

Program EVALPLOT  
(Version 2021-1)

by

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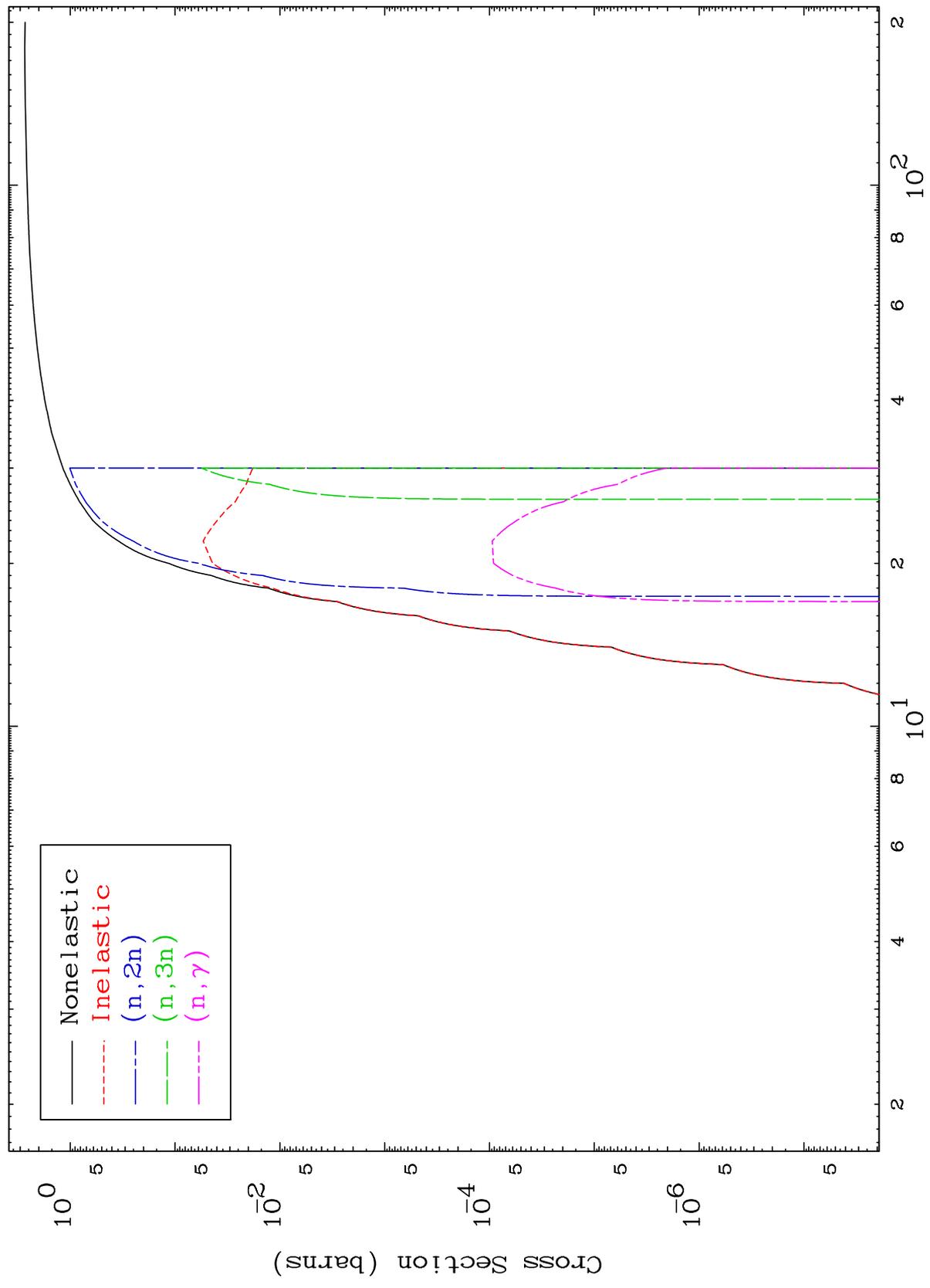
Press Mouse Button to Start

MAT 7725

0 Kelvin

Major Cross Sections

<sup>77</sup>Ir-191



1

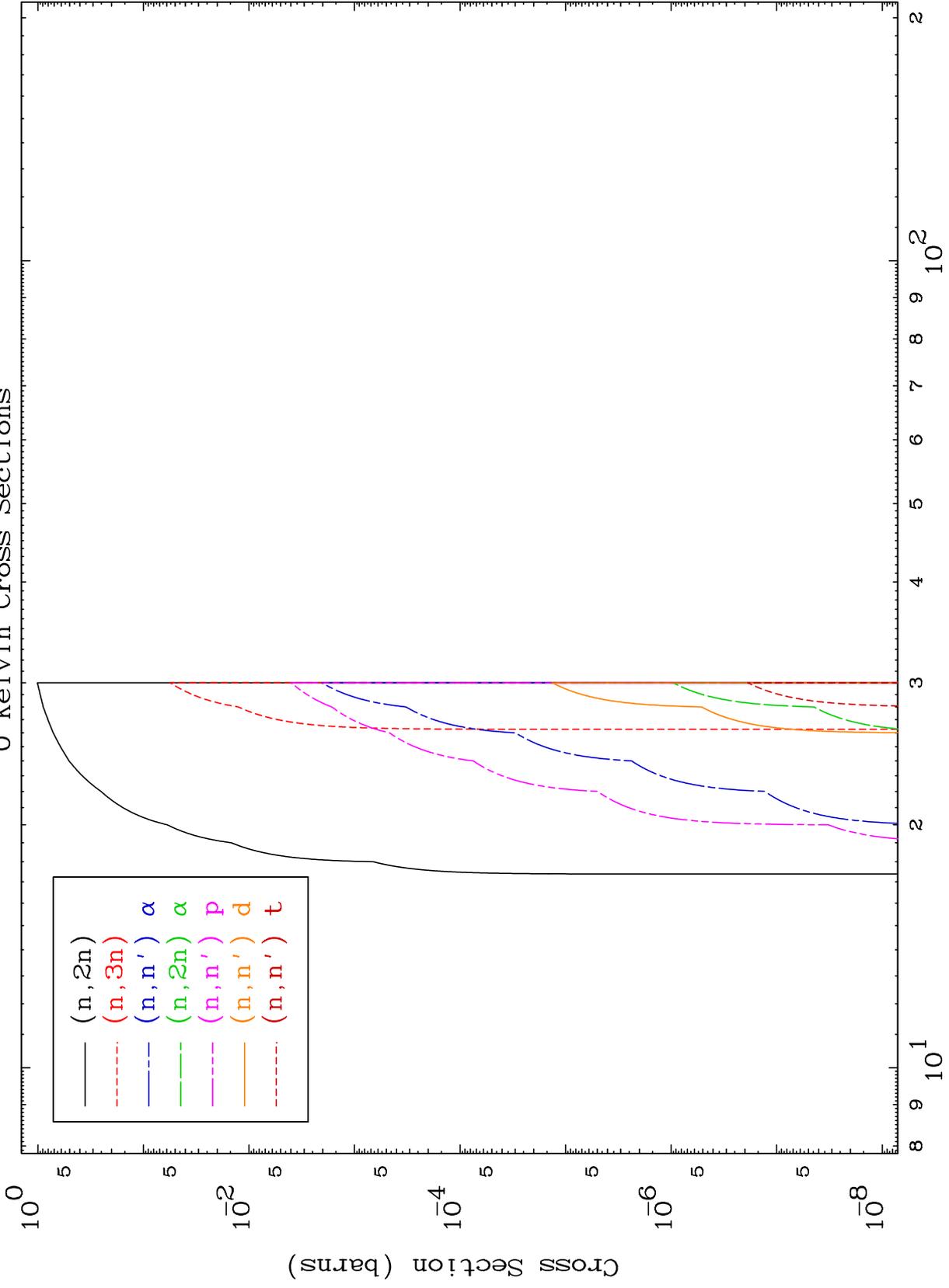
Incident Energy (MeV)

<sup>77</sup>Ir-191

MAT 7725

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-191



Incident Energy (MeV)

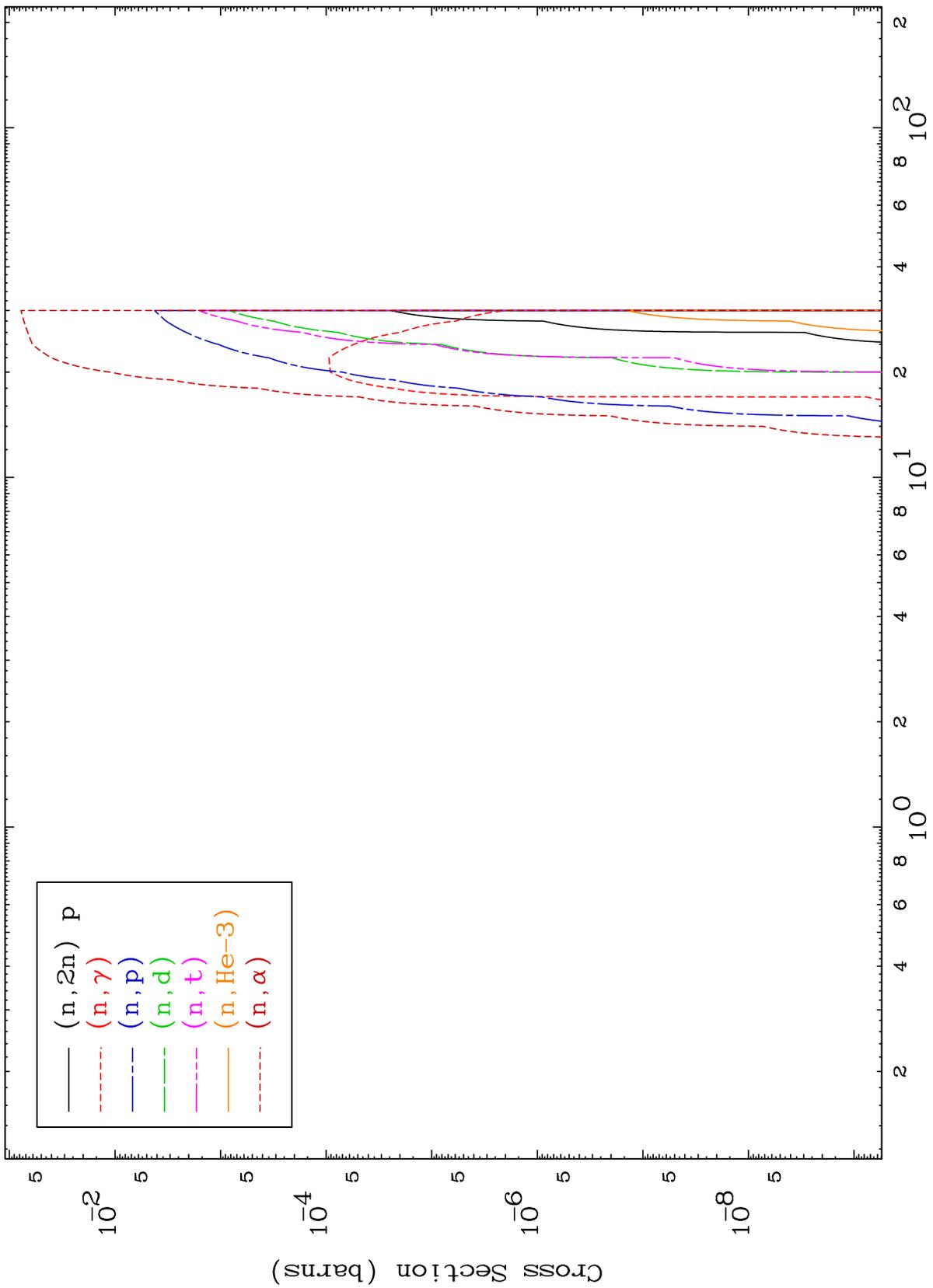
77-Ir-191

2

MAT 7725

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

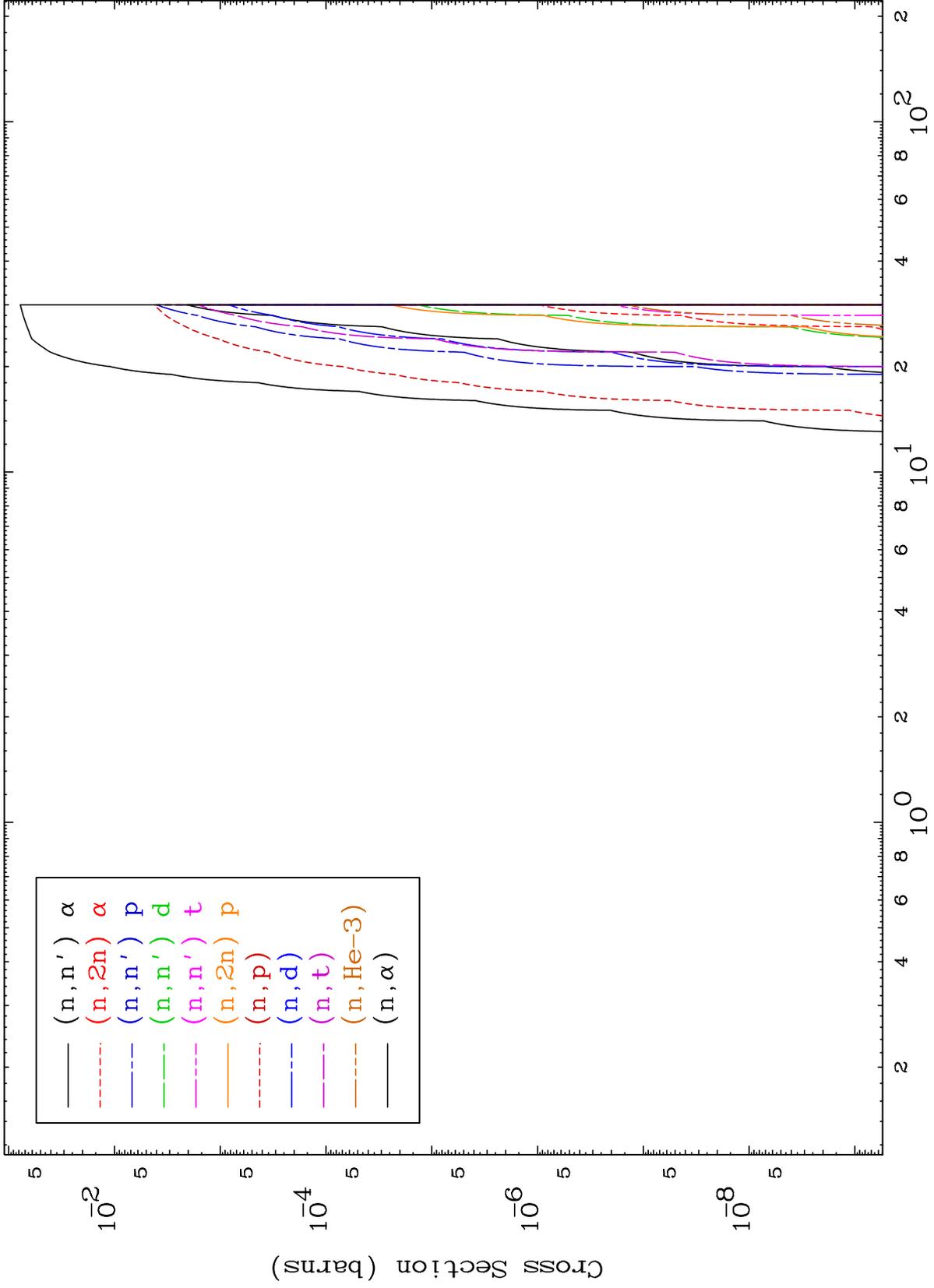
77-Ir-191



MAT 7725

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

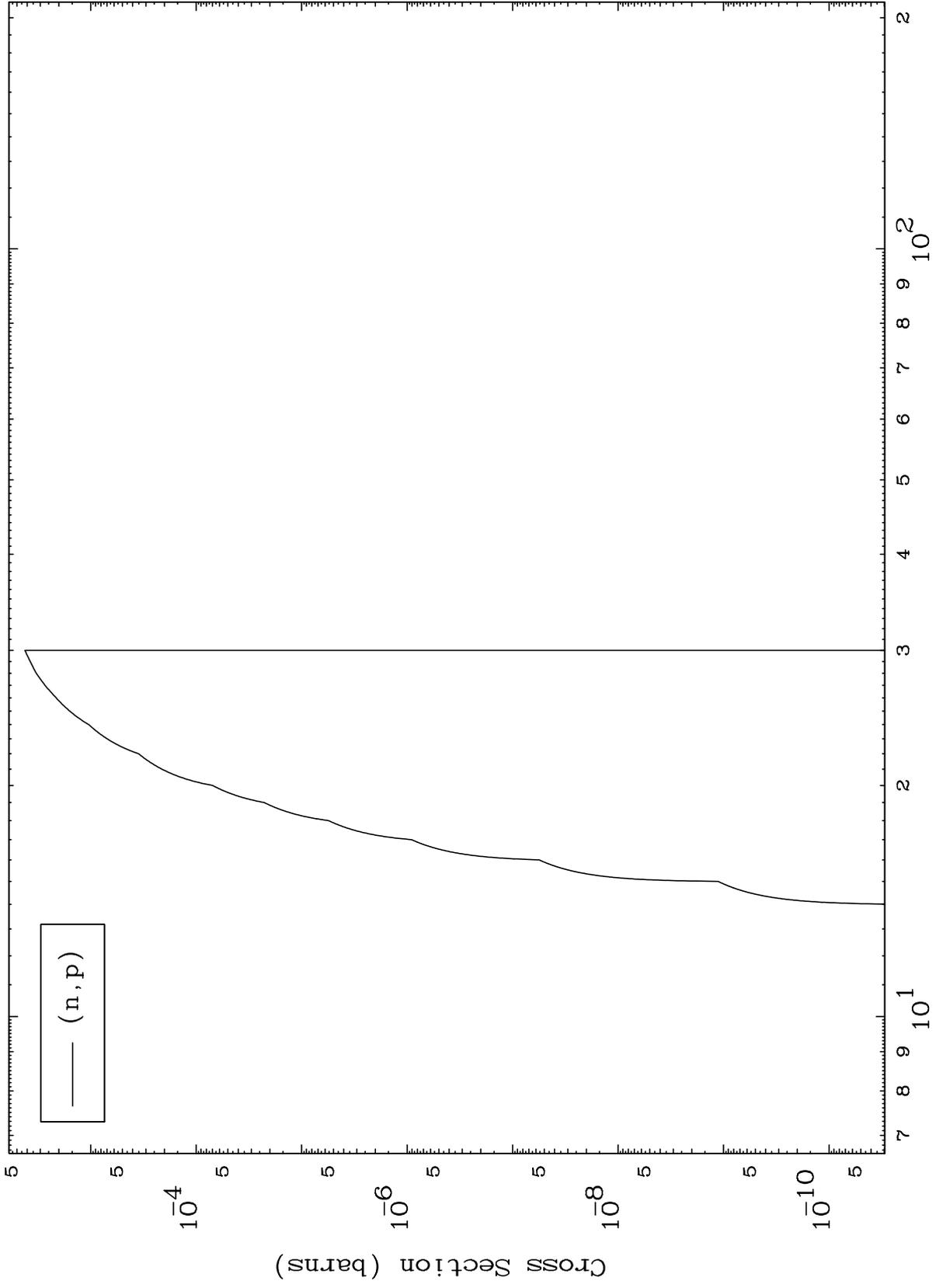
77-Ir-191



MAT 7725

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

77-Ir-191



5

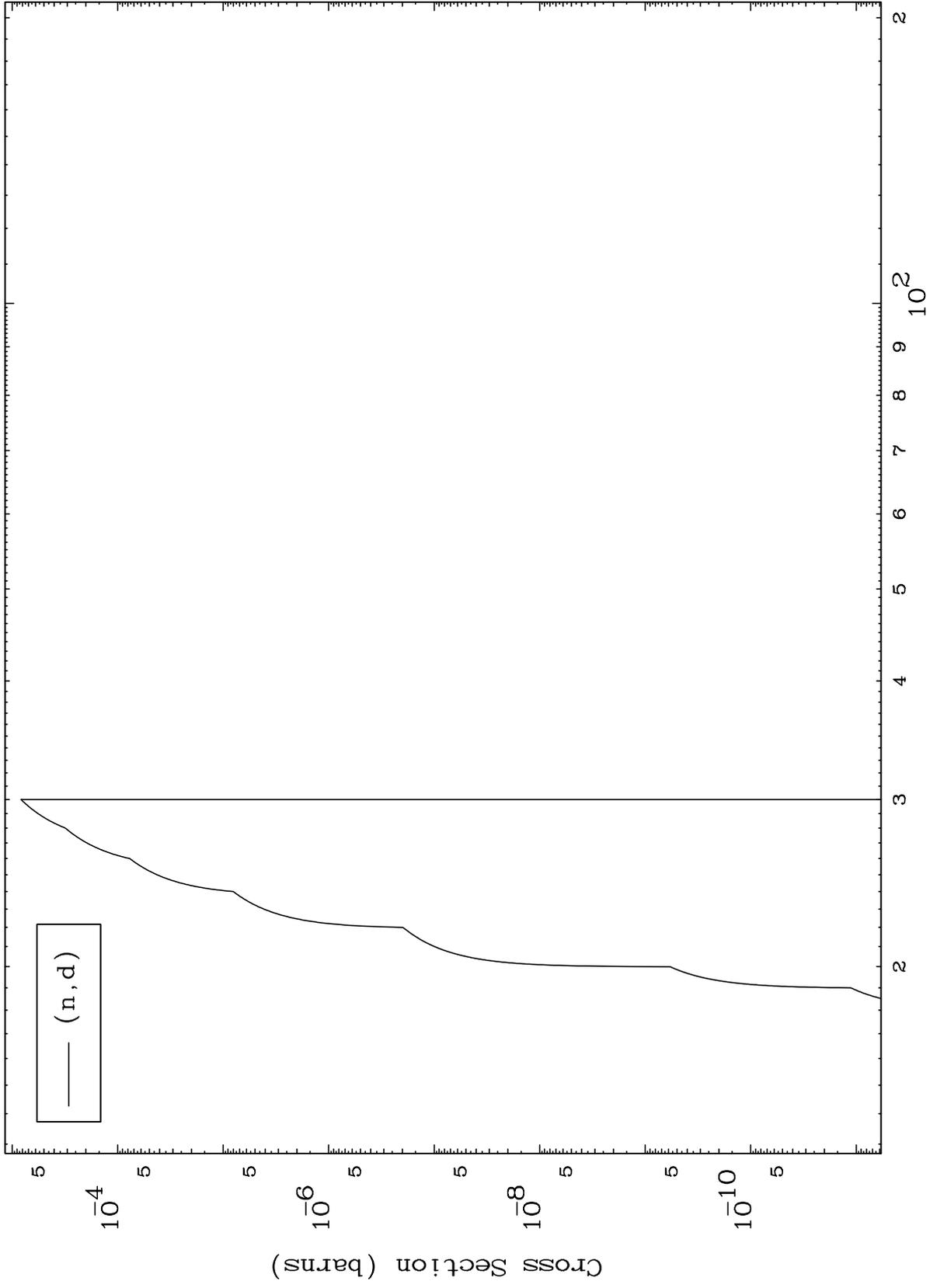
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



6

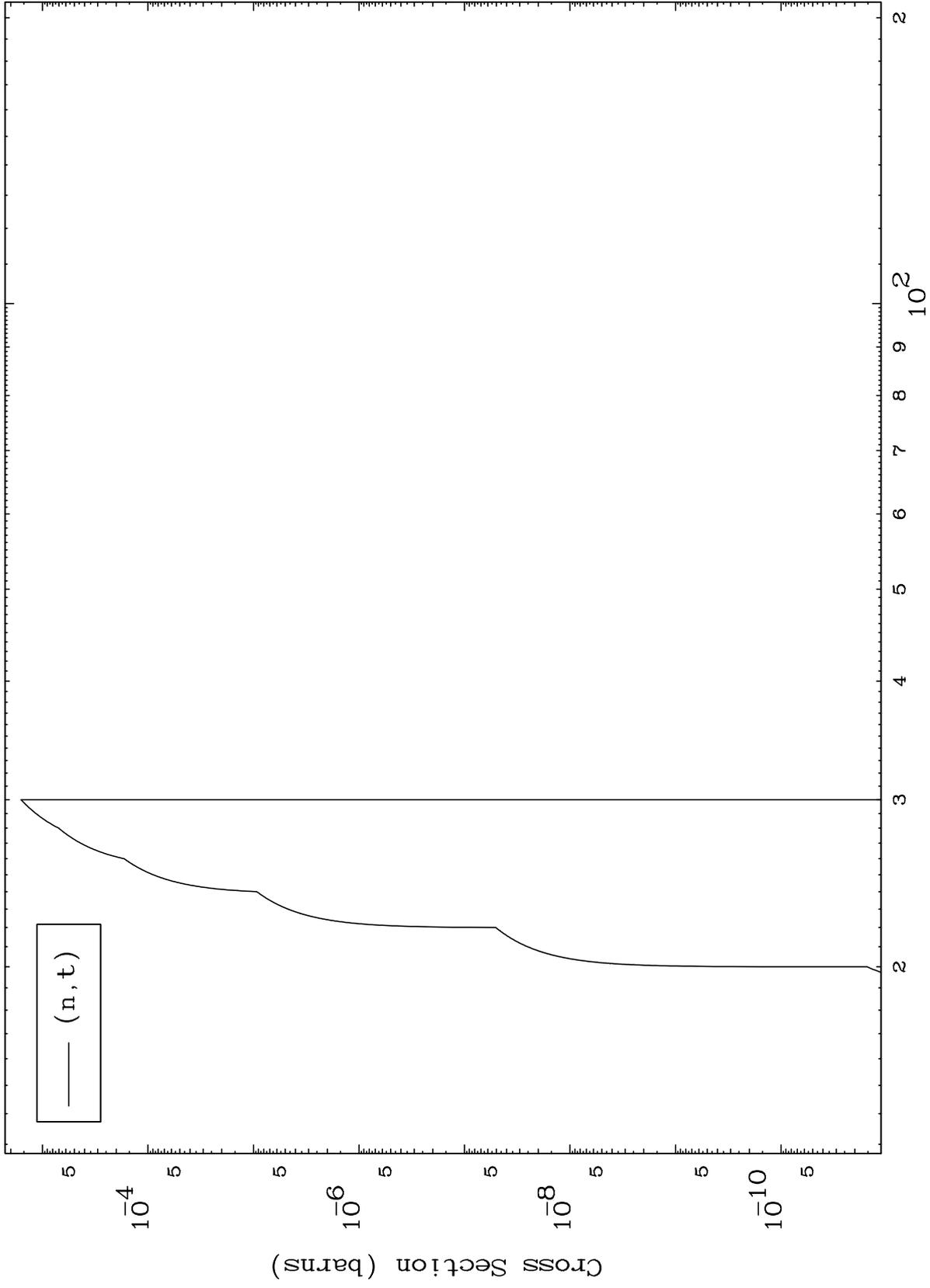
Incident Energy (MeV)

77-Ir-191

MAT 7725

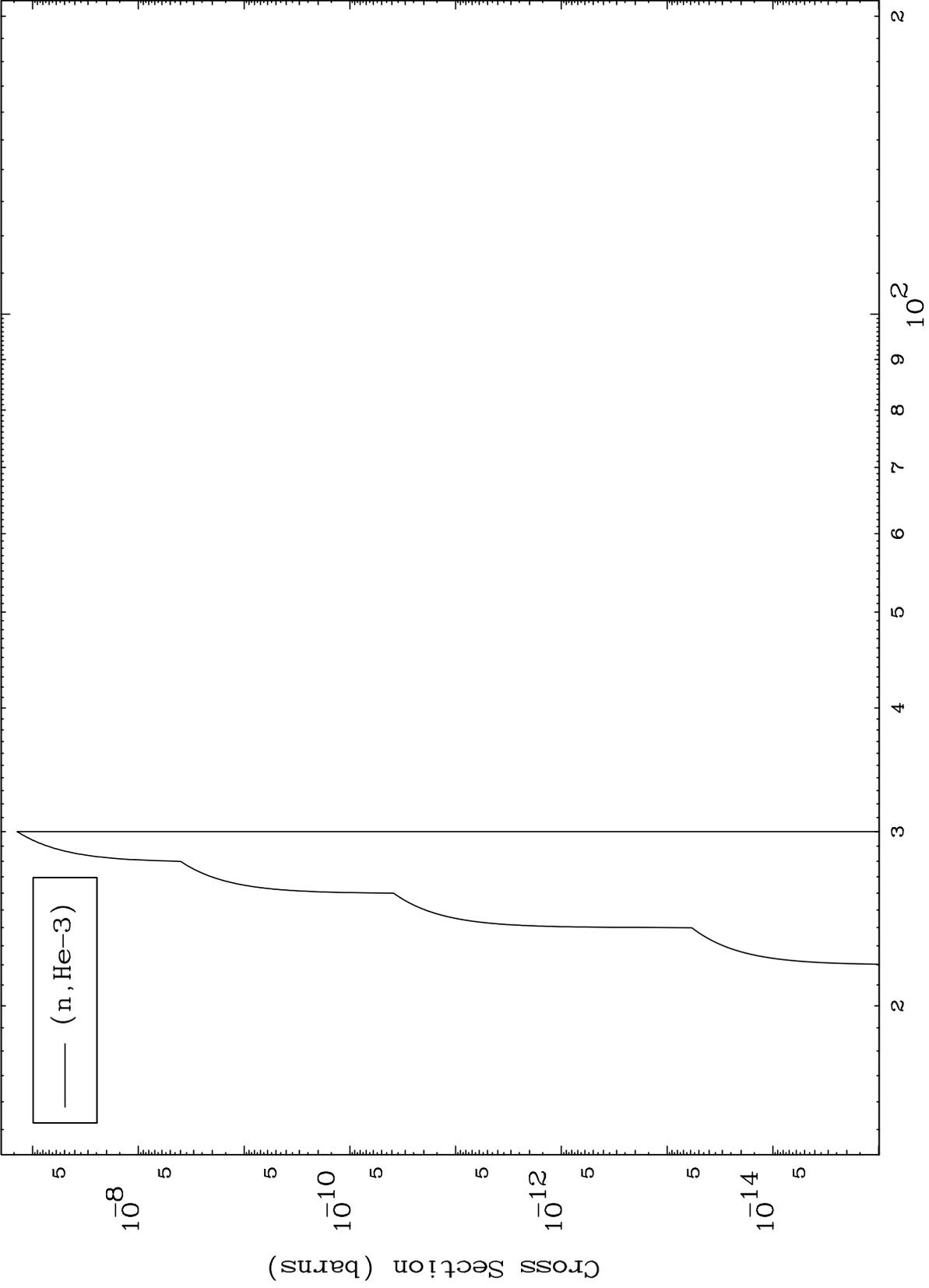
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

77-Ir-191



(n, t)

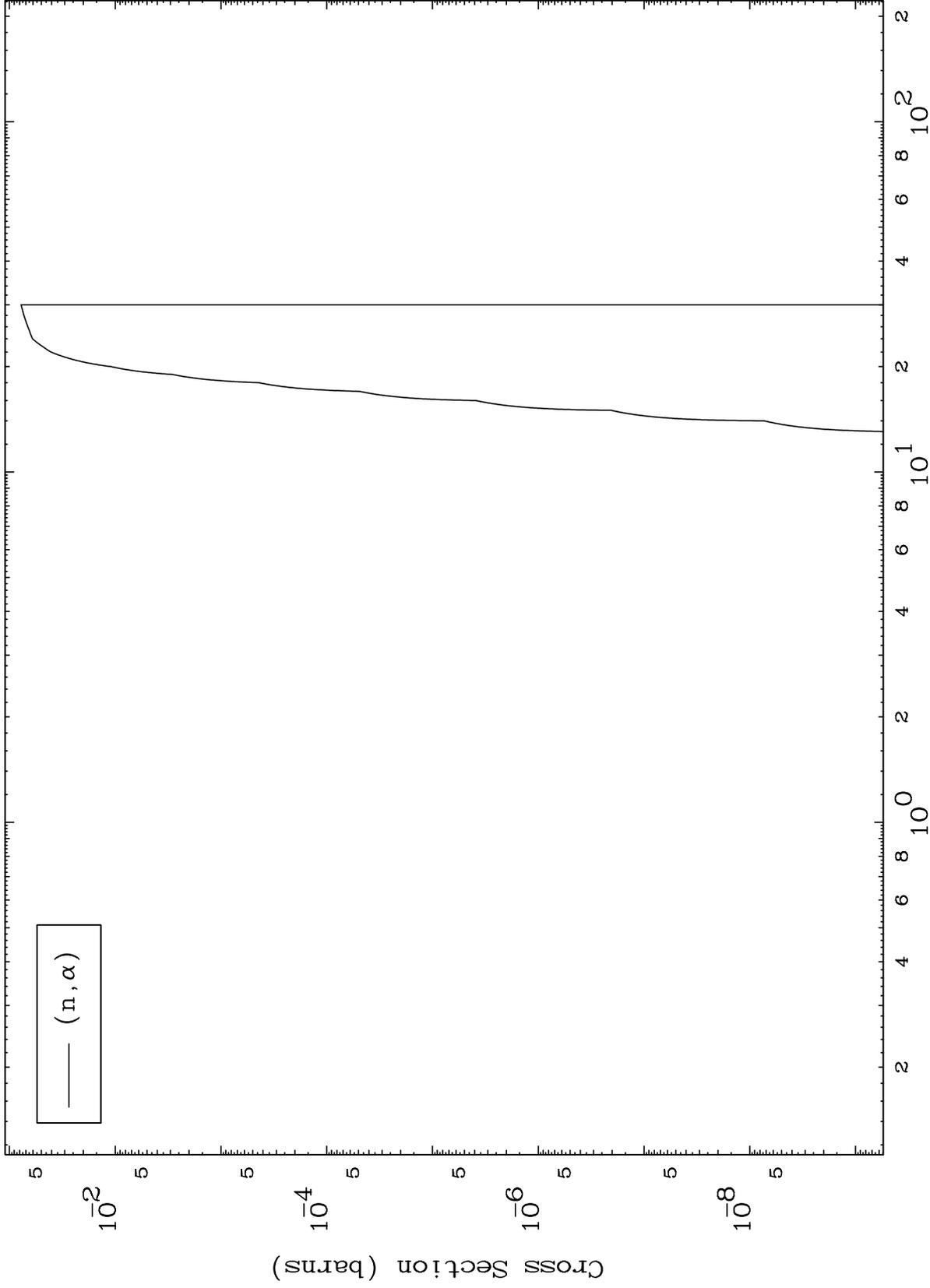
( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



MAT 7725

77-Ir-191

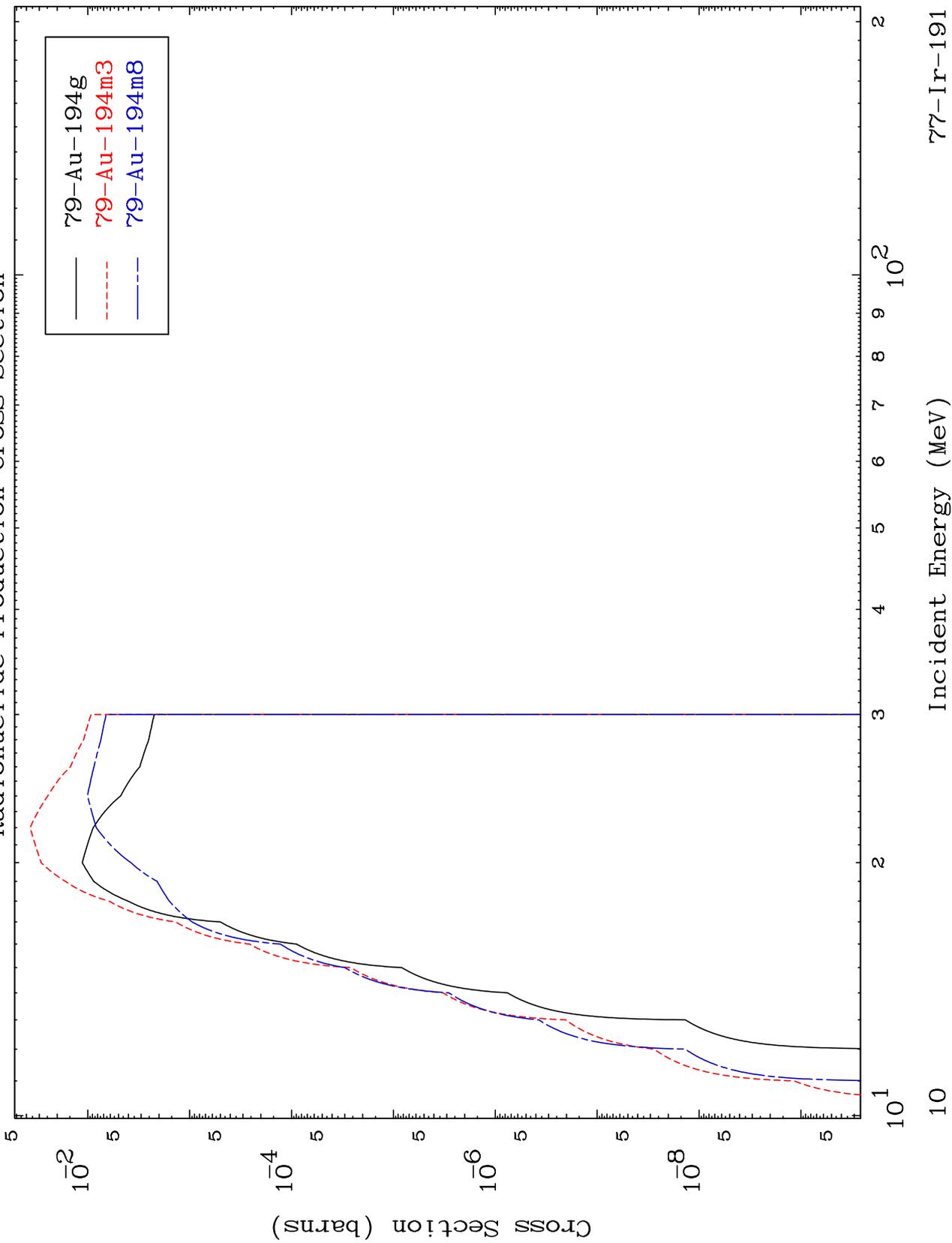
( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 7725

77-Ir-191

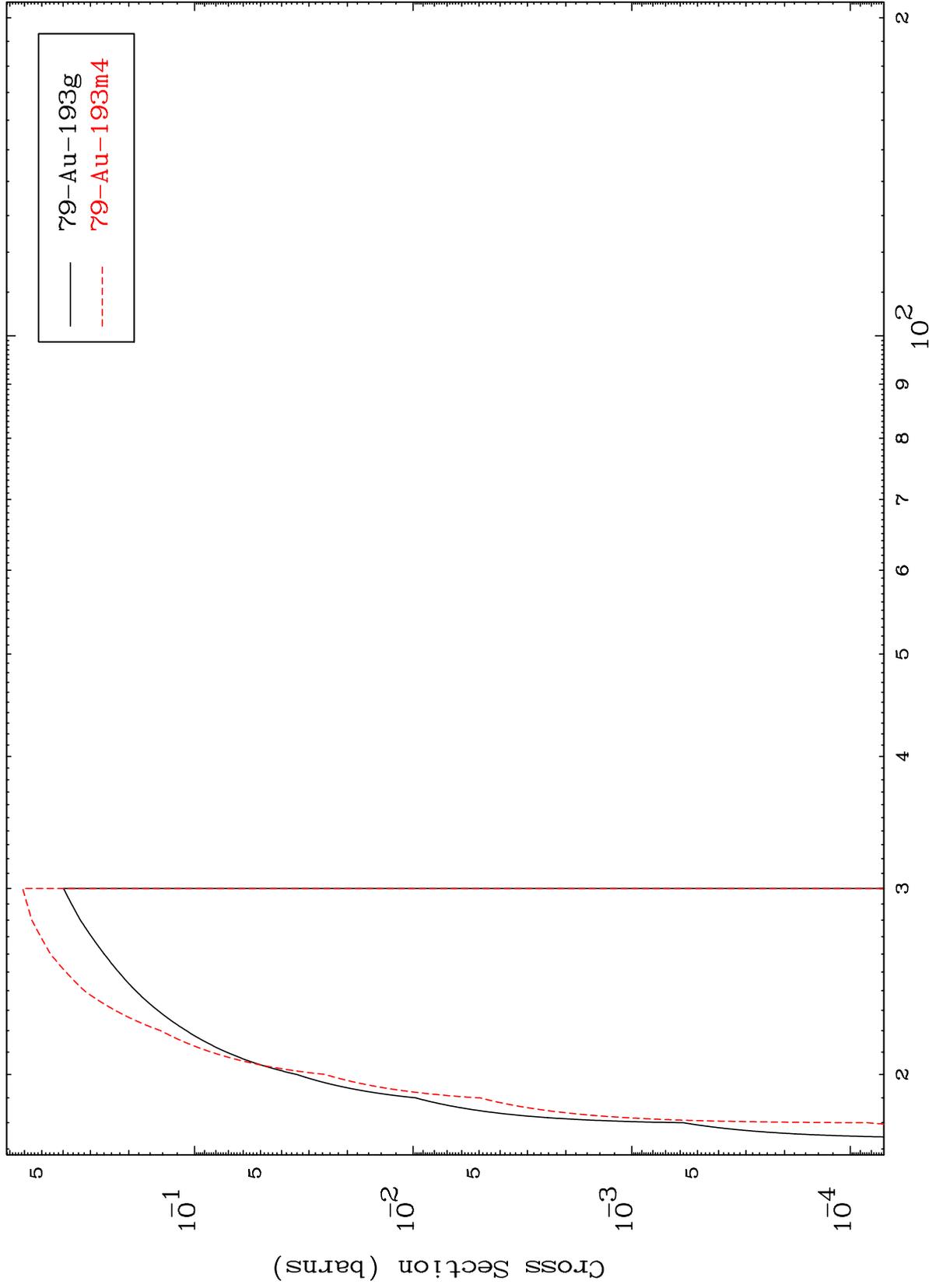
Inelastic  
Radionuclide Production Cross Section



77-Ir-191

Incident Energy (MeV)

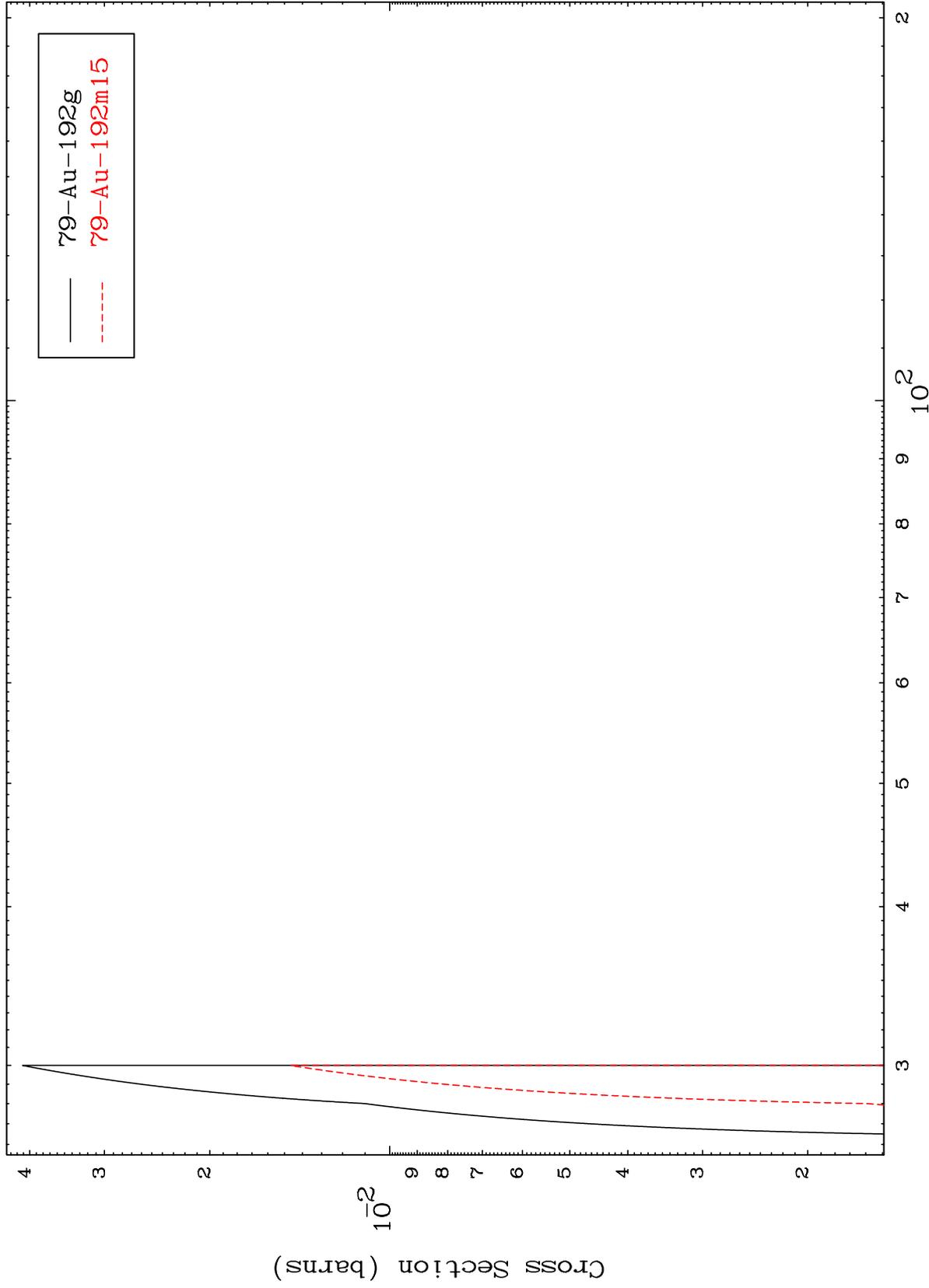
Radionuclide Production Cross Section



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77-Ir-191

(n,3n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

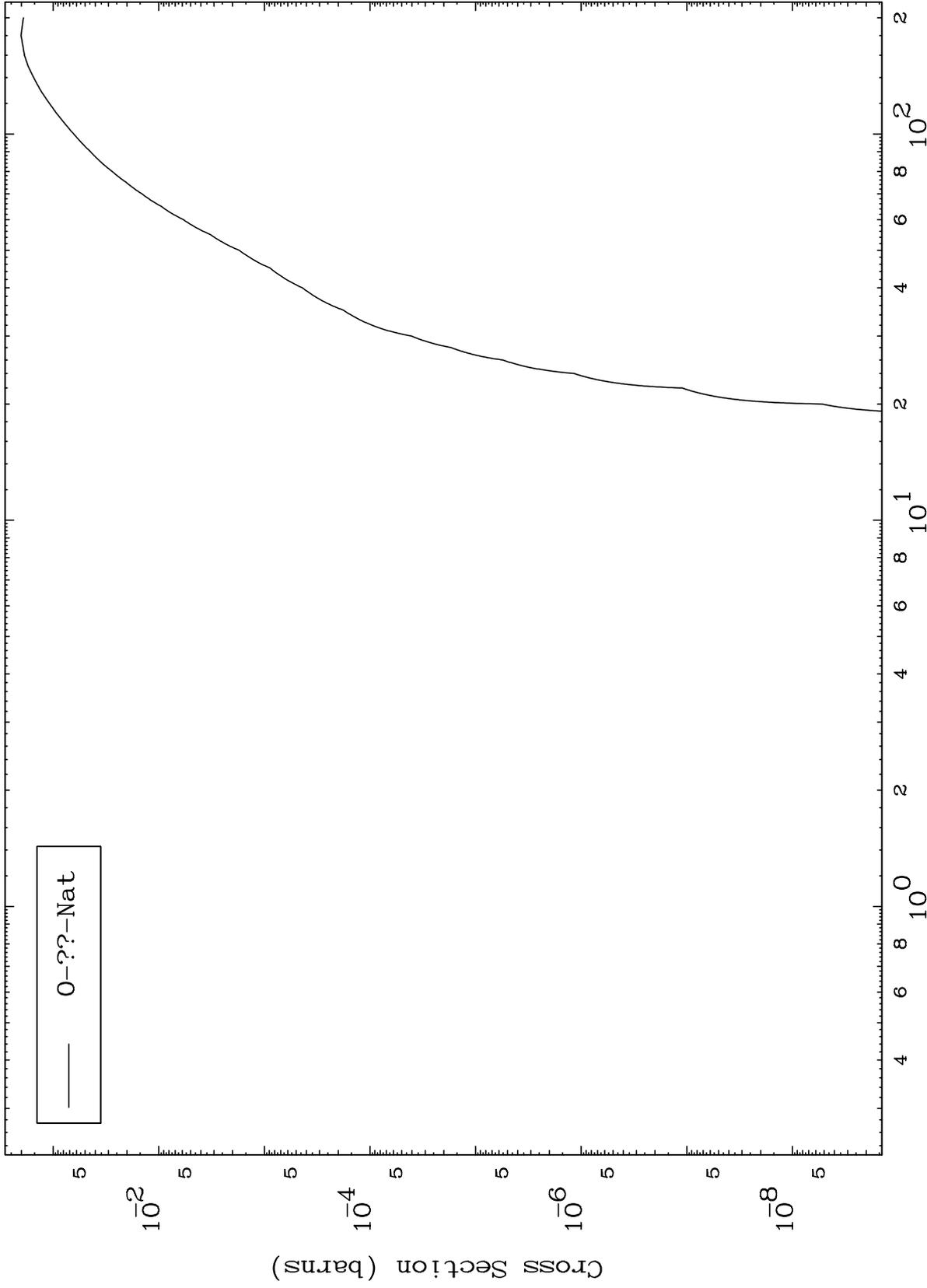
77-Ir-191

MAT 7725

Fission

<sup>77</sup>Ir-191

Radionuclide Production Cross Section

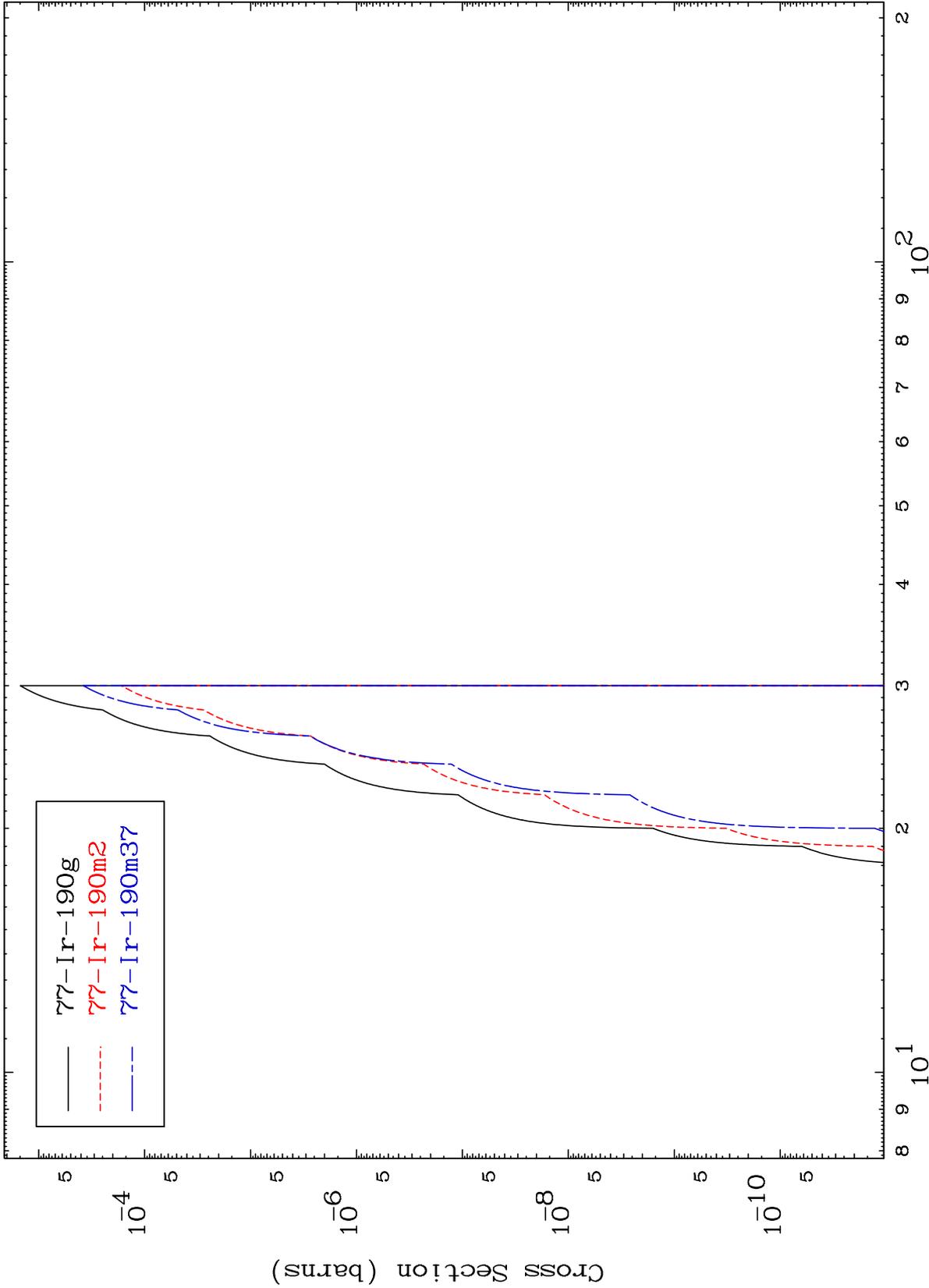


MAT 7725

<sup>77</sup>Ir-191

(n,n') α

Radionuclide Production Cross Section



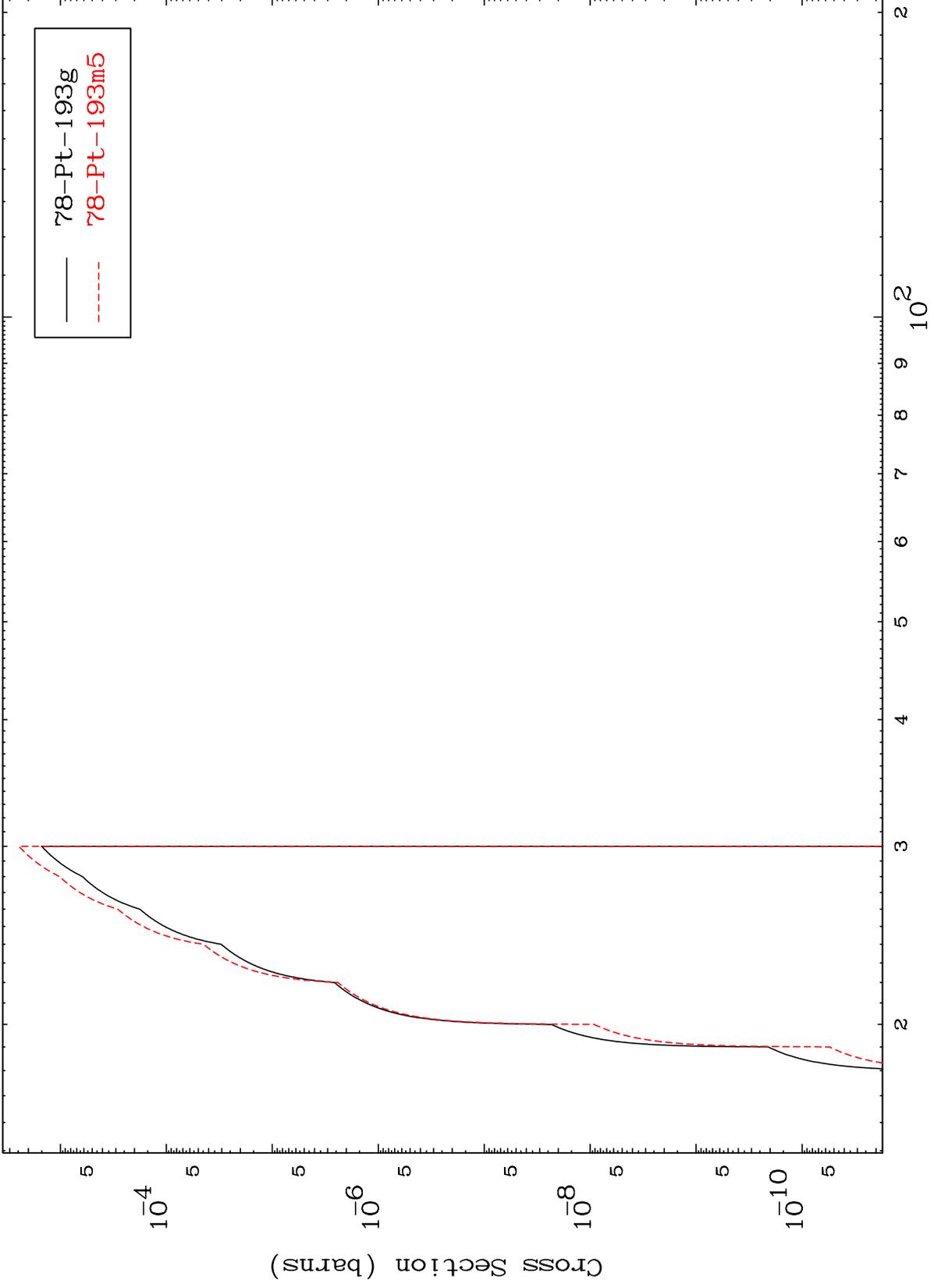
— <sup>77</sup>Ir-190g  
- - <sup>77</sup>Ir-190m2  
- - <sup>77</sup>Ir-190m37

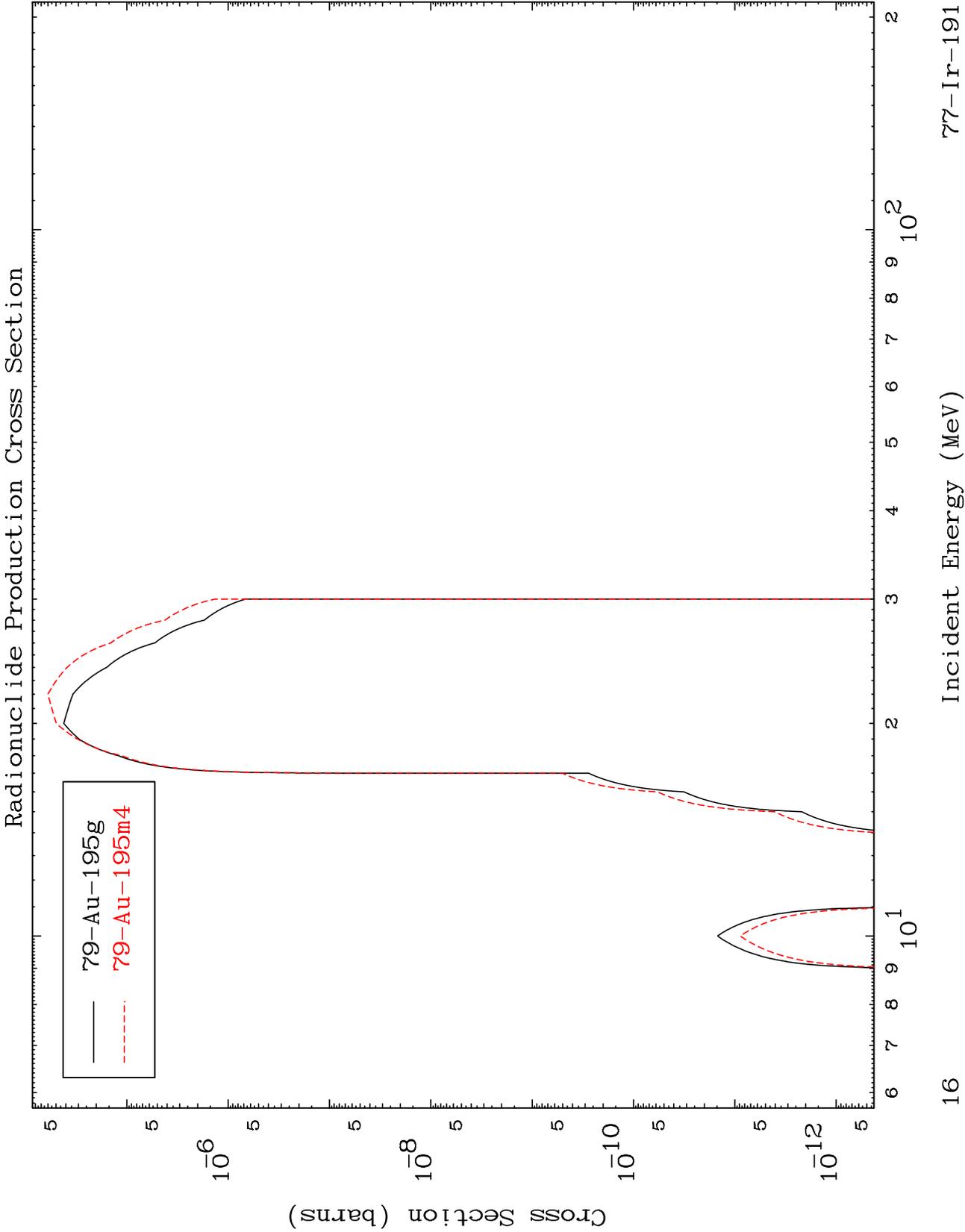
<sup>77</sup>Ir-191

Incident Energy (MeV)

14

Radionuclide Production Cross Section

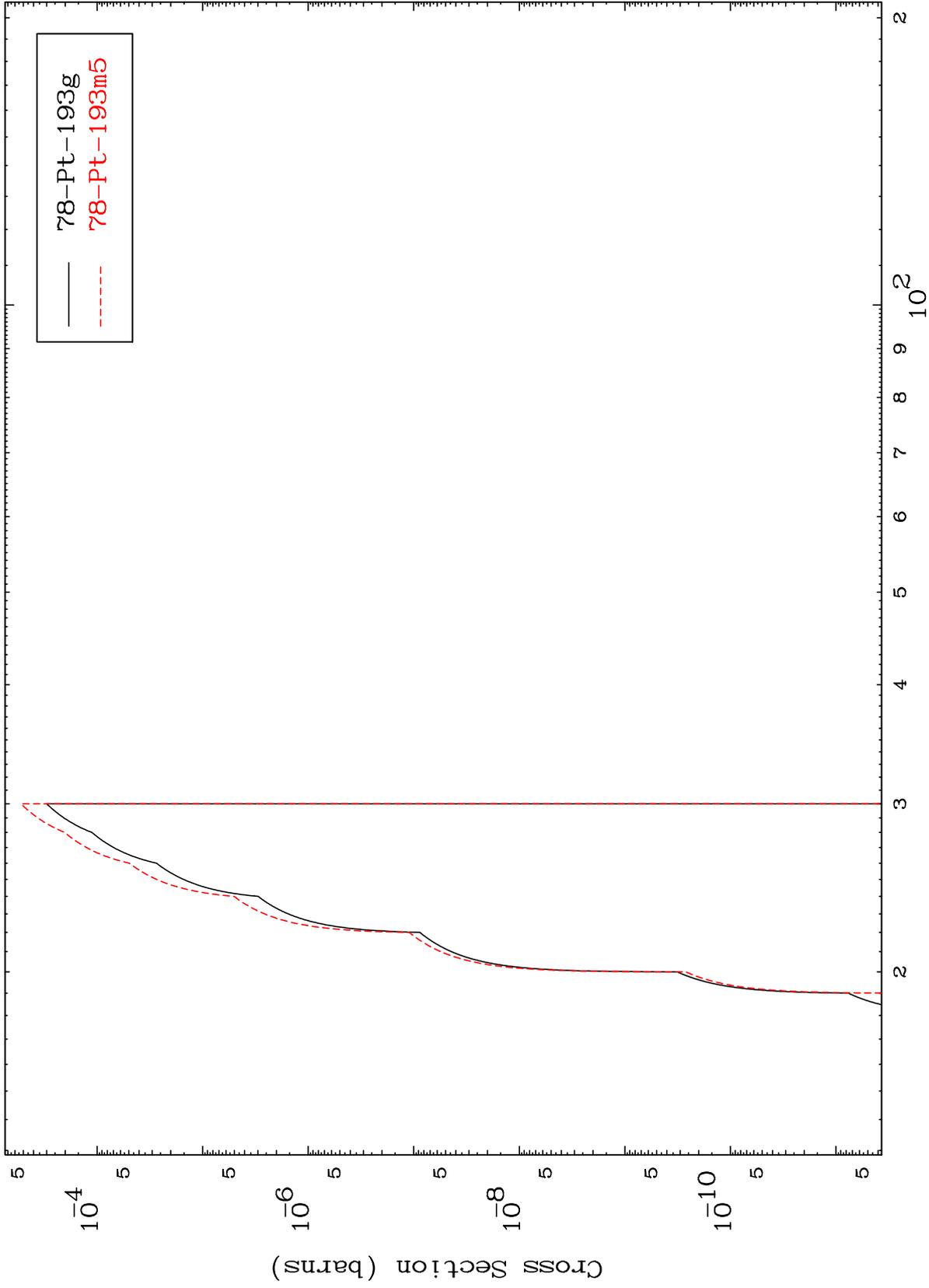




MAT 7725

77-Ir-191

(n,d)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

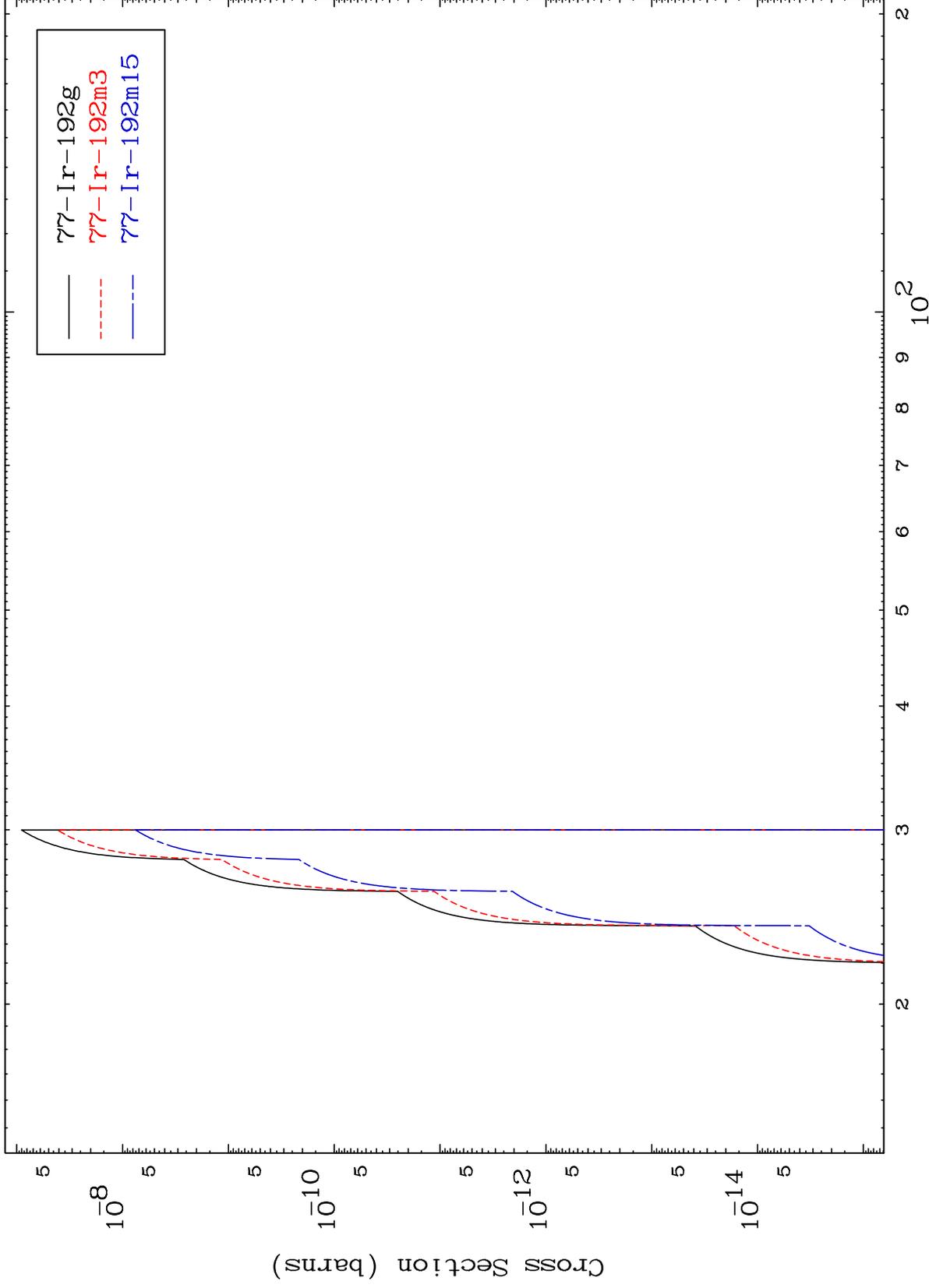
77-Ir-191

MAT 7725

(n,He-3)

77-Ir-191

Radionuclide Production Cross Section



18

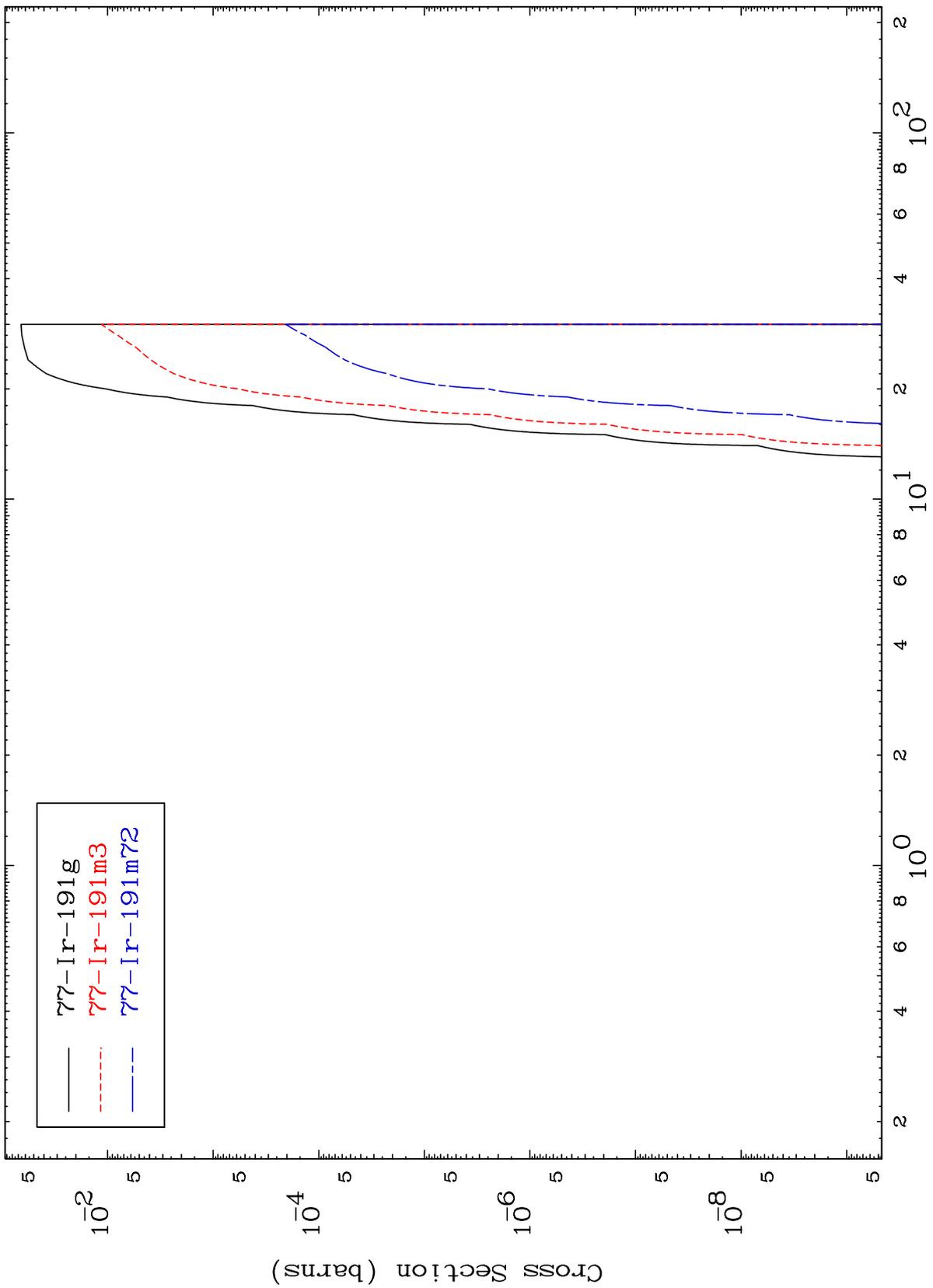
Incident Energy (MeV)

77-Ir-191

MAT 7725

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>77</sup>Ir-191

19