

Program EVALPLOT  
(Version 2021-1)

by

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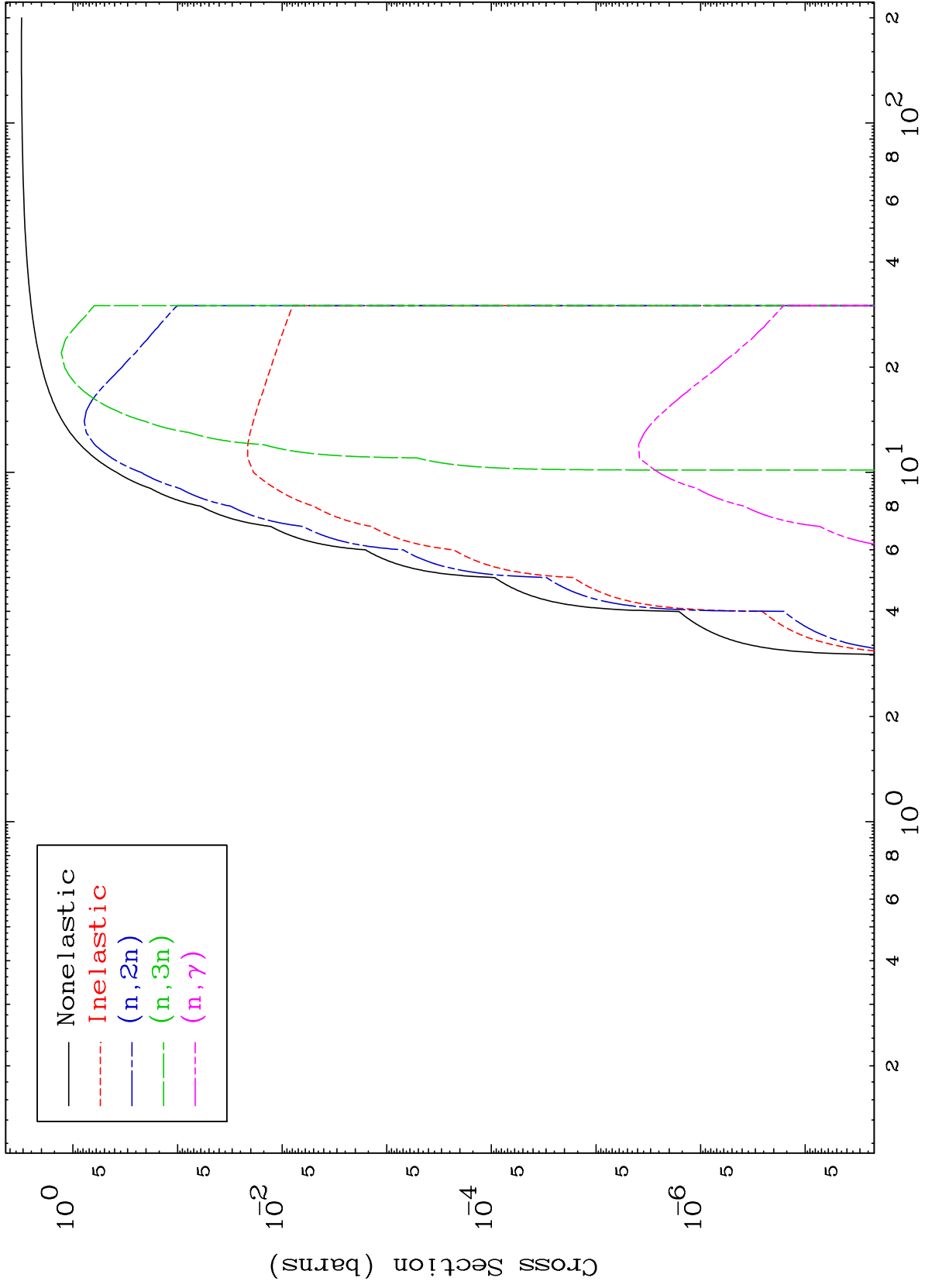
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7730

Deuteron Major  
0 Kelvin Cross Sections

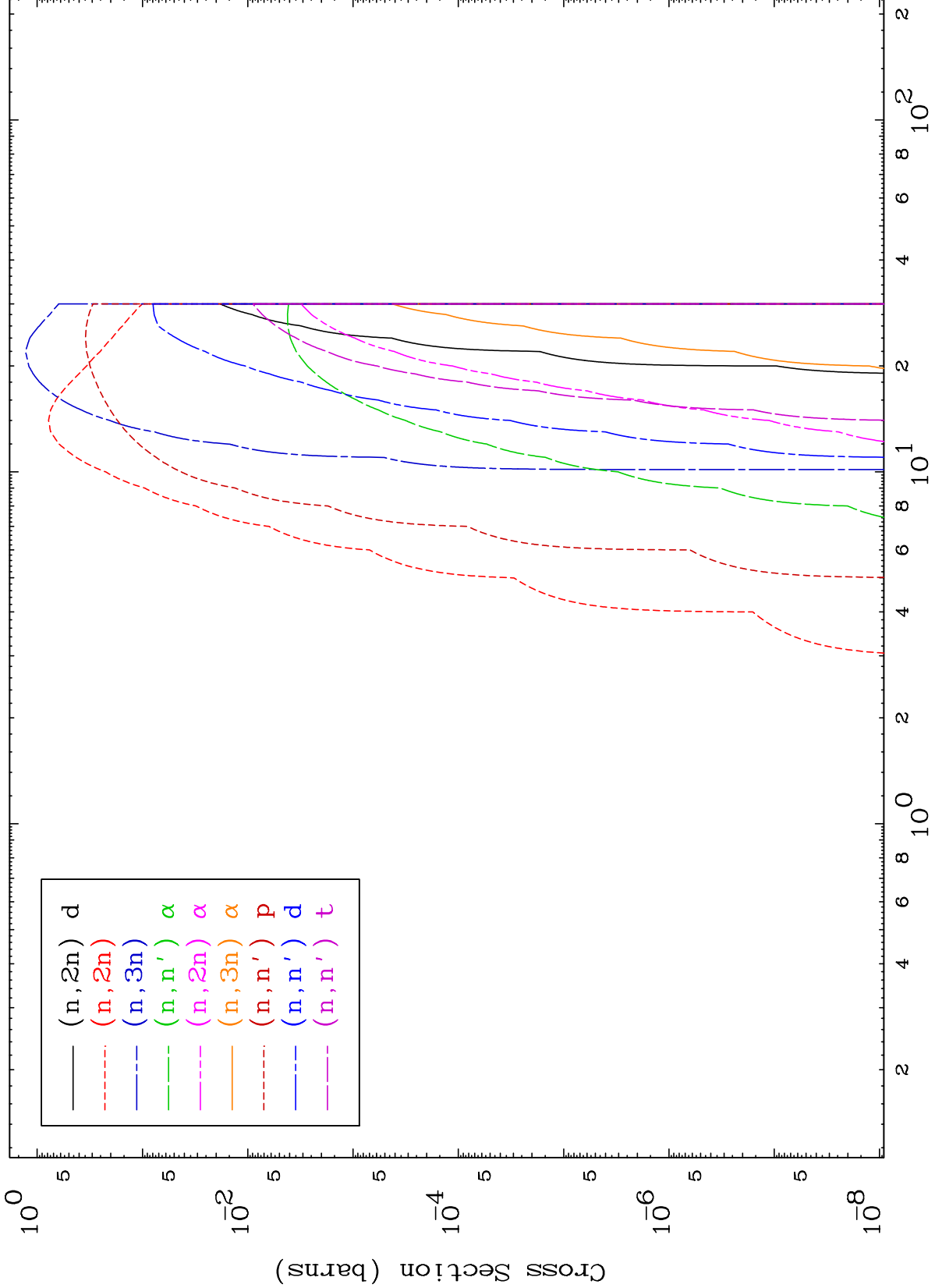
77-Ir-192n



MAT 7730

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-192n



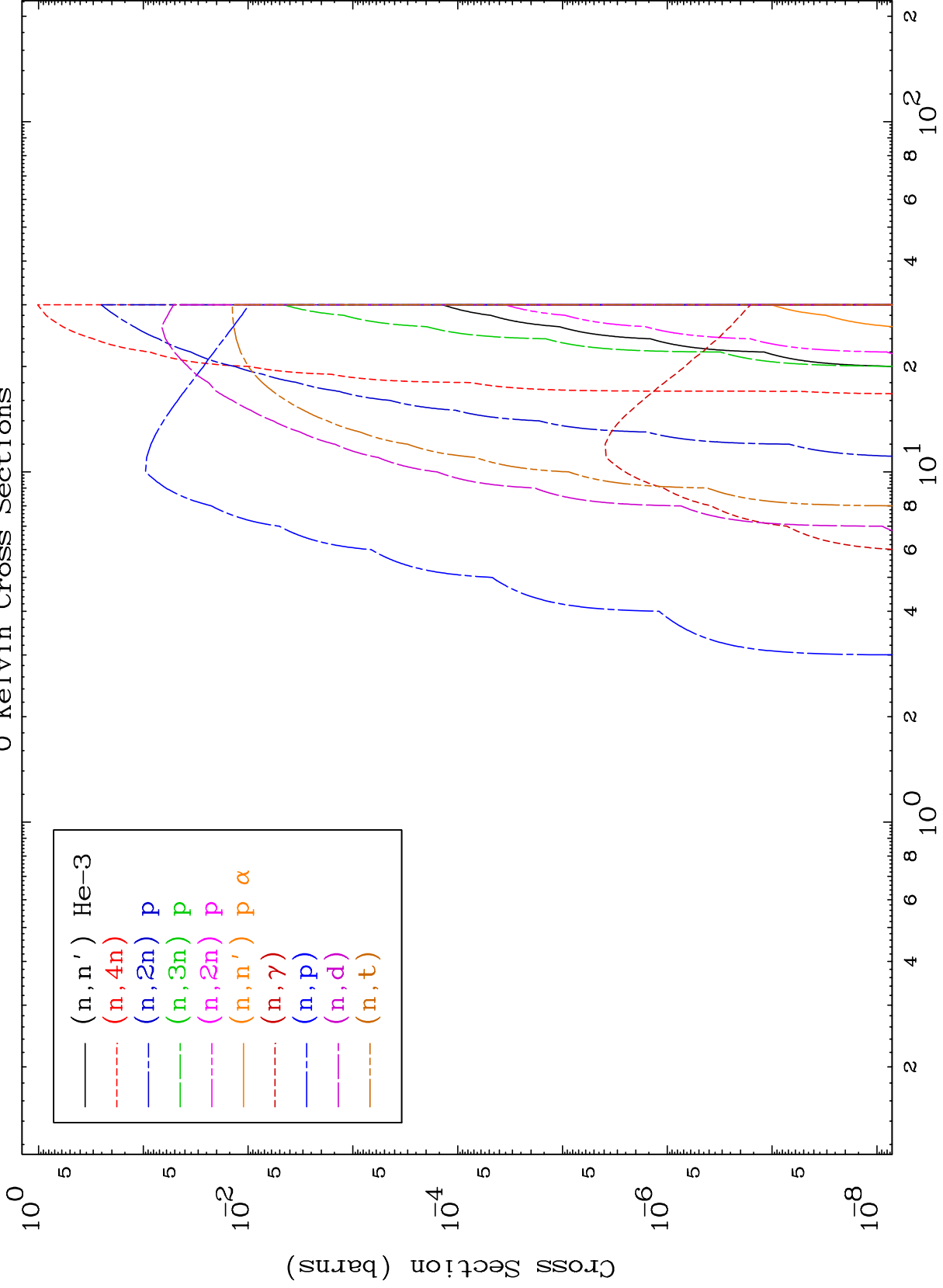
Incident Energy (MeV)

77-Ir-192n

MAT 7730

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

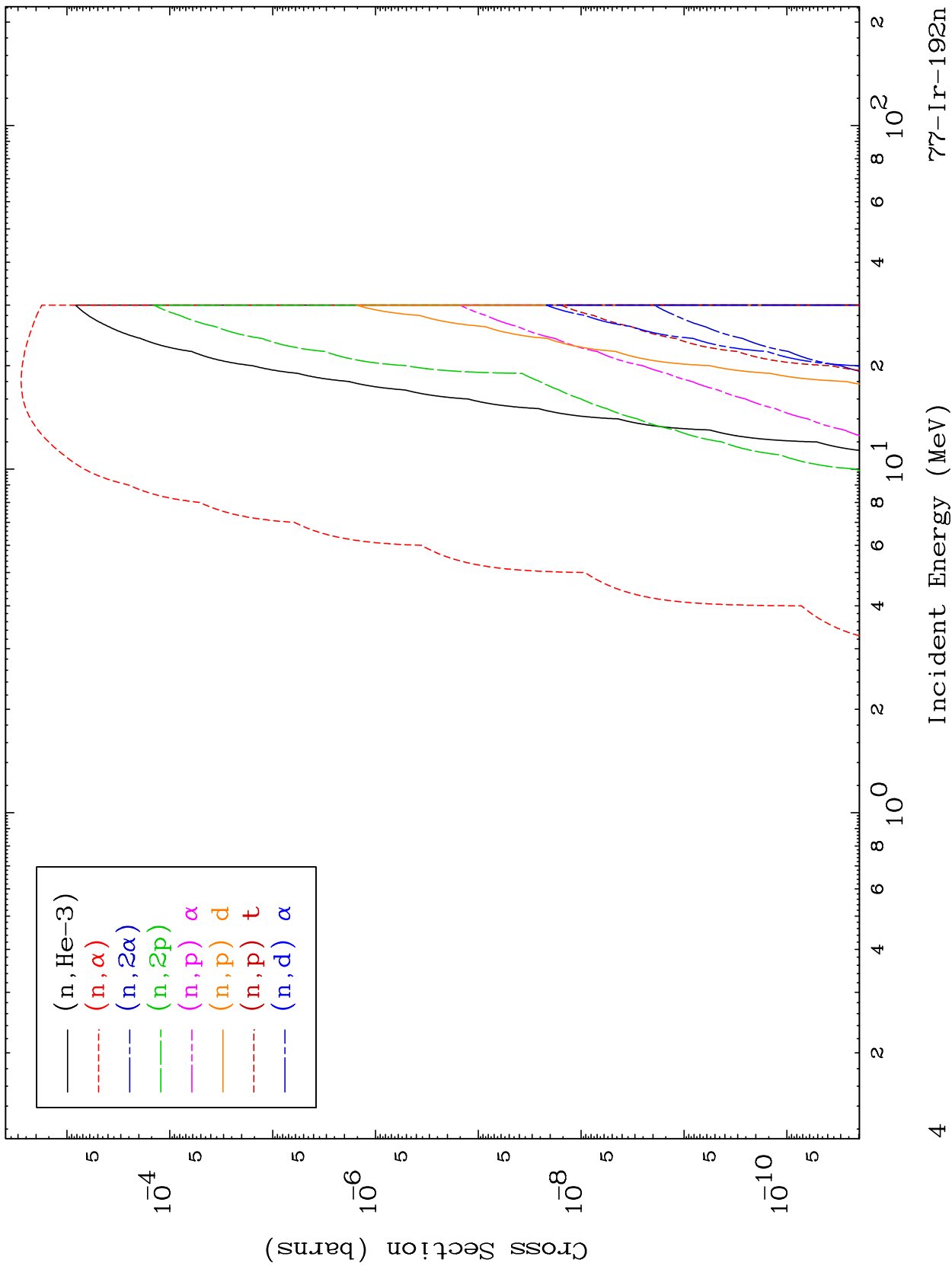
77-Ir-192n



MAT 7730

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-192n

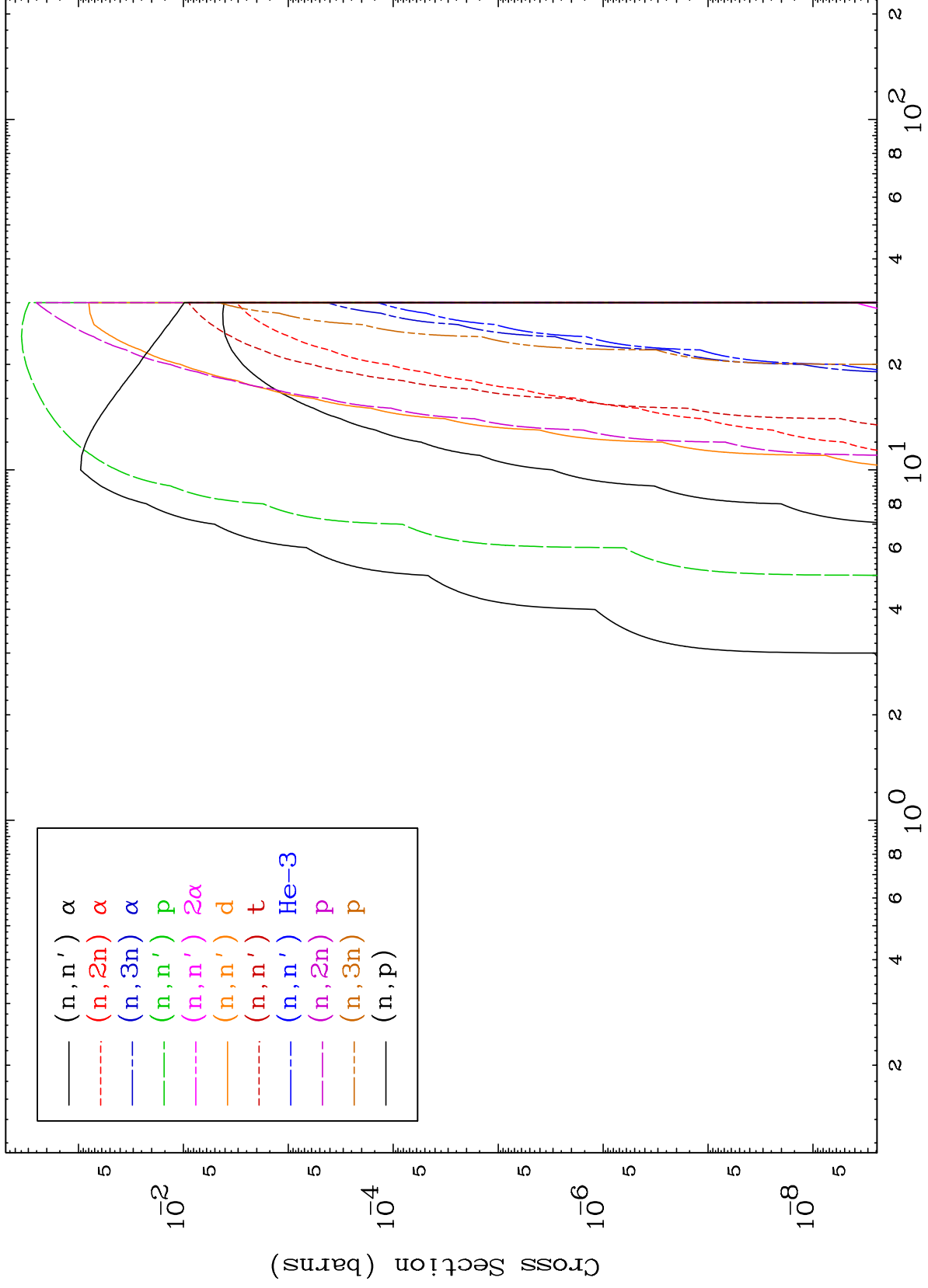


77-Ir-192n

MAT 7730

Deuteron Charged Particle  
0 Kelvin Cross Sections

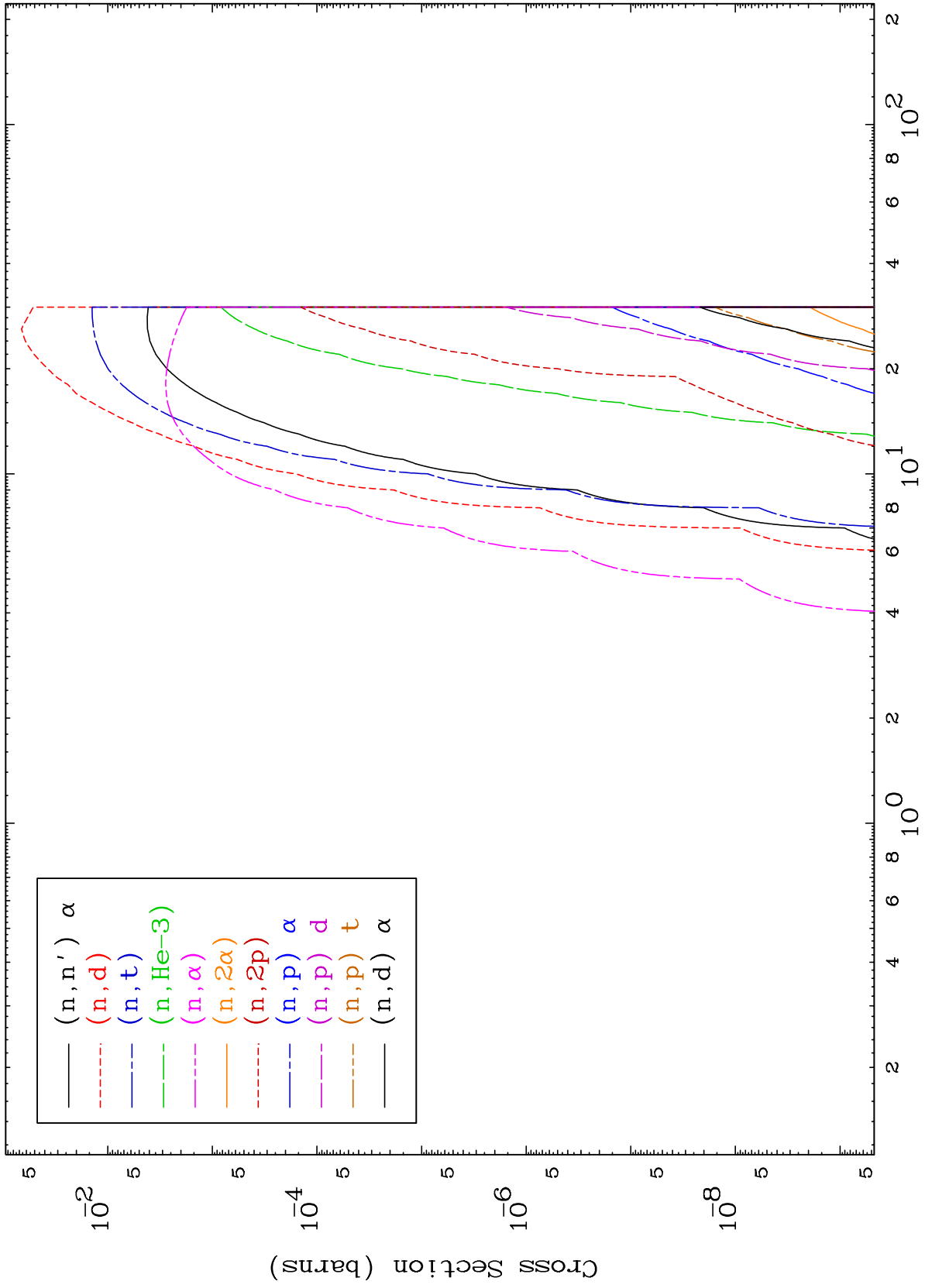
77-Ir-192n



MAT 7730

Deuteron Charged Particle  
0 Kelvin Cross Sections

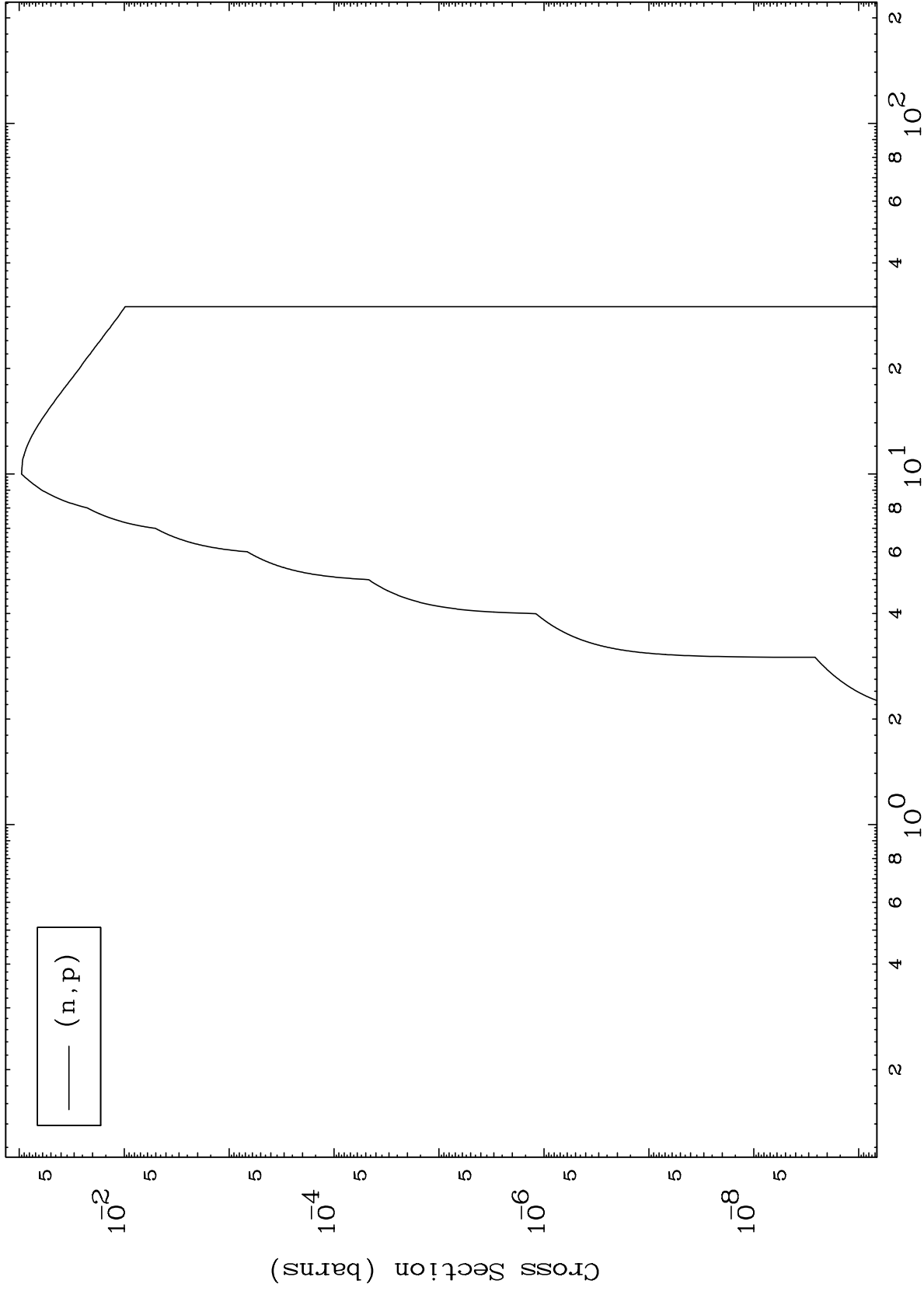
77-Ir-192n



MAT 7730

(d,p) Levels  
0 Kelvin Cross Sections

77-Ir-192n

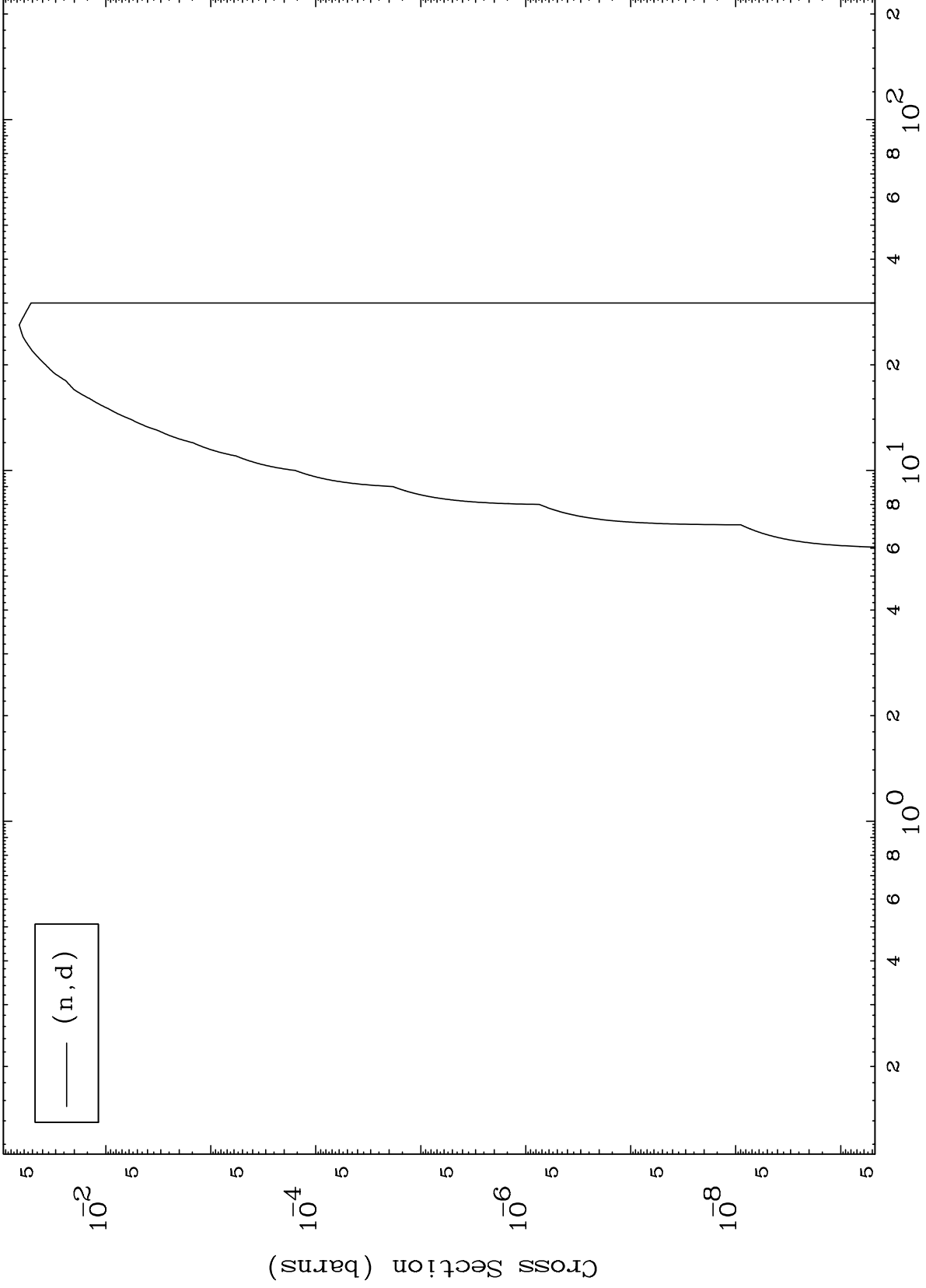


MAT 7730

(d,d) Levels

77-Ir-192n

0 Kelvin Cross Sections



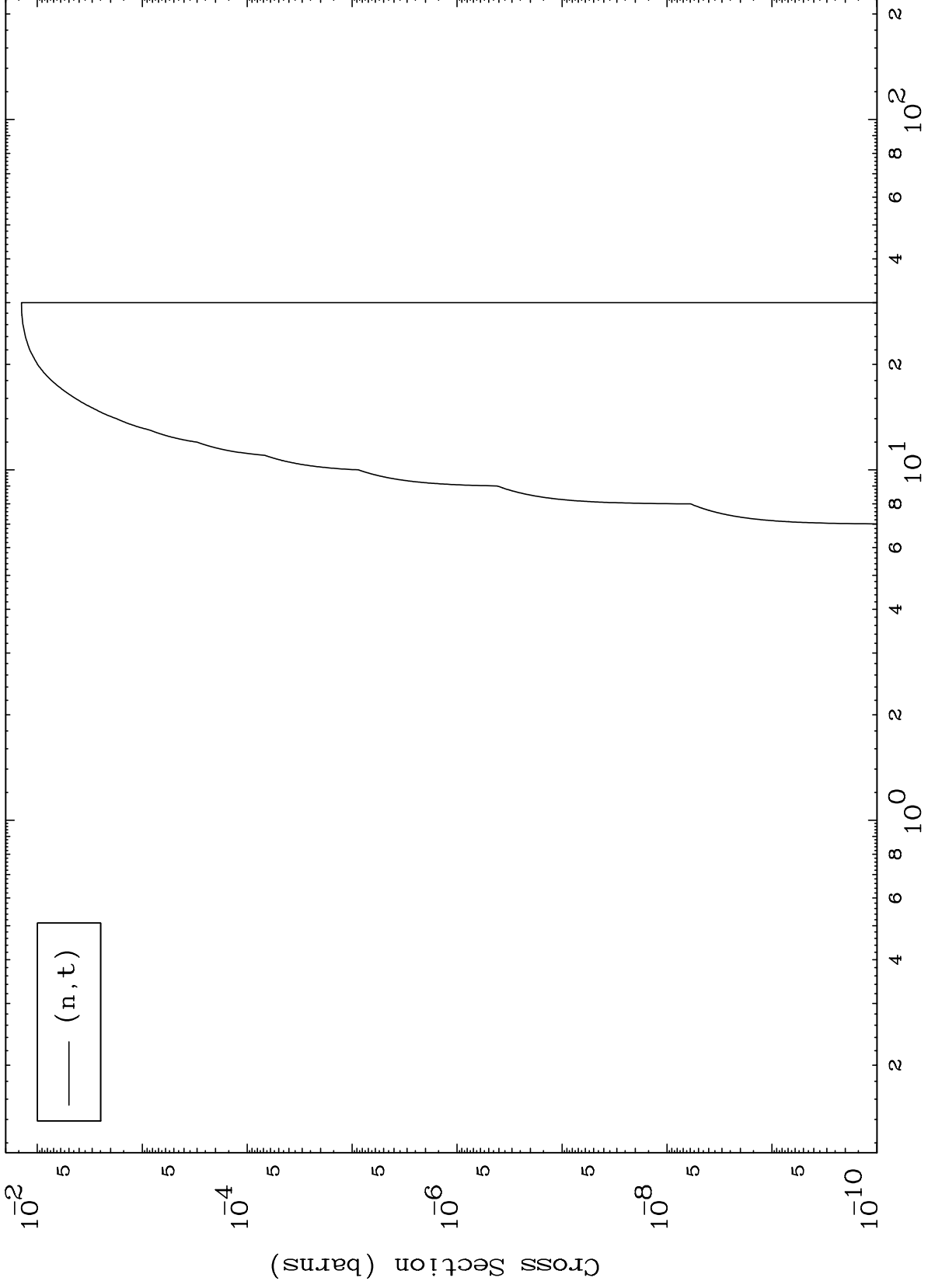
(n,d)

MAT 7730

(d, t) Levels

<sup>77</sup>Ir-192n

0 Kelvin Cross Sections

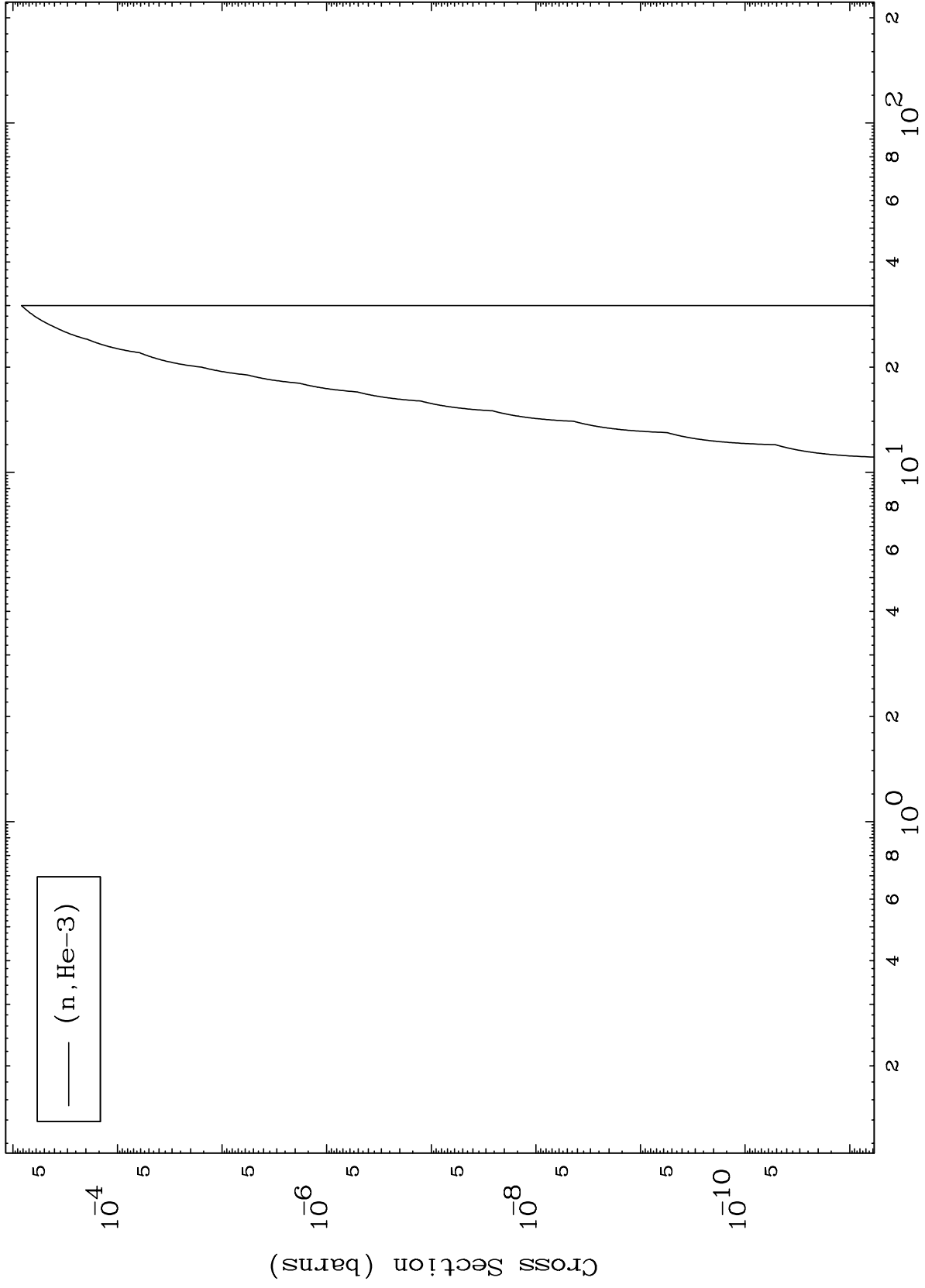


MAT 7730

(d,He3) Levels

77-Ir-192n

0 Kelvin Cross Sections



10

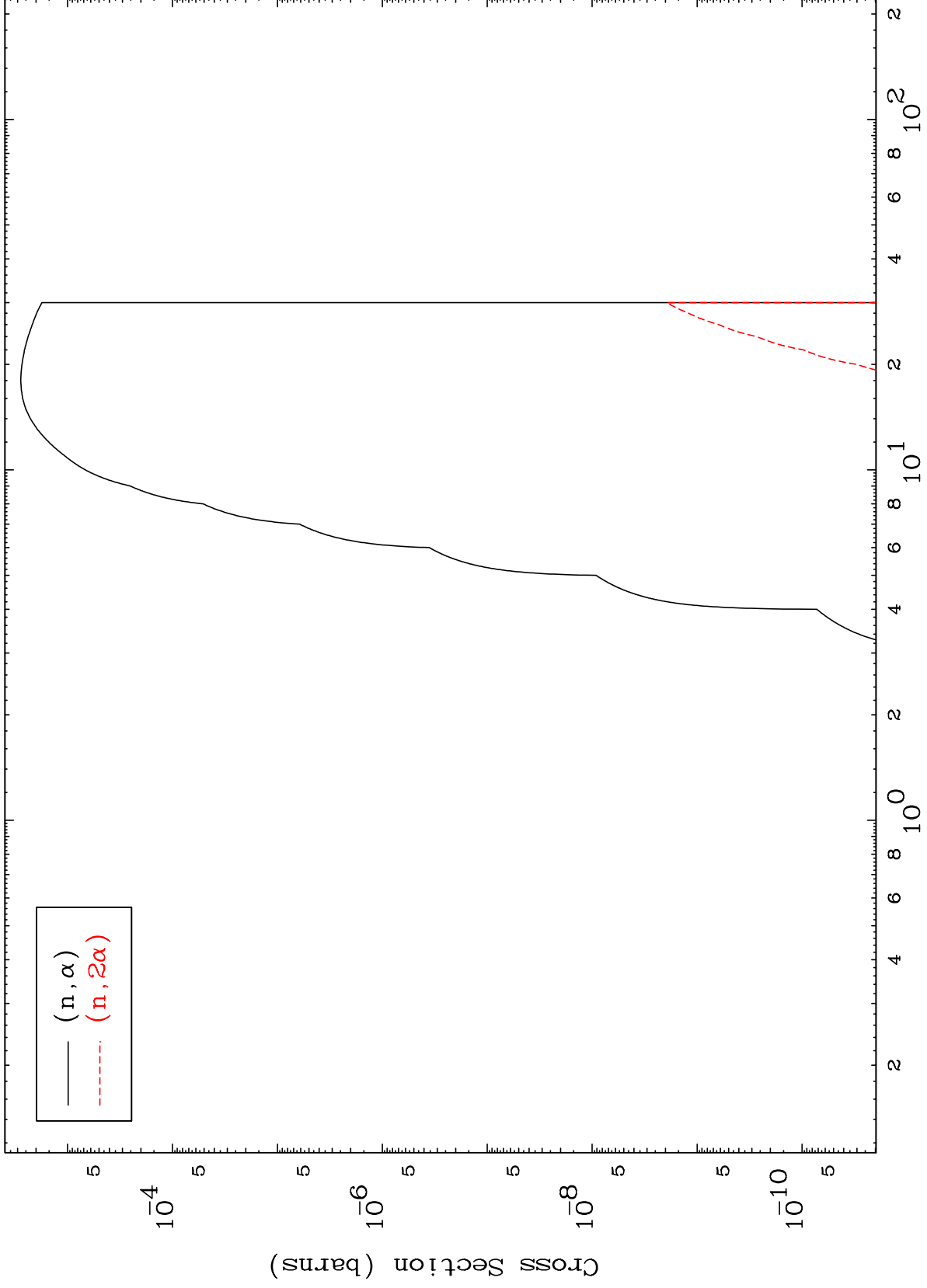
Incident Energy (MeV)

77-Ir-192n

MAT 7730

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

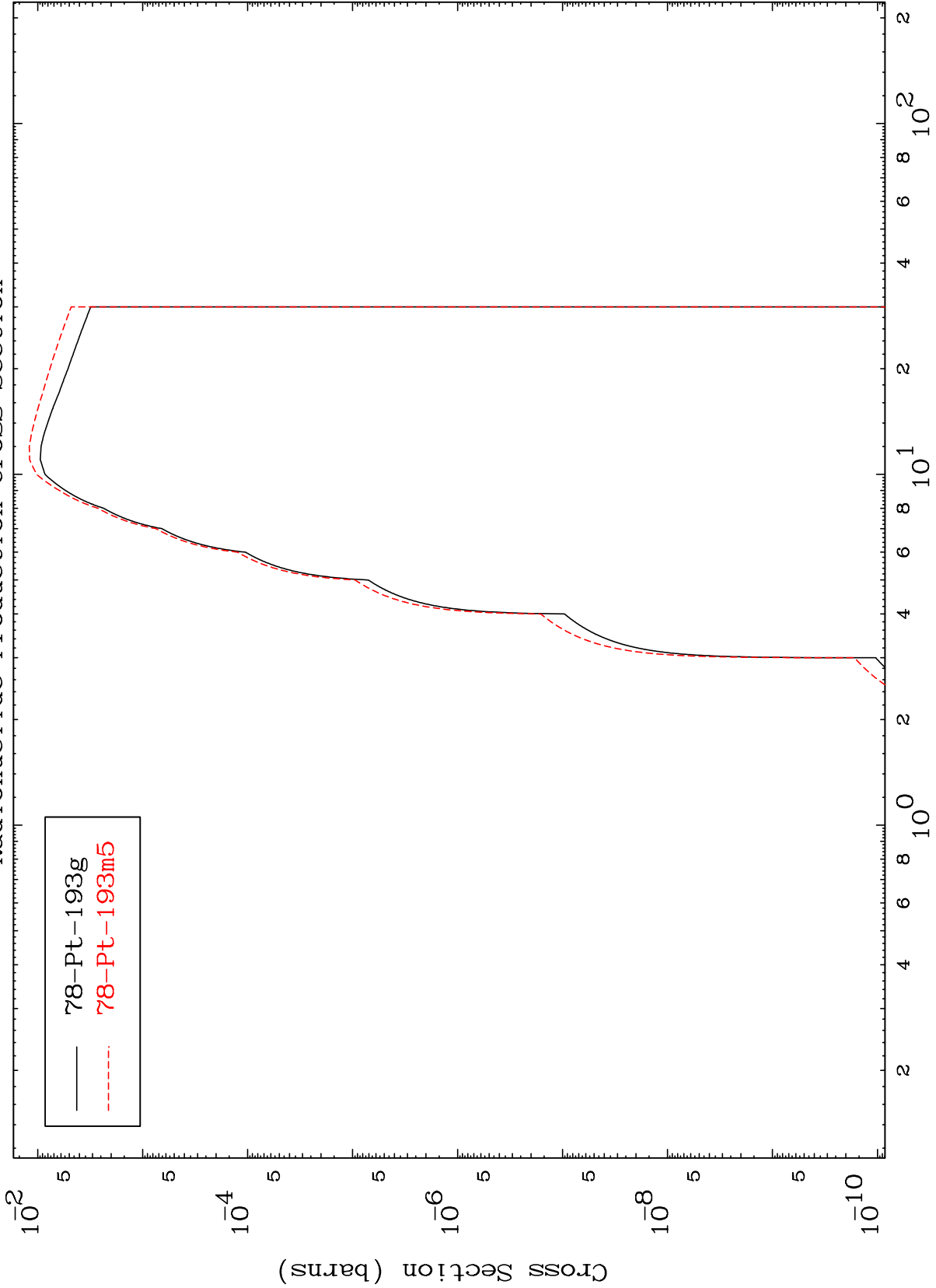
$^{77}\text{Ir-192n}$



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77-Ir-192n

Inelastic  
Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

77-Ir-192n

Incident Energy (MeV)

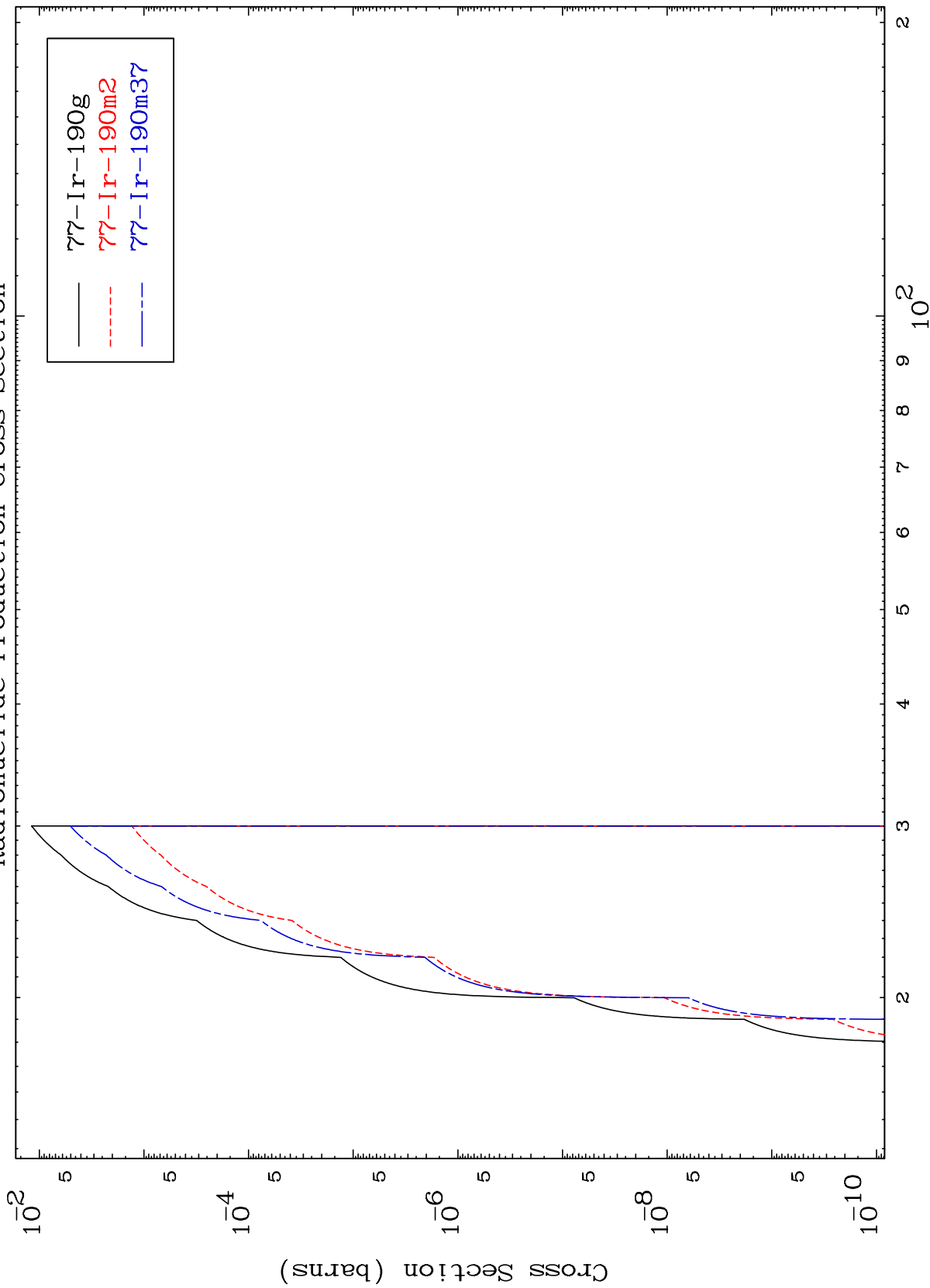
12

MAT 7730

(n,2n) d

<sup>77</sup>Ir-192n

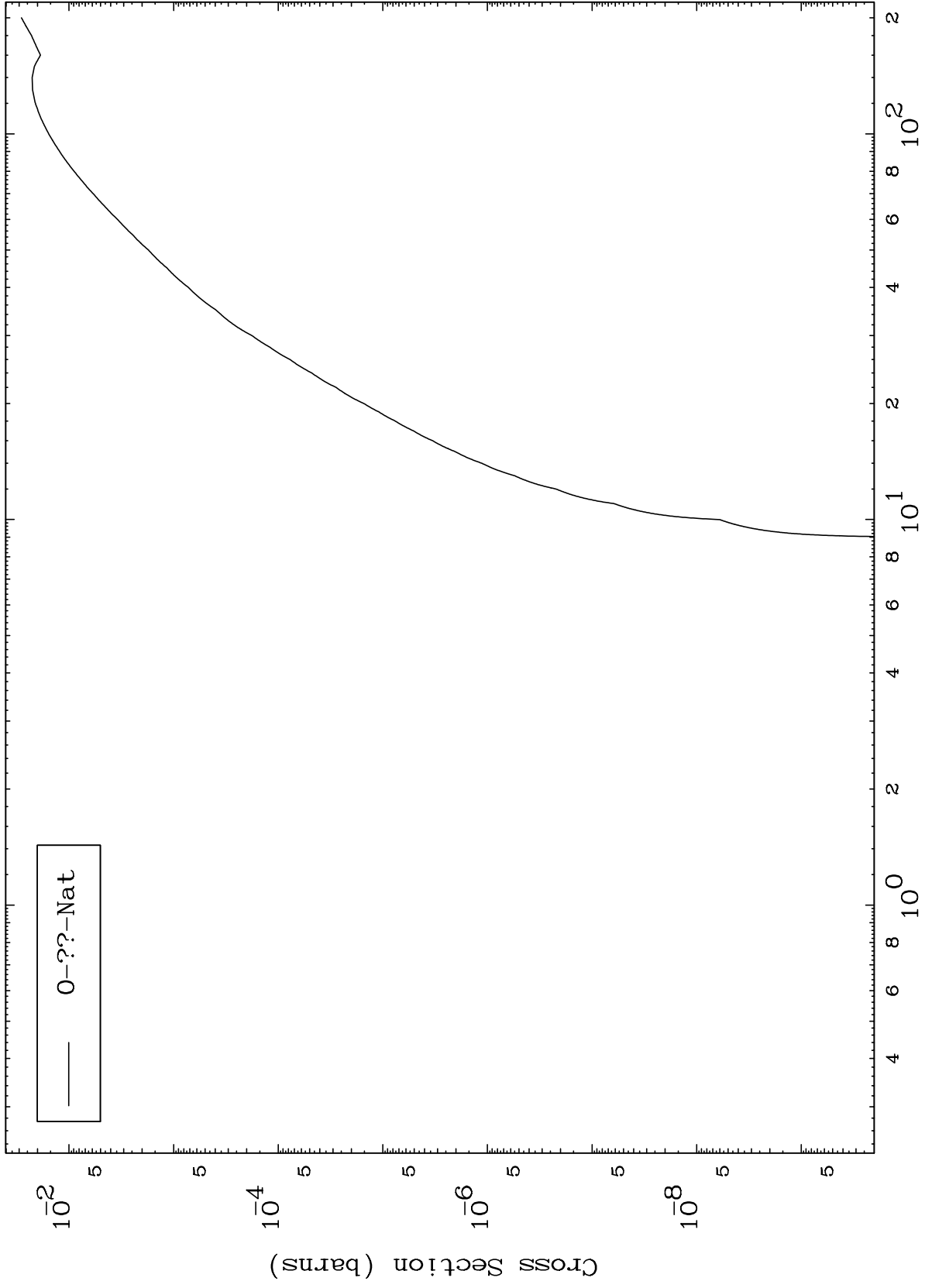
Radionuclide Production Cross Section



MAT 7730

Fission  
Radionuclide Production Cross Section

<sup>77</sup>Ir-192n

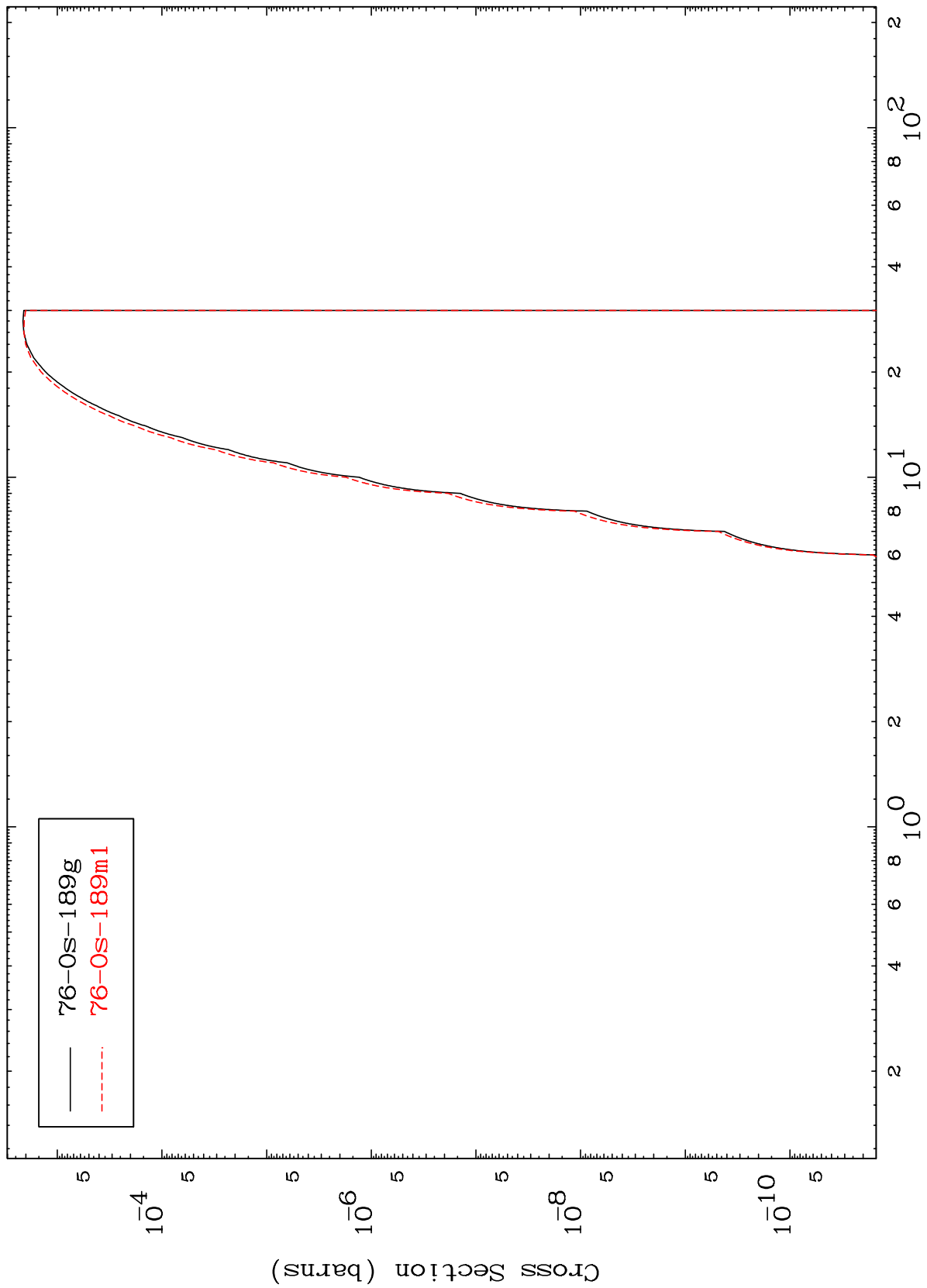


MAT 7730

$(n, n') \alpha$

$^{77}\text{Ir}-192\text{n}$

Radionuclide Production Cross Section

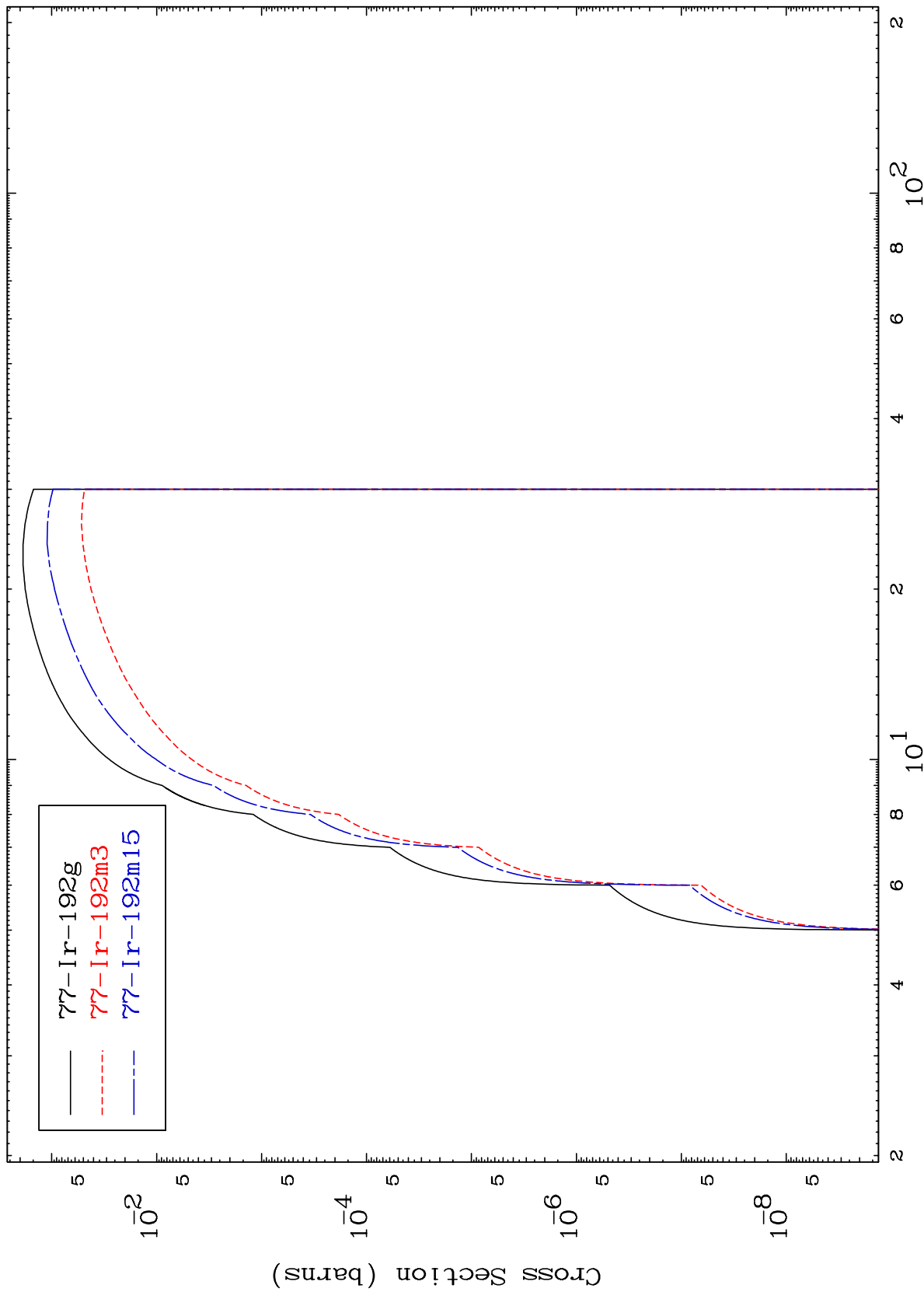


MAT 7730

(n,n') p

<sup>77</sup>Ir-192n

Radionuclide Production Cross Section



16

Incident Energy (MeV)

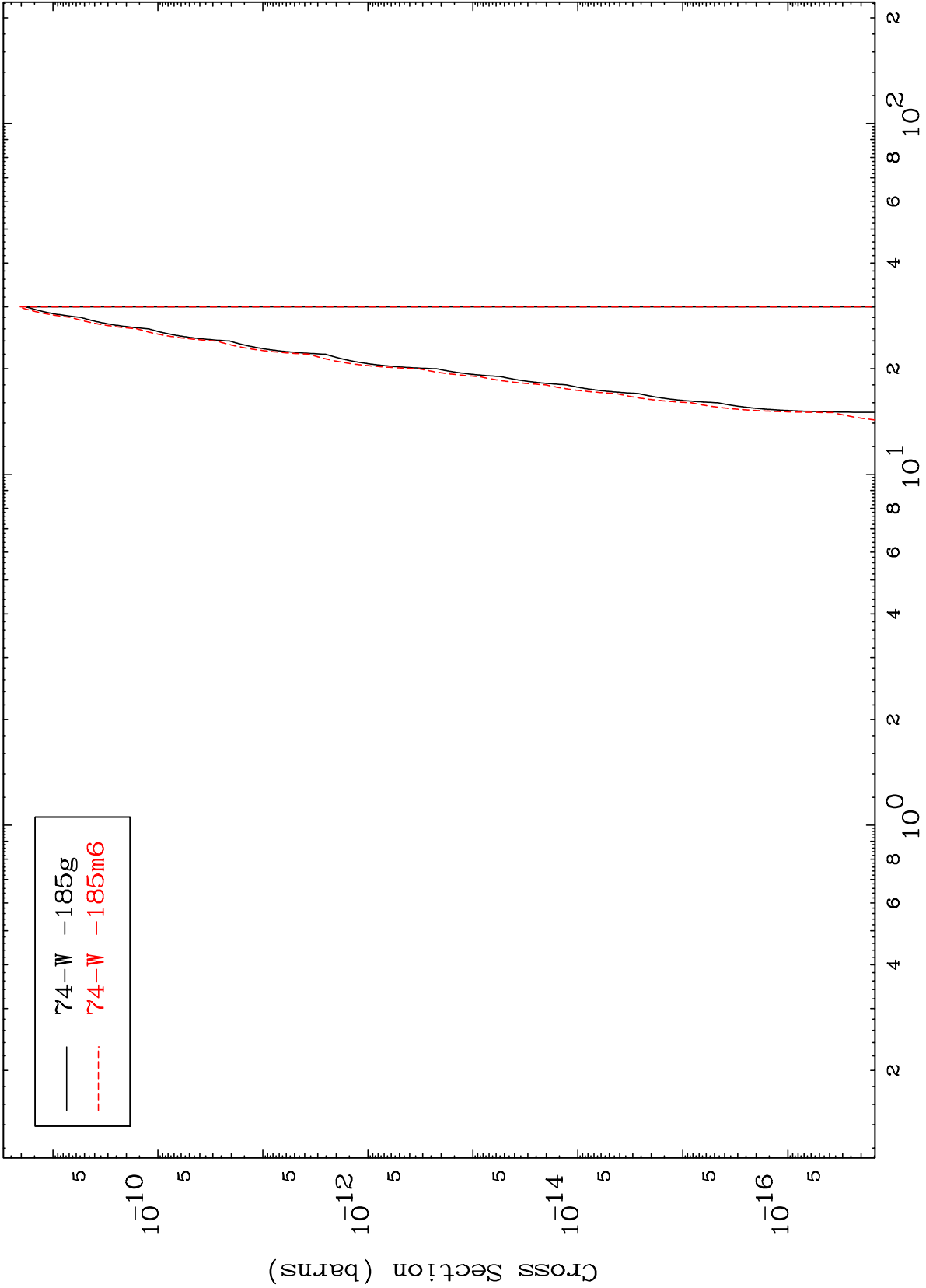
<sup>77</sup>Ir-192n

MAT 7730

(n,n') 2 $\alpha$

77-Ir-192n

Radionuclide Production Cross Section



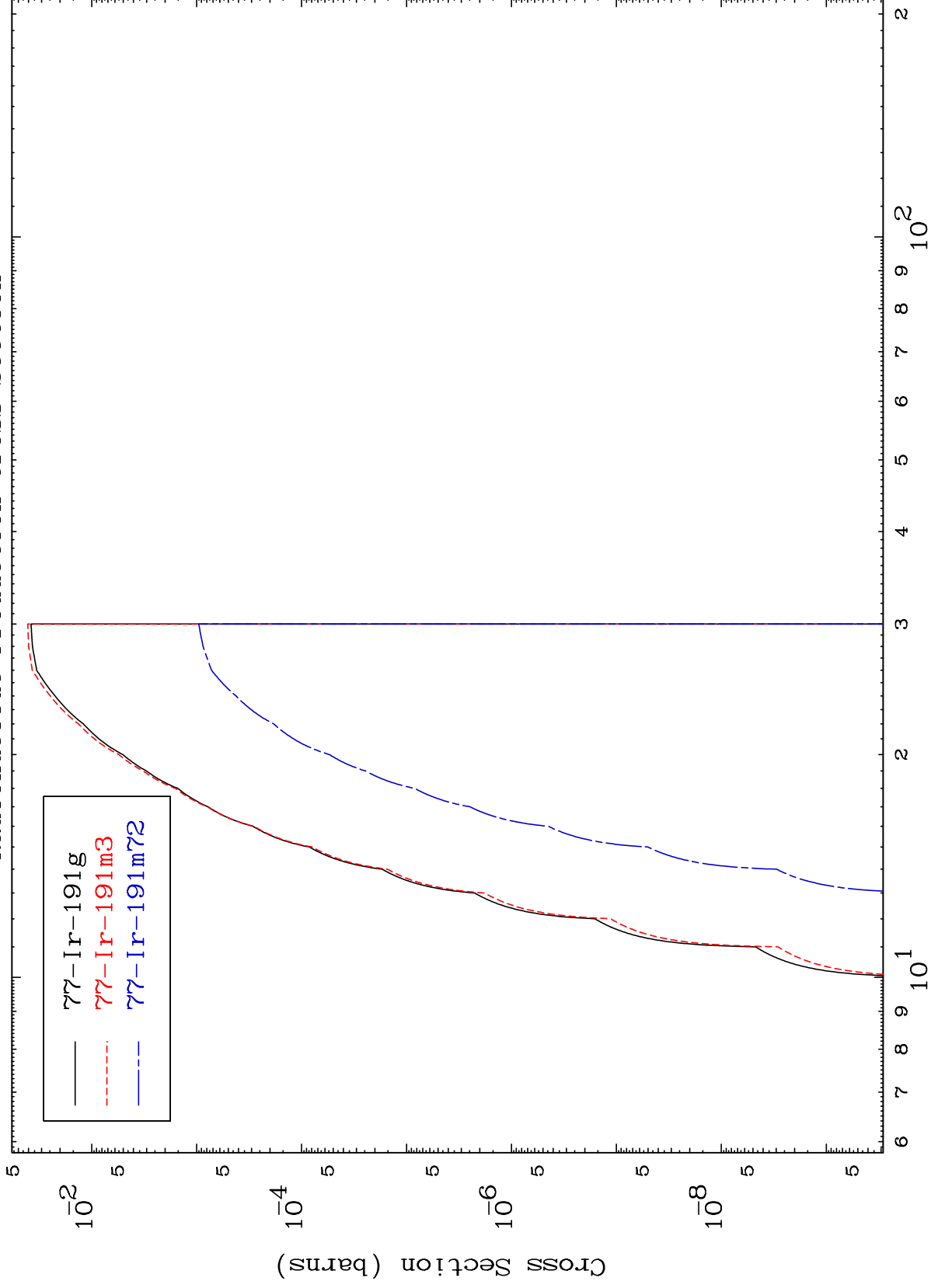
74-W -185g  
74-W -185m6

MAT 7730

(n,n') d

<sup>77</sup>Ir-192n

Radionuclide Production Cross Section



Legend:  
— <sup>77</sup>Ir-191g  
- - <sup>77</sup>Ir-191m3  
- - <sup>77</sup>Ir-191m72

18

Incident Energy (MeV)

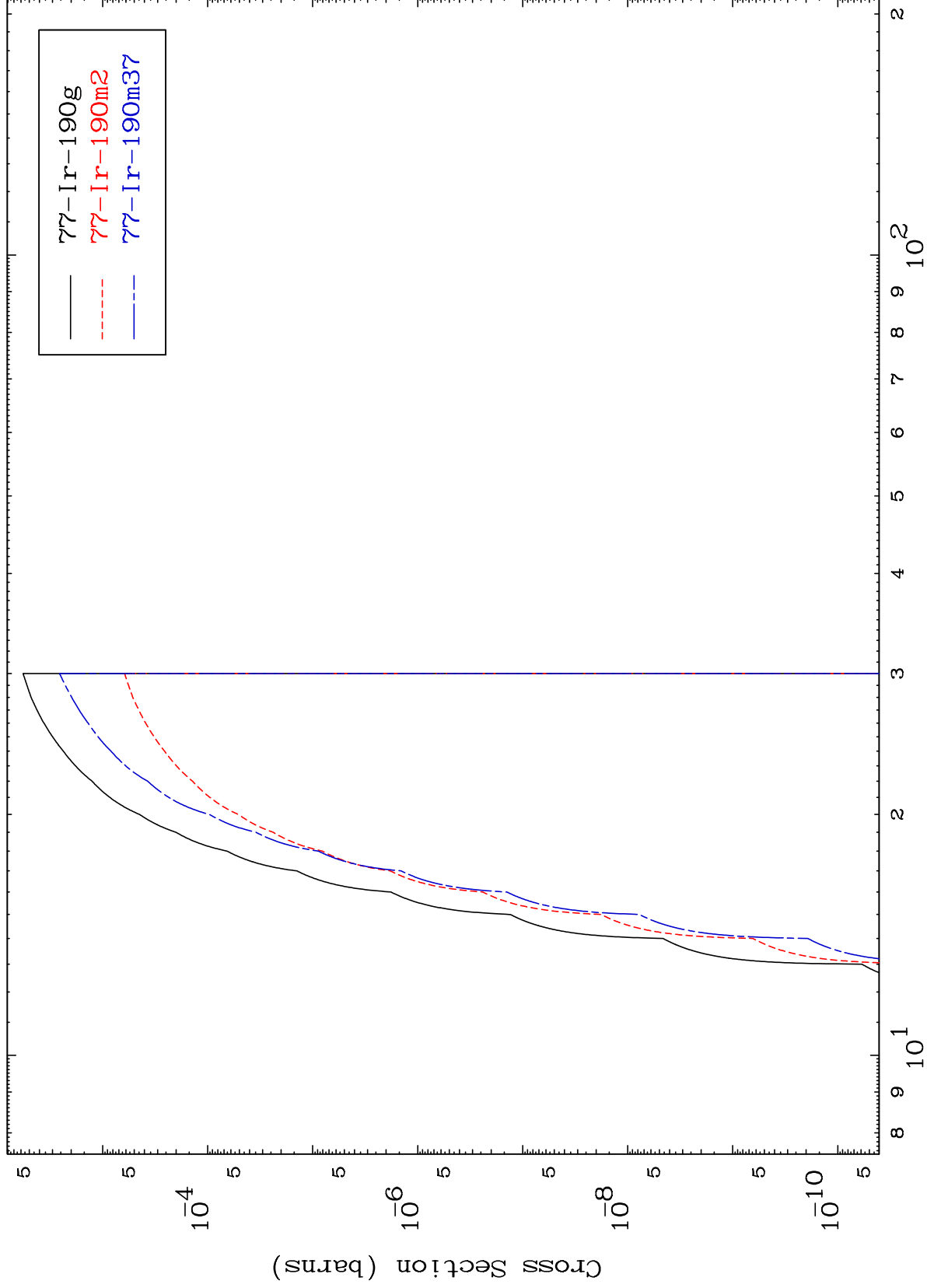
<sup>77</sup>Ir-192n

MAT 7730

(n,n') t

<sup>77</sup>Ir-<sup>192</sup>n

Radionuclide Production Cross Section



19

Incident Energy (MeV)

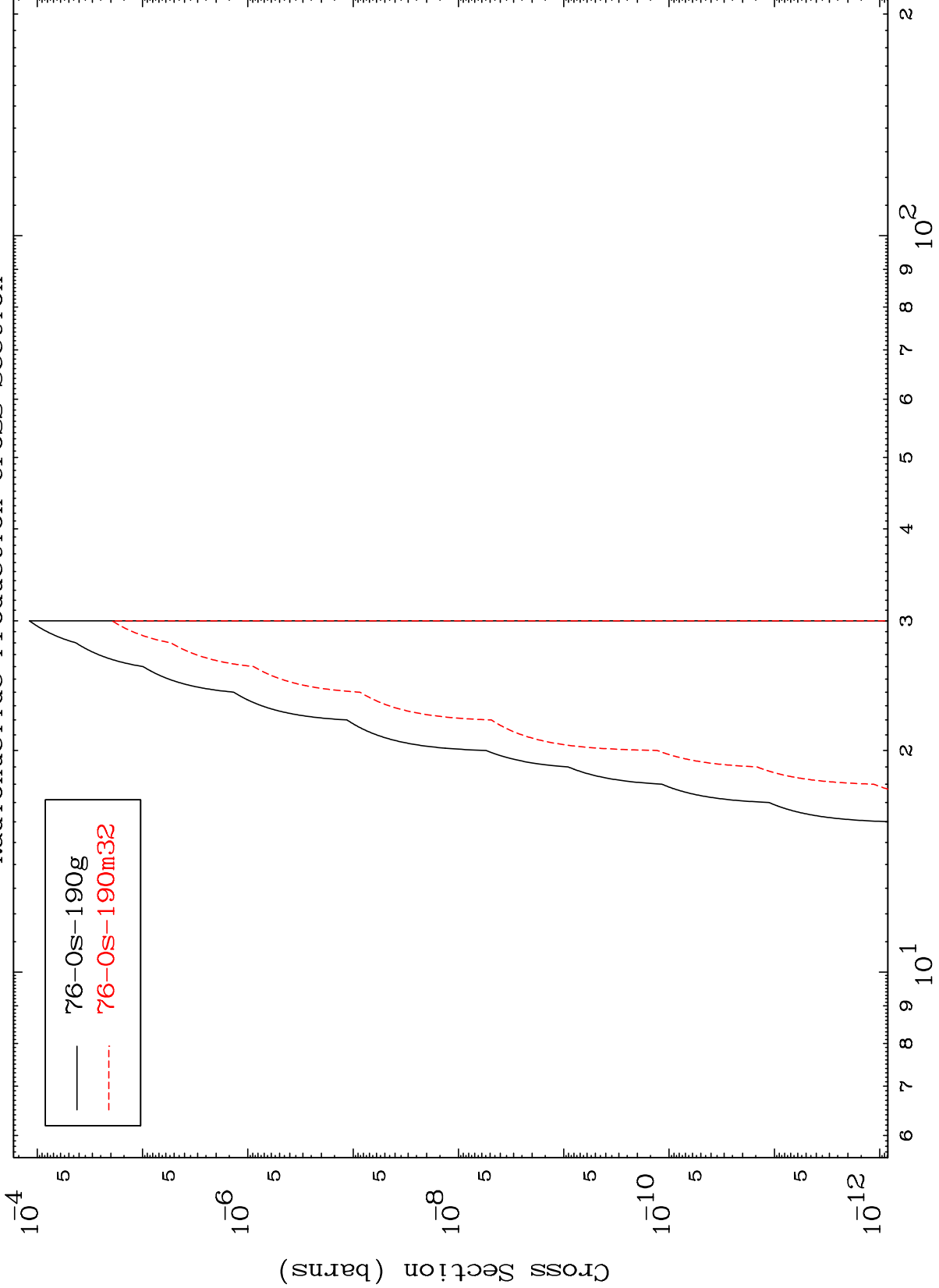
<sup>77</sup>Ir-<sup>192</sup>n

MAT 7730

(n,n') He-3

77-Ir-192n

Radionuclide Production Cross Section



76-Os-190g  
76-Os-190m32

20

Incident Energy (MeV)

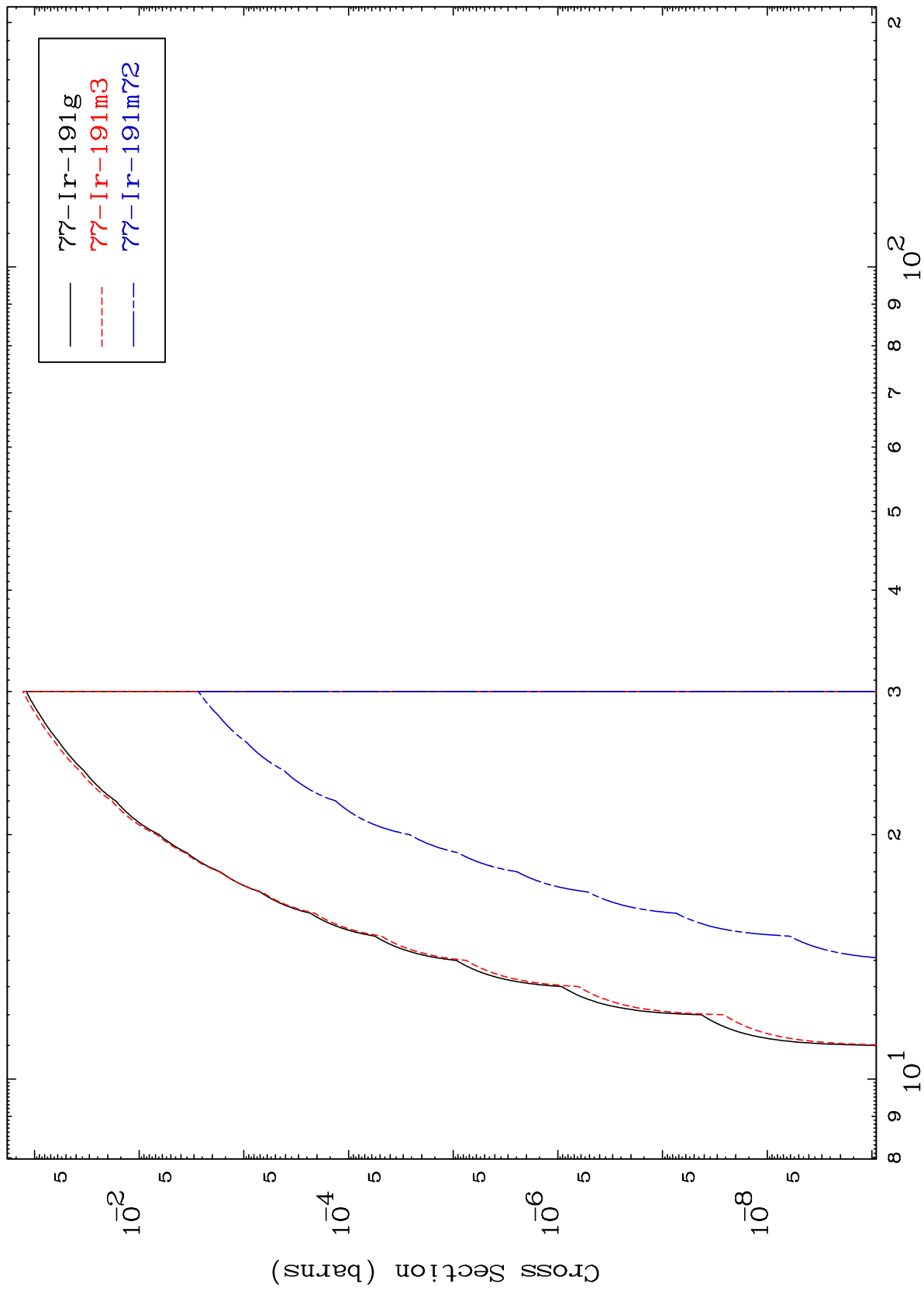
77-Ir-192n

MAT 7730

(n,2n) p

<sup>77</sup>Ir-192n

Radionuclide Production Cross Section

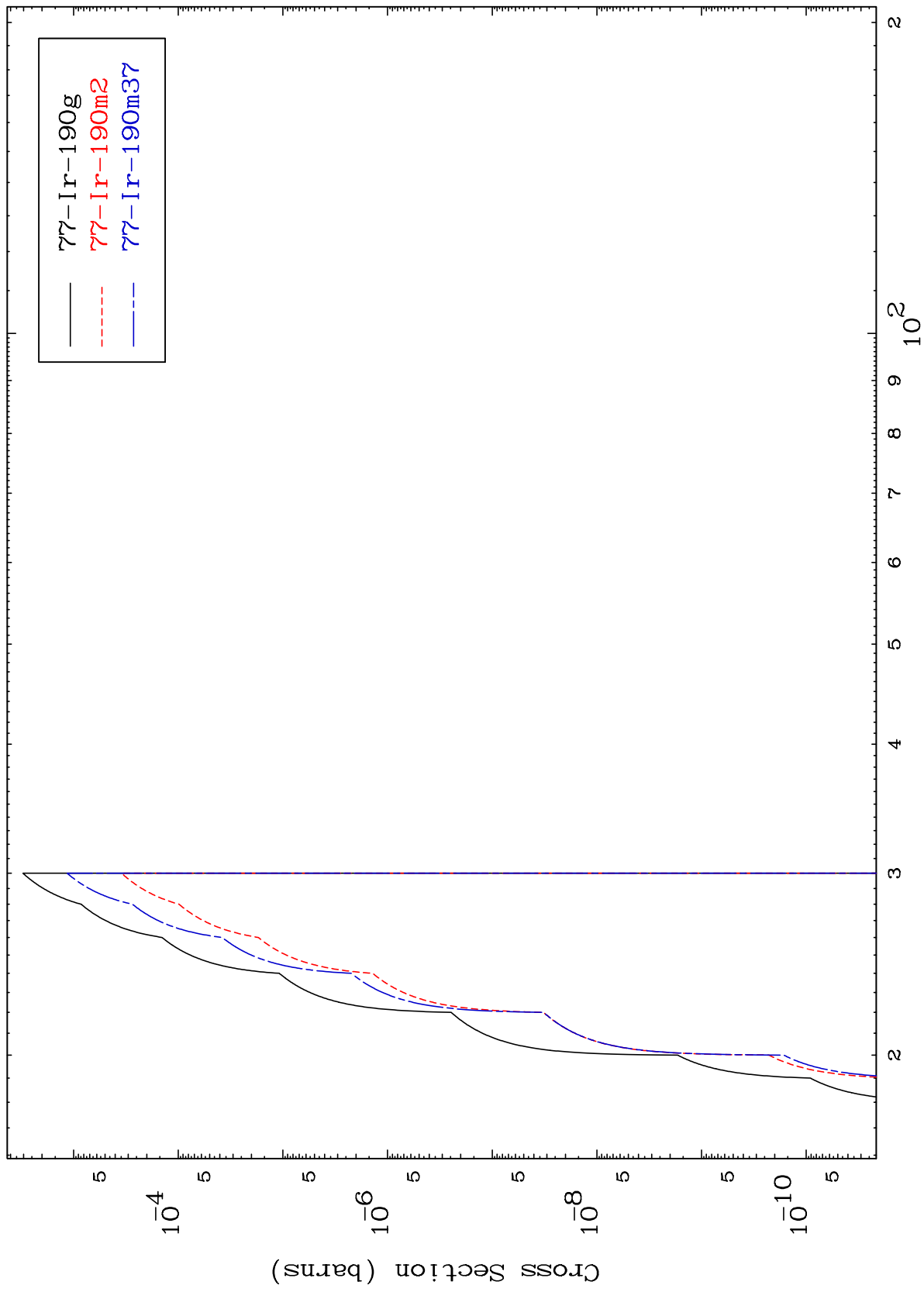


21

Incident Energy (MeV)

<sup>77</sup>Ir-192n

Radionuclide Production Cross Section

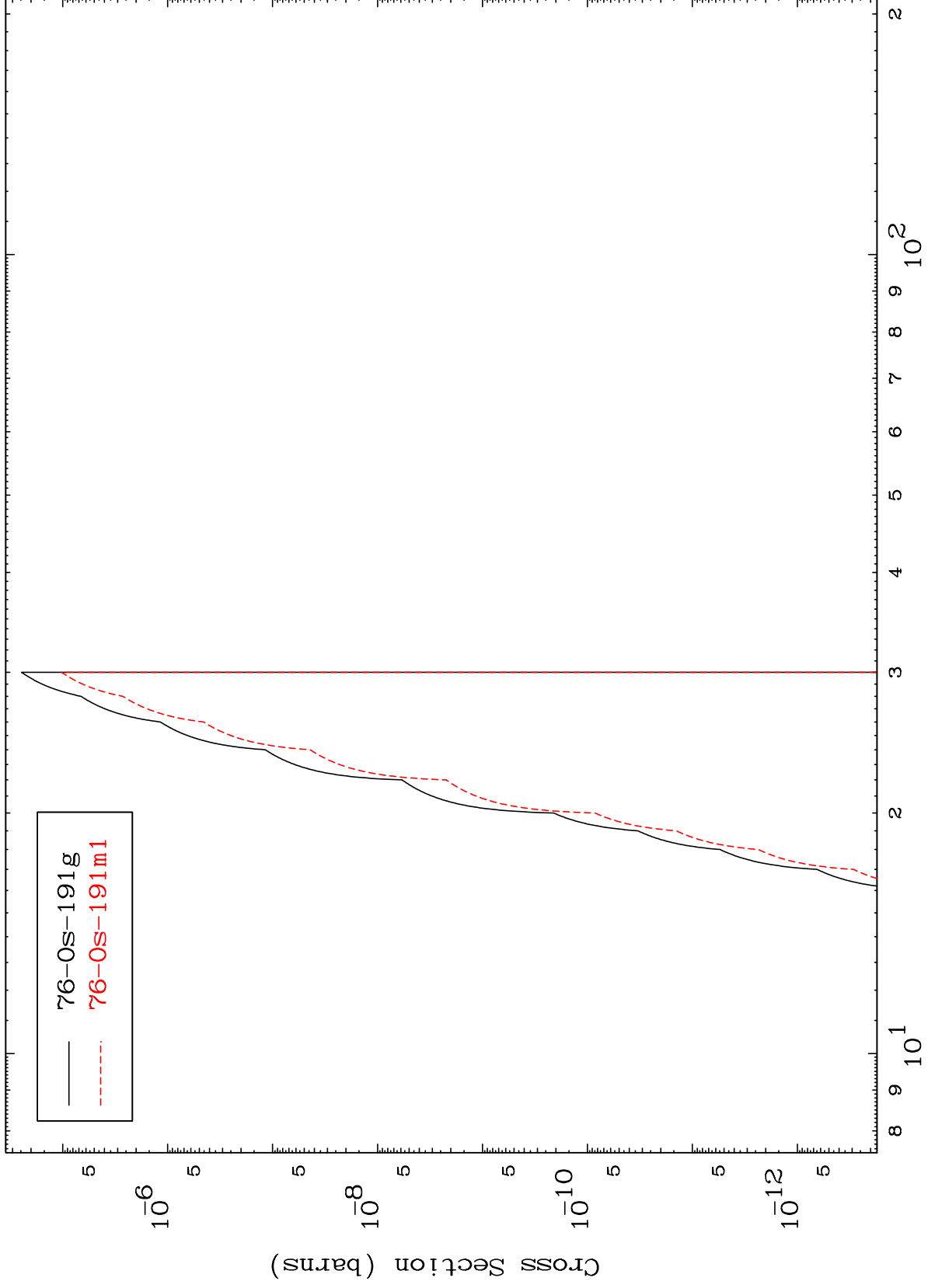


MAT 7730

(n,2n) p

<sup>77</sup>Ir-192n

Radionuclide Production Cross Section



23

Incident Energy (MeV)

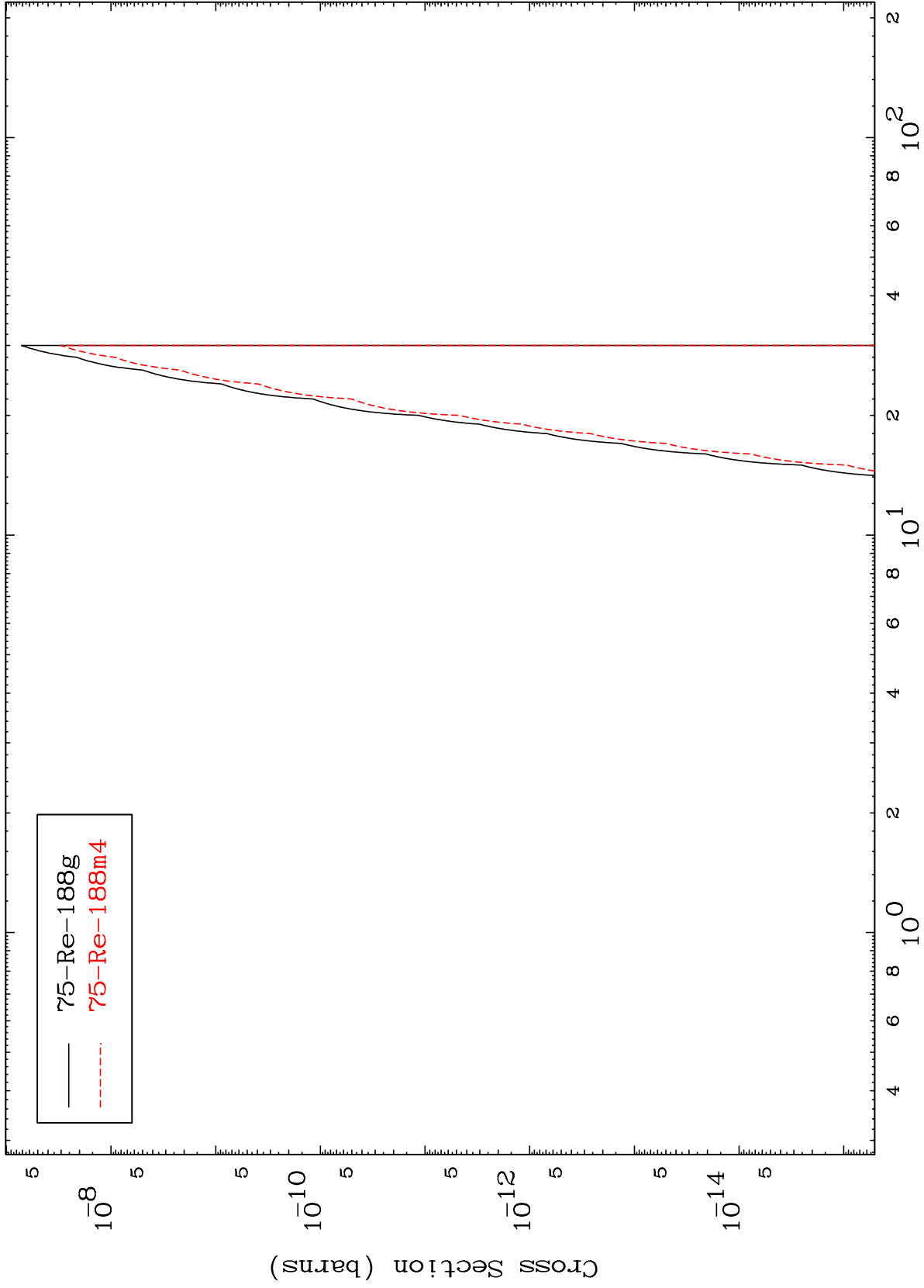
<sup>77</sup>Ir-192n

MAT 7730

(n,n') p  $\alpha$

77-Ir-192n

Radionuclide Production Cross Section



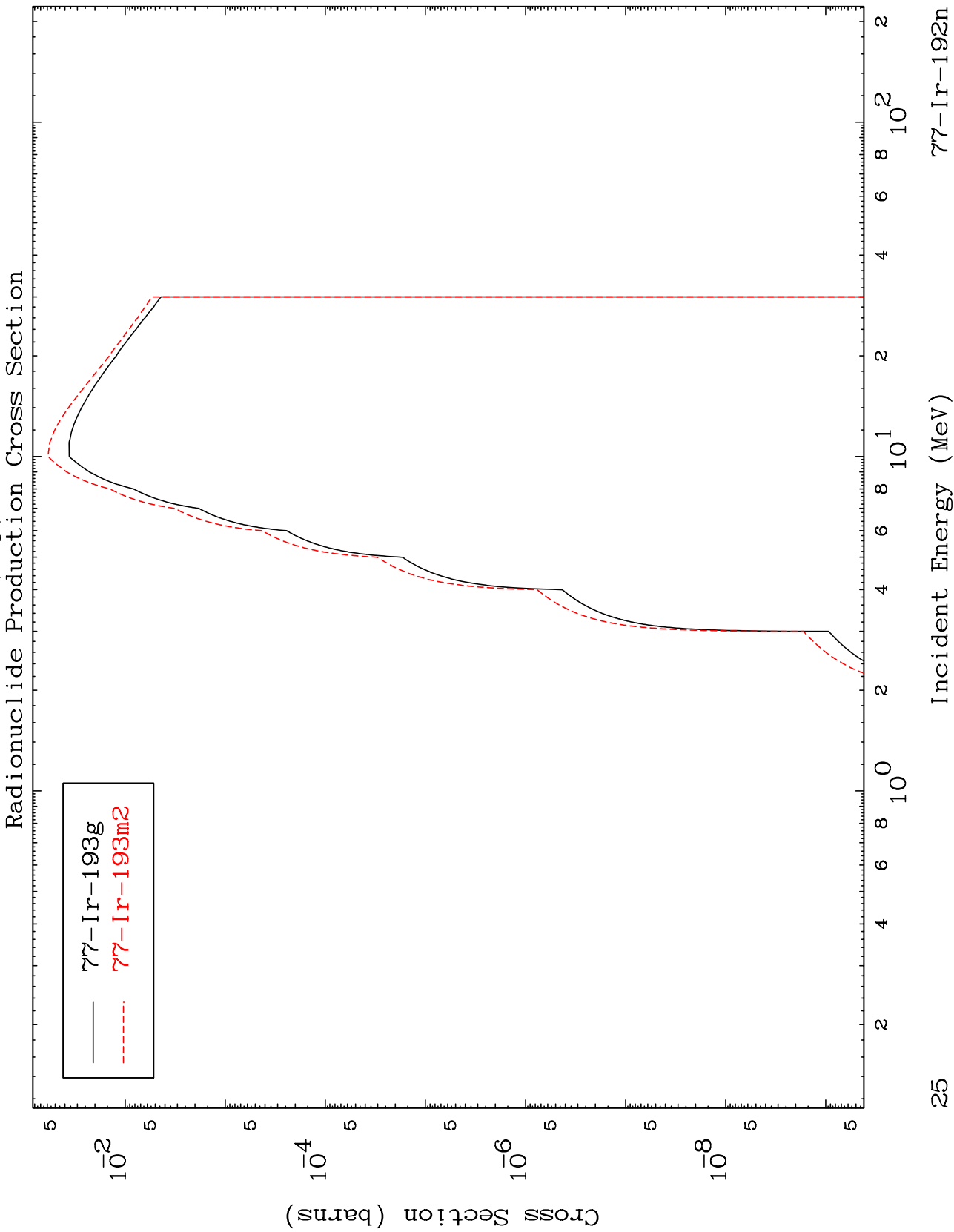
24

Incident Energy (MeV)

77-Ir-192n

MAT 7730

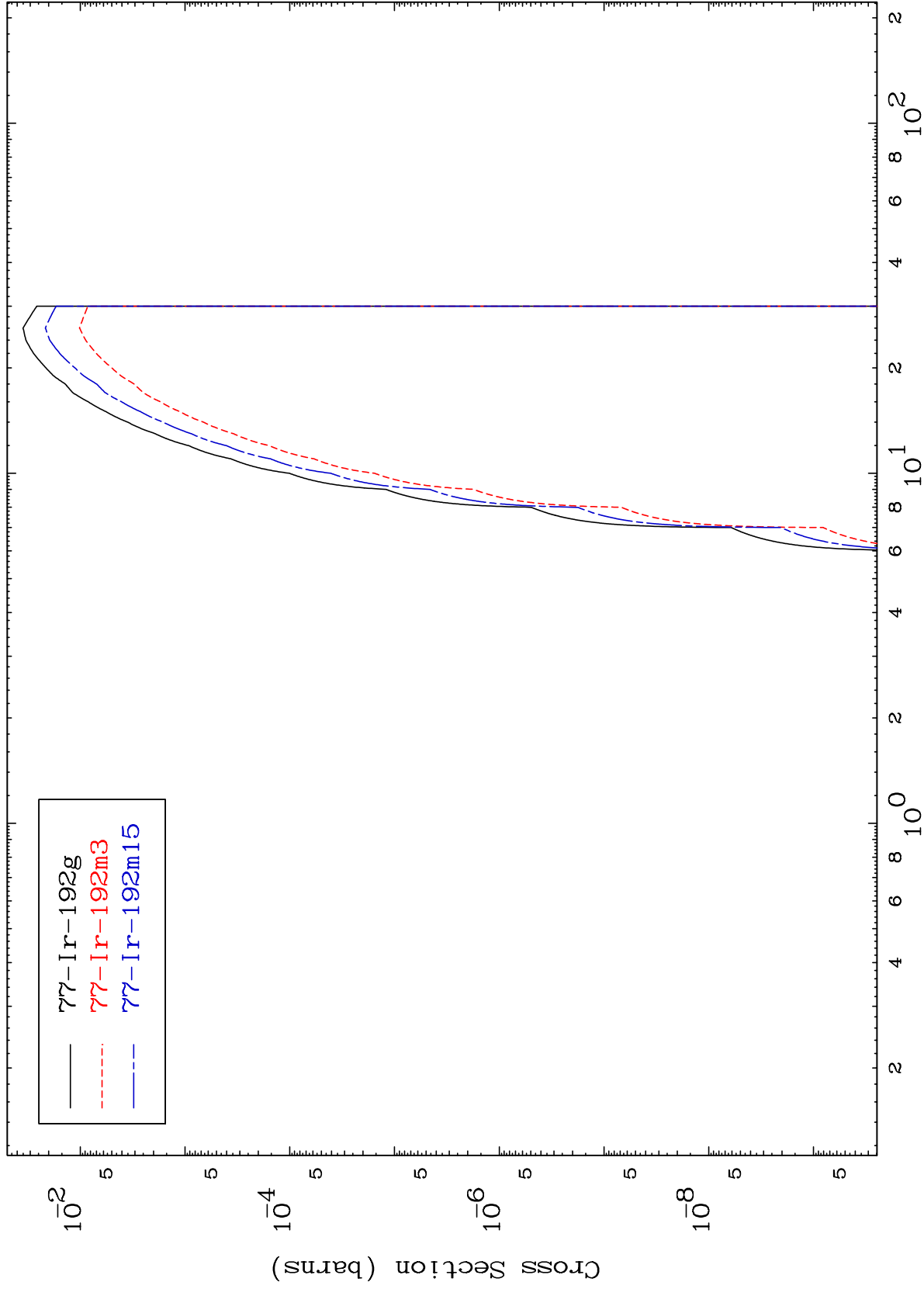
<sup>77</sup>Ir-192n



MAT 7730

$^{77}\text{Ir-192n}$

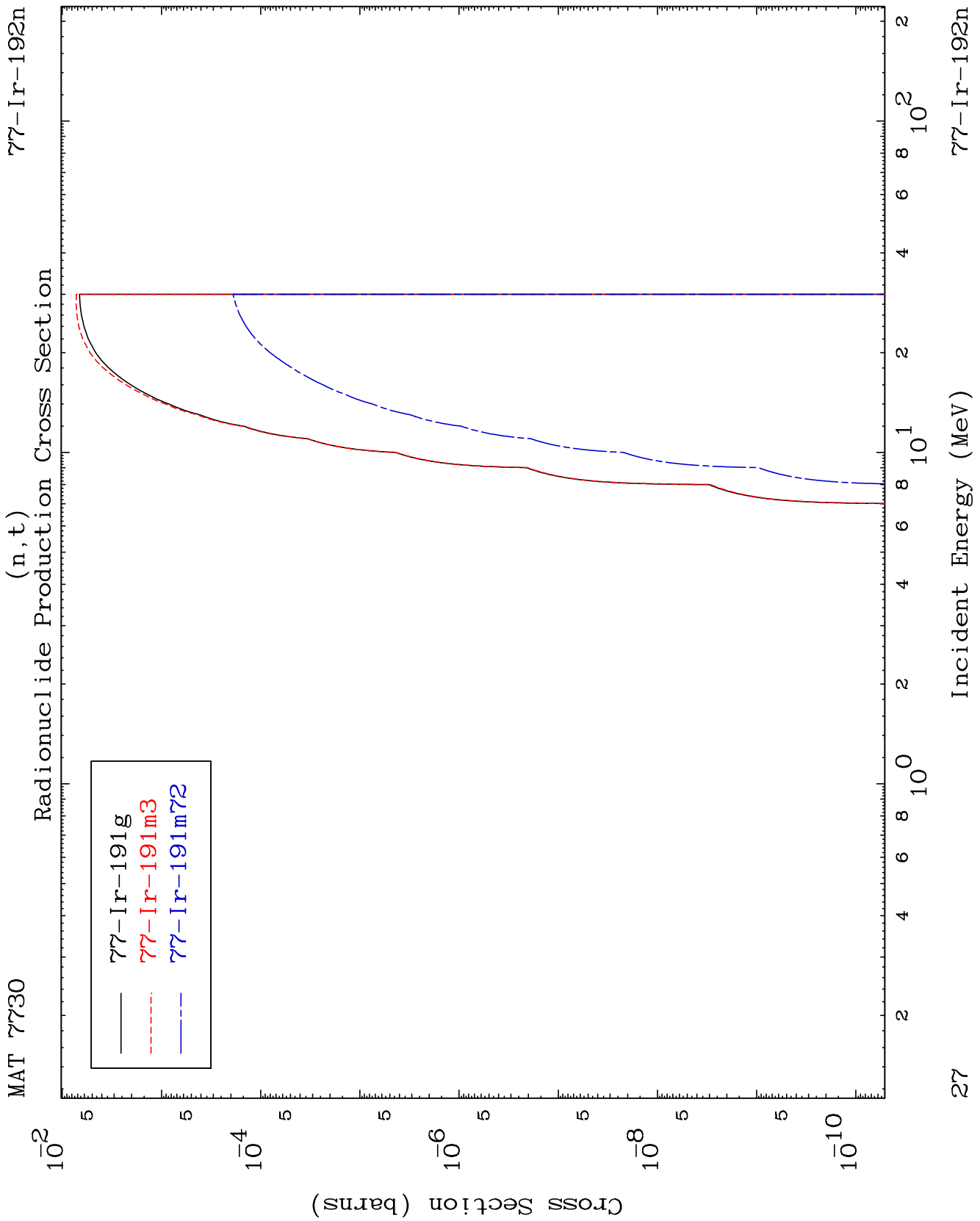
(n,d)  
Radionuclide Production Cross Section



$^{77}\text{Ir-192n}$

Incident Energy (MeV)

26

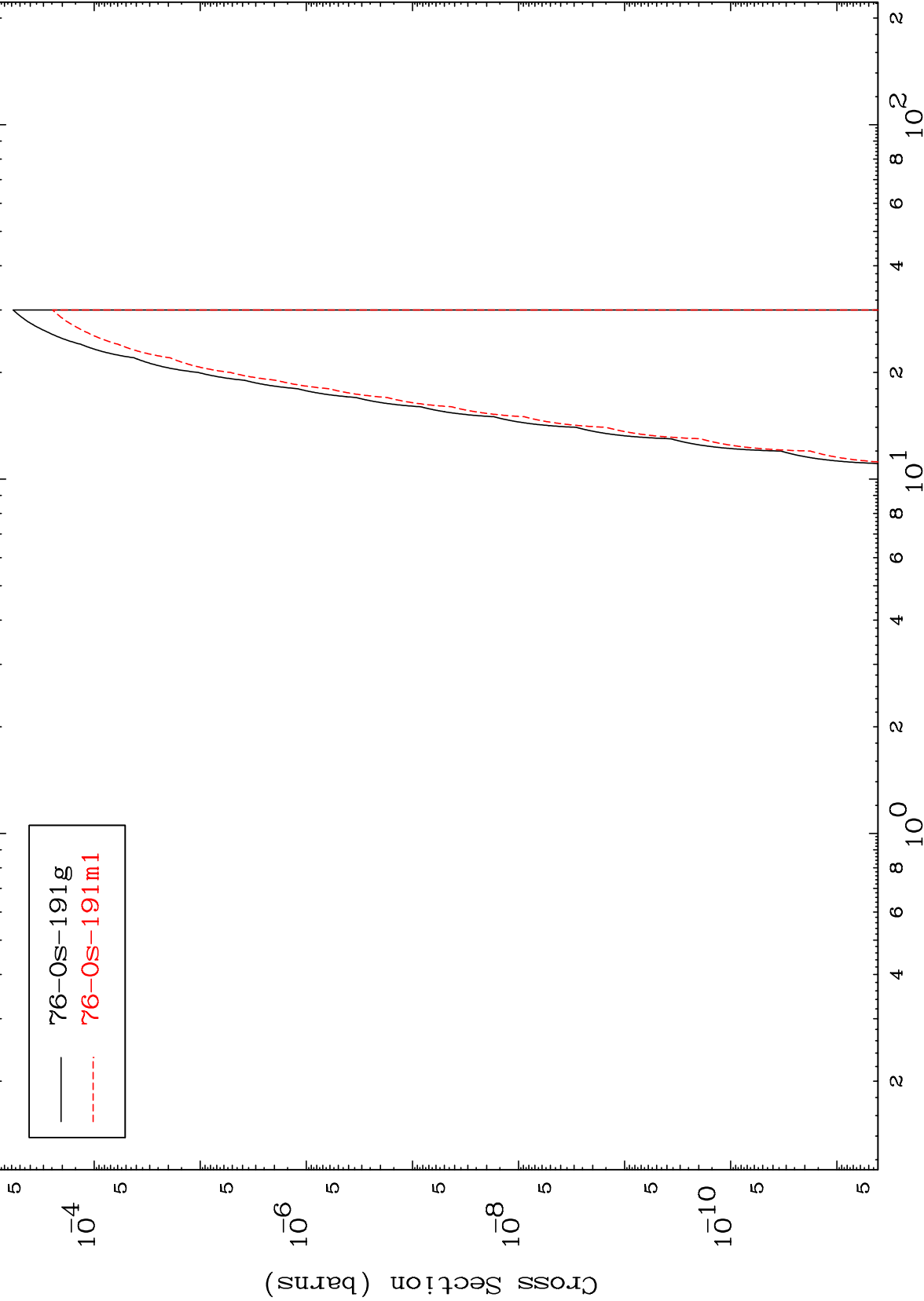


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(n,He-3)

77-Ir-192n

Radionuclide Production Cross Section

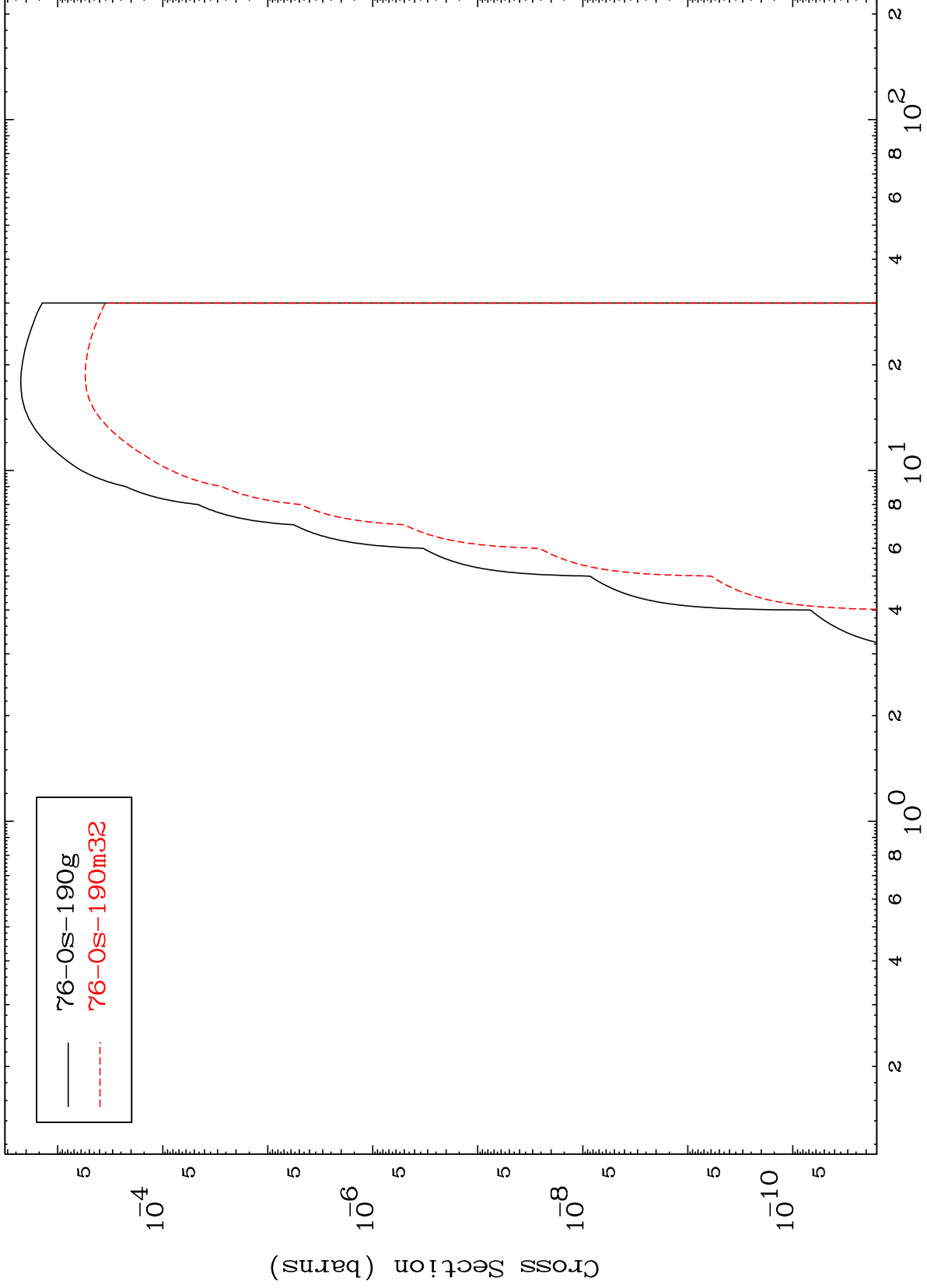


MAT 7730

(n,  $\alpha$ )

<sup>77</sup>Ir-192n

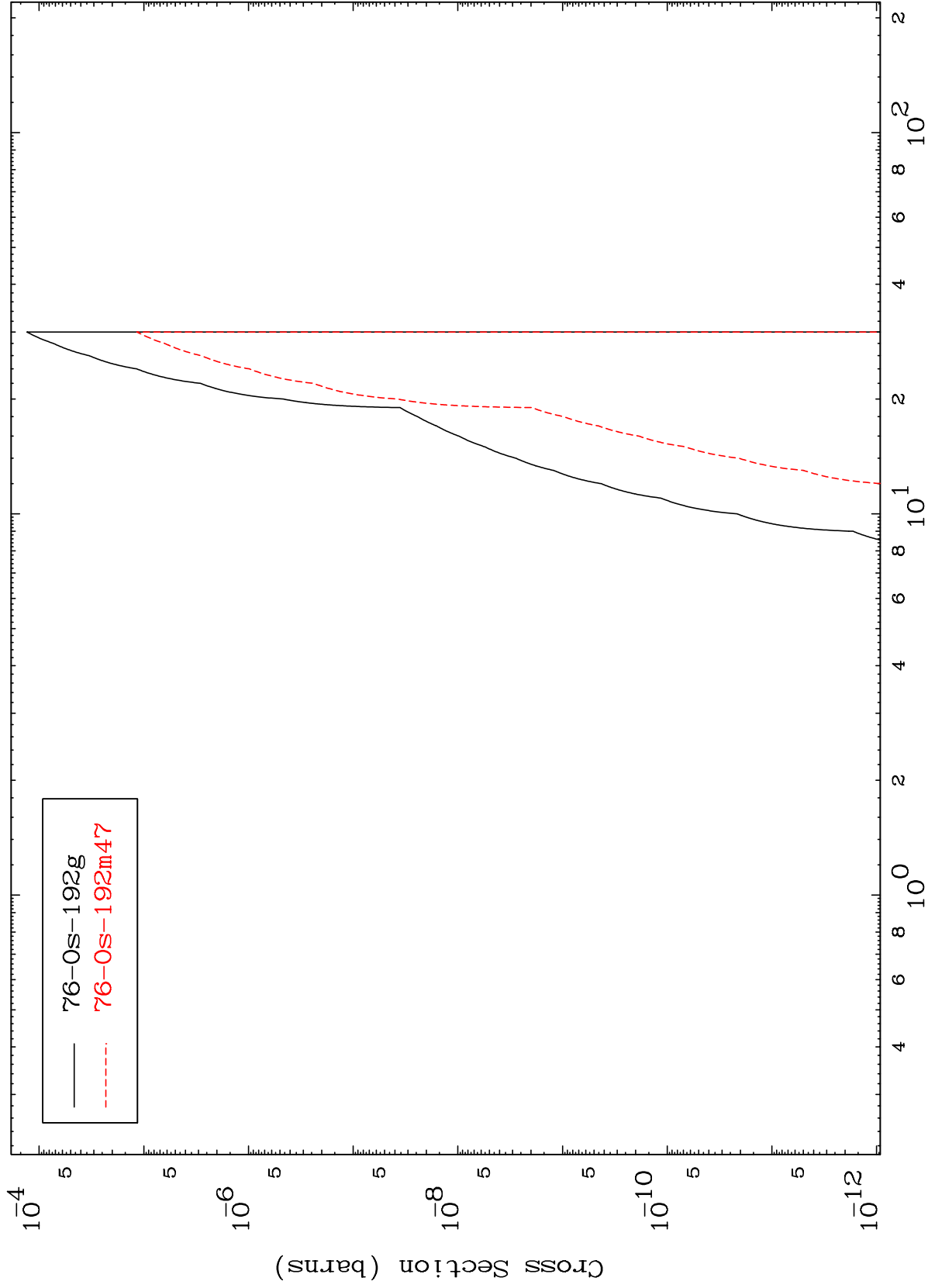
Radionuclide Production Cross Section



MAT 7730

<sup>77</sup>Ir-192n

(n,2p)  
Radionuclide Production Cross Section



<sup>77</sup>Ir-192n

Incident Energy (MeV)

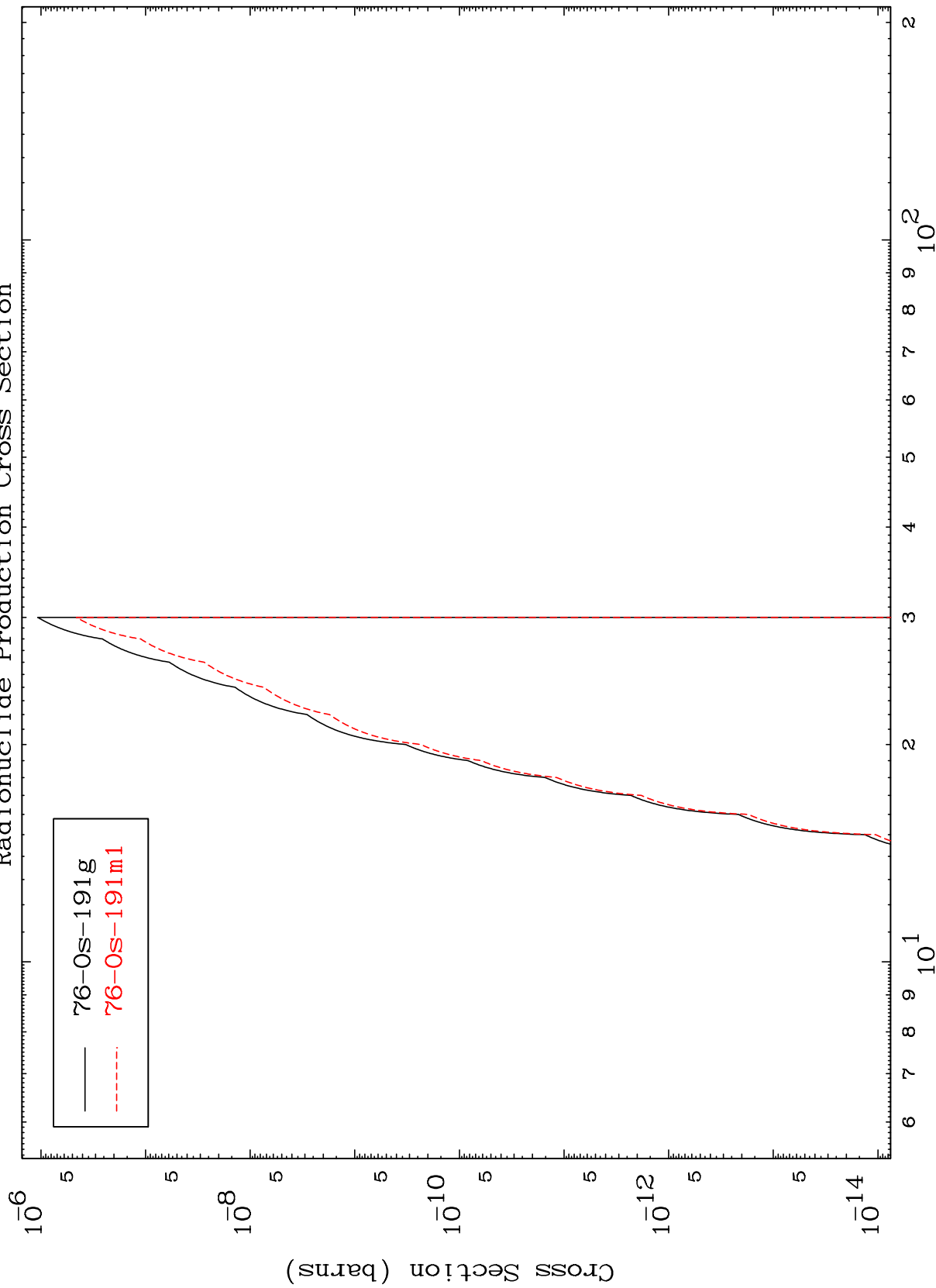
30

MAT 7730

(n,p) d

<sup>77</sup>Ir-192n

Radionuclide Production Cross Section



Incident Energy (MeV)

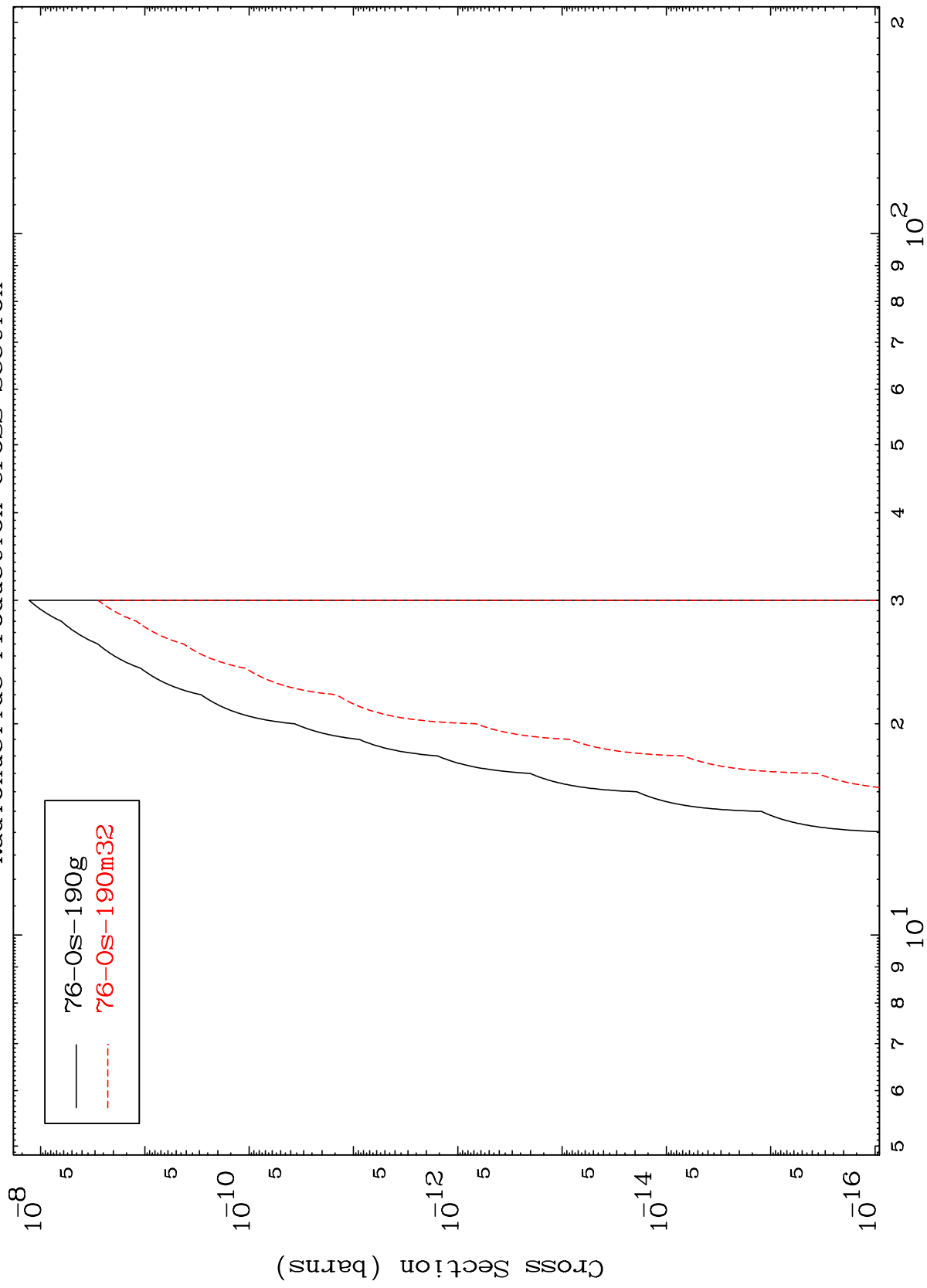
<sup>77</sup>Ir-192n

MAT 7730

(n,p) t

<sup>77</sup>Ir-192n

Radionuclide Production Cross Section



32

Incident Energy (MeV)

<sup>77</sup>Ir-192n

MAT 7730

(n,d)  $\alpha$

77-Ir-192n

Radionuclide Production Cross Section

