

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

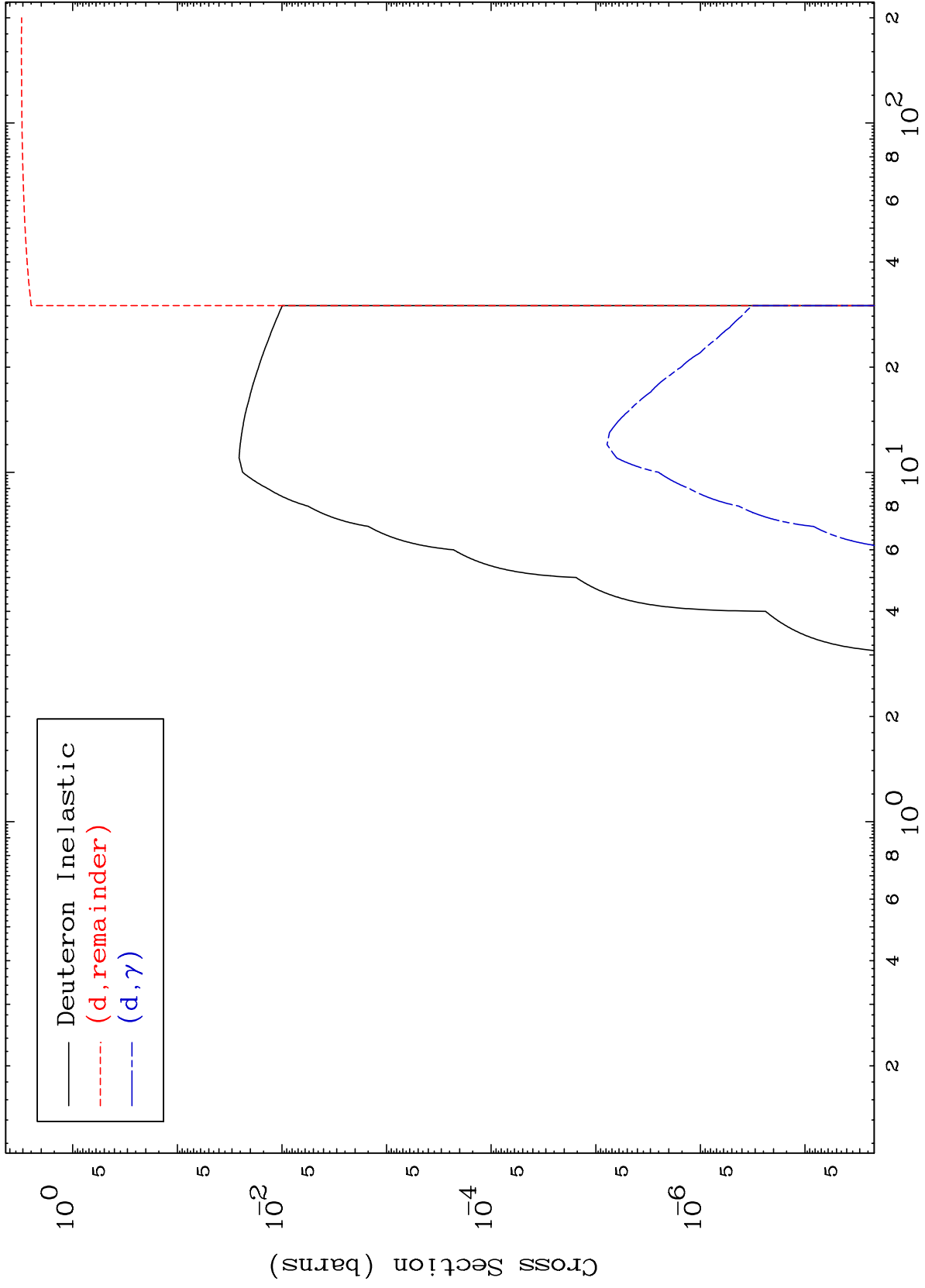
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

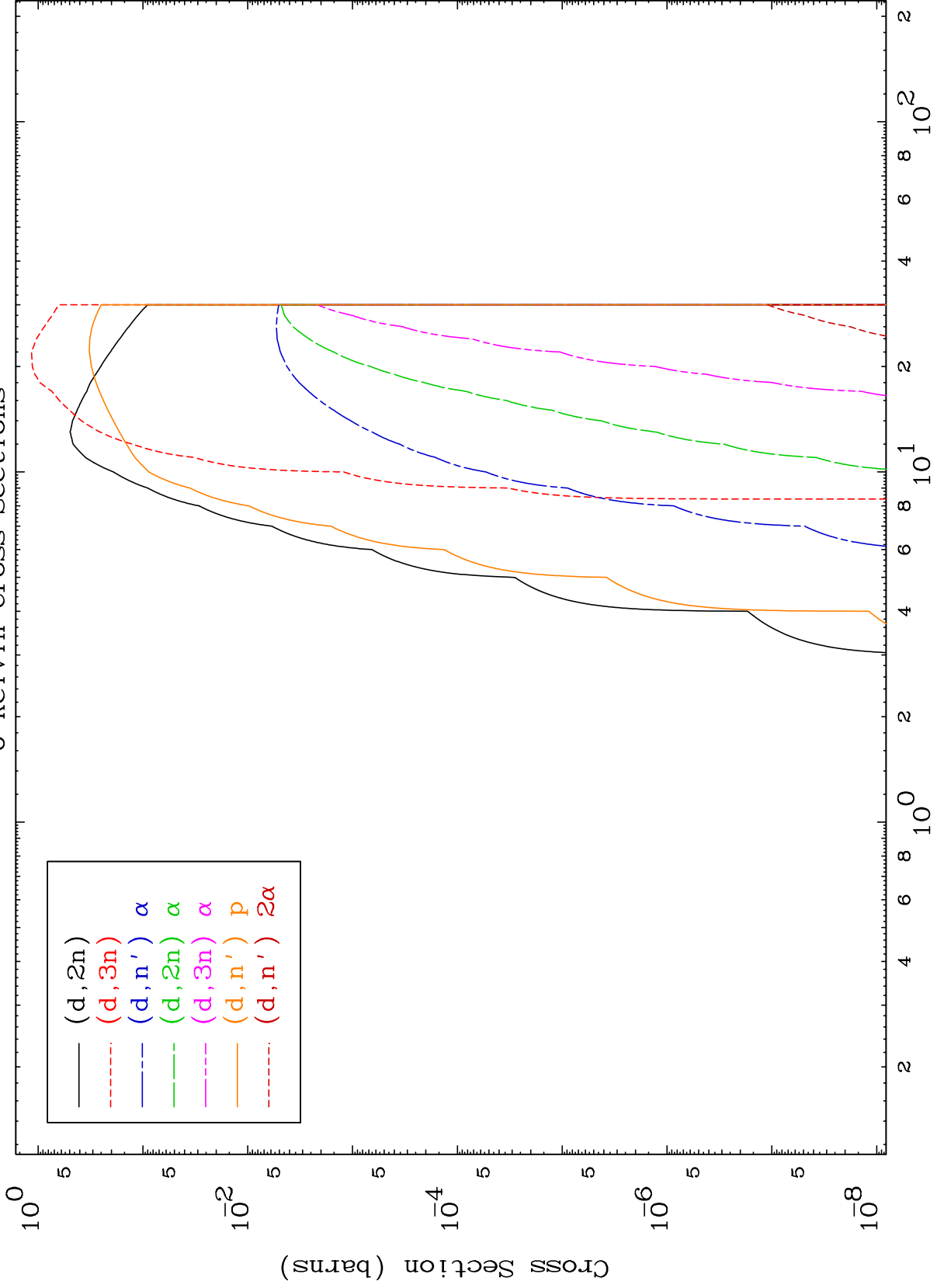
Tele: 925-443-1911

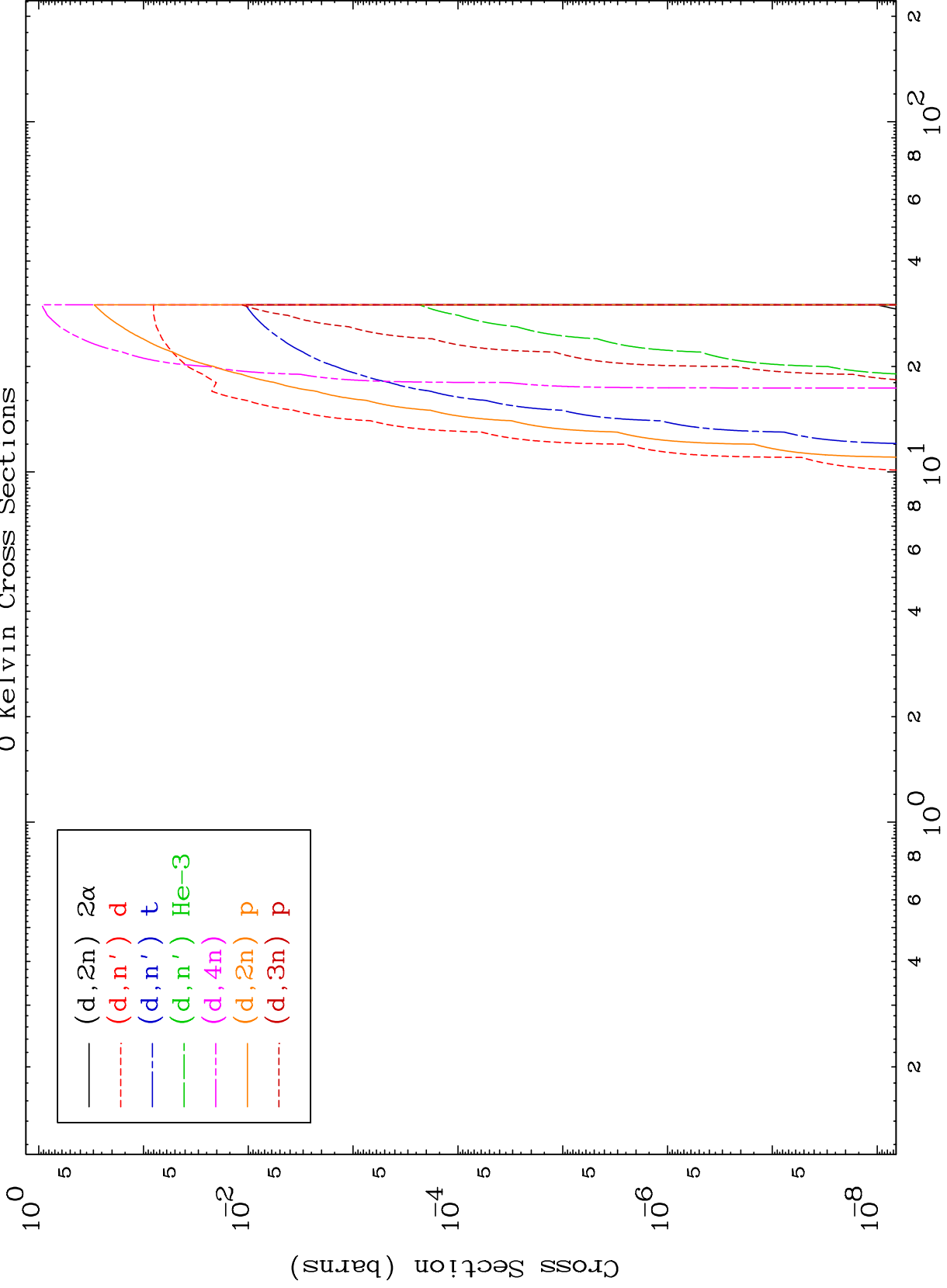
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

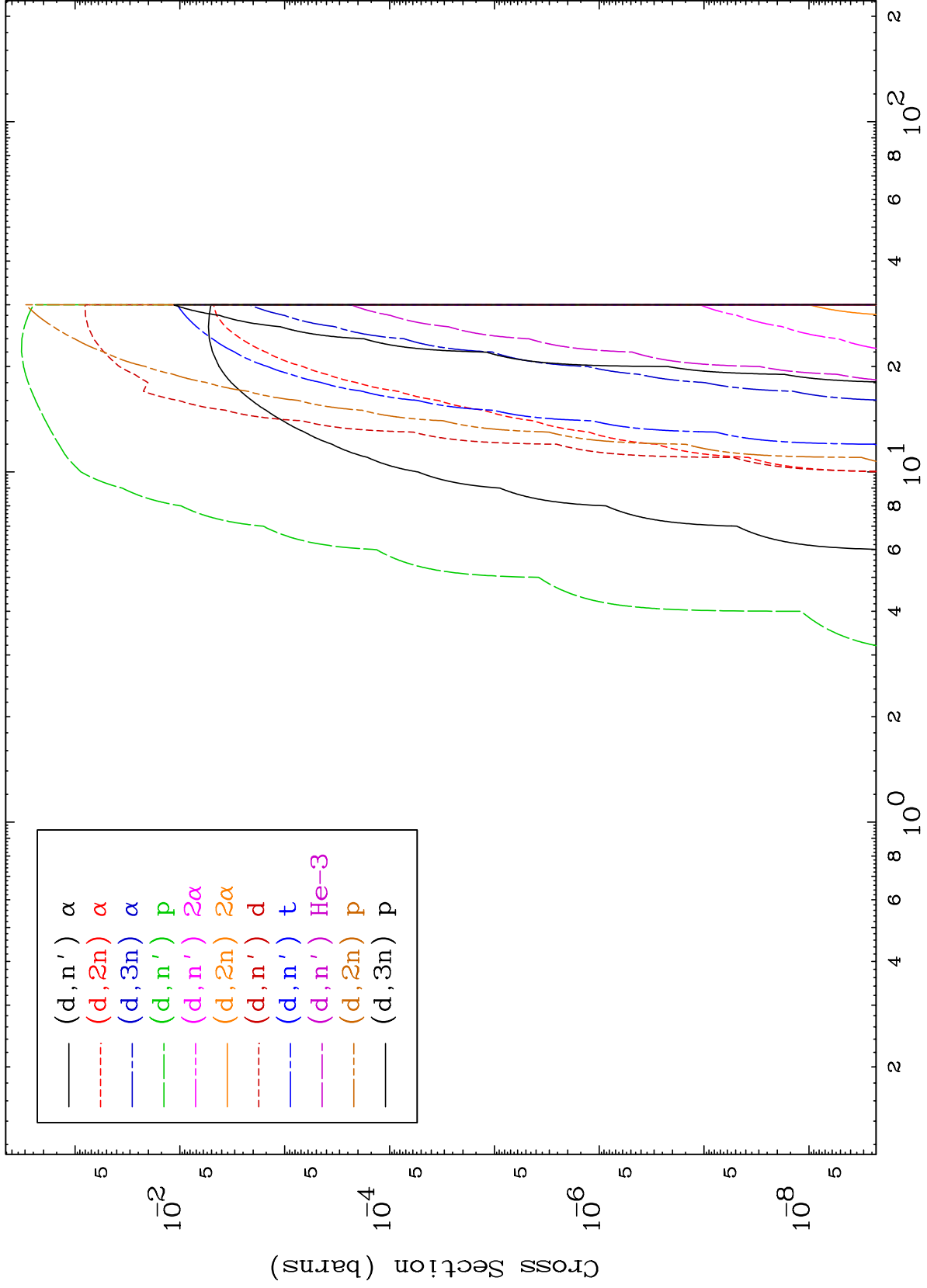
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

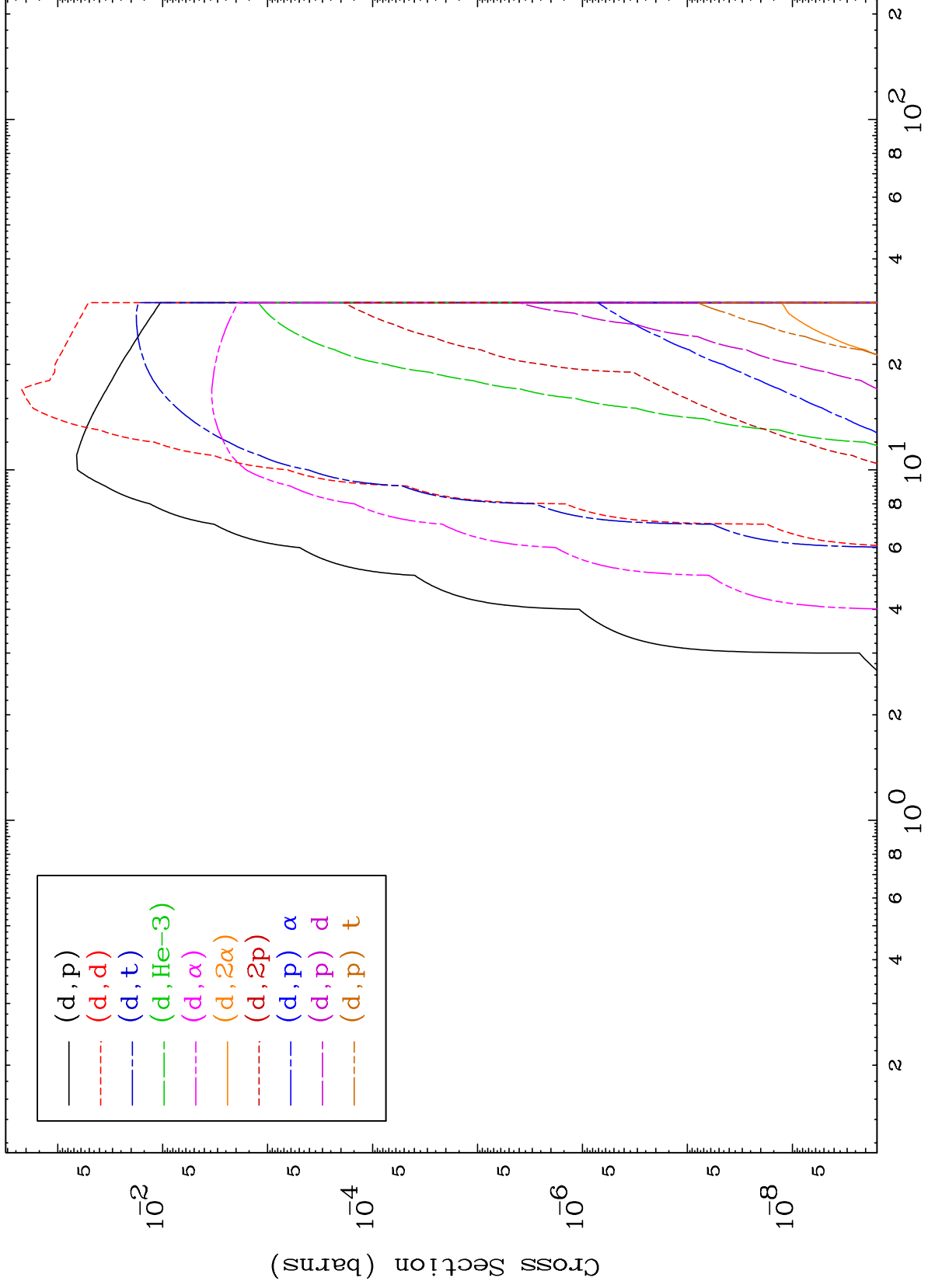
Press Mouse Button to Start









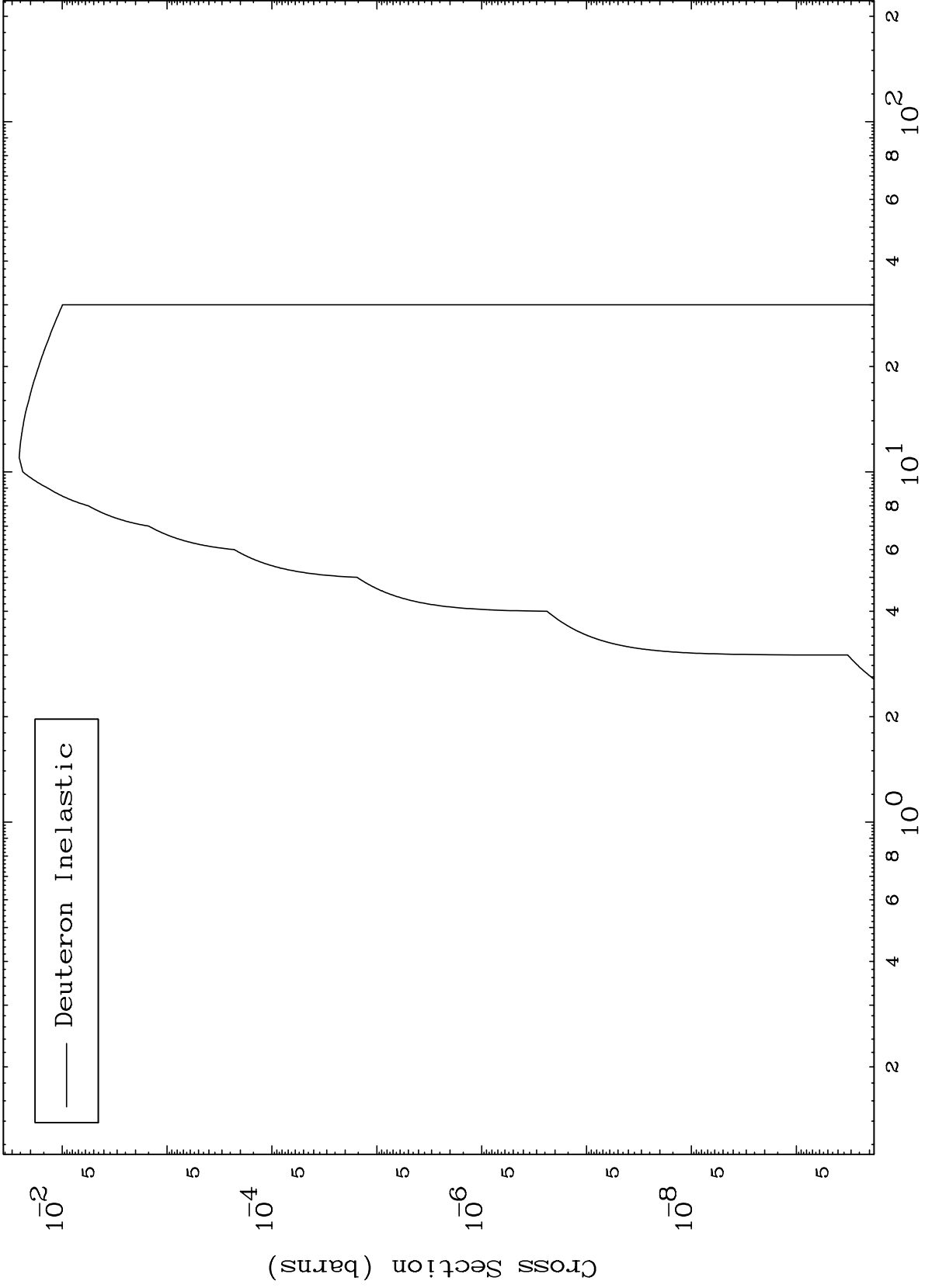


MAT 7727

(d,n') Level

77-Ir-191

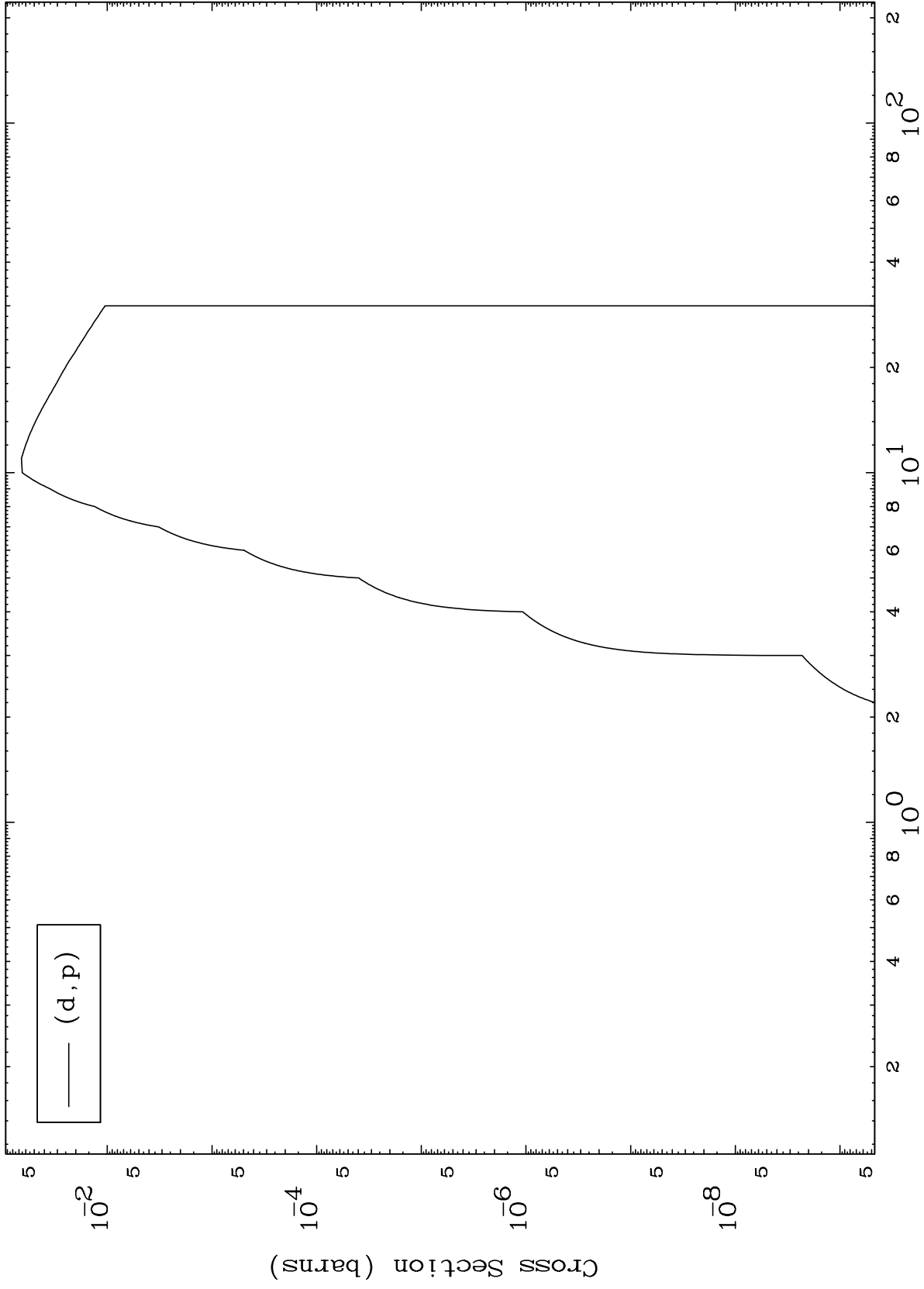
0 Kelvin Cross Sections



MAT 7727

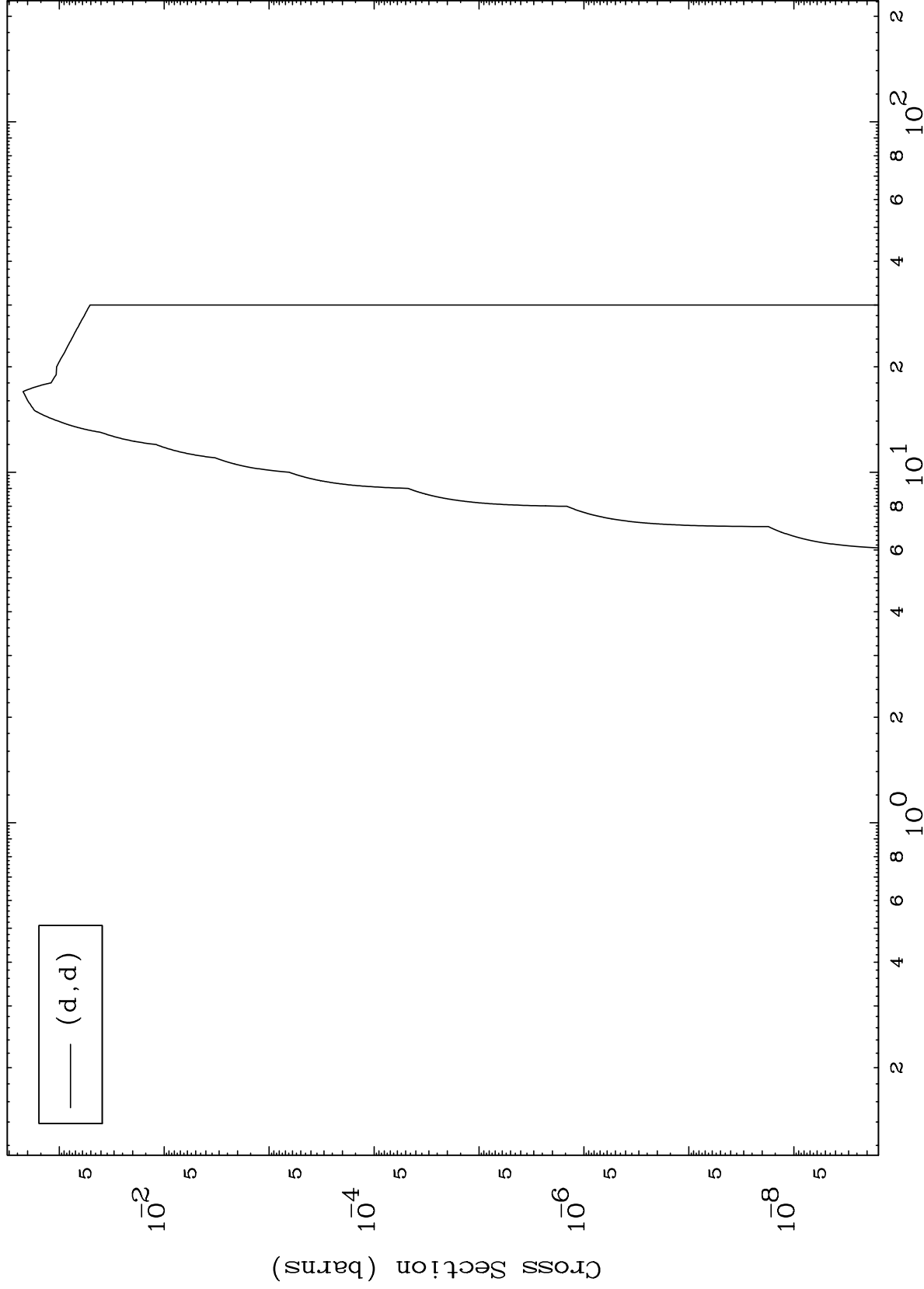
(d,p) Levels  
0 Kelvin Cross Sections

77-Ir-191





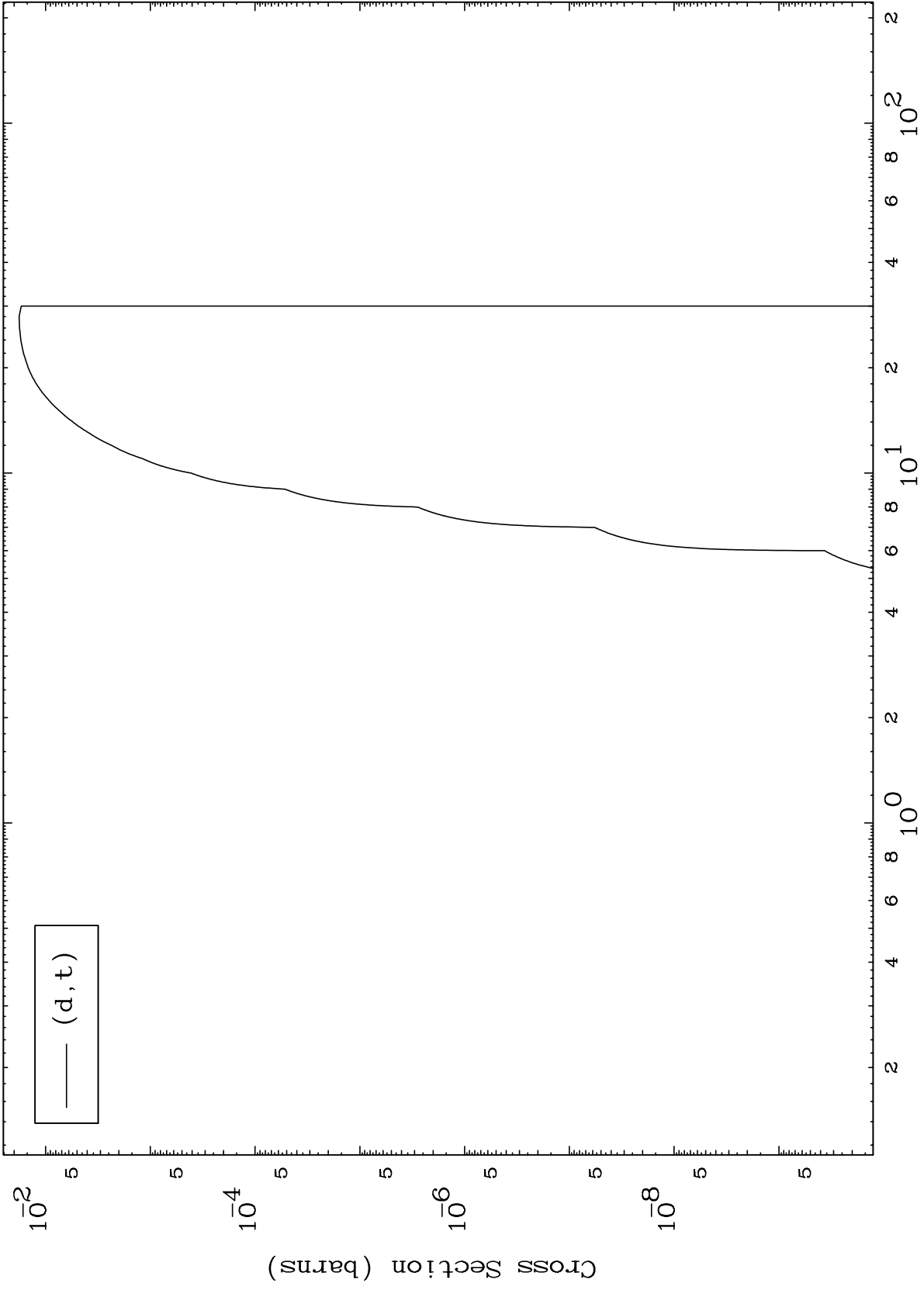
0 Kelvin Cross Sections



MAT 7727

(d,t) Levels  
0 Kelvin Cross Sections

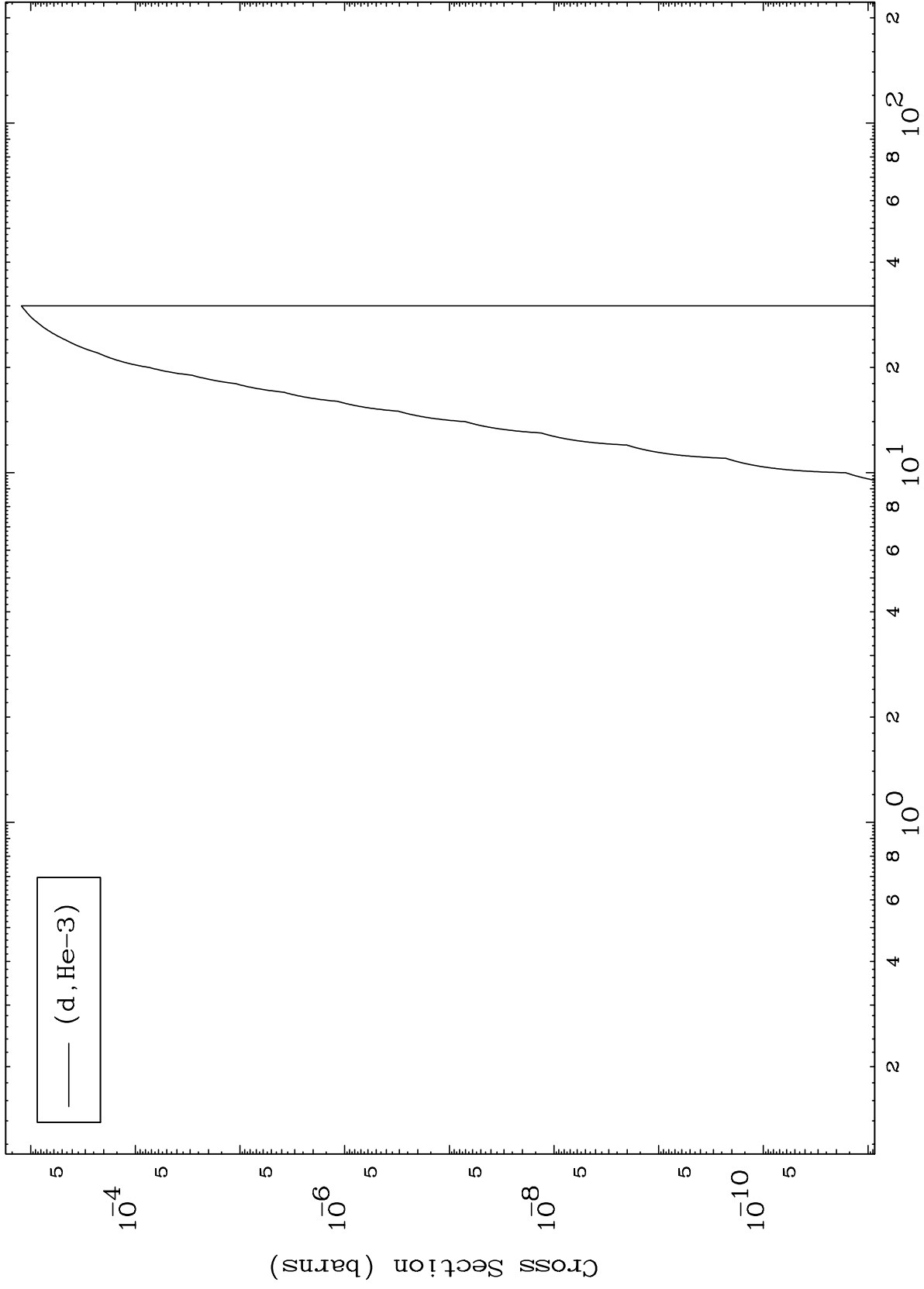
77-Ir-191



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(d,He3) Levels  
0 Kelvin Cross Sections

77-Ir-191

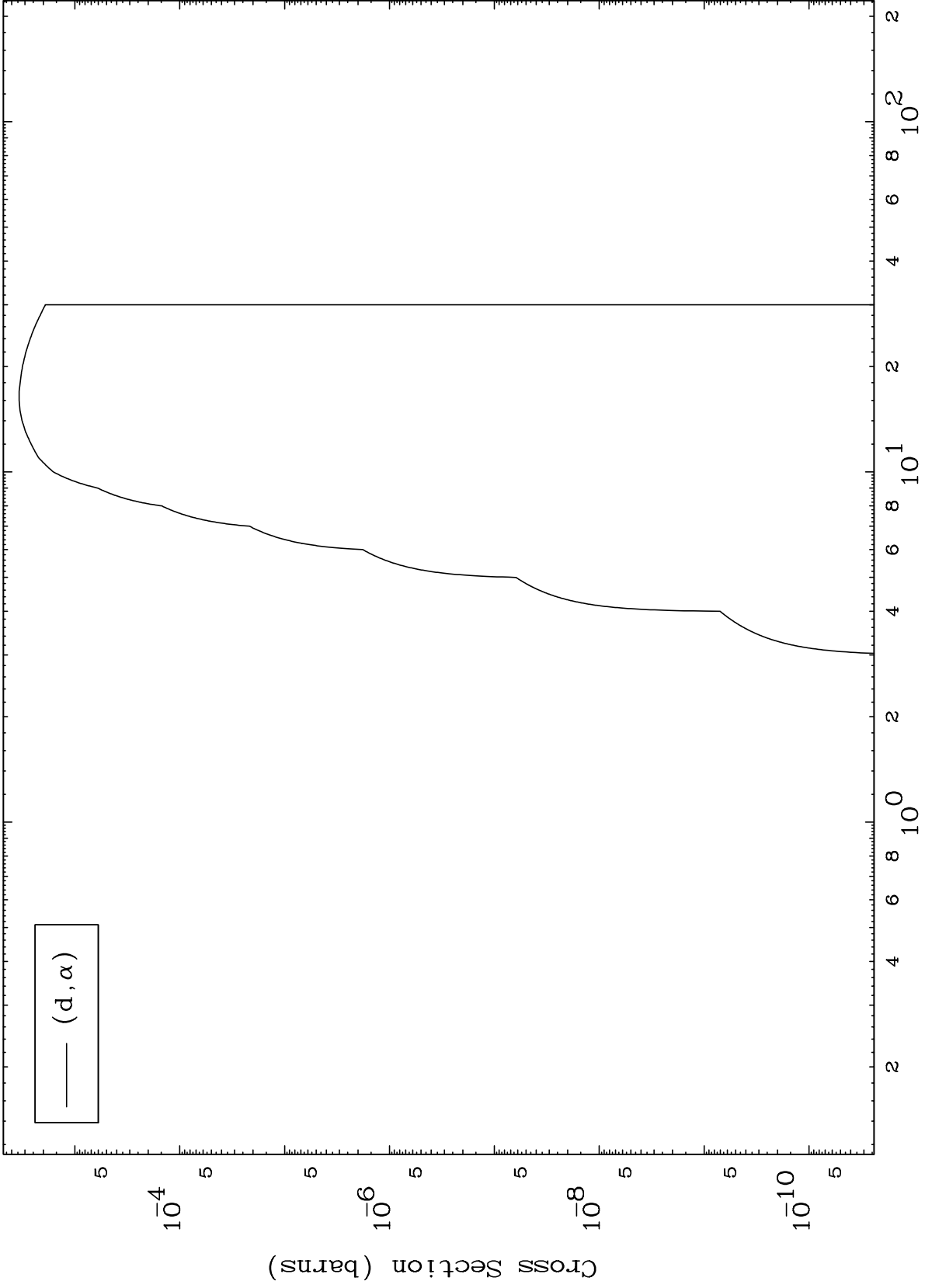


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Incident Energy (MeV)

77-Ir-191

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

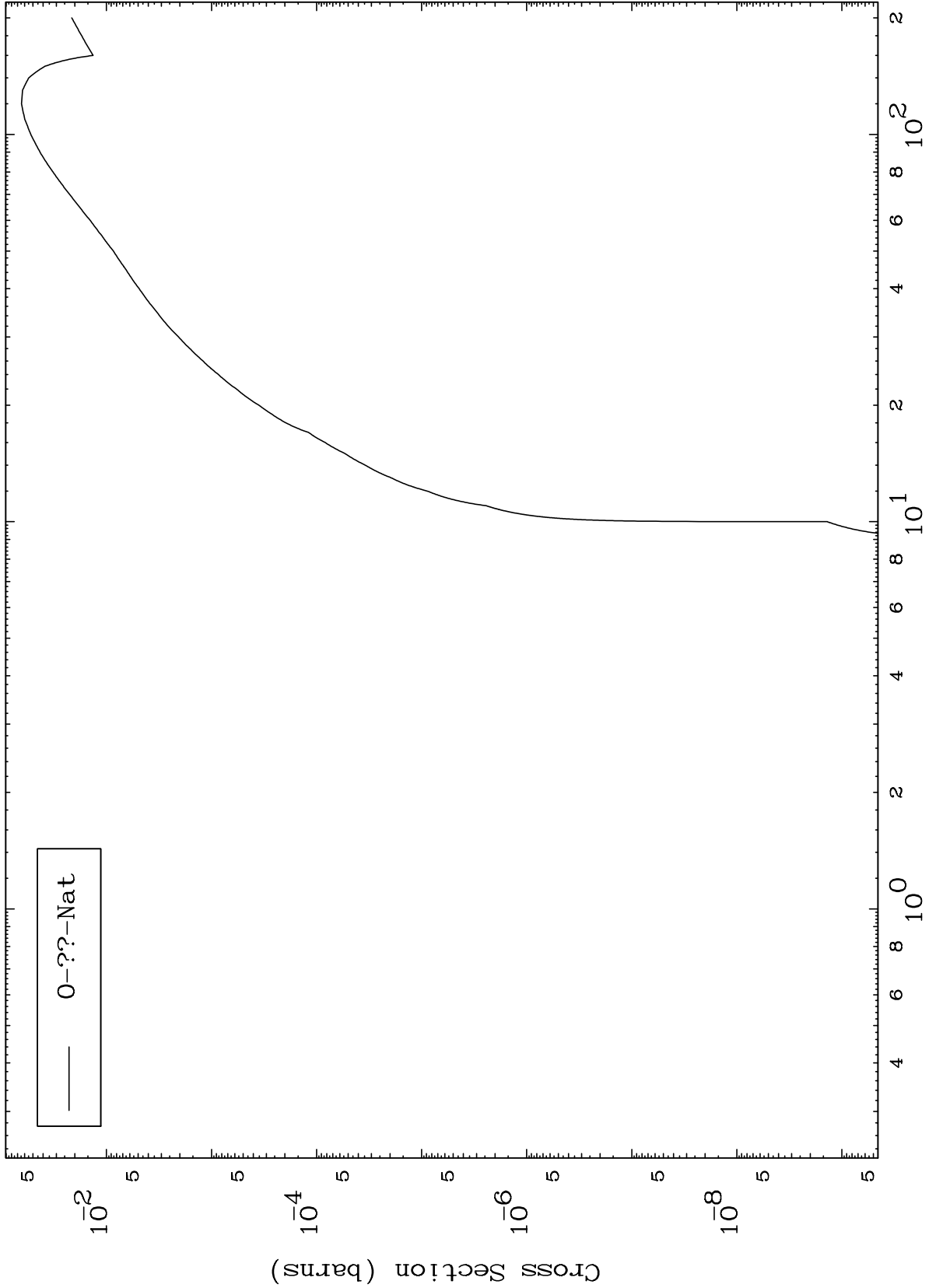


Incident Energy (MeV)

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77-Ir-191

Deuteron Fission  
Radionuclide Production Cross Section



77-Ir-191

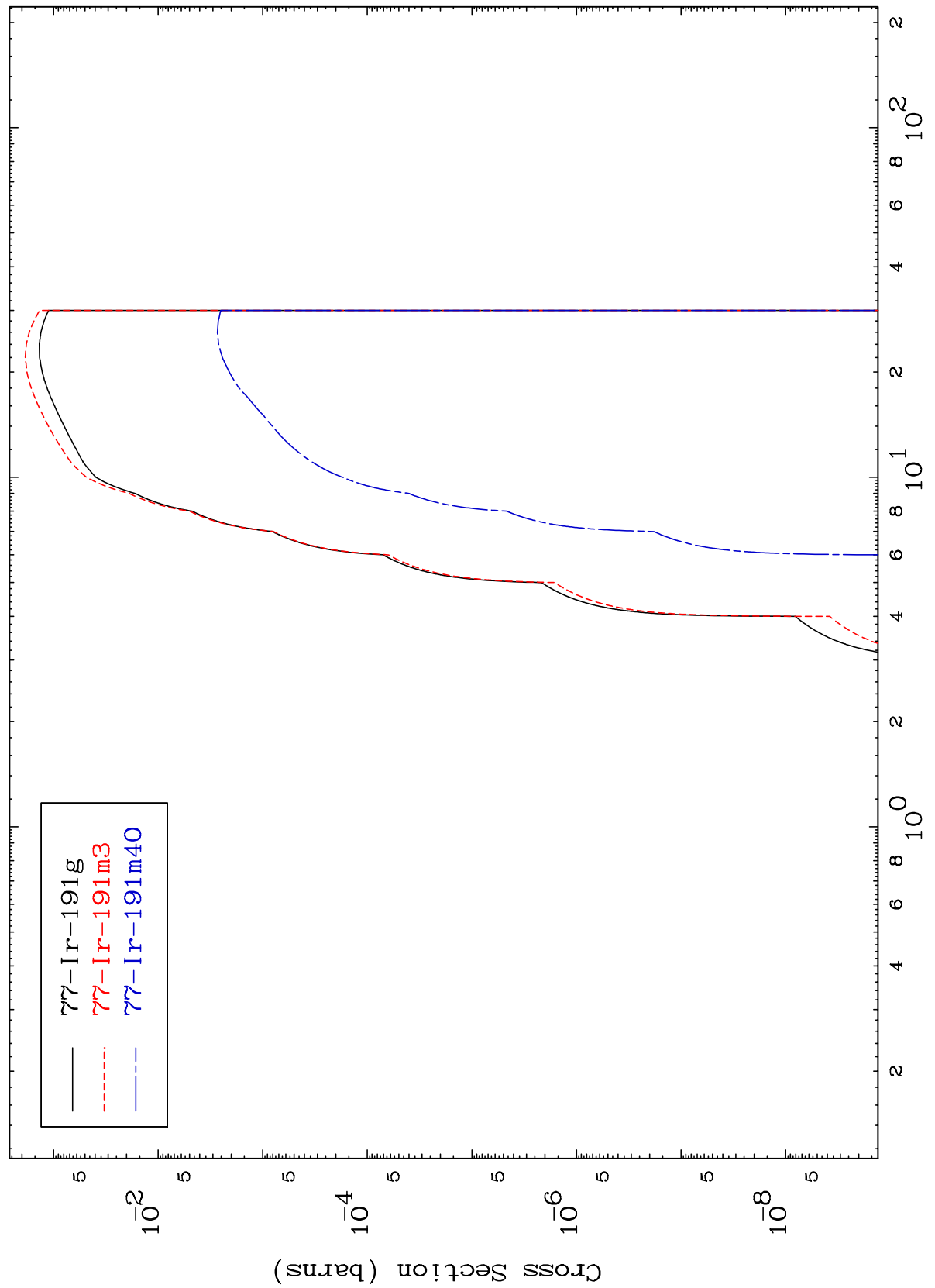
Incident Energy (MeV)

MAT 7727

77-Ir-191

(d,n') p

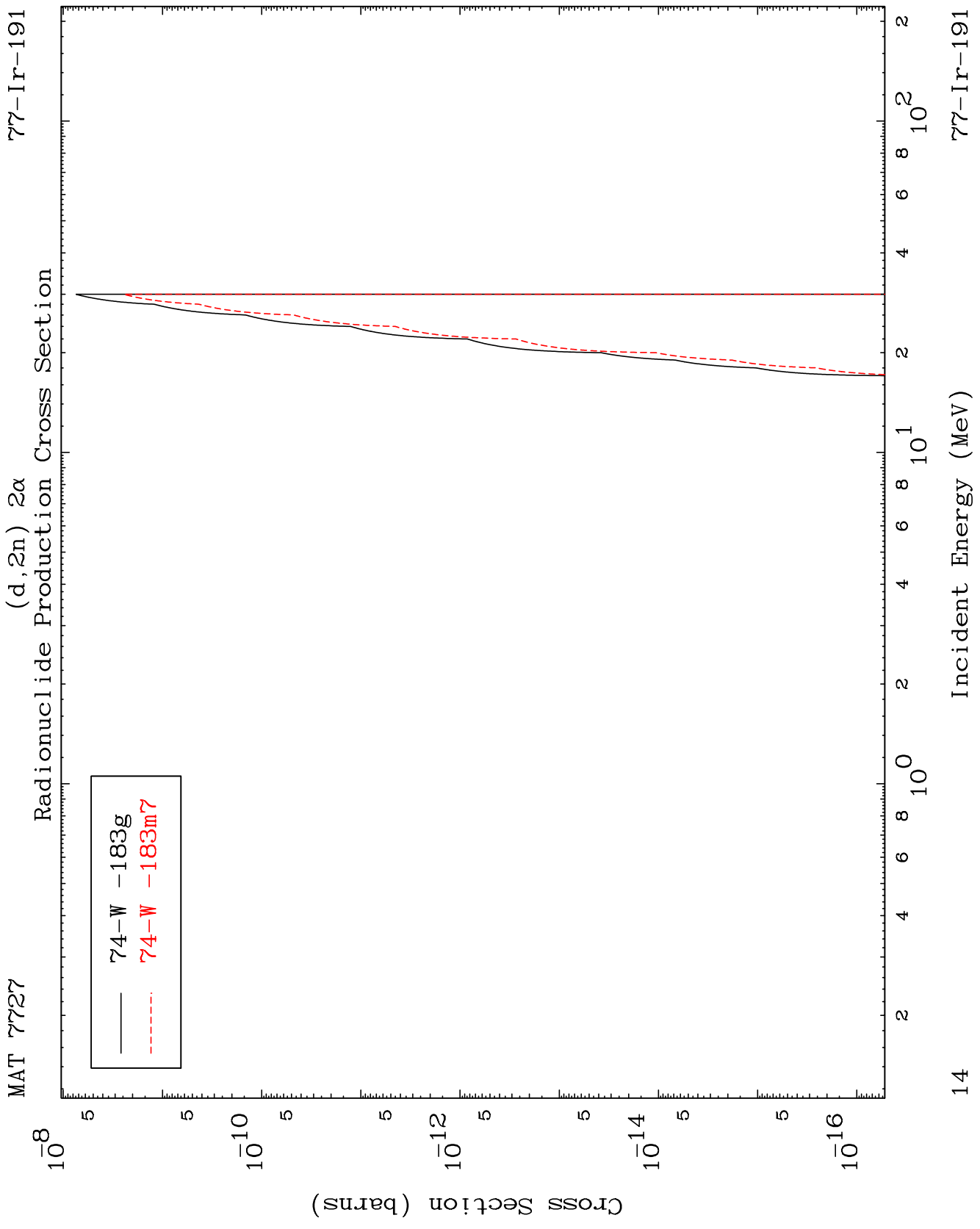
Radionuclide Production Cross Section



77-Ir-191

Incident Energy (MeV)

13

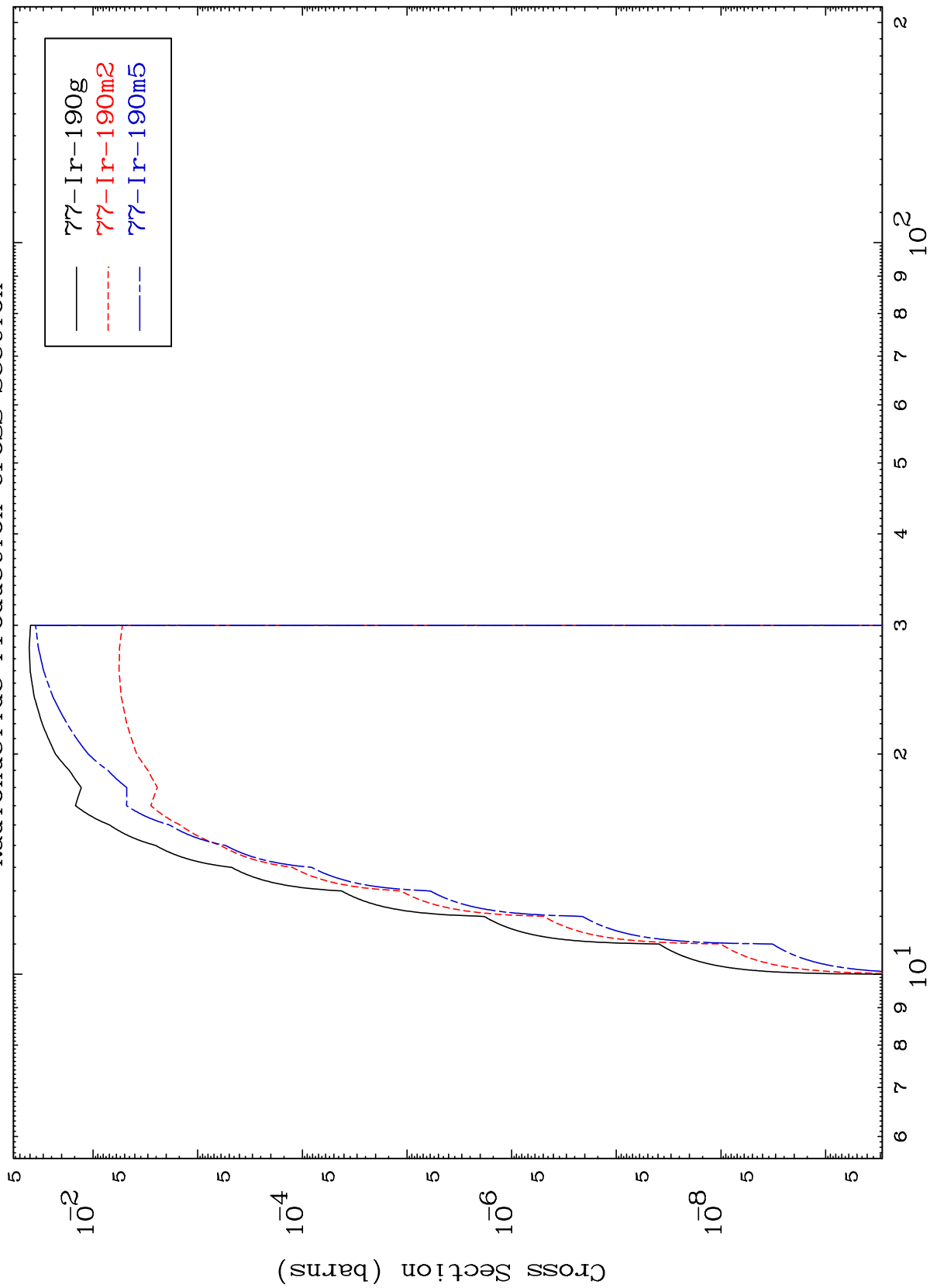


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(d,n') d

77-Ir-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

77-Ir-191

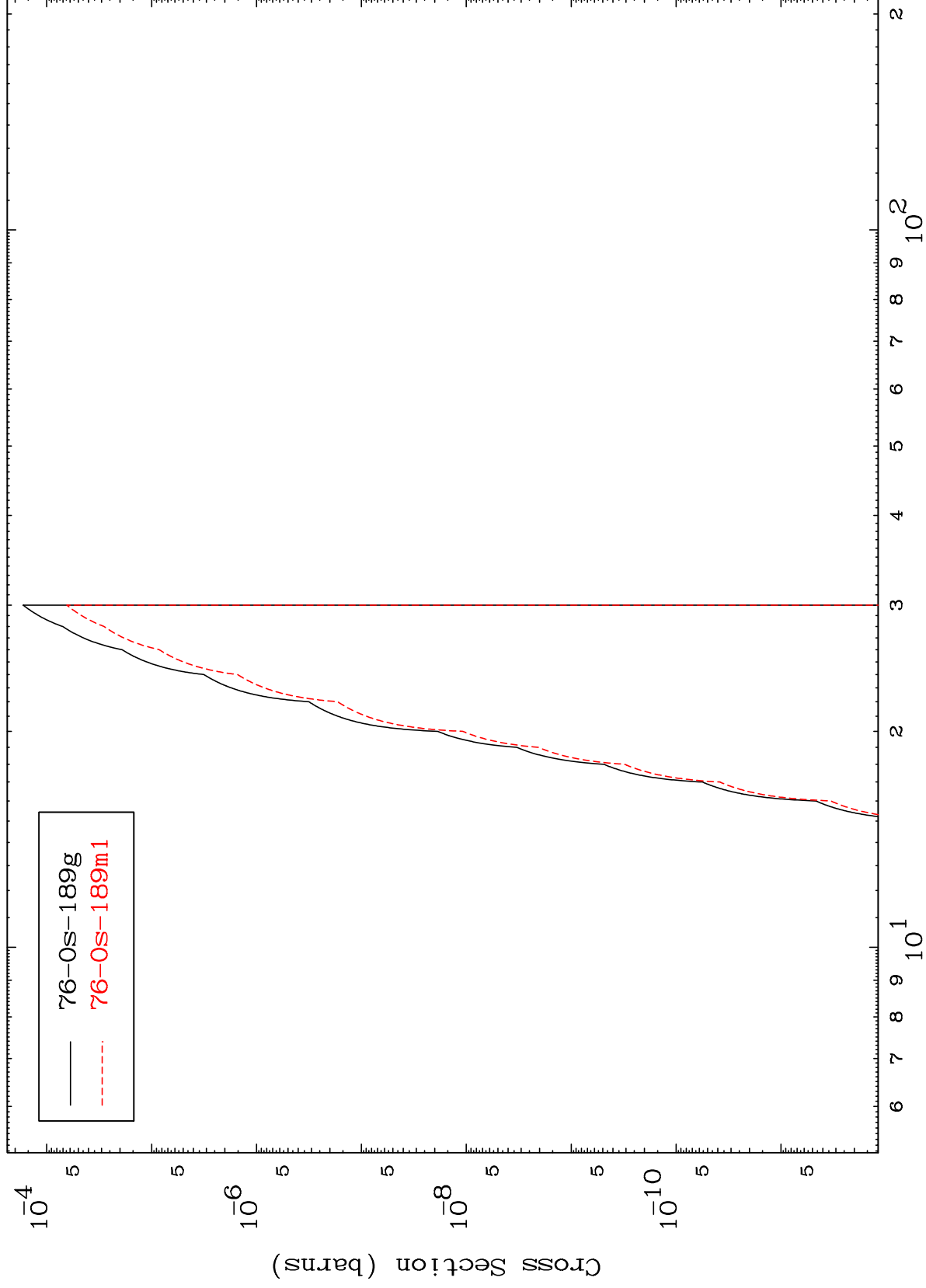


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(d,n') He-3

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



16

Incident Energy (MeV)

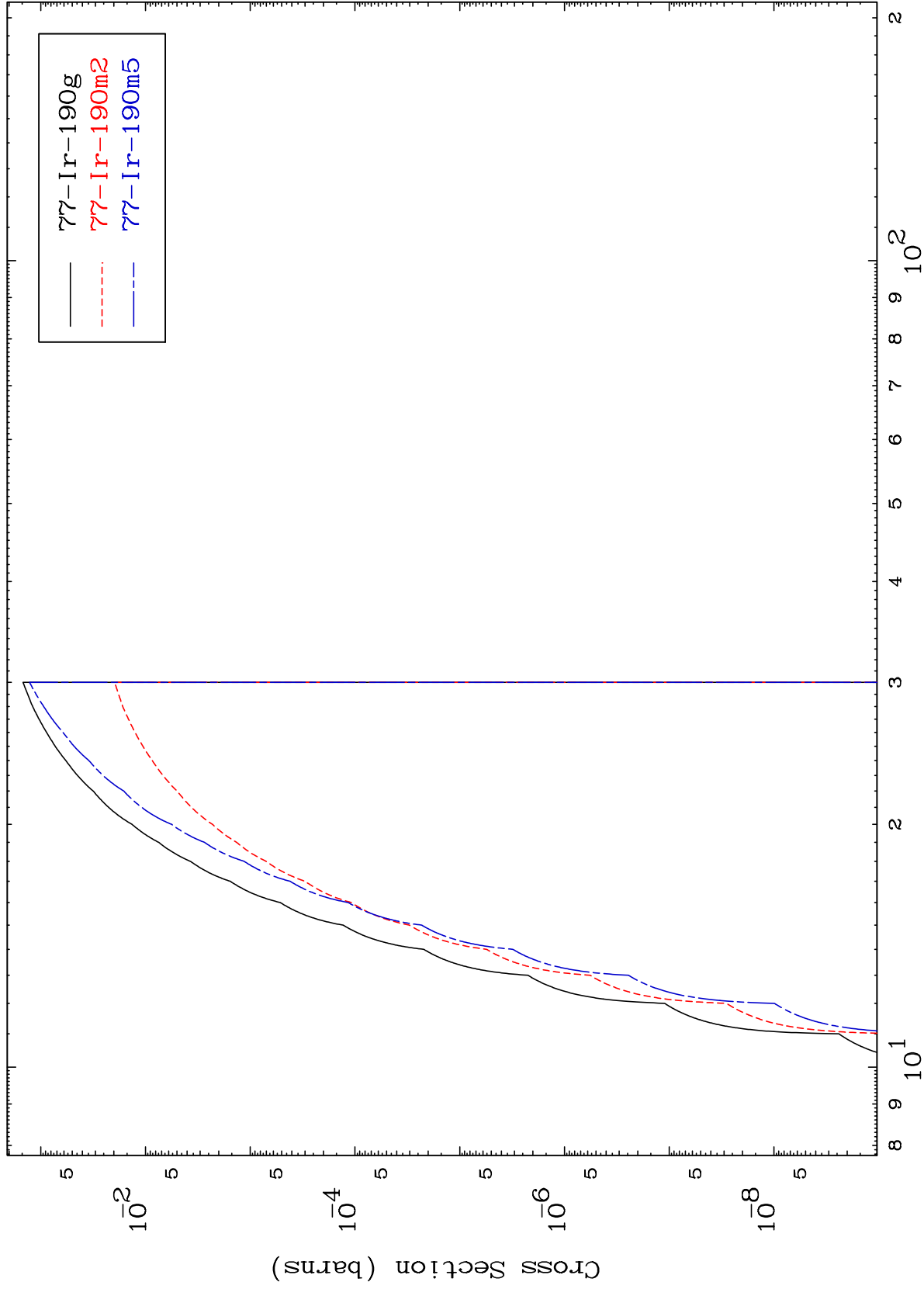
<sup>77</sup>Ir-191

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77-Ir-191

(d,2n) p

Radionuclide Production Cross Section



17

Incident Energy (MeV)

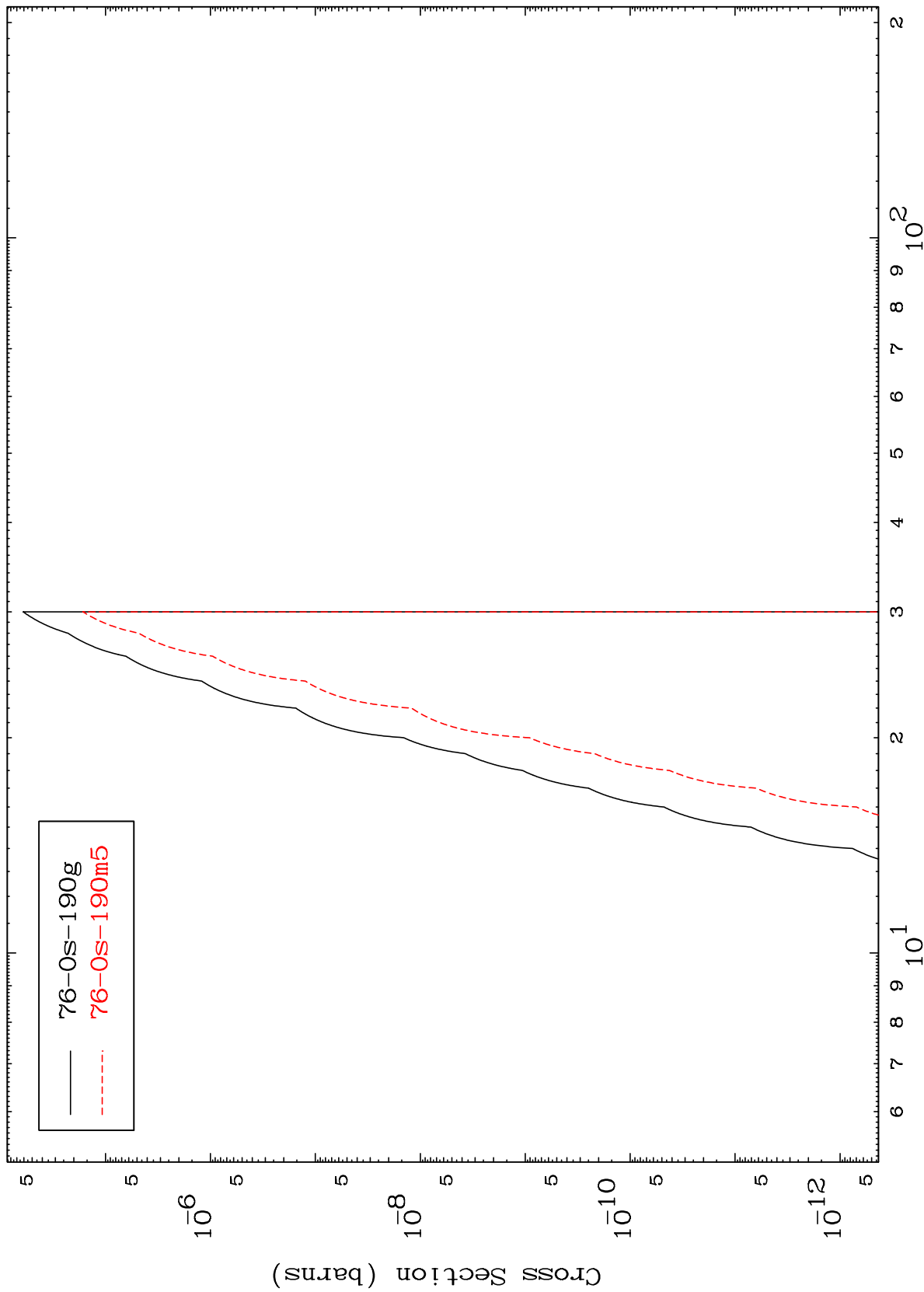
77-Ir-191

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$^{76}\text{Os-190g}$  (d,2n) p

$^{77}\text{Ir-191}$

Radionuclide Production Cross Section



18

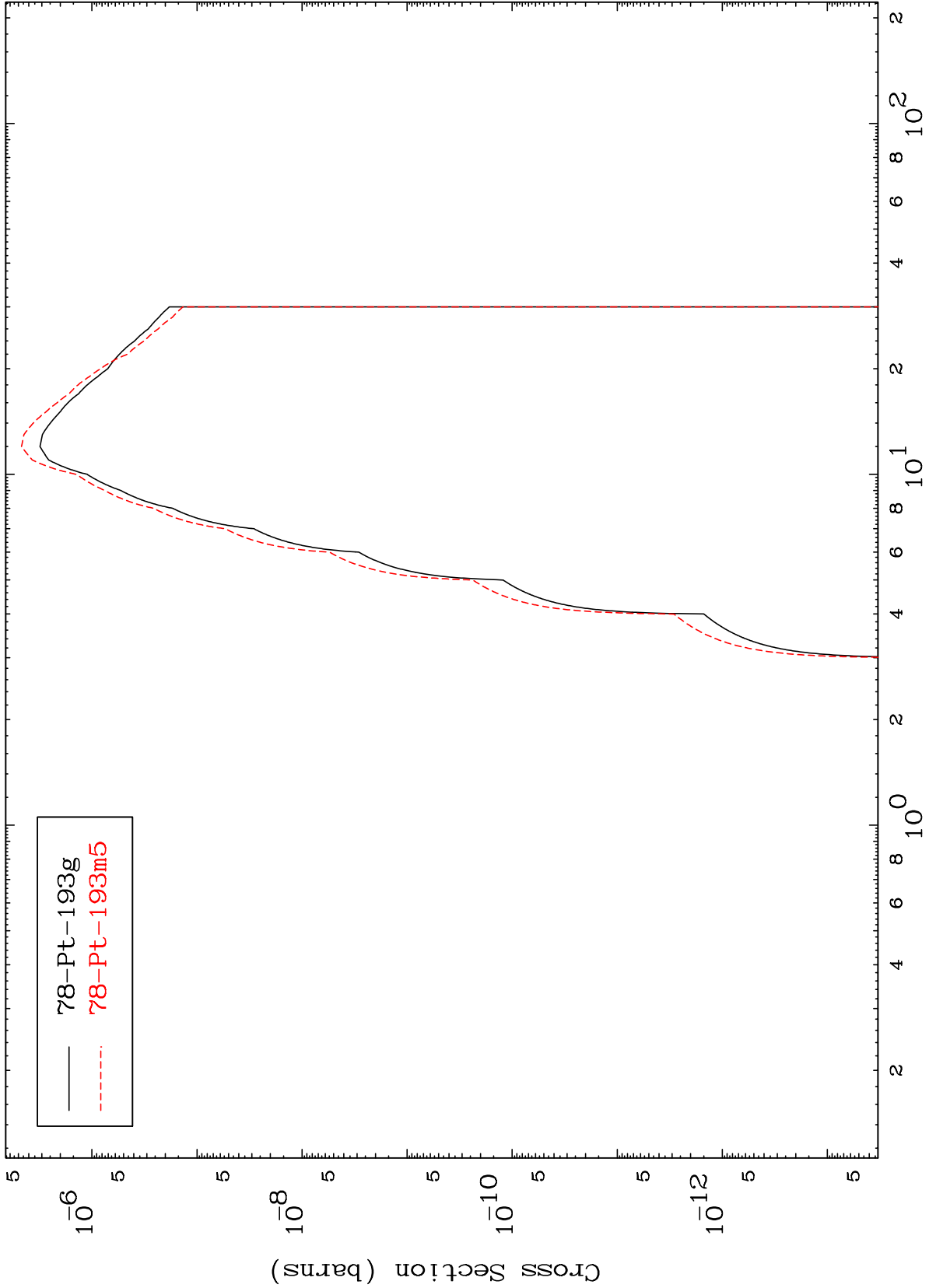
Incident Energy (MeV)

$^{77}\text{Ir-191}$

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77-Ir-191

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



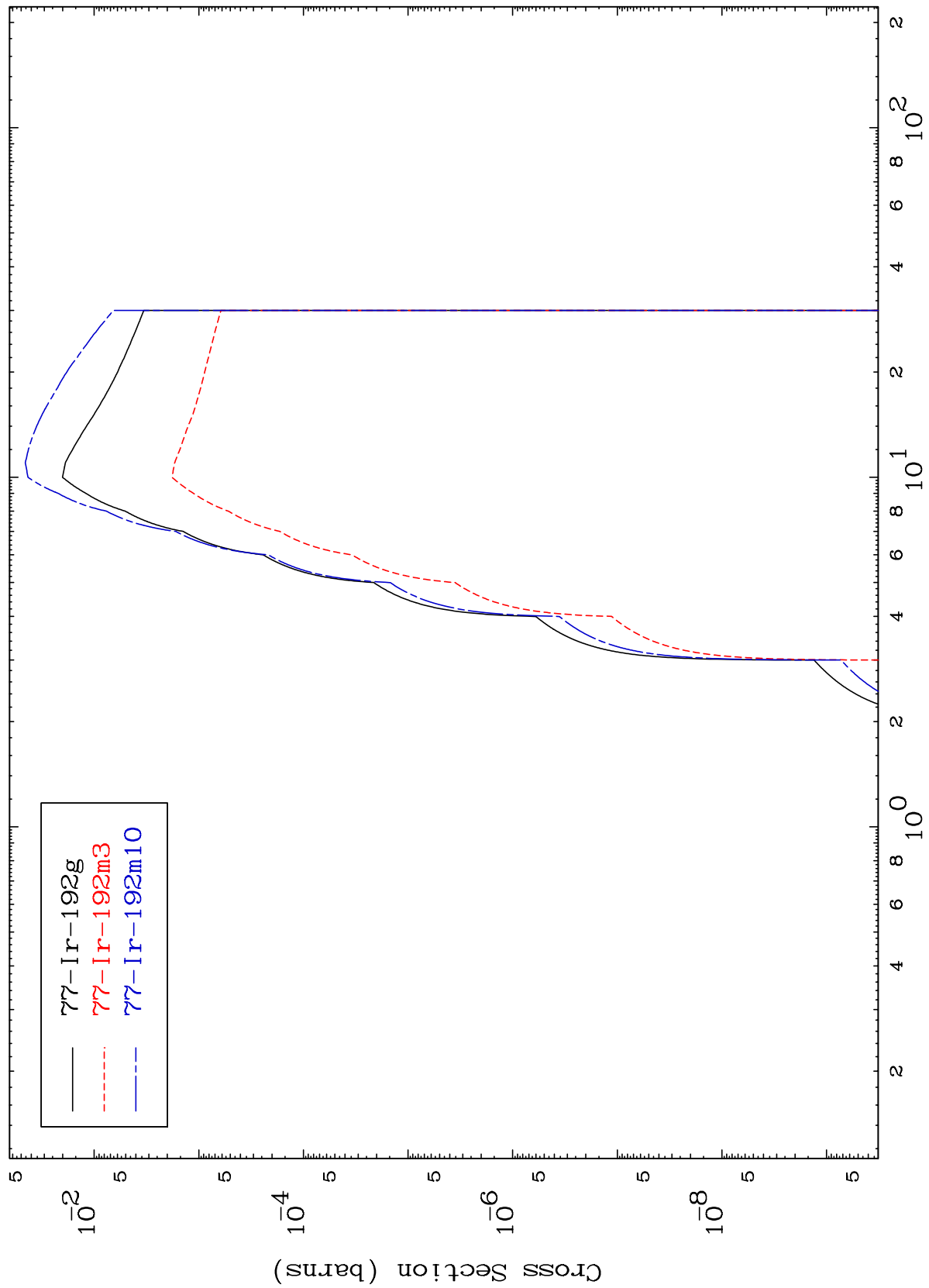
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77-Ir-191

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<sup>77</sup>Ir-191

(d,p)  
Radionuclide Production Cross Section



Legend:  
— <sup>77</sup>Ir-192g  
- - <sup>77</sup>Ir-192m3  
- - <sup>77</sup>Ir-192m10

<sup>77</sup>Ir-191

Incident Energy (MeV)

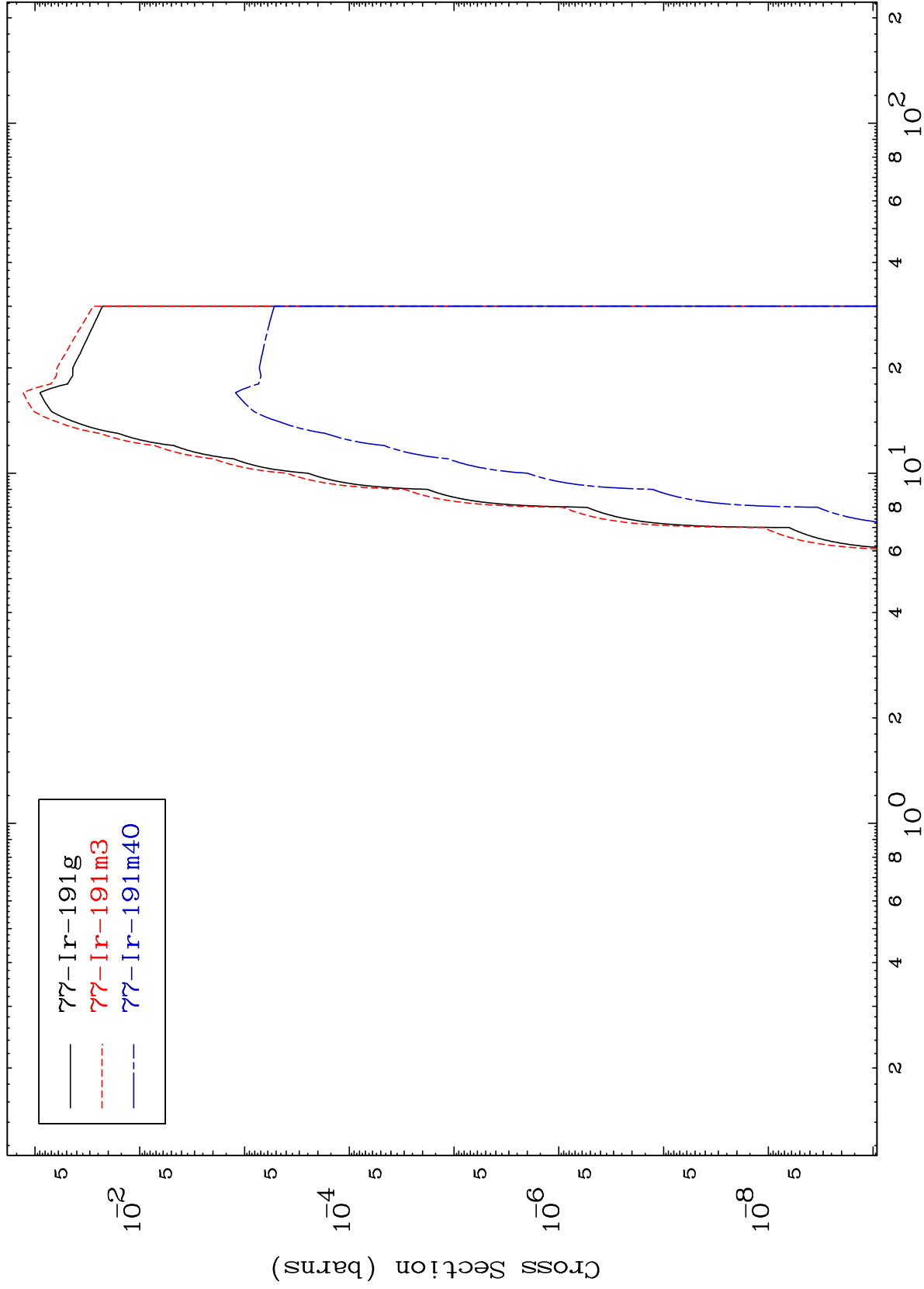
20

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(d,d)

<sup>77</sup>Ir-191

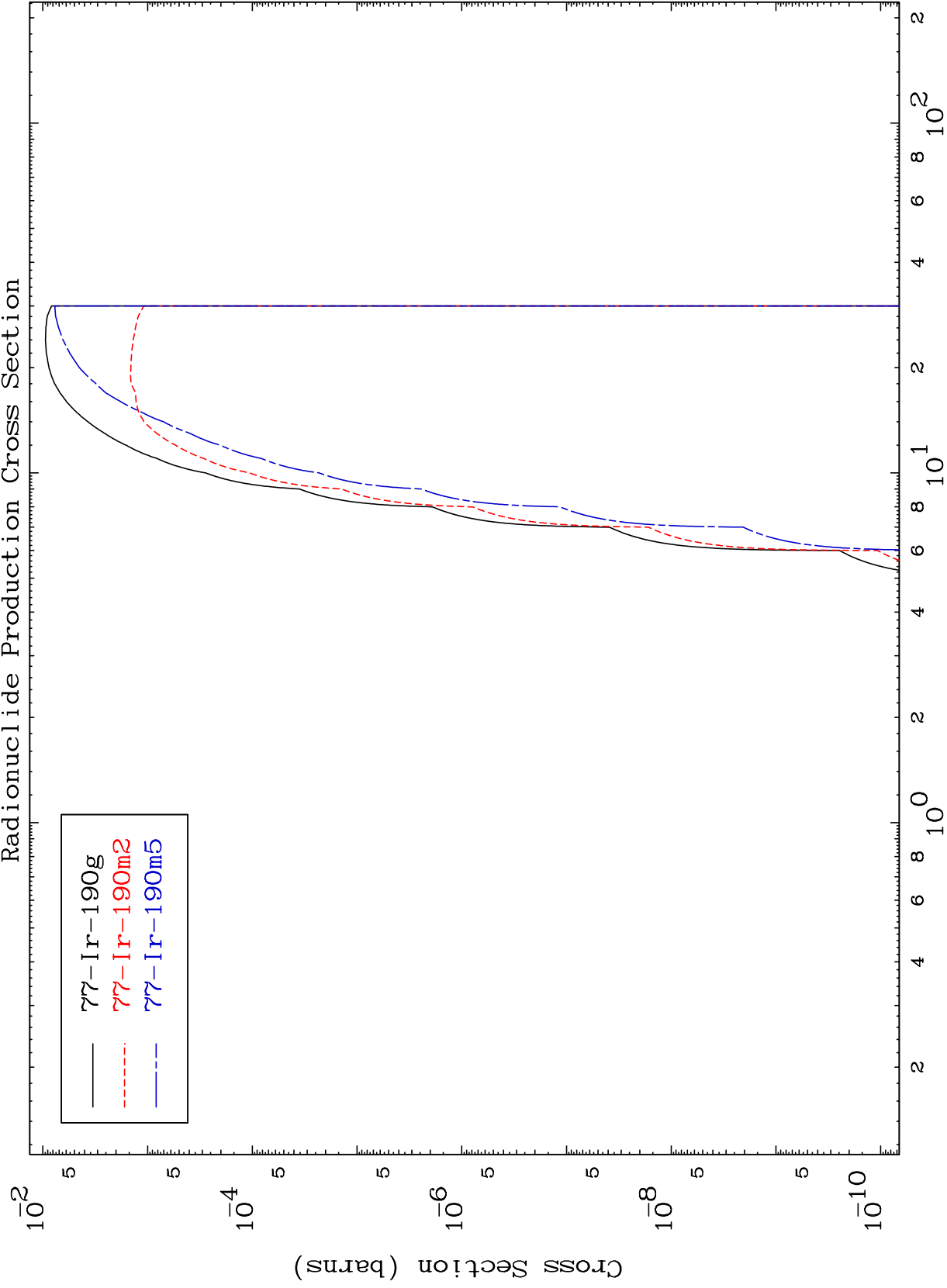
Radionuclide Production Cross Section



MAT 7727

<sup>77</sup>Ir-191

Radionuclide Production Cross Section  
(d, t)



<sup>77</sup>Ir-191

Incident Energy (MeV)

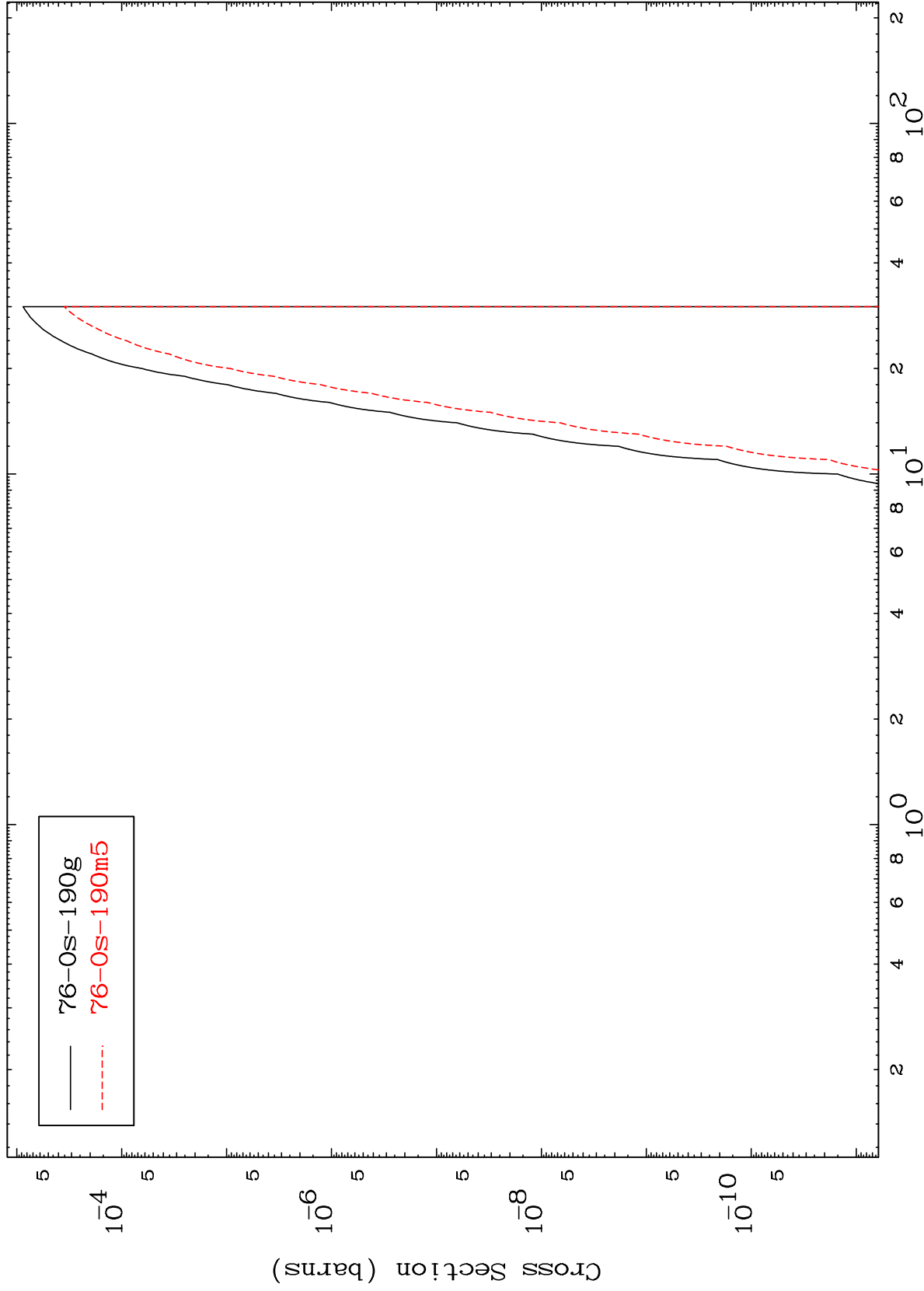
22

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(d,He-3)

77-Ir-191

Radionuclide Production Cross Section



23

Incident Energy (MeV)

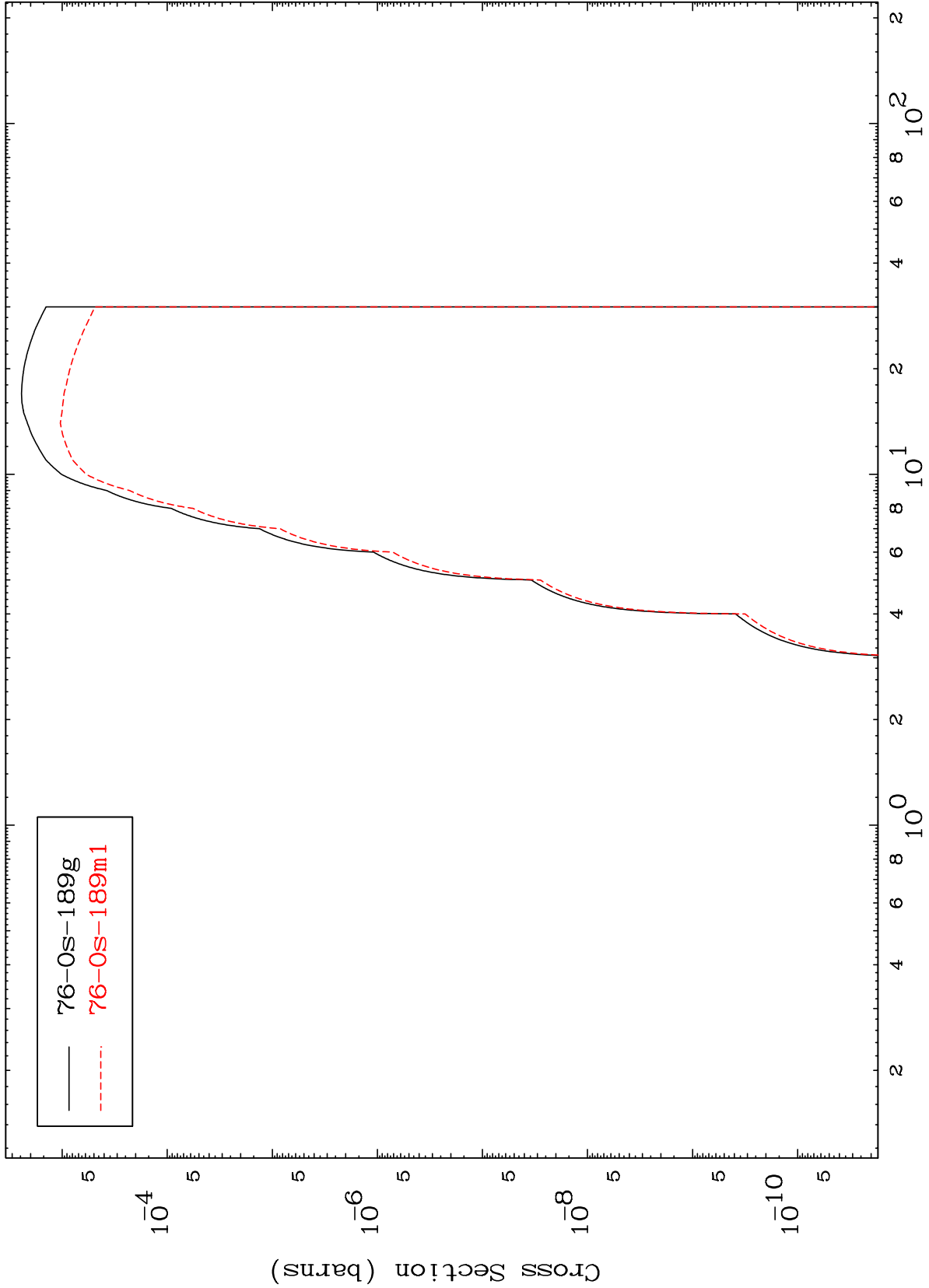
77-Ir-191



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77-Ir-191

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



77-Ir-191

Incident Energy (MeV)

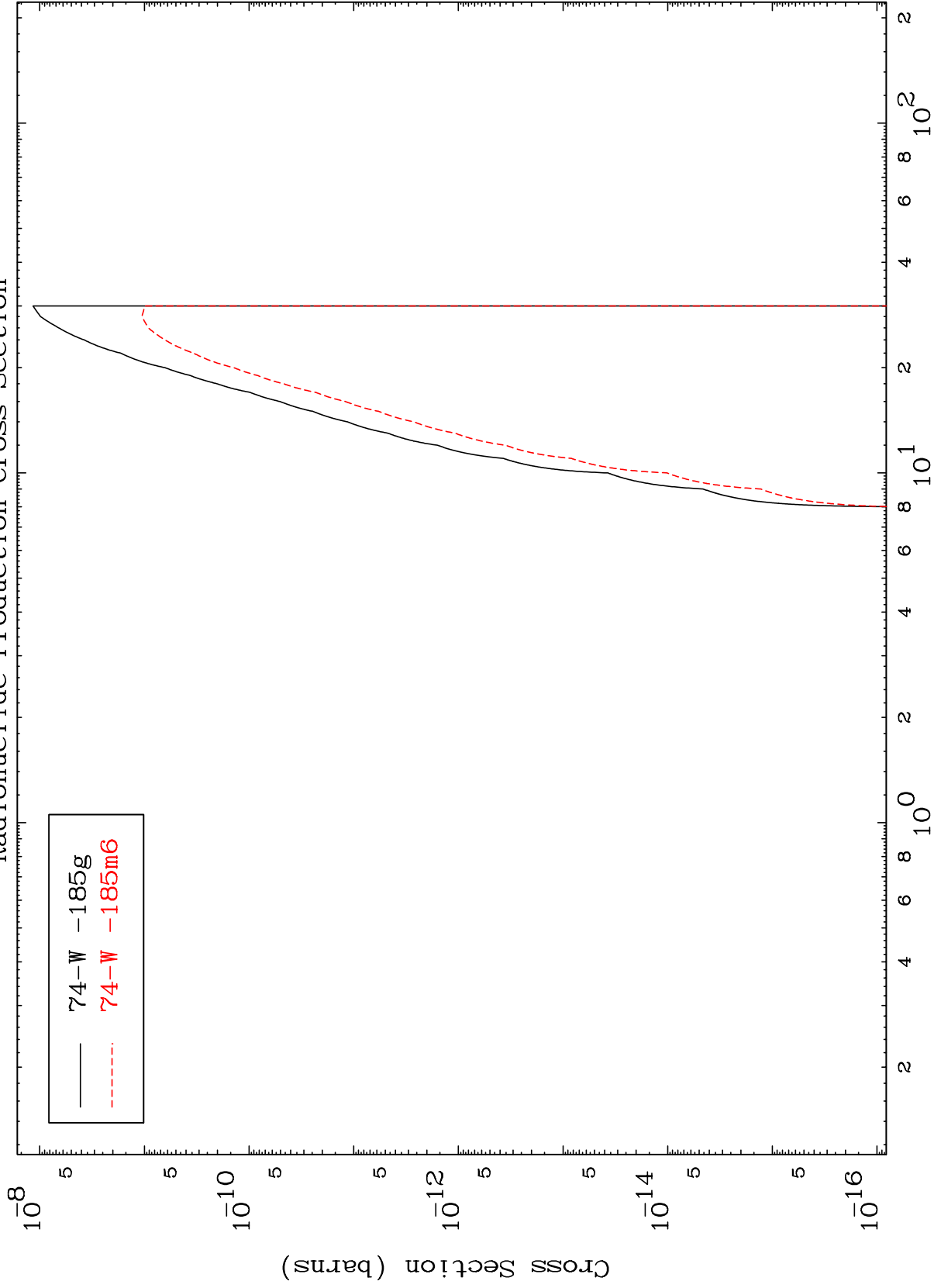
24

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(d,2 $\alpha$ )

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



25

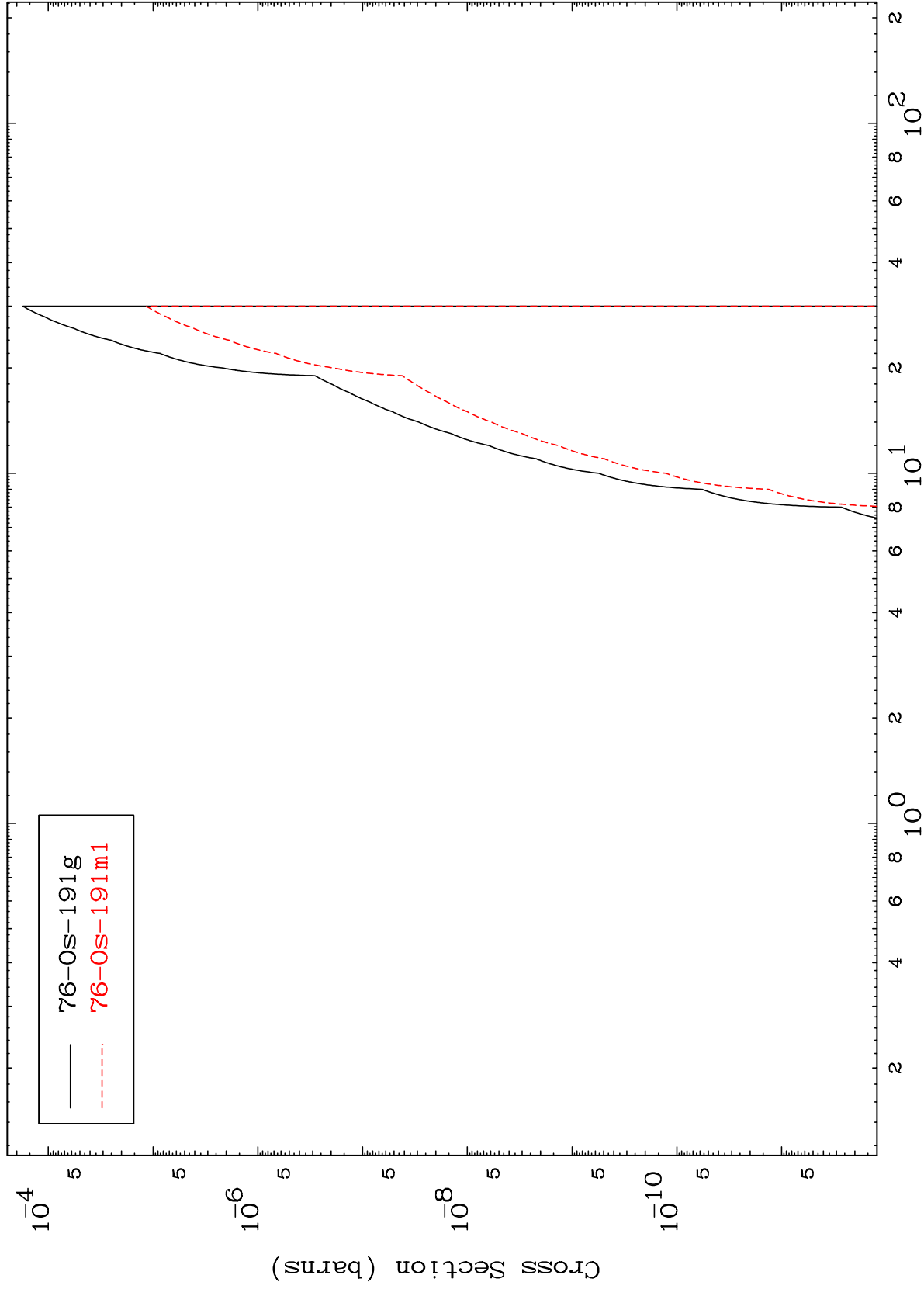
Incident Energy (MeV)

<sup>77</sup>Ir-191

MAT 7727

77-Ir-191

(d,2p)  
Radionuclide Production Cross Section



77-Ir-191

Incident Energy (MeV)

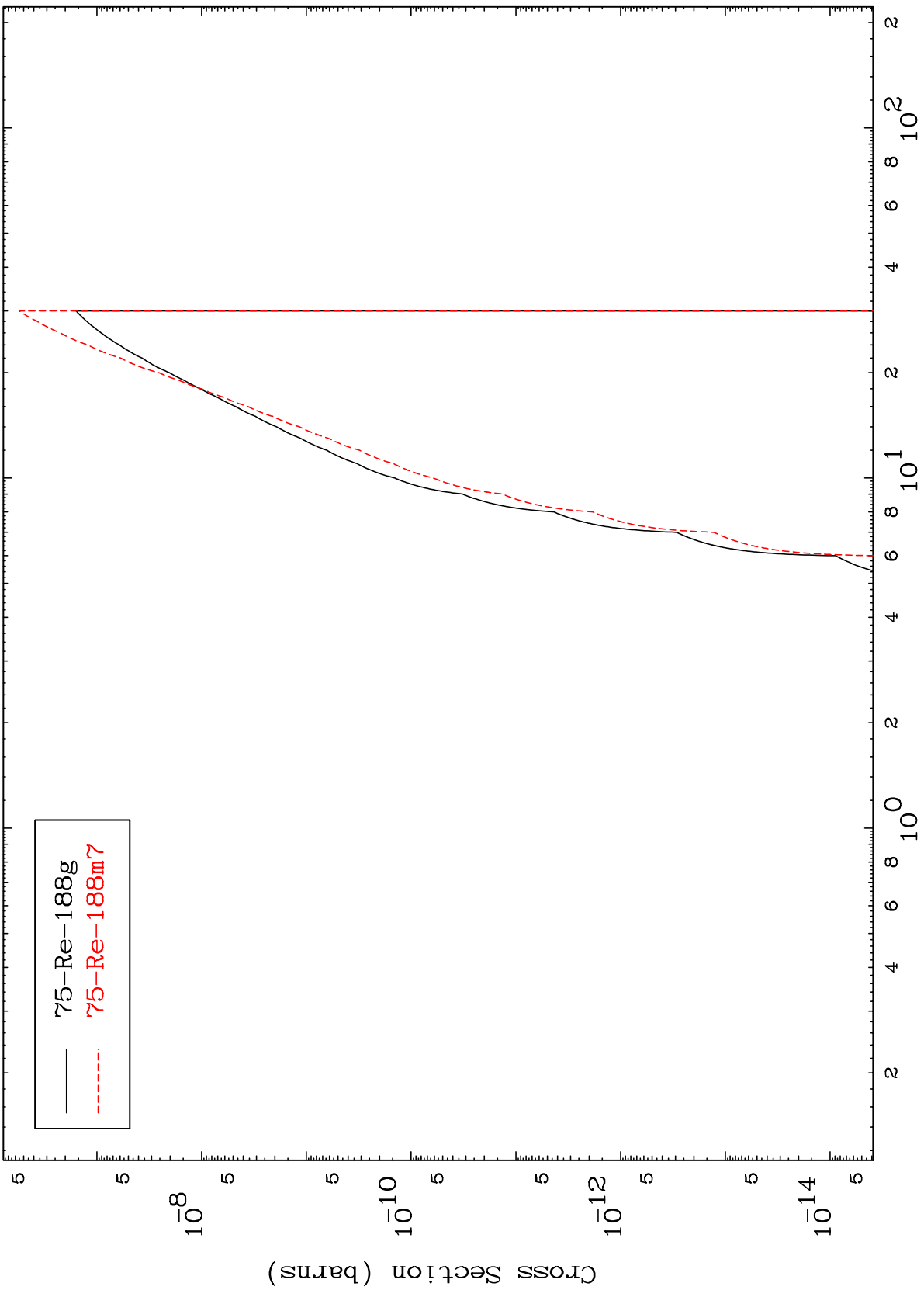
26

MAT 7727

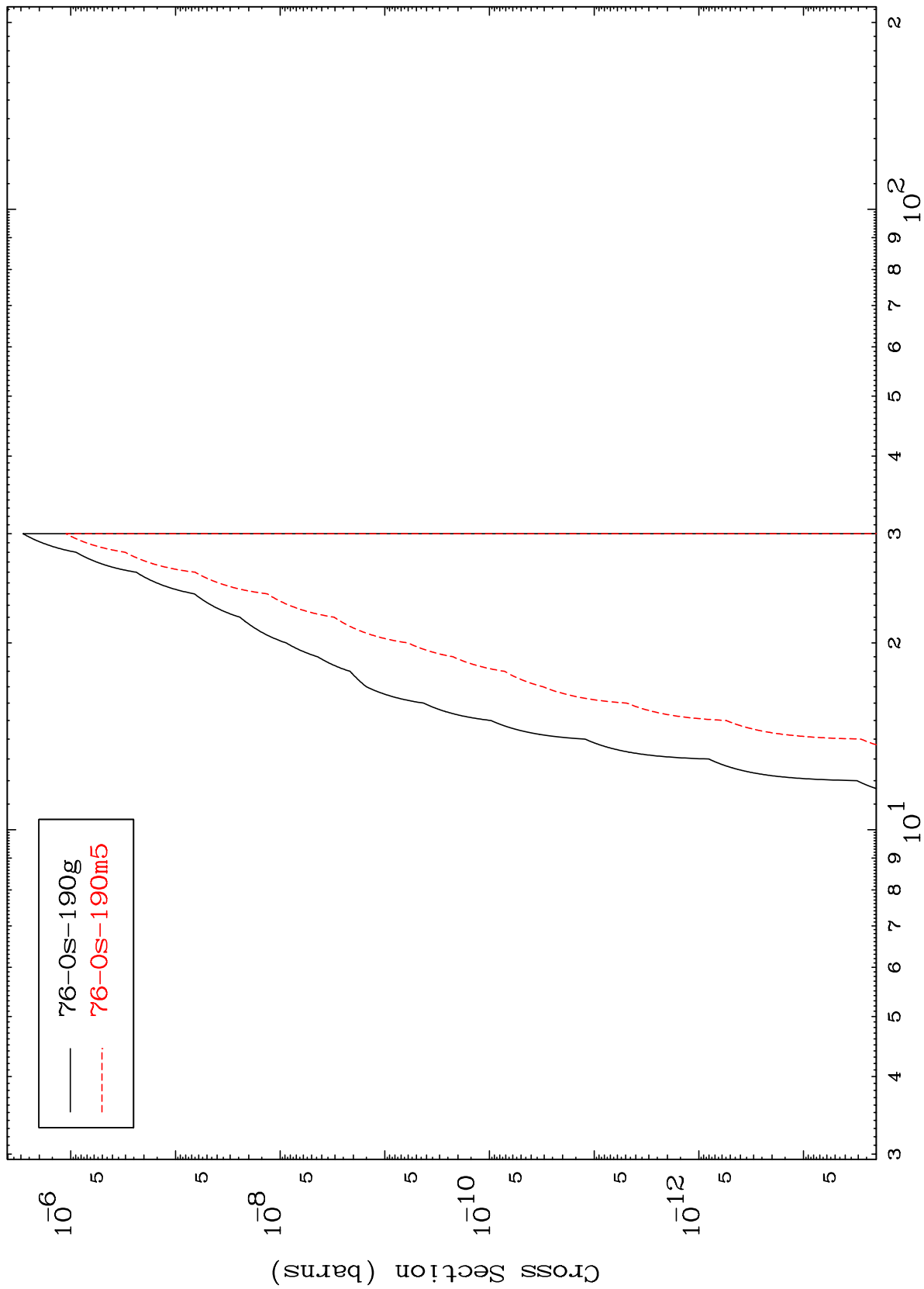
(d,p)  $\alpha$

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



Radionuclide Production Cross Section

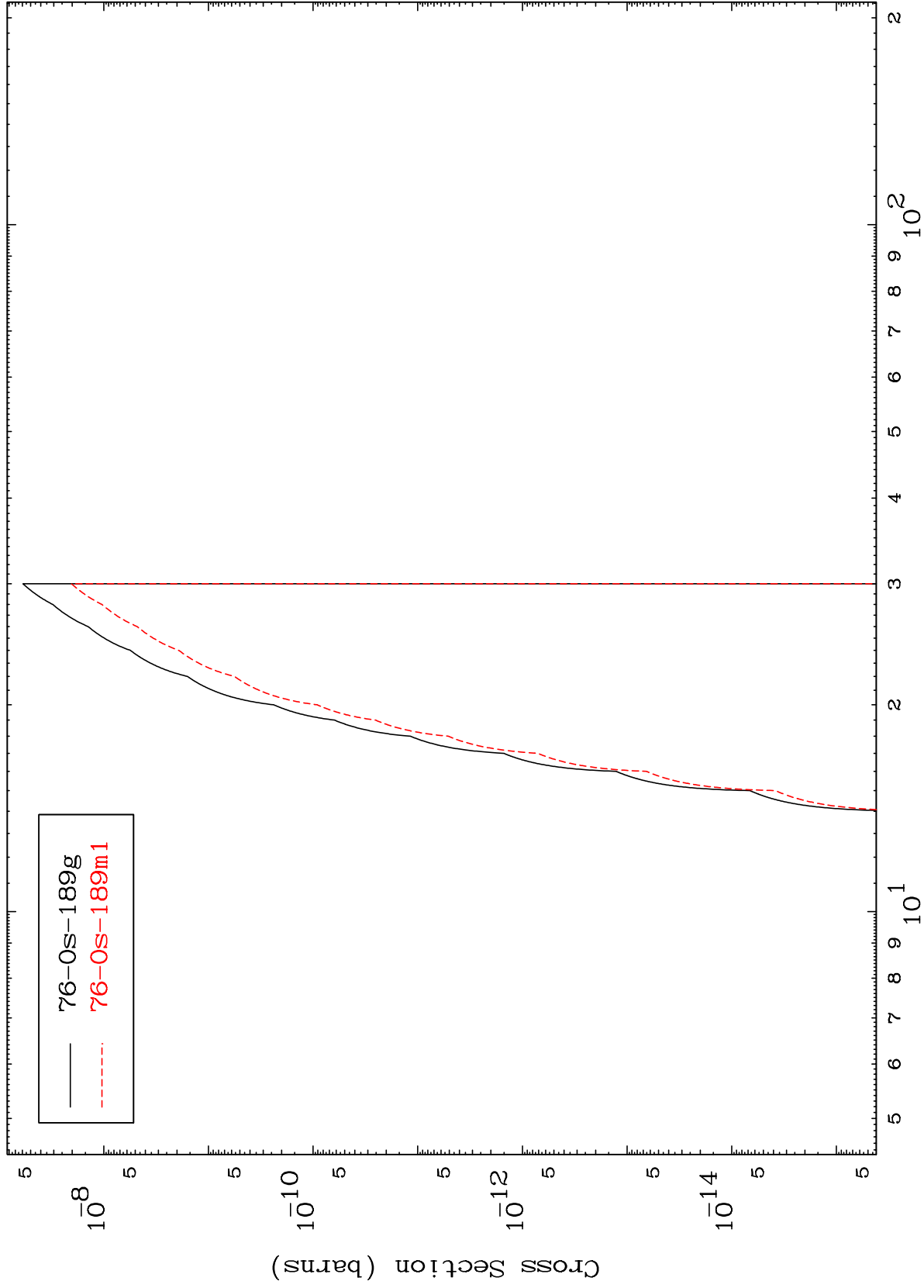


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(d,p) t

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



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Incident Energy (MeV)

<sup>77</sup>Ir-191