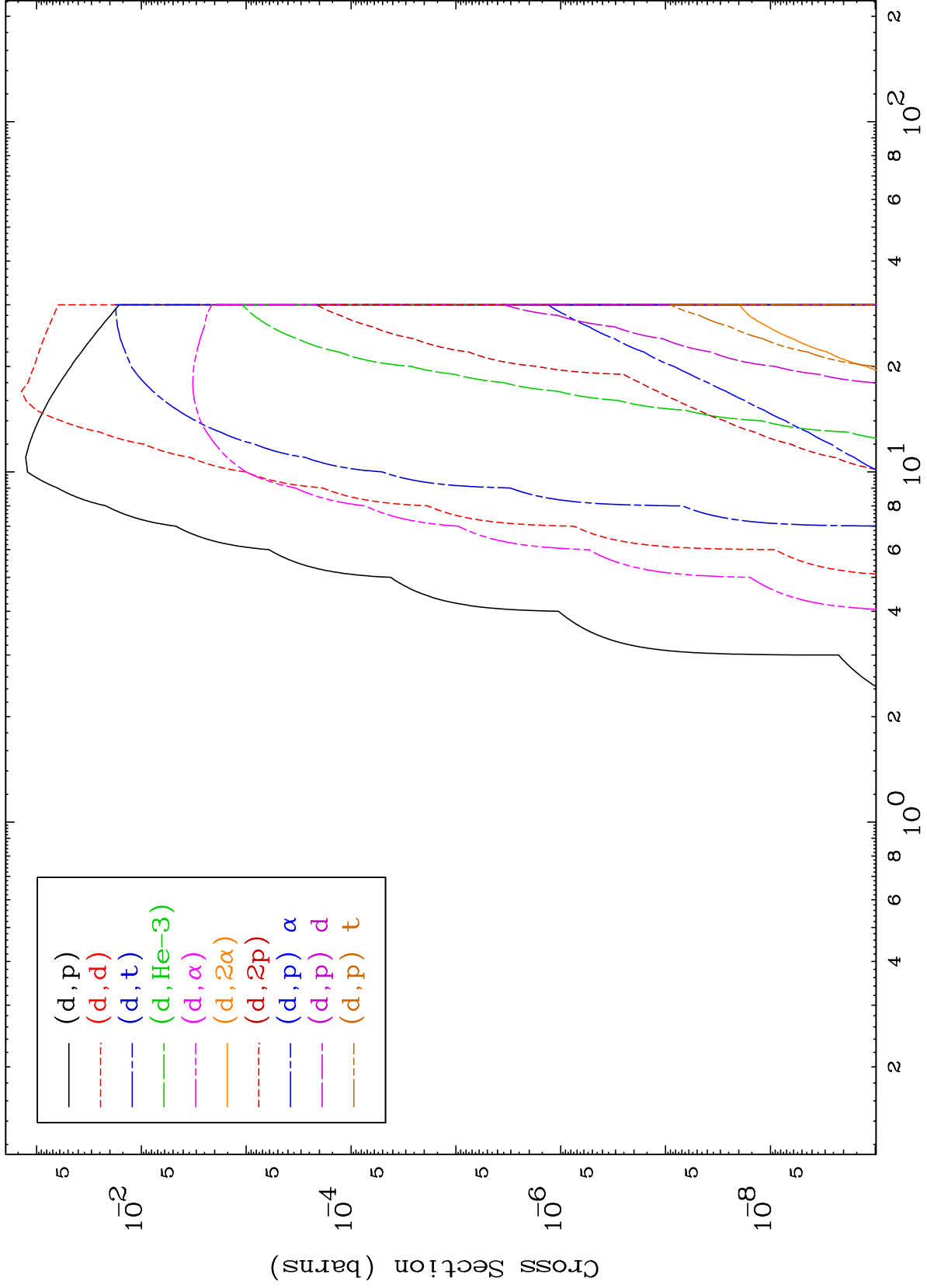
Press Mouse Button to Start









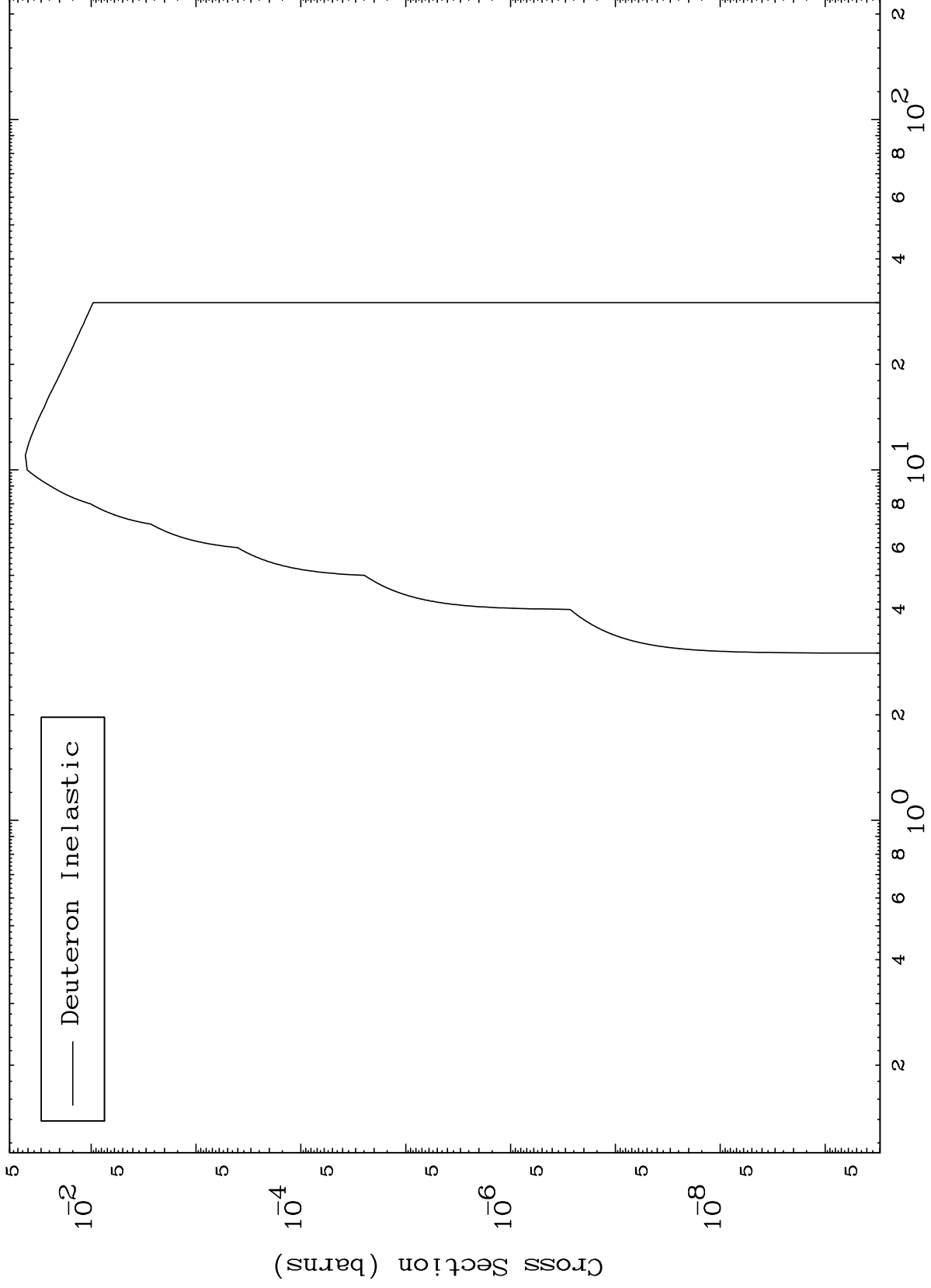


MAT 7722

(d,n') Level

77-Ir-190

0 Kelvin Cross Sections



6

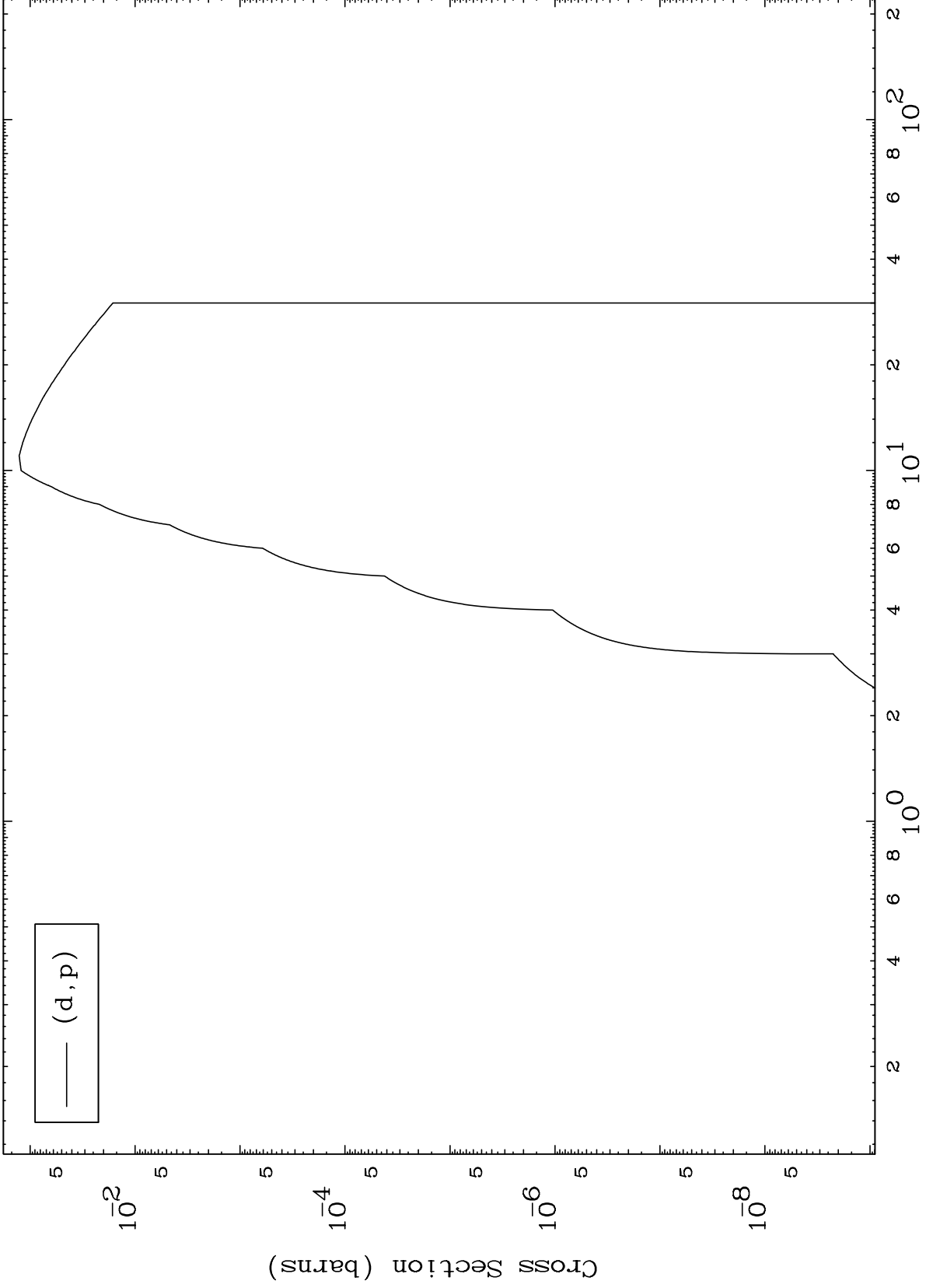
Incident Energy (MeV)

77-Ir-190

MAT 7722

77-Ir-190

(d,p) Levels  
0 Kelvin Cross Sections

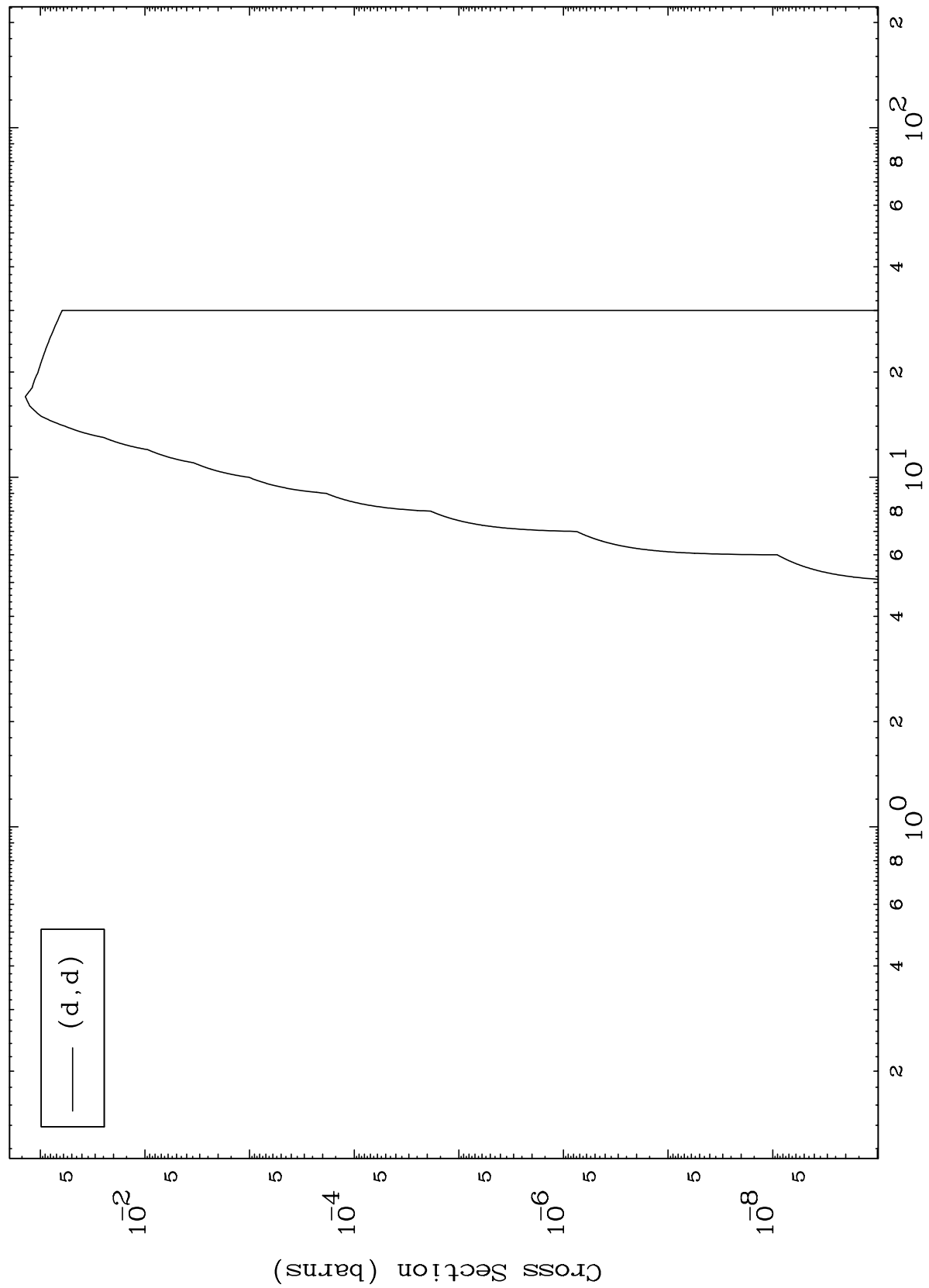




MAT 7722

77-Ir-190

(d,d) Levels  
0 Kelvin Cross Sections



77-Ir-190

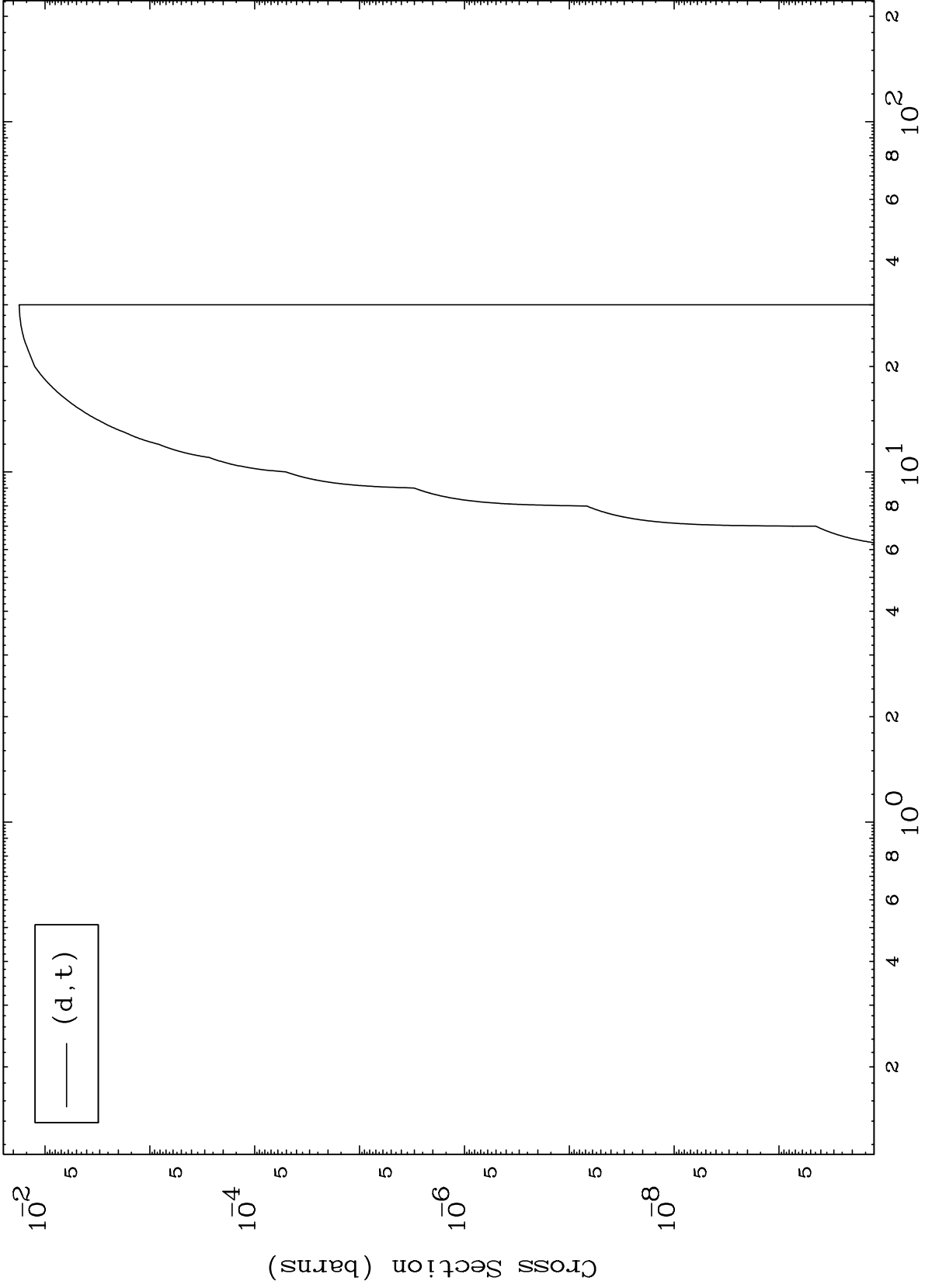
Incident Energy (MeV)

MAT 7722

(d,t) Levels

<sup>77</sup>Ir-190

0 Kelvin Cross Sections

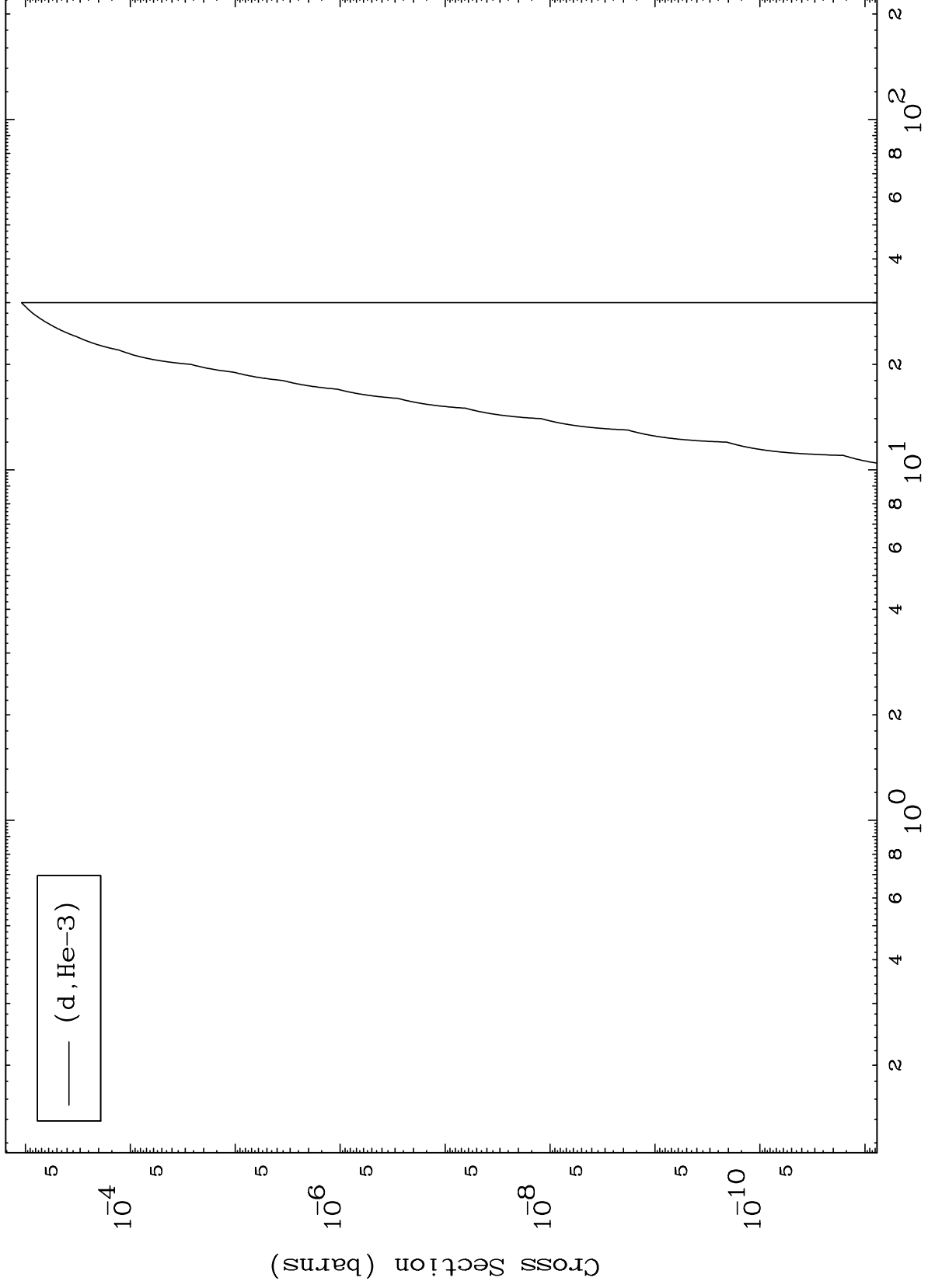


MAT 7722

(d,He3) Levels

77-Ir-190

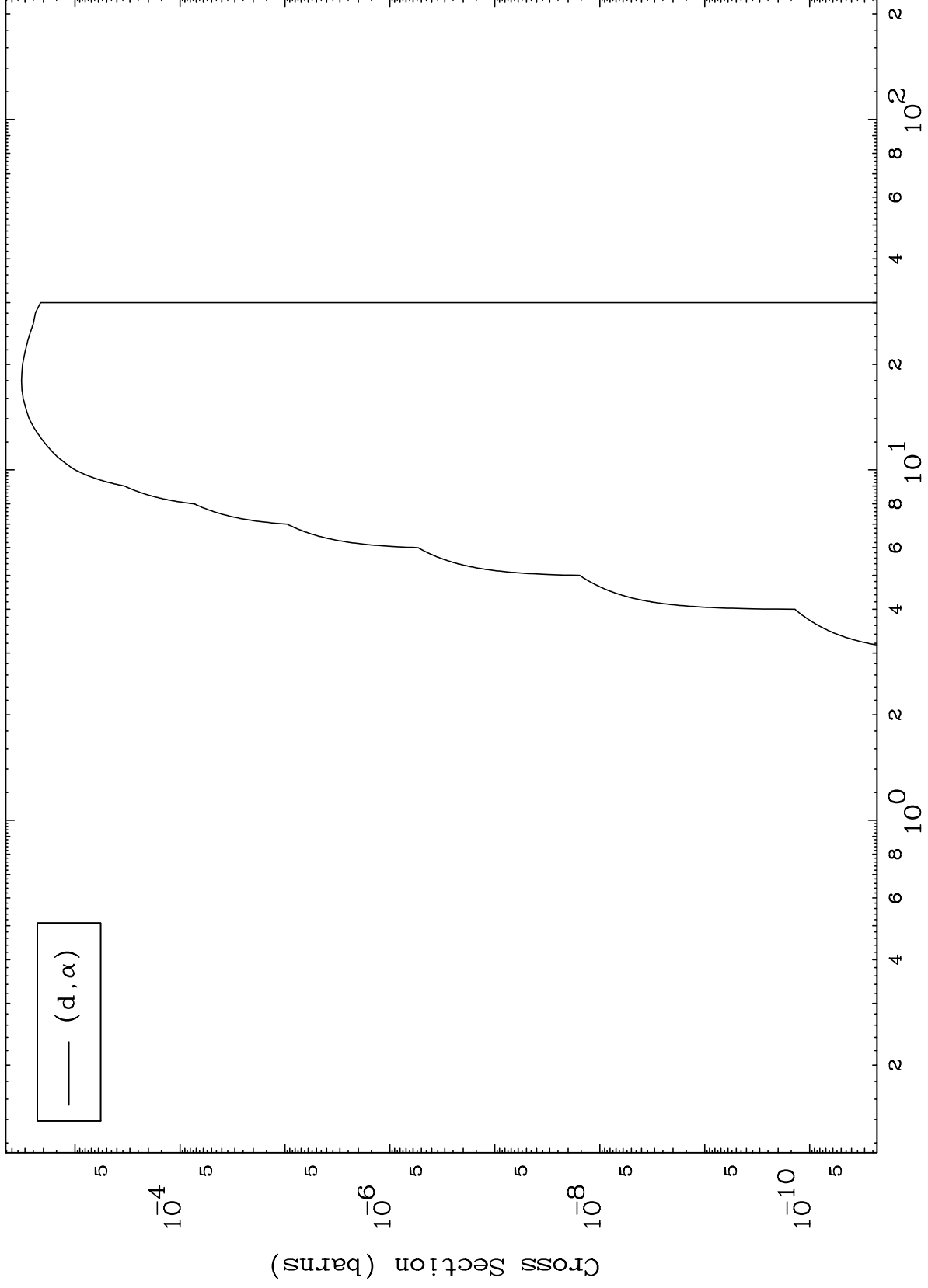
0 Kelvin Cross Sections



10

Incident Energy (MeV)

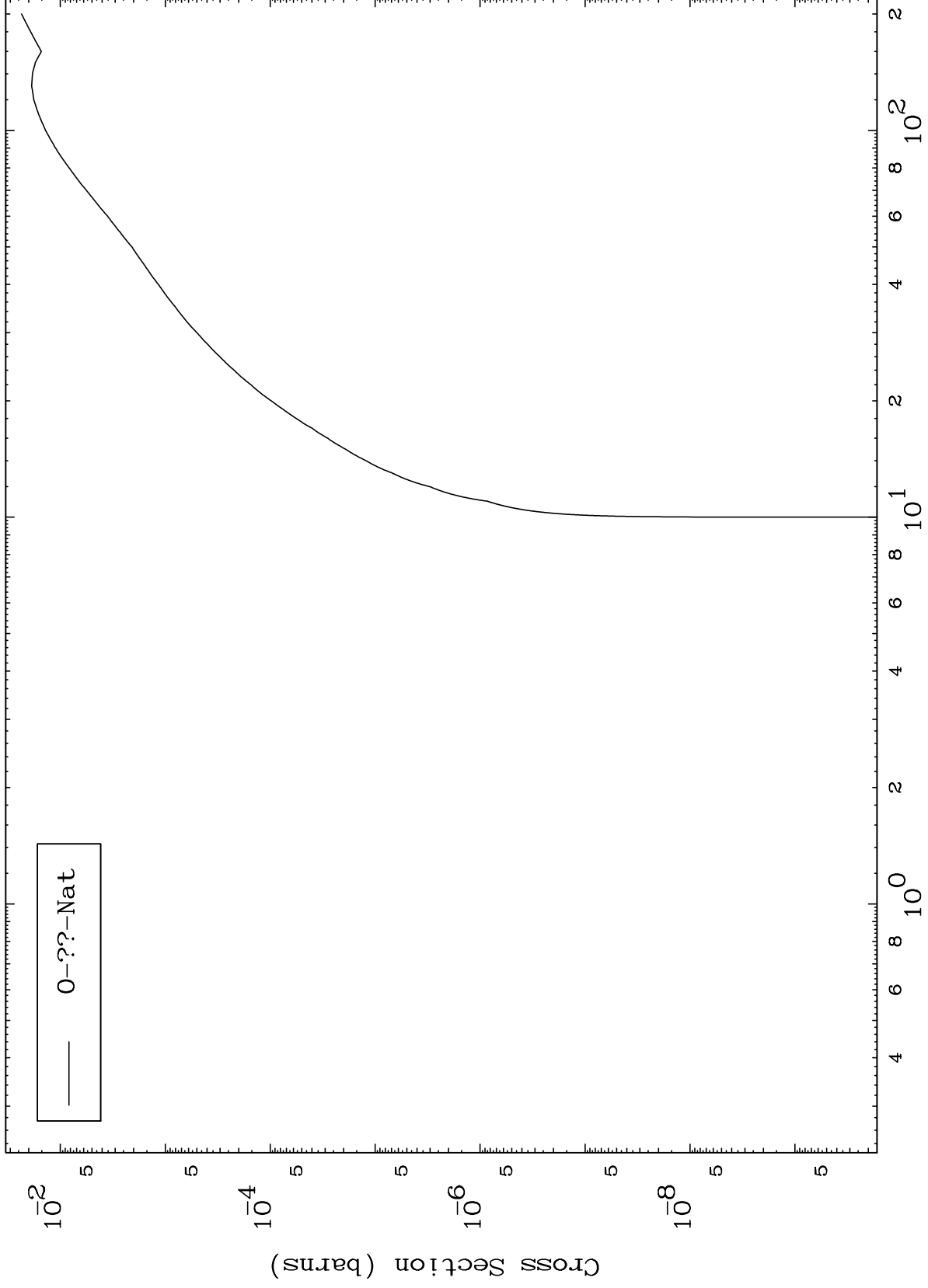
77-Ir-190



MAT 7722

Deuteron Fission  
Radionuclide Production Cross Section

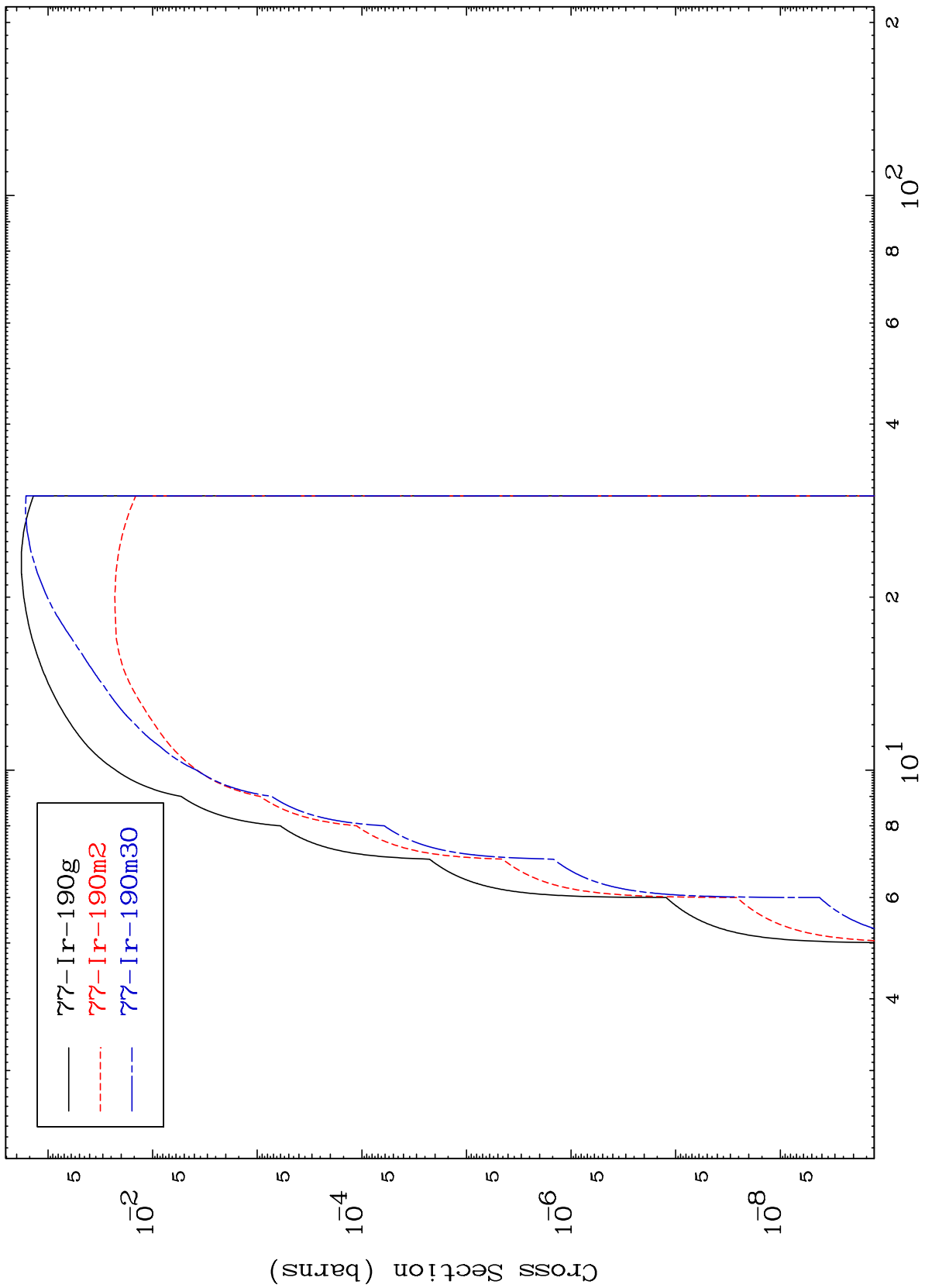
<sup>77</sup>Ir-190



MAT 7722

<sup>77</sup>Ir-190

(d,n') p  
Radionuclide Production Cross Section

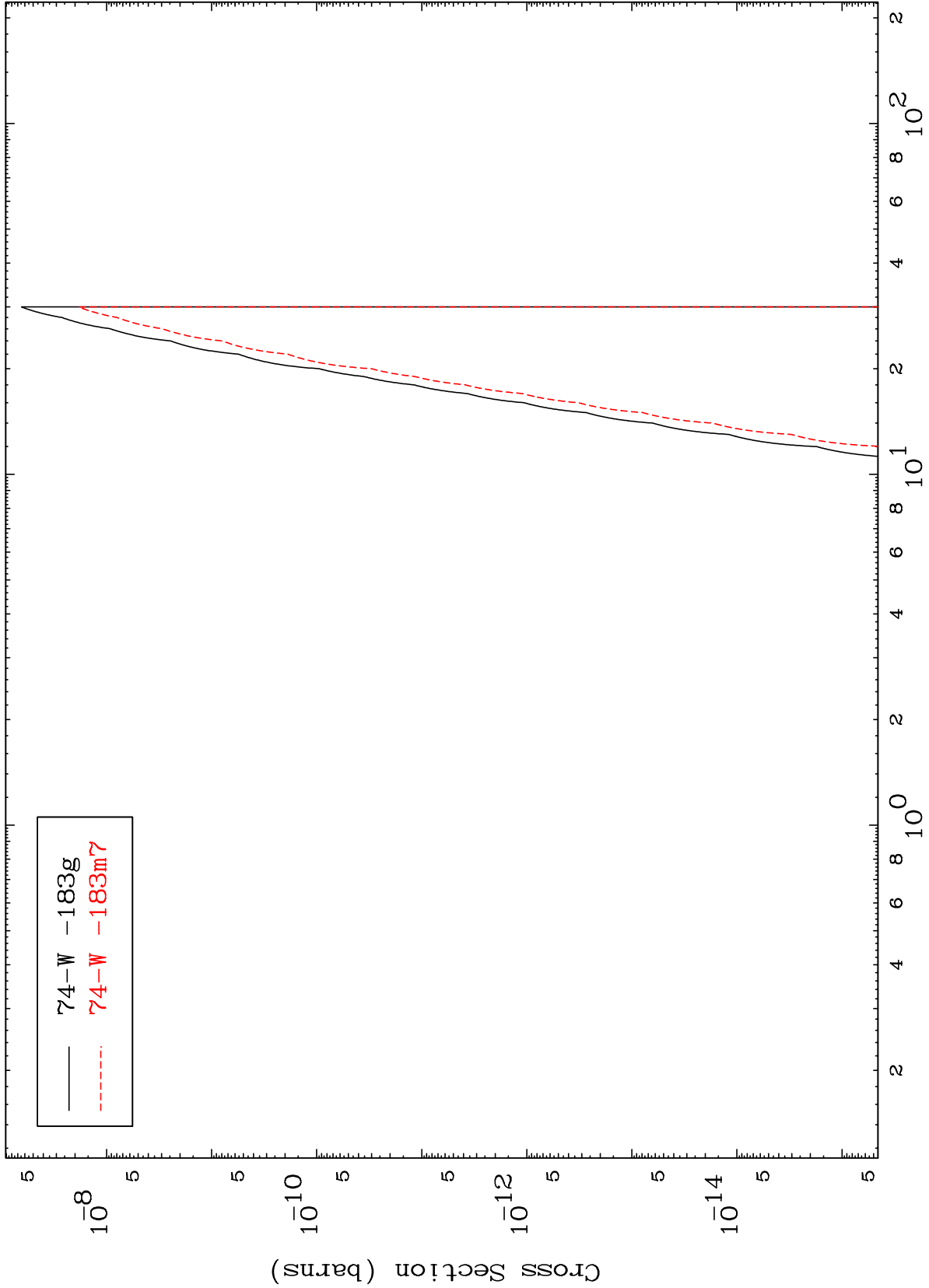


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(d,n') 2 $\alpha$

77-Ir-190

Radionuclide Production Cross Section



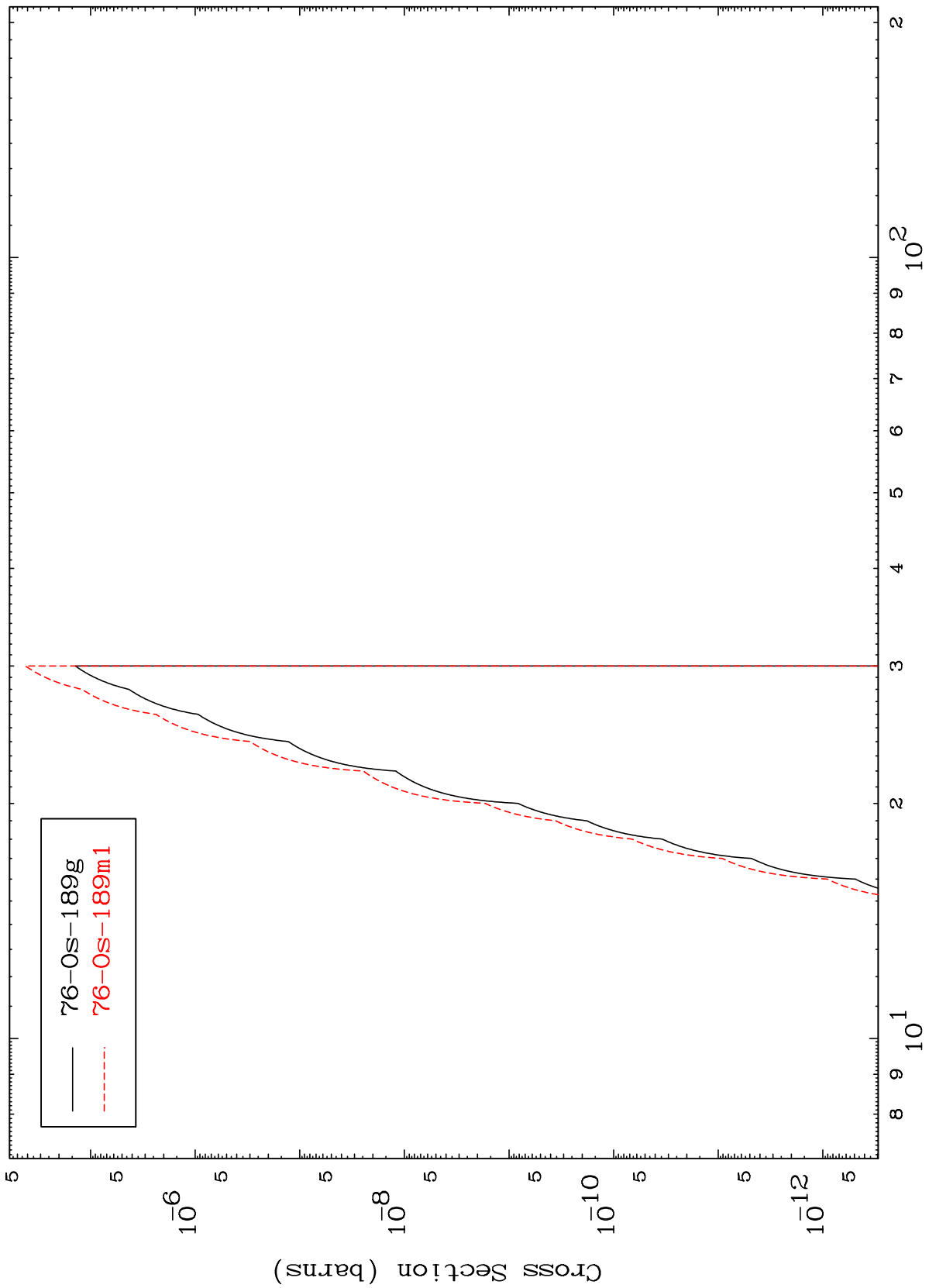
74-W -183g  
74-W -183m7

MAT 7722

(d,2n) p

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



— 76-Os-189g  
- - - 76-Os-189m1

15

Incident Energy (MeV)

<sup>77</sup>Ir-190

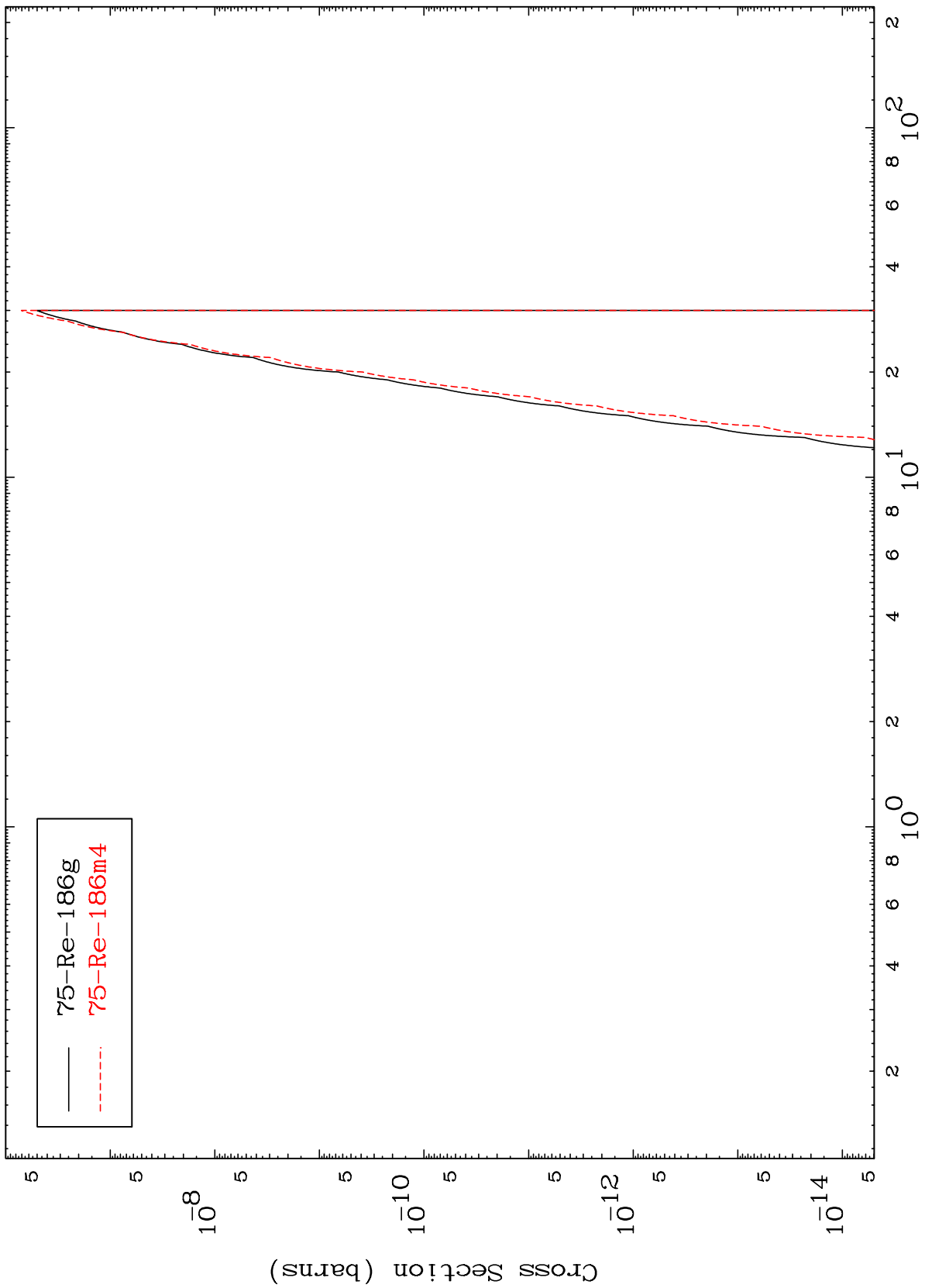


MAT 7722

(d,n') p  $\alpha$

77-Ir-190

Radionuclide Production Cross Section

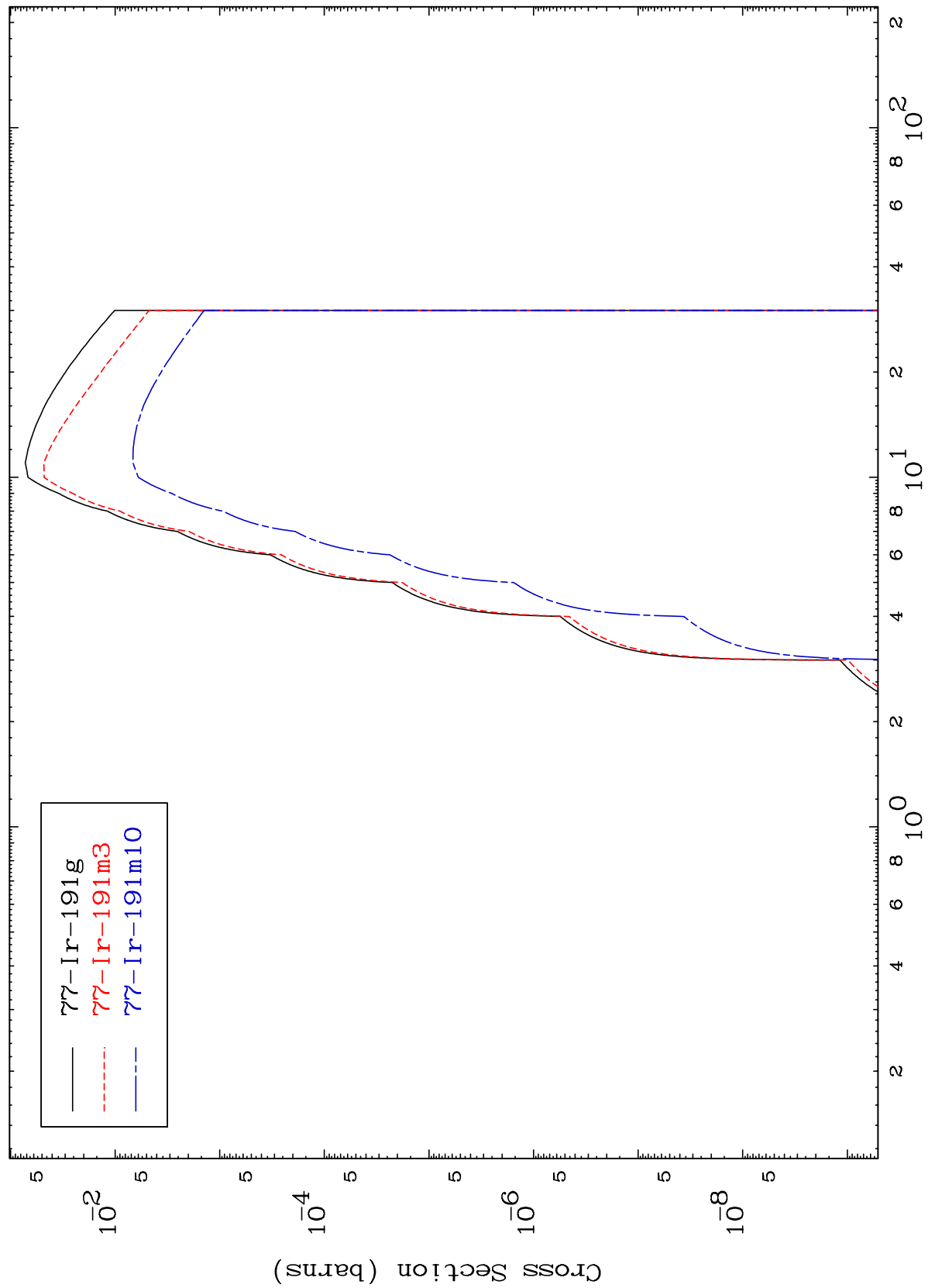


— 75-Re-186g  
- - - 75-Re-186m4

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<sup>77</sup>Ir-190

(d,p)  
Radionuclide Production Cross Section



<sup>77</sup>Ir-190

Incident Energy (MeV)

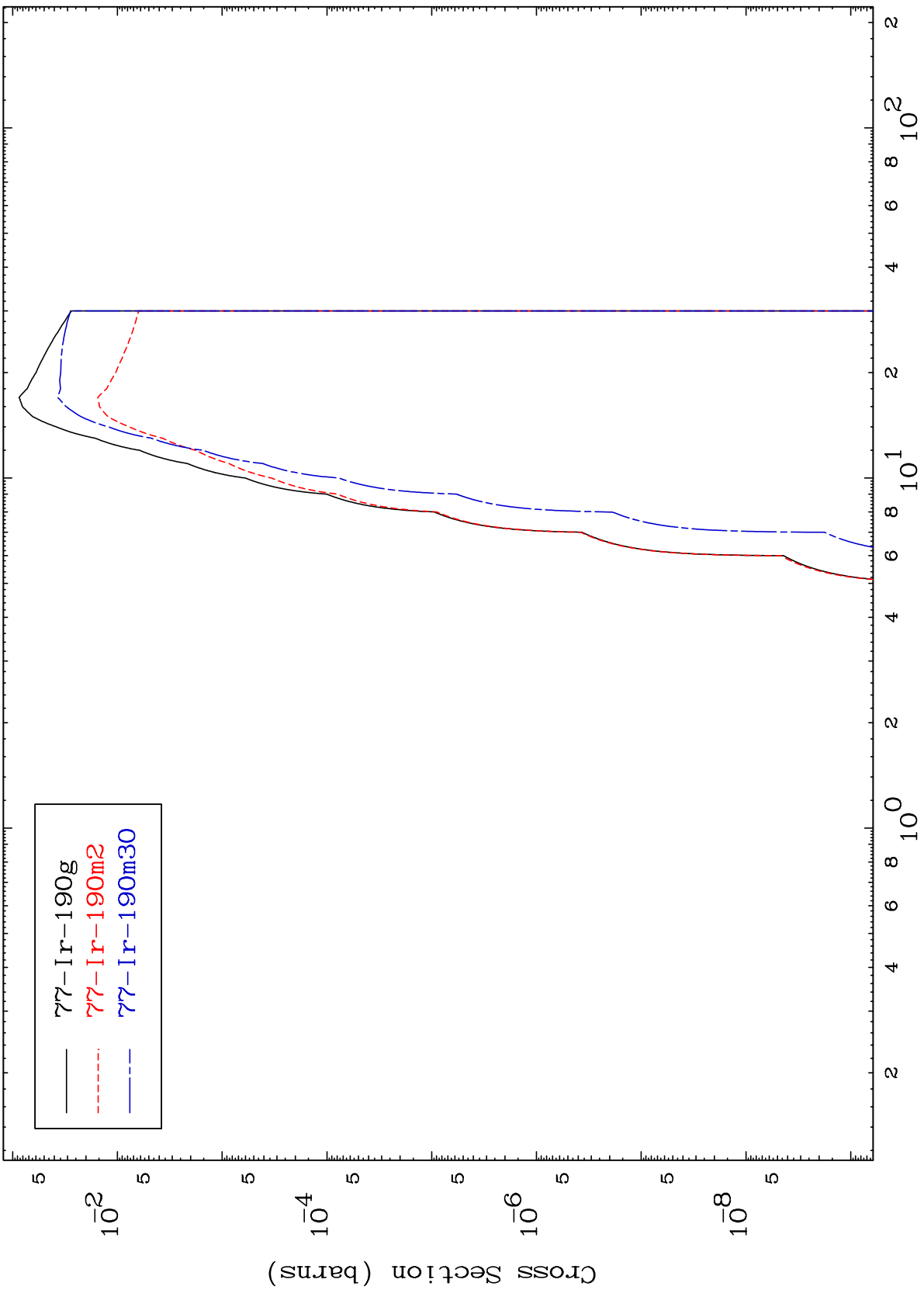
17

MAT 7722

(d,d)

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



18

Incident Energy (MeV)

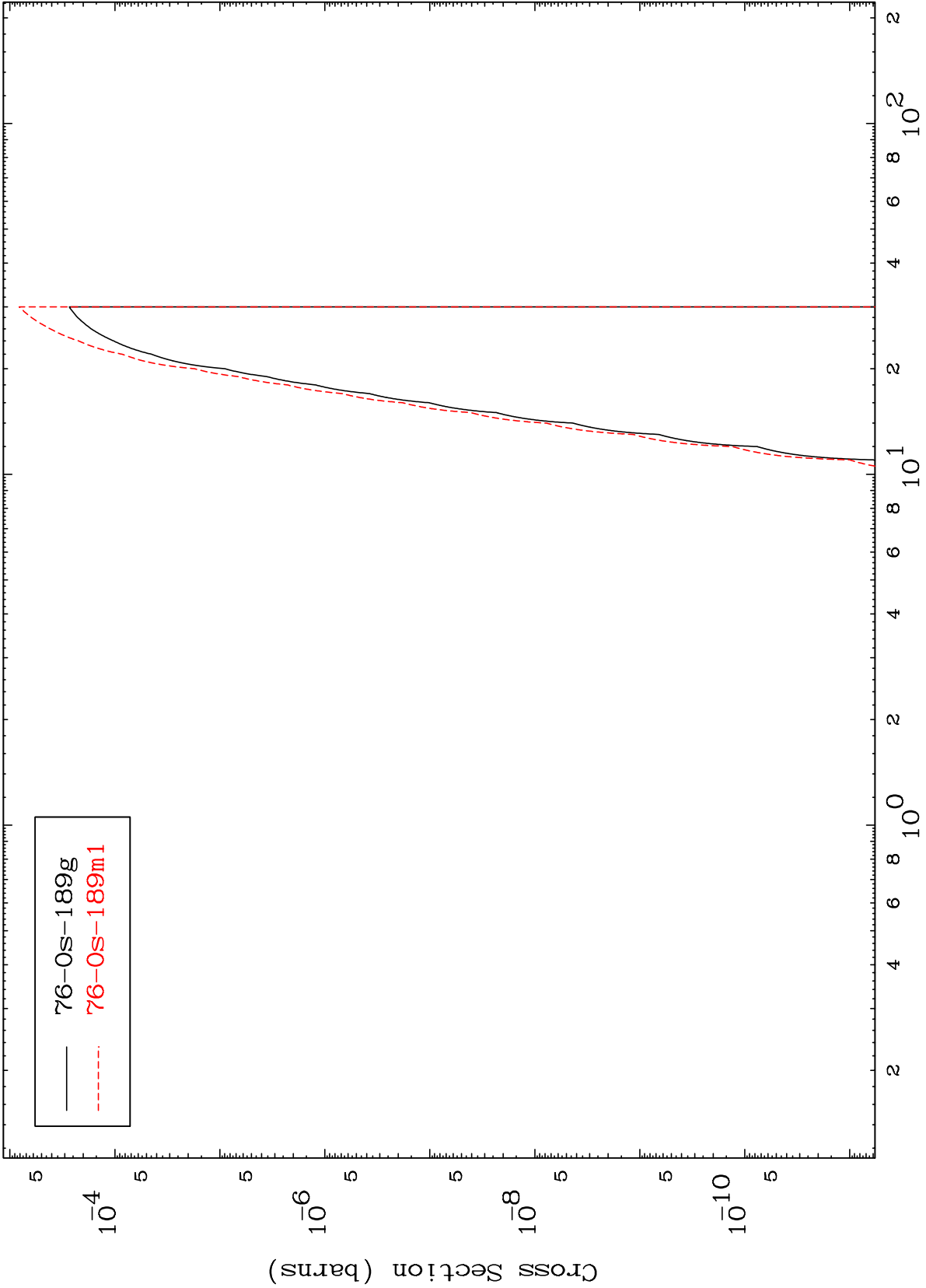
<sup>77</sup>Ir-190

MAT 7722

(d,He-3)

77-Ir-190

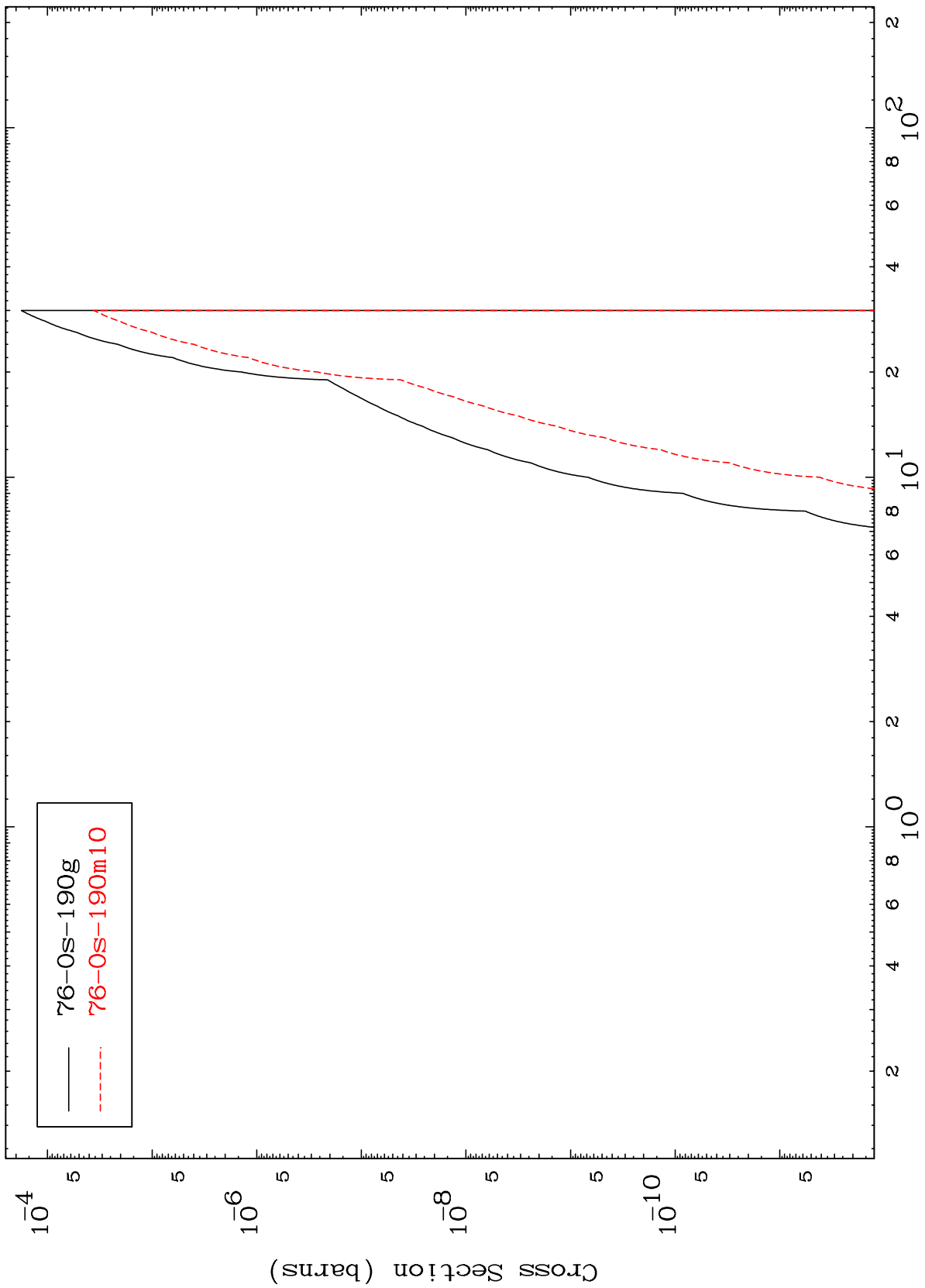
Radionuclide Production Cross Section



MAT 7722

<sup>77</sup>Ir-190

(d,2p)  
Radionuclide Production Cross Section



— 76-Os-190g  
- - - 76-Os-190m10

<sup>77</sup>Ir-190

Incident Energy (MeV)

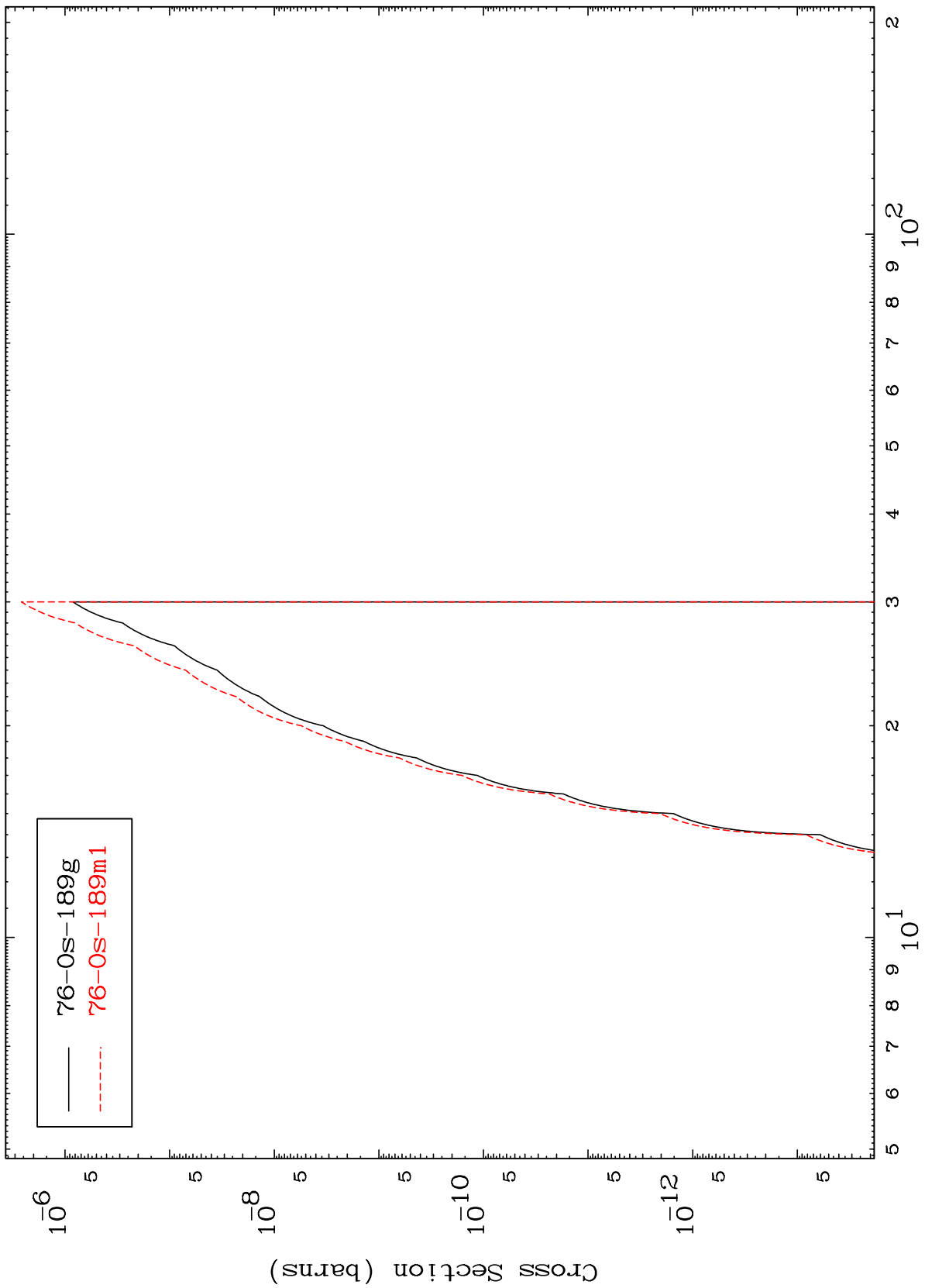
20

MAT 7722

(d,p) d

77-Ir-190

Radionuclide Production Cross Section

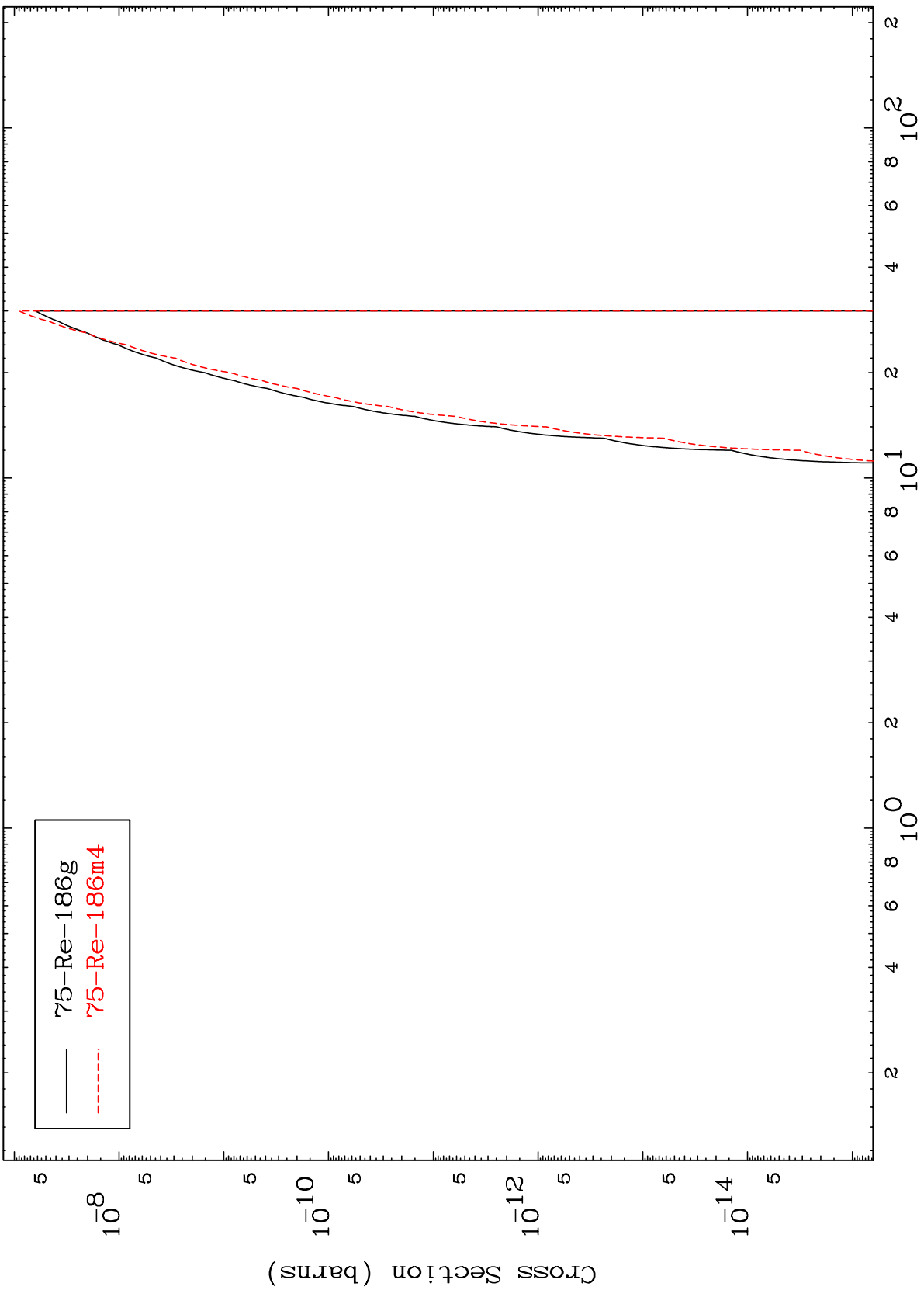


MAT 7722

(d,d)  $\alpha$

77-Ir-190

Radionuclide Production Cross Section



75-Re-186g  
75-Re-186m4