

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

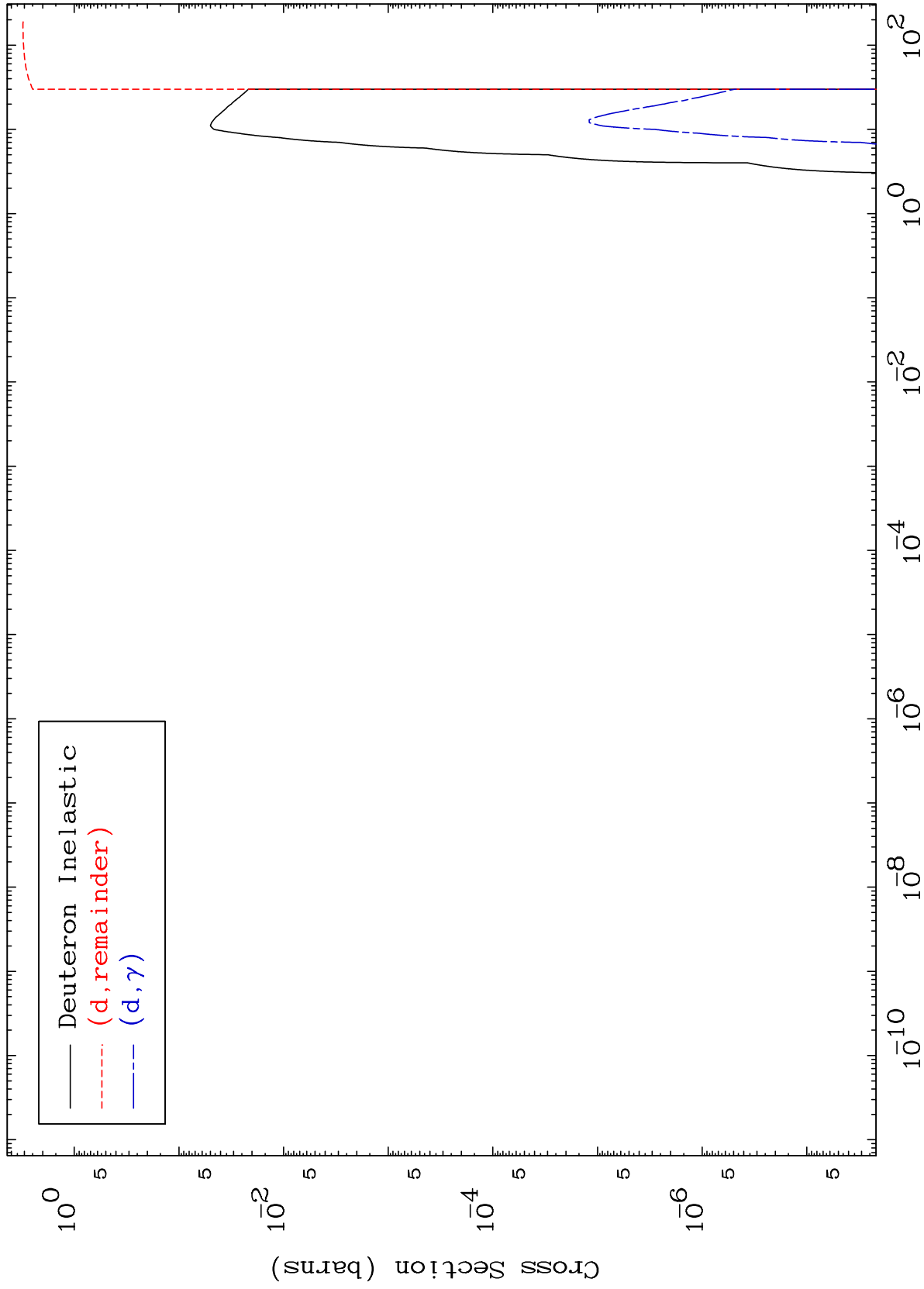
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

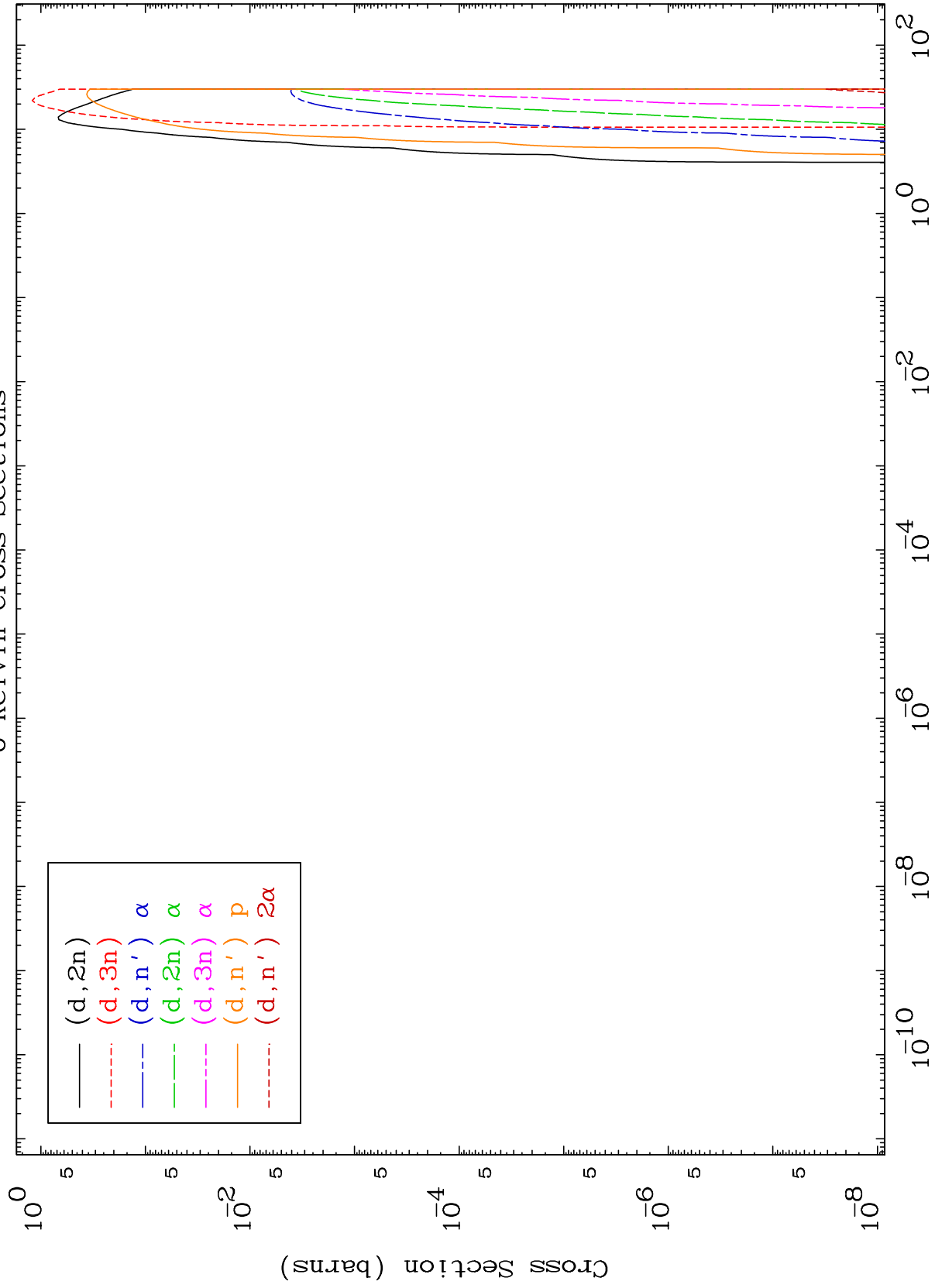
Press Mouse Button to Start



MAT 7725

Deuteron Neutron Production  
0 Kelvin Cross Sections

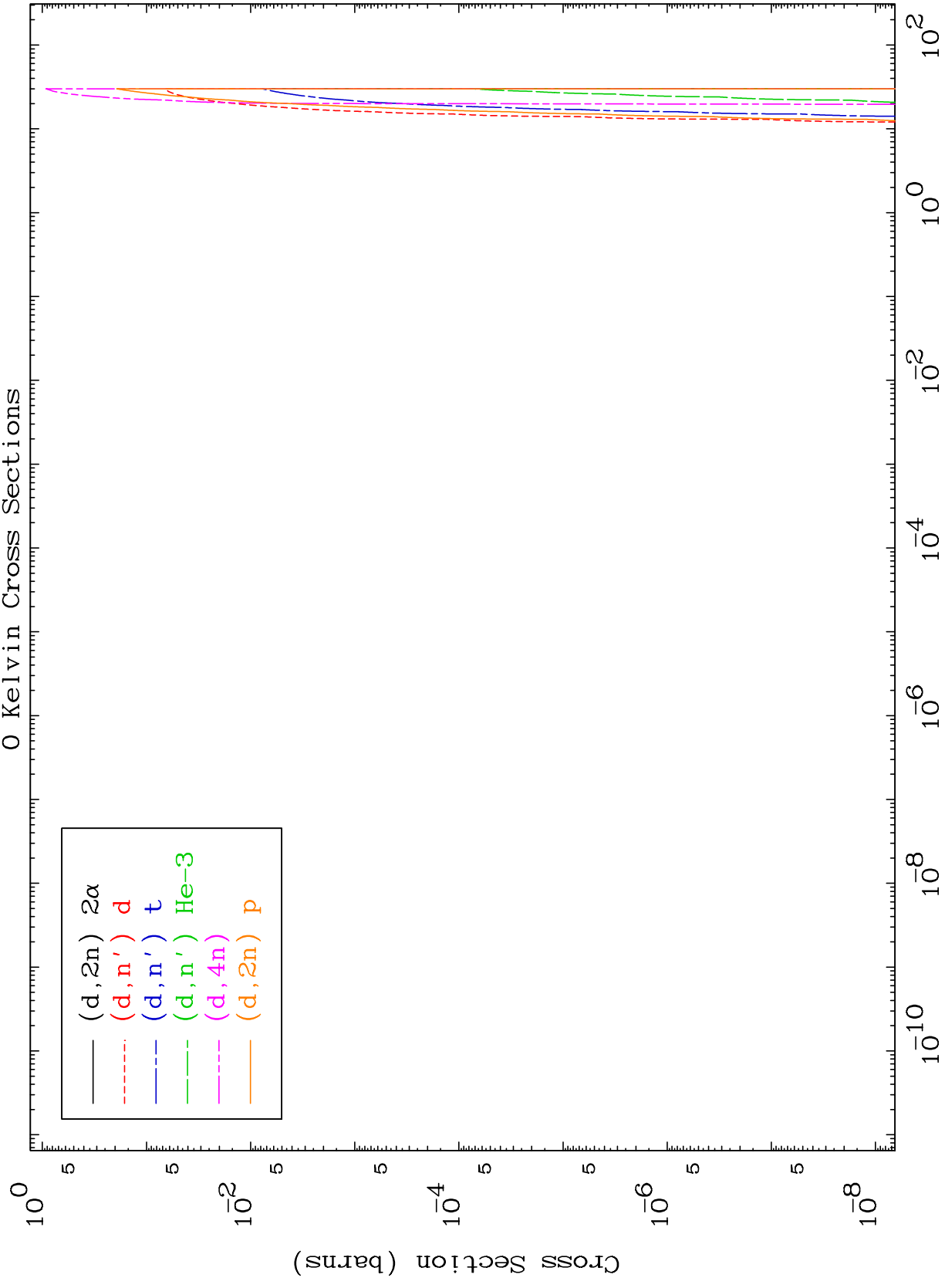
77-Ir-191



2

Incident Energy (MeV)

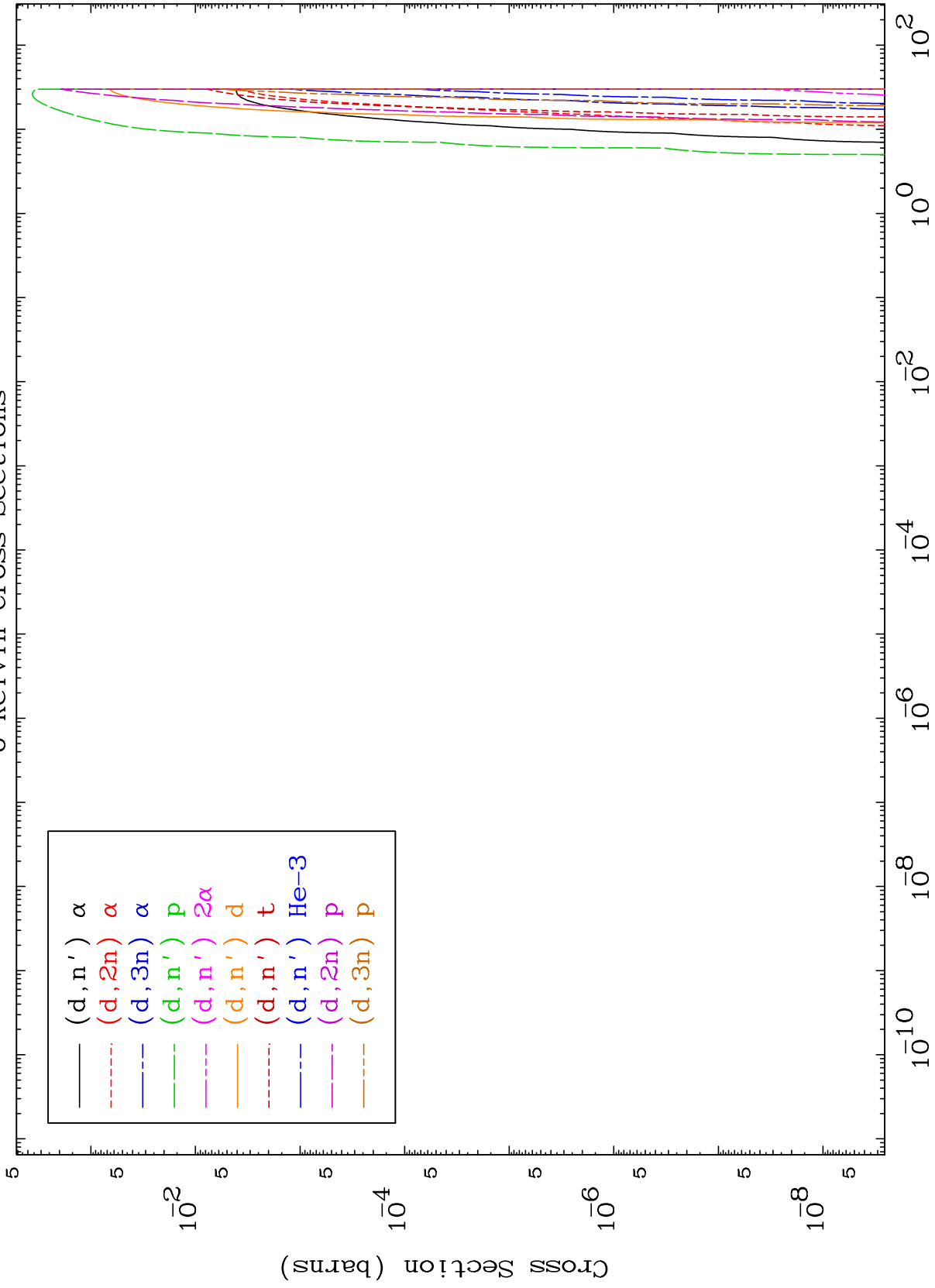
77-Ir-191

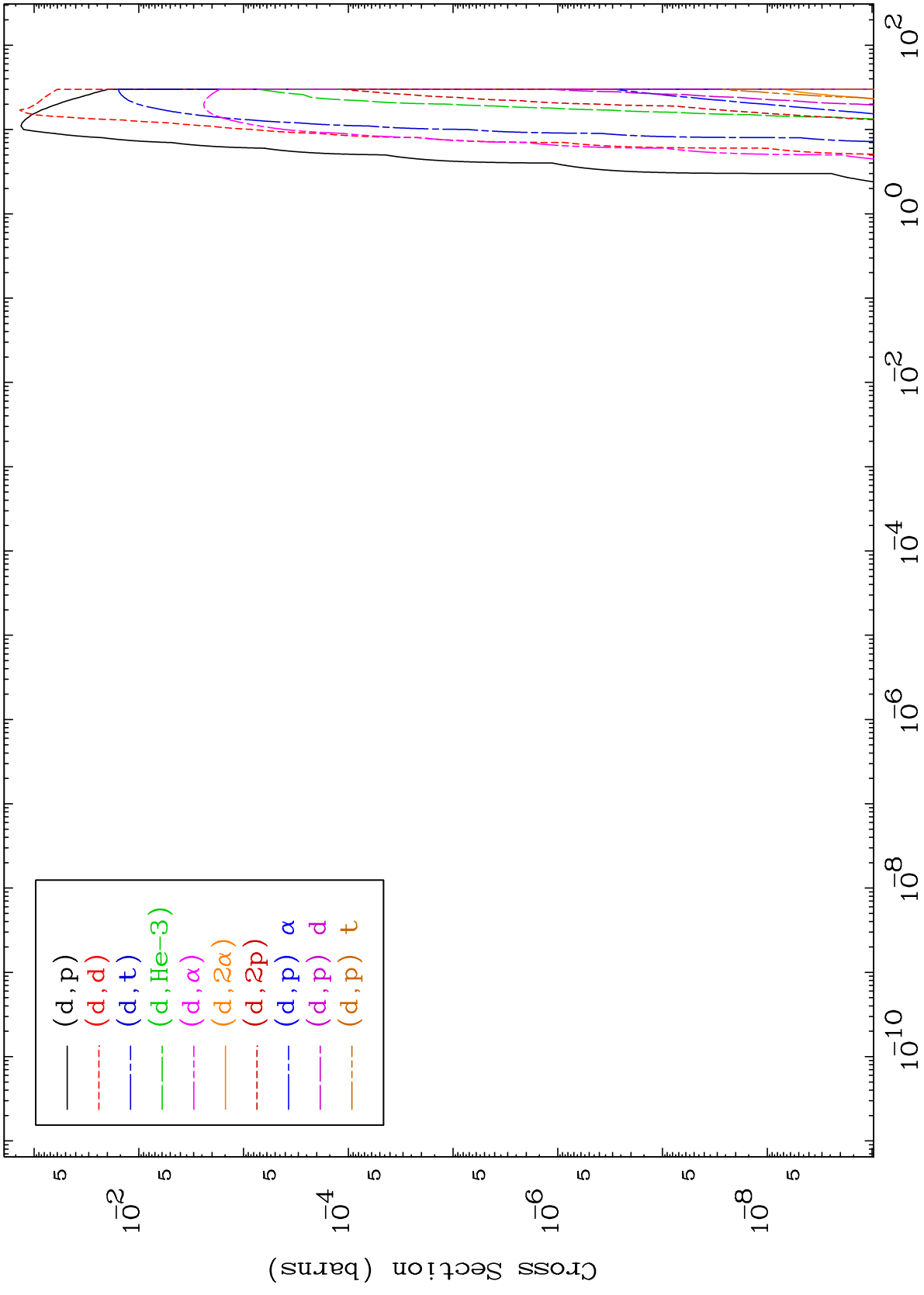


MAT 7725

Deuteron Charged Particle  
0 Kelvin Cross Sections

77-Ir-191

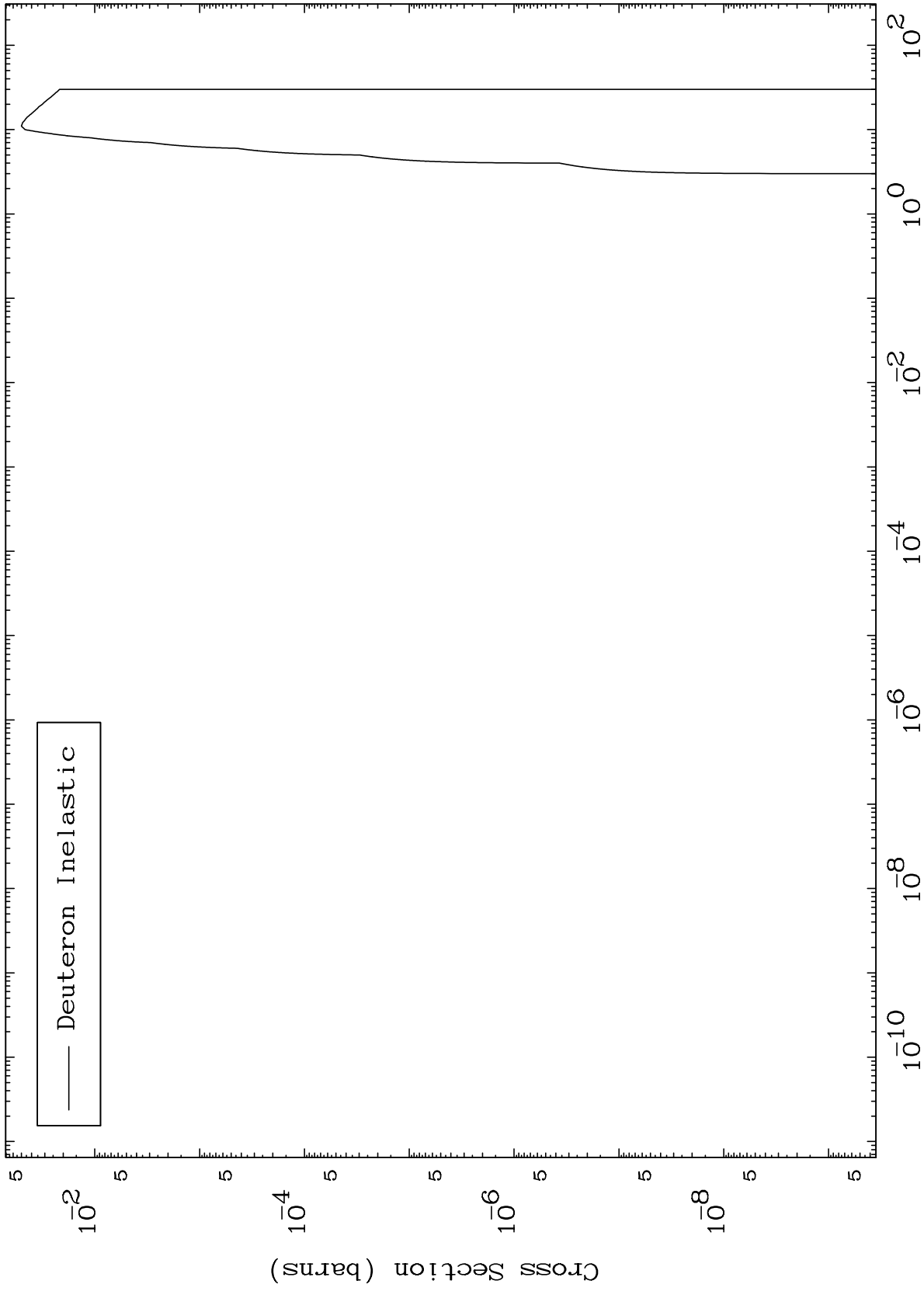




MAT 7725

(d,n') Level  
0 Kelvin Cross Sections

77-Ir-191



6

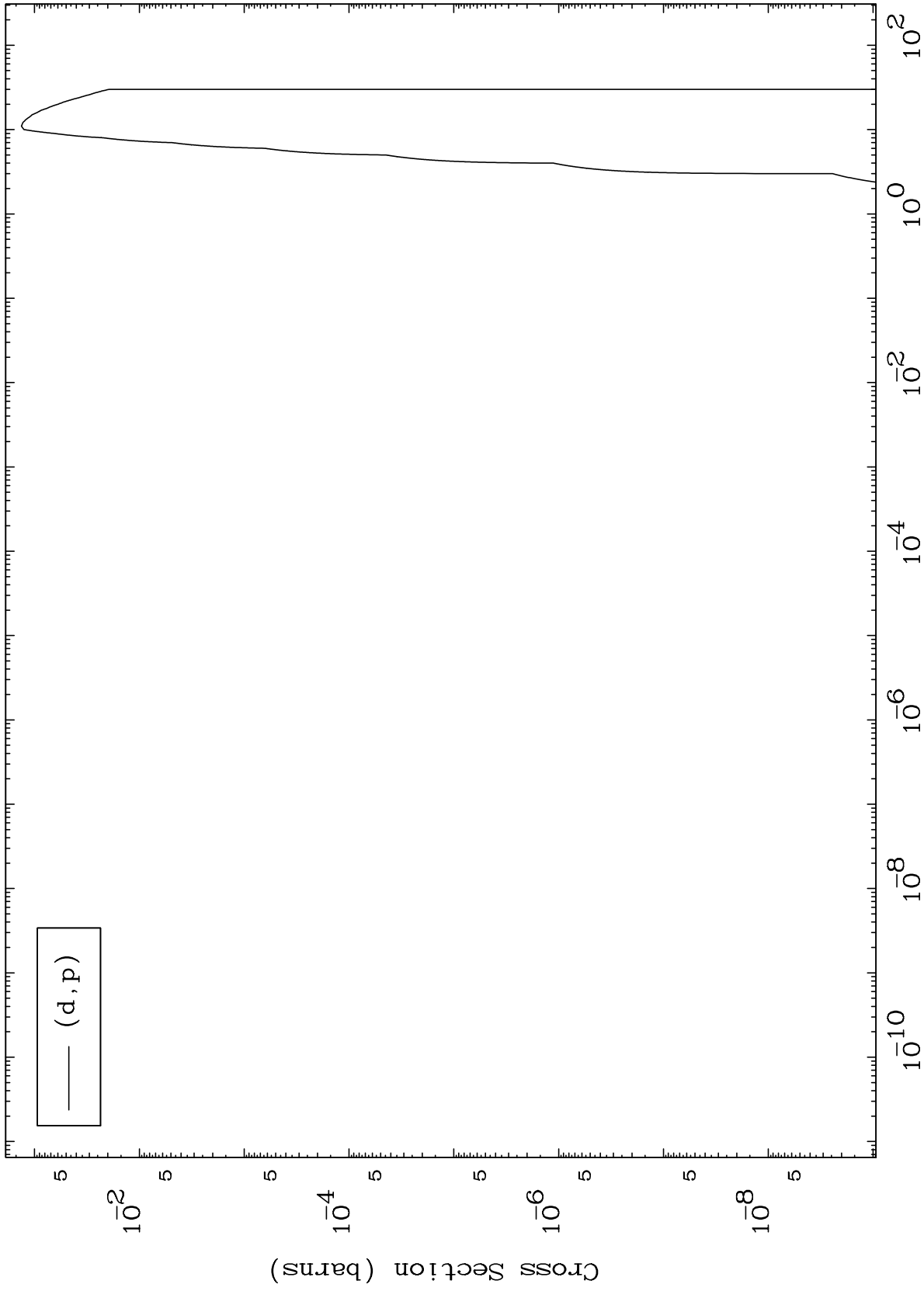
Incident Energy (MeV)

77-Ir-191

MAT 7725

(d,p) Levels  
0 Kelvin Cross Sections

77-Ir-191



7

Incident Energy (MeV)

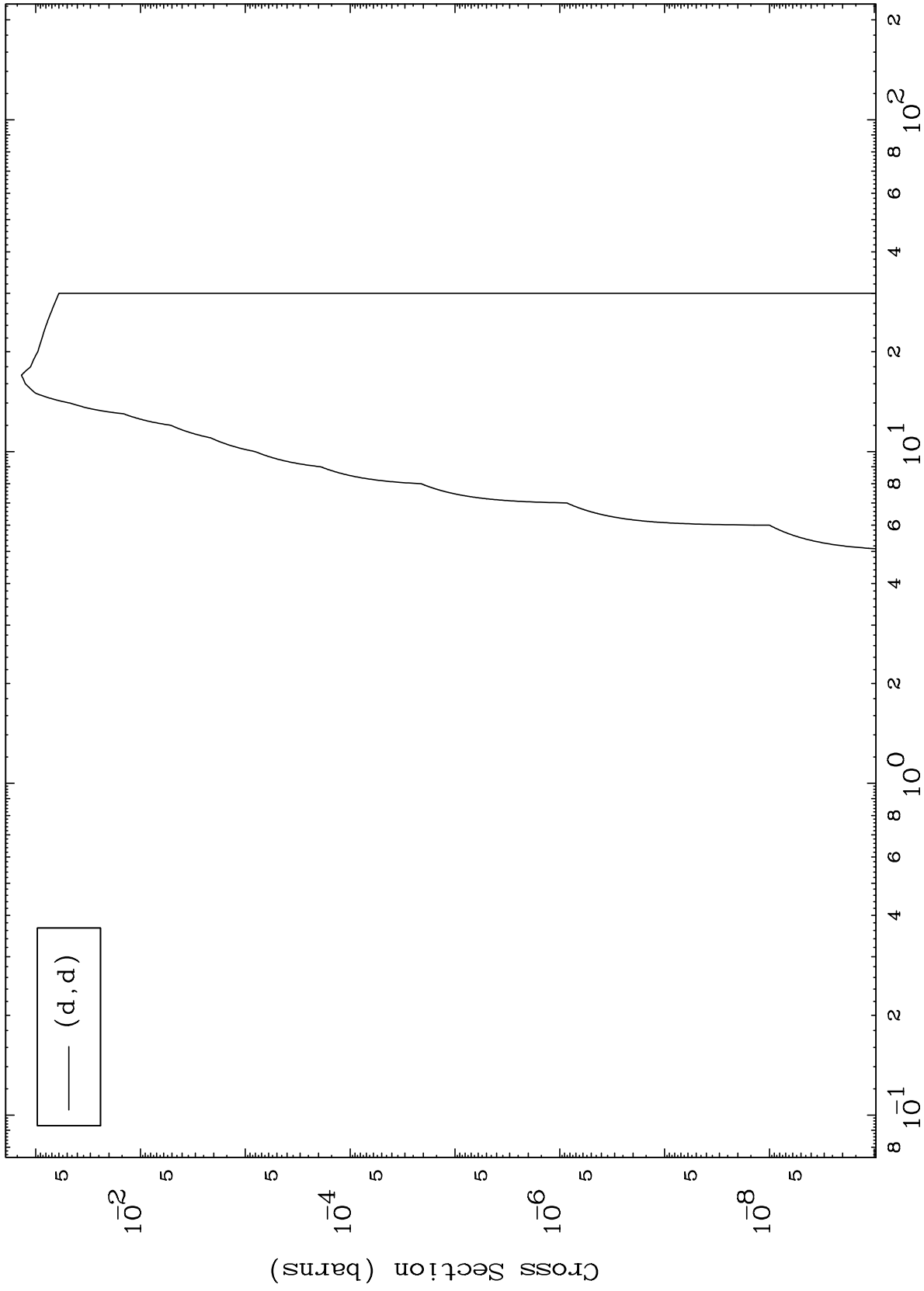
77-Ir-191



MAT 7725

(d,d) Levels  
0 Kelvin Cross Sections

77-Ir-191



8

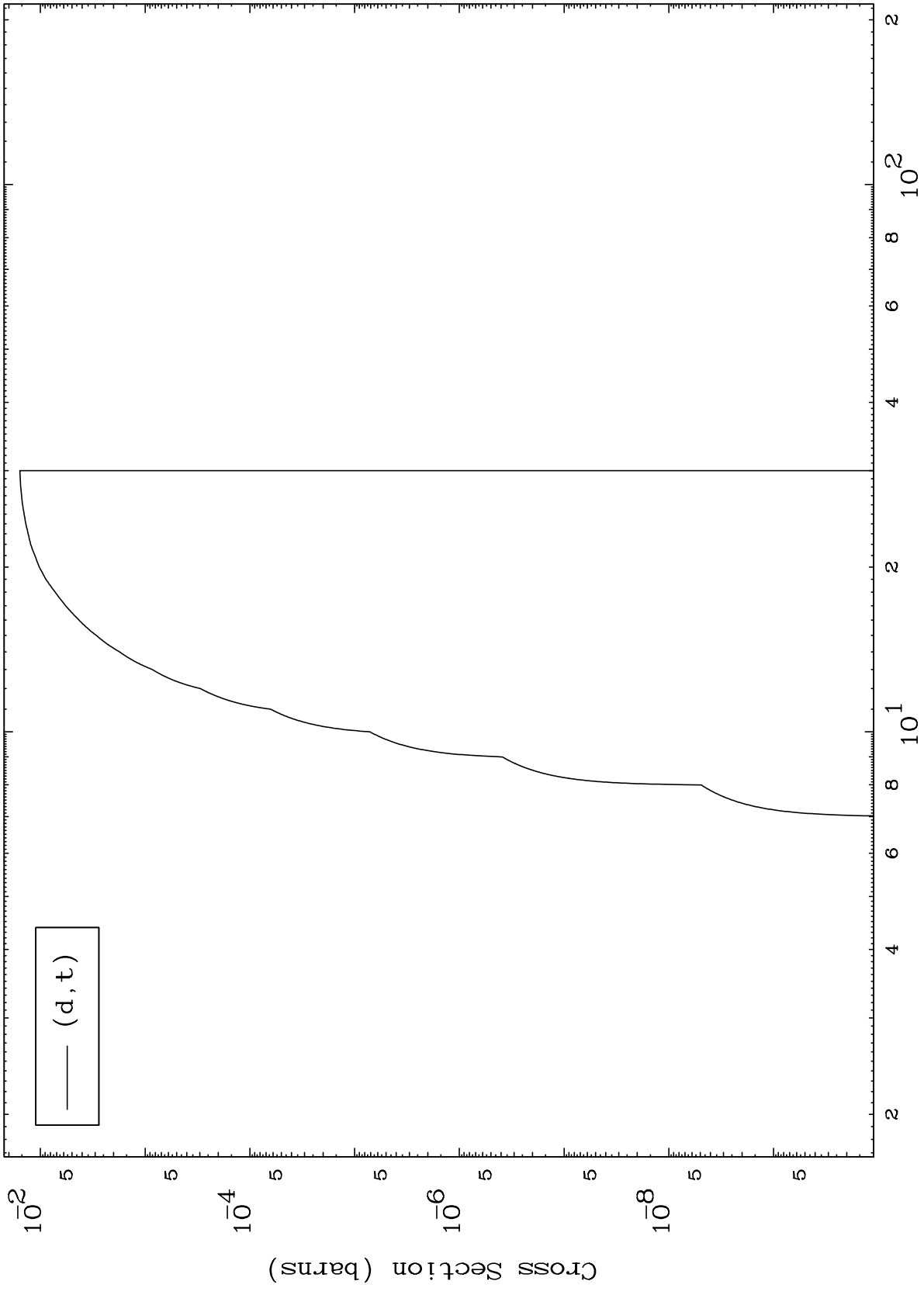
Incident Energy (MeV)

77-Ir-191

MAT 7725

(d,t) Levels  
0 Kelvin Cross Sections

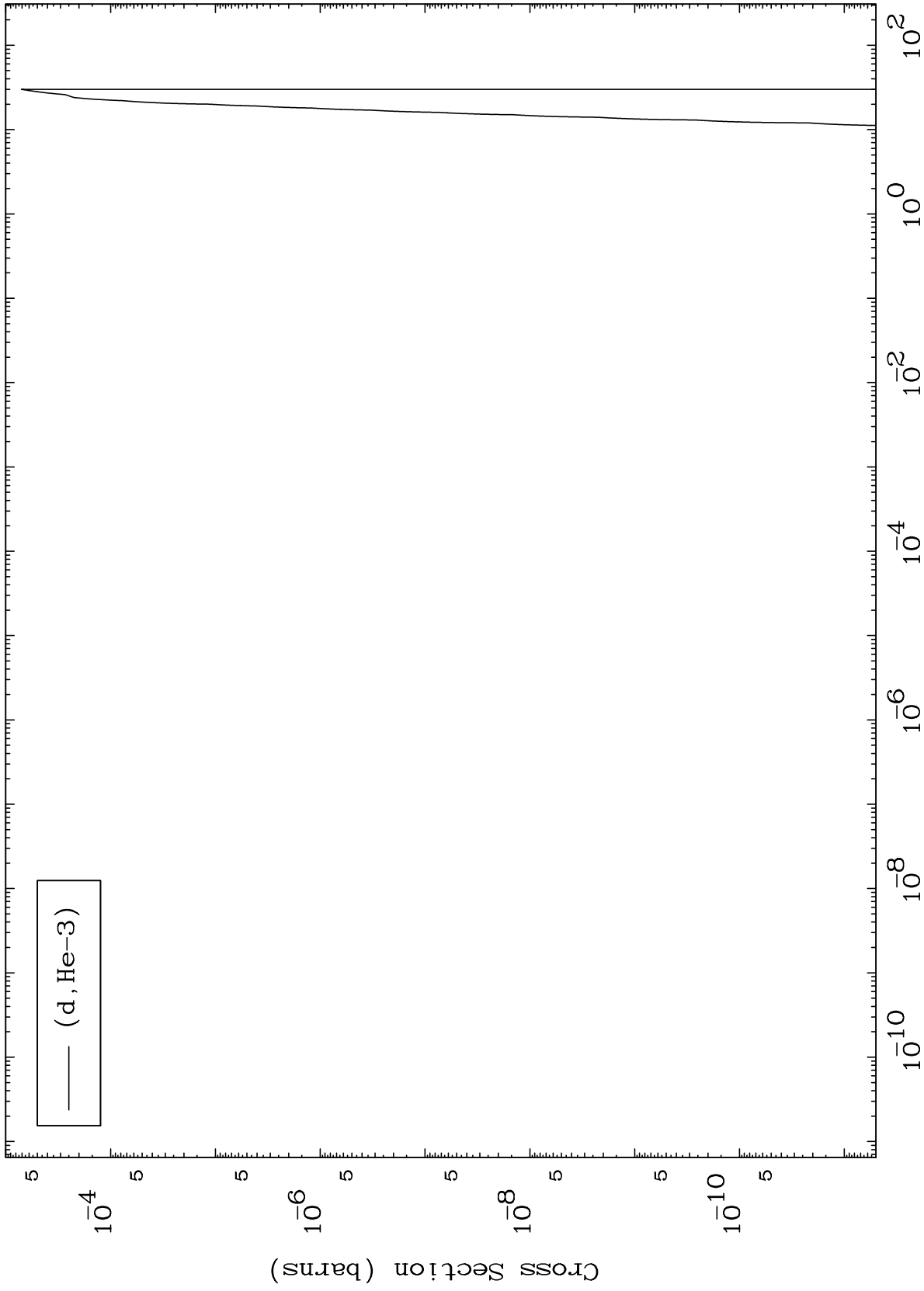
77-Ir-191



MAT 7725

(d,He3) Levels  
0 Kelvin Cross Sections

77-Ir-191



10

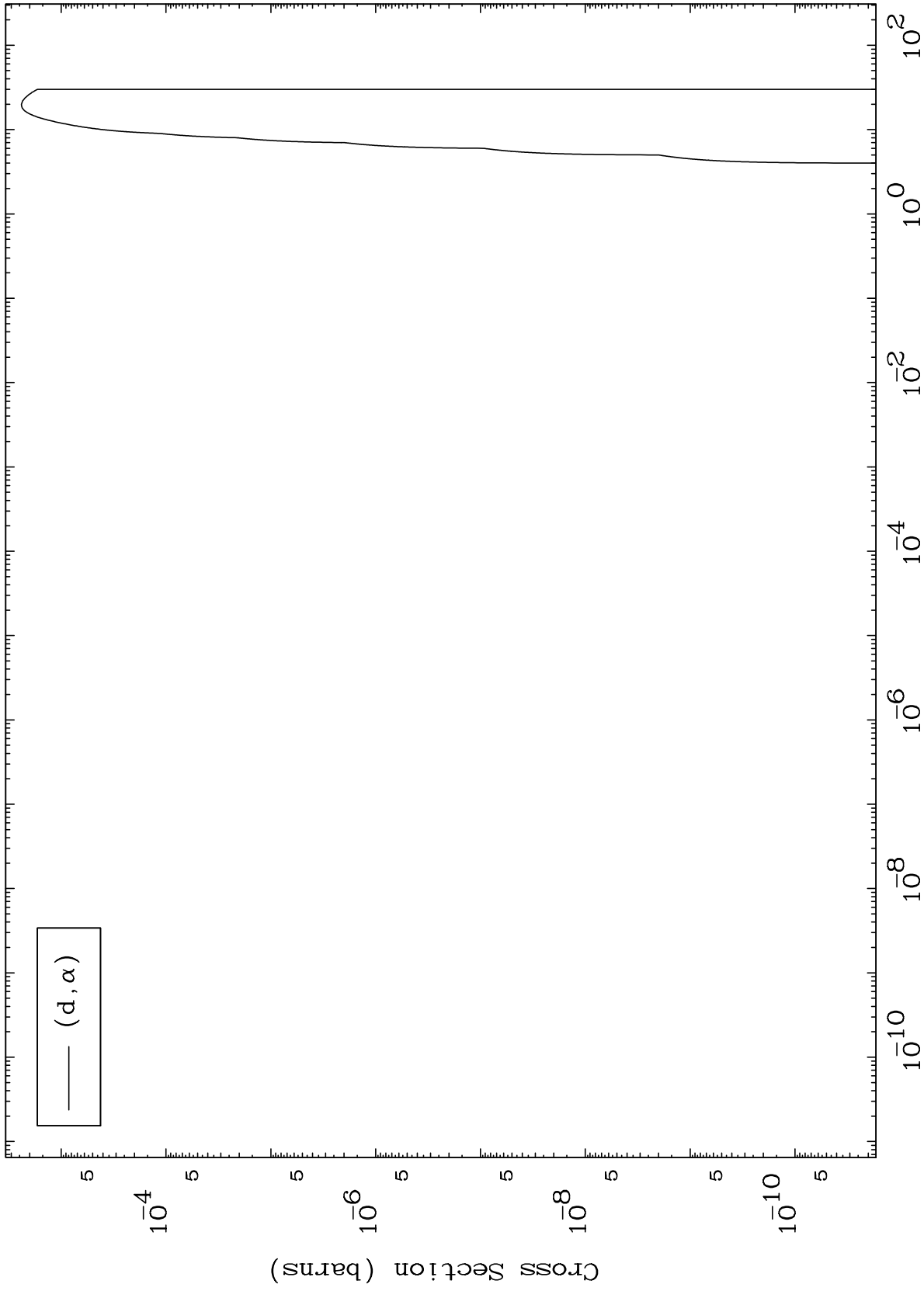
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



11

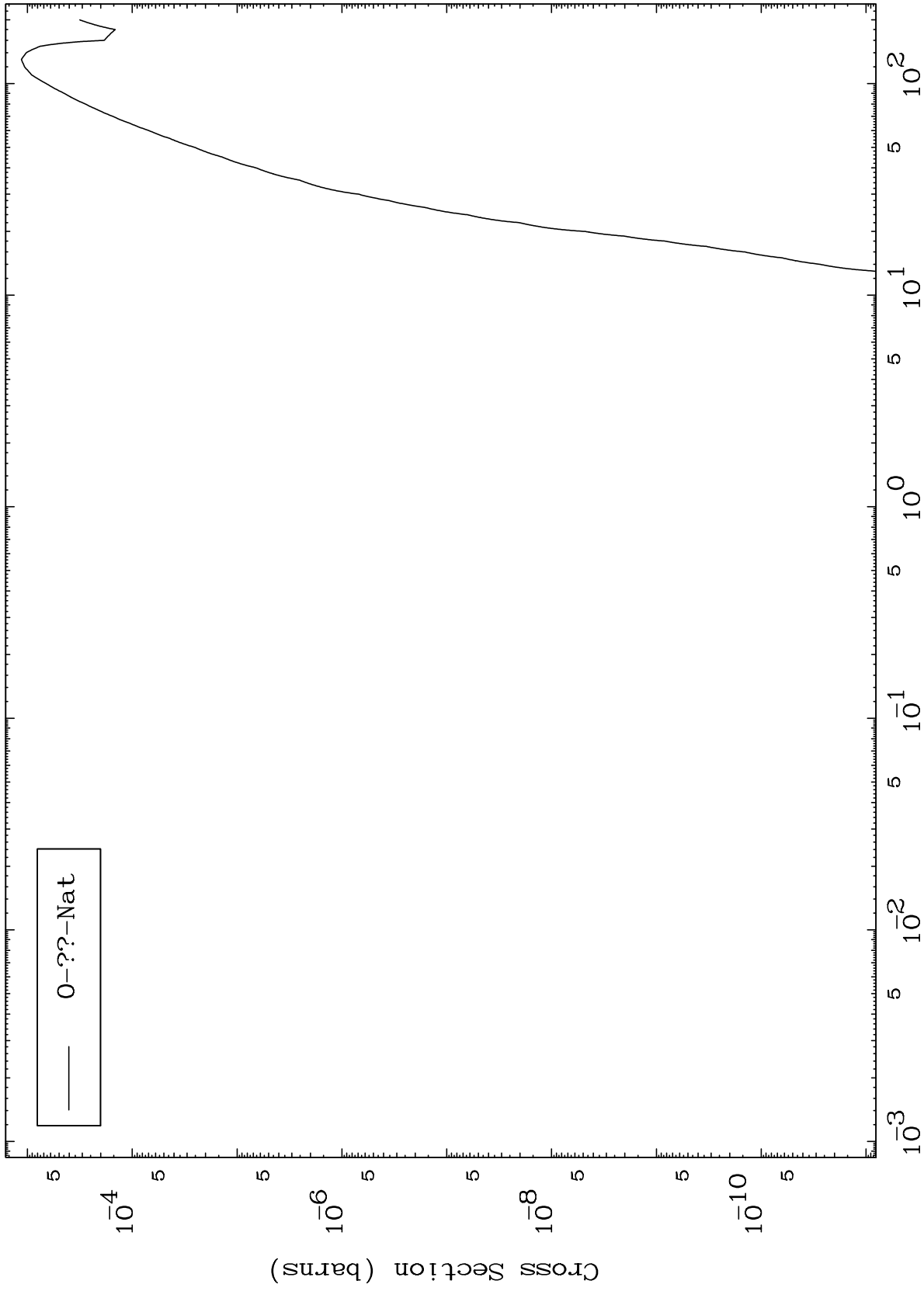
Incident Energy (MeV)

77-Ir-191

MAT 7725

Deuteron Fission  
Radionuclide Production Cross Section

77-Ir-191



12

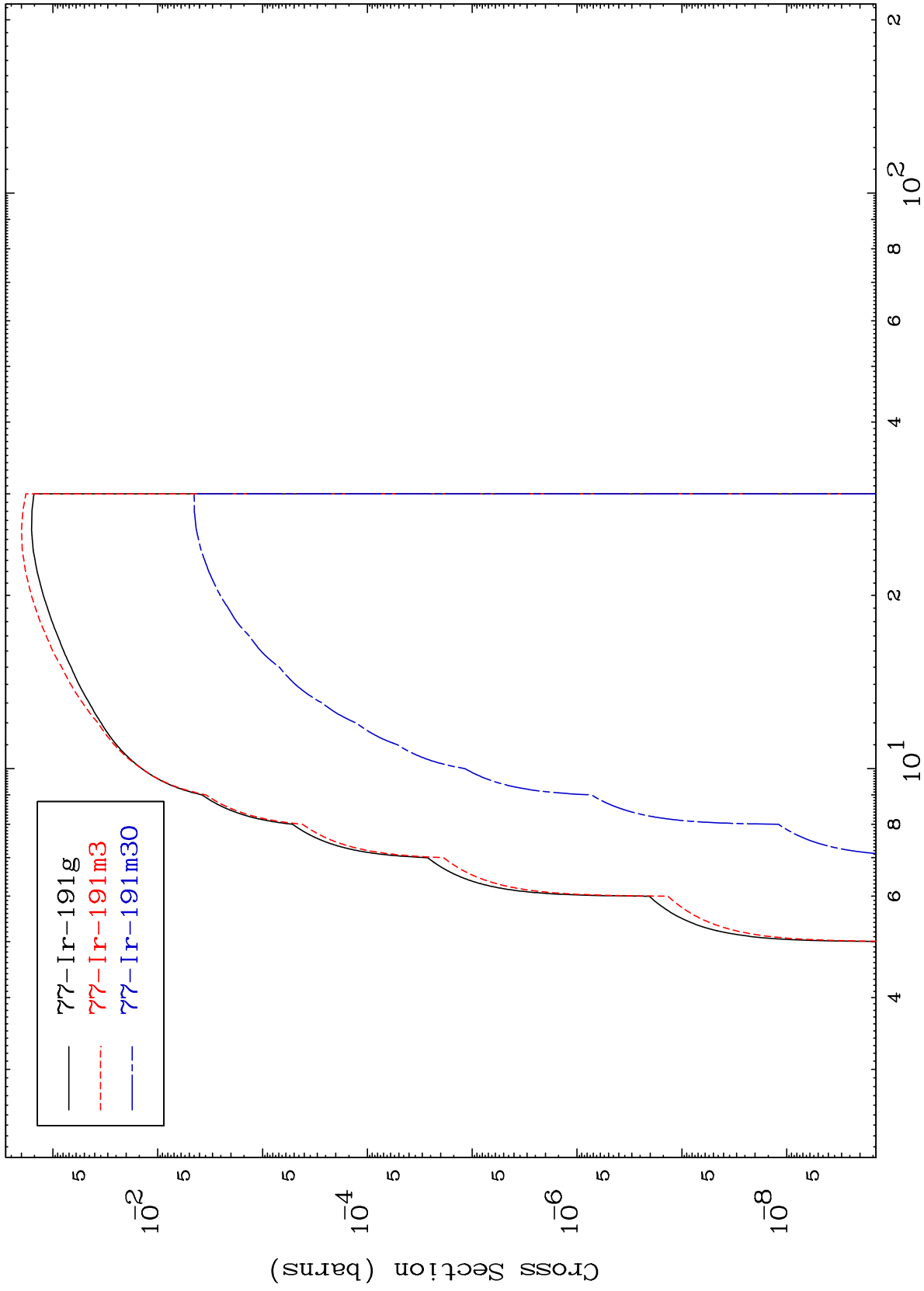
Incident Energy (MeV)

77-Ir-191

MAT 7725

<sup>77</sup>Ir-191

(d,n') p  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

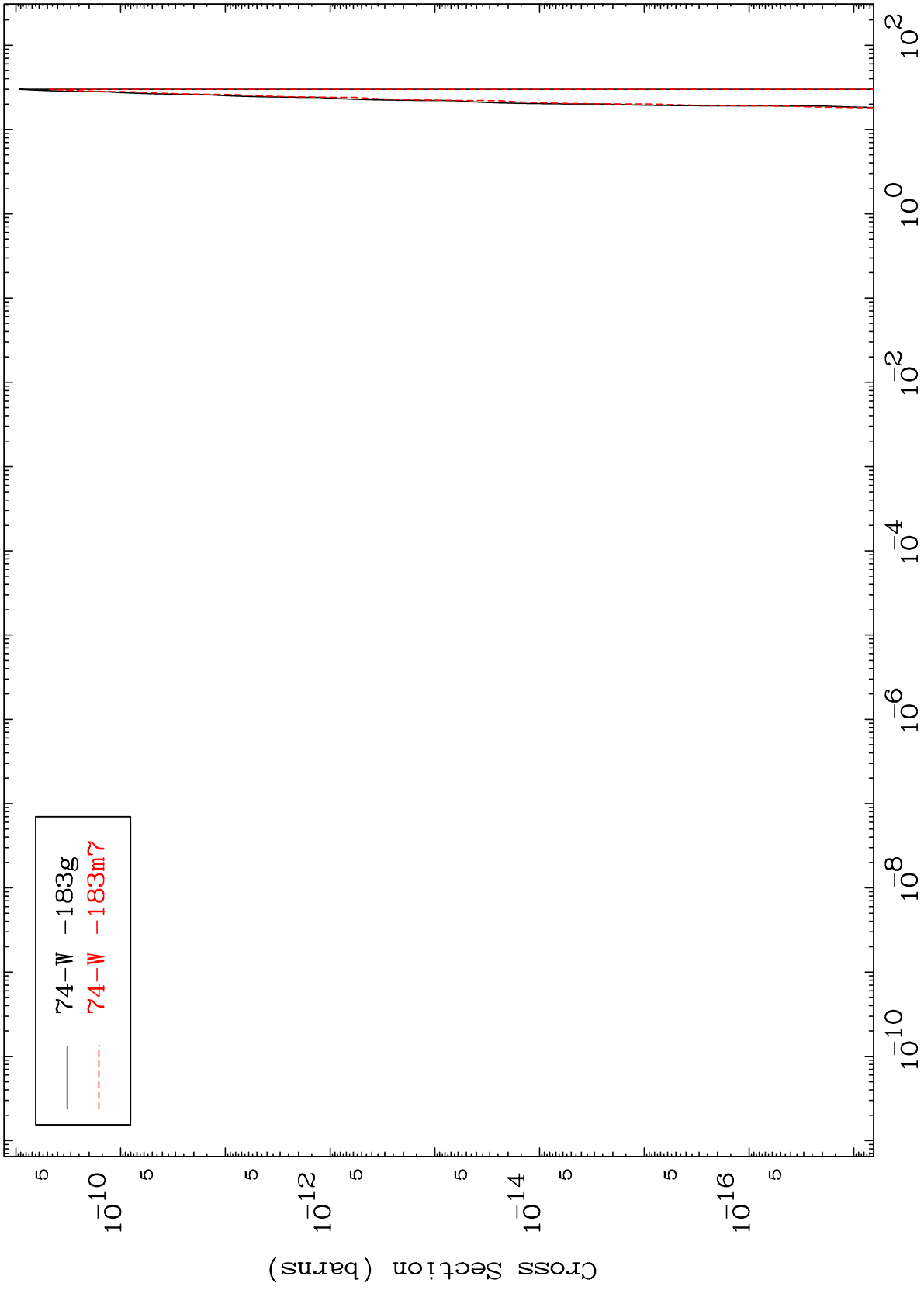
<sup>77</sup>Ir-191

MAT 7725

(d,2n) 2 $\alpha$

77-Ir-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

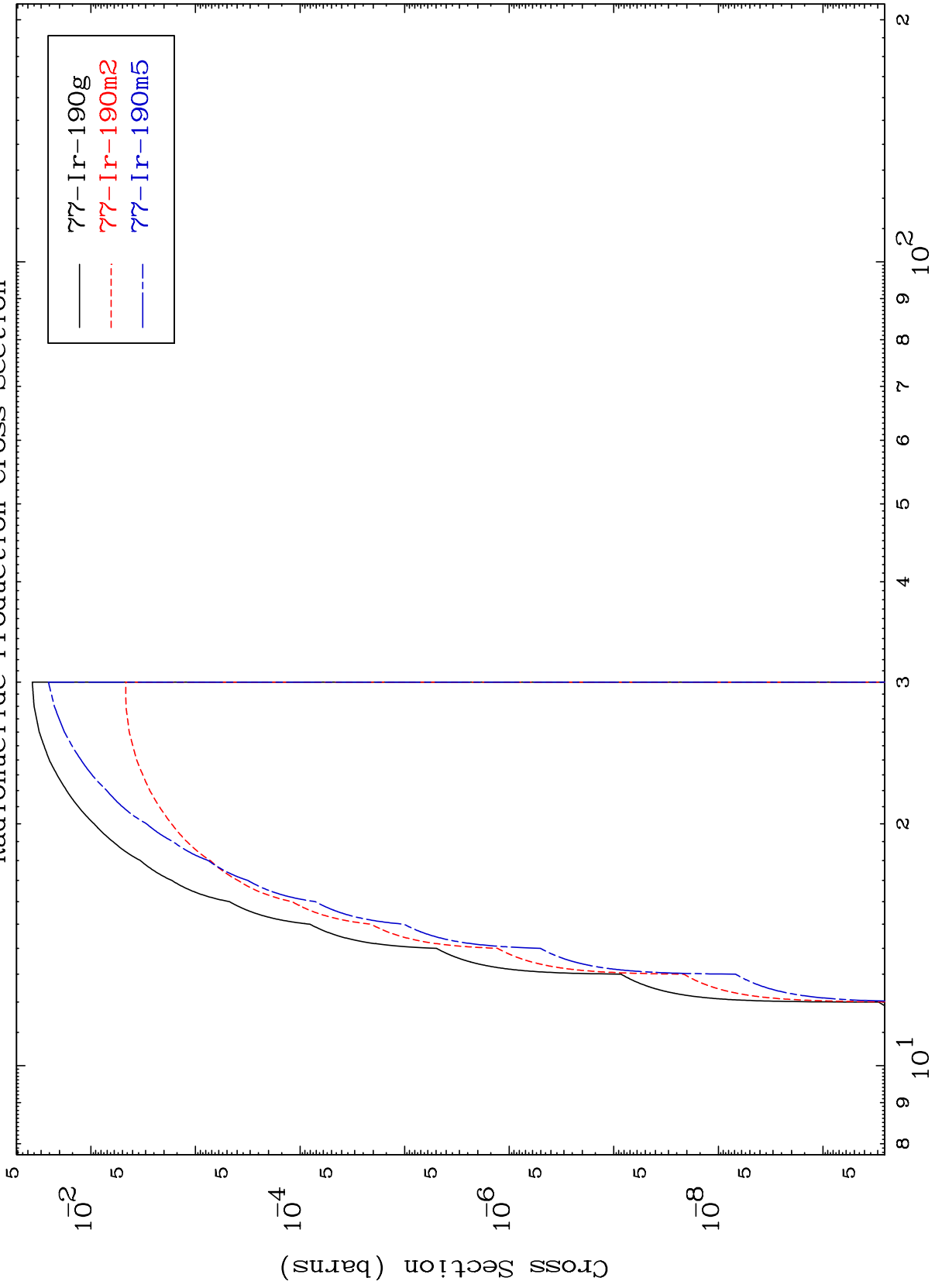
77-Ir-191

MAT 7725

(d,n') d

77-Ir-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

77-Ir-191

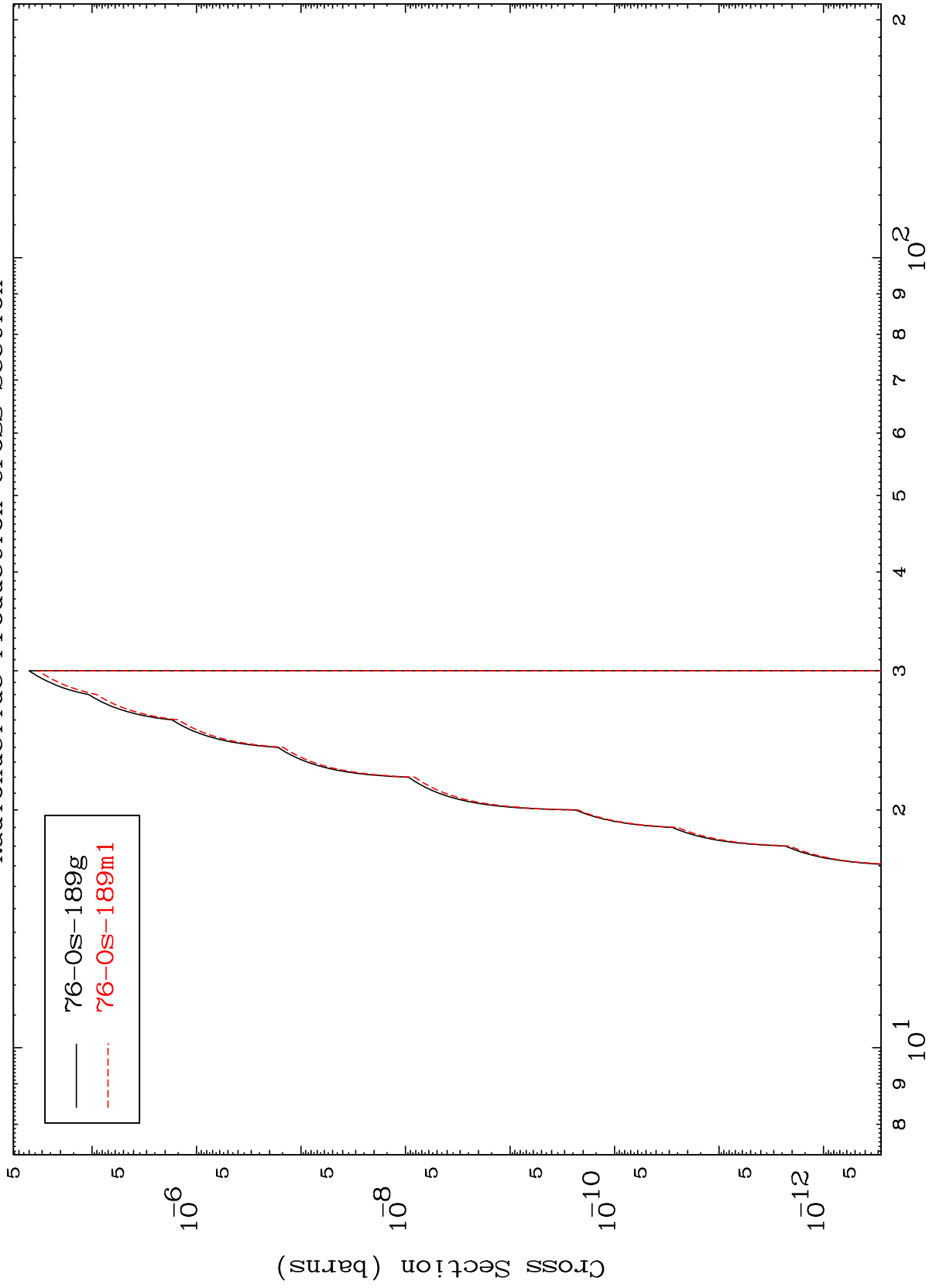


MAT 7725

(d, n') He-3

77-Ir-191

Radionuclide Production Cross Section



16

Incident Energy (MeV)

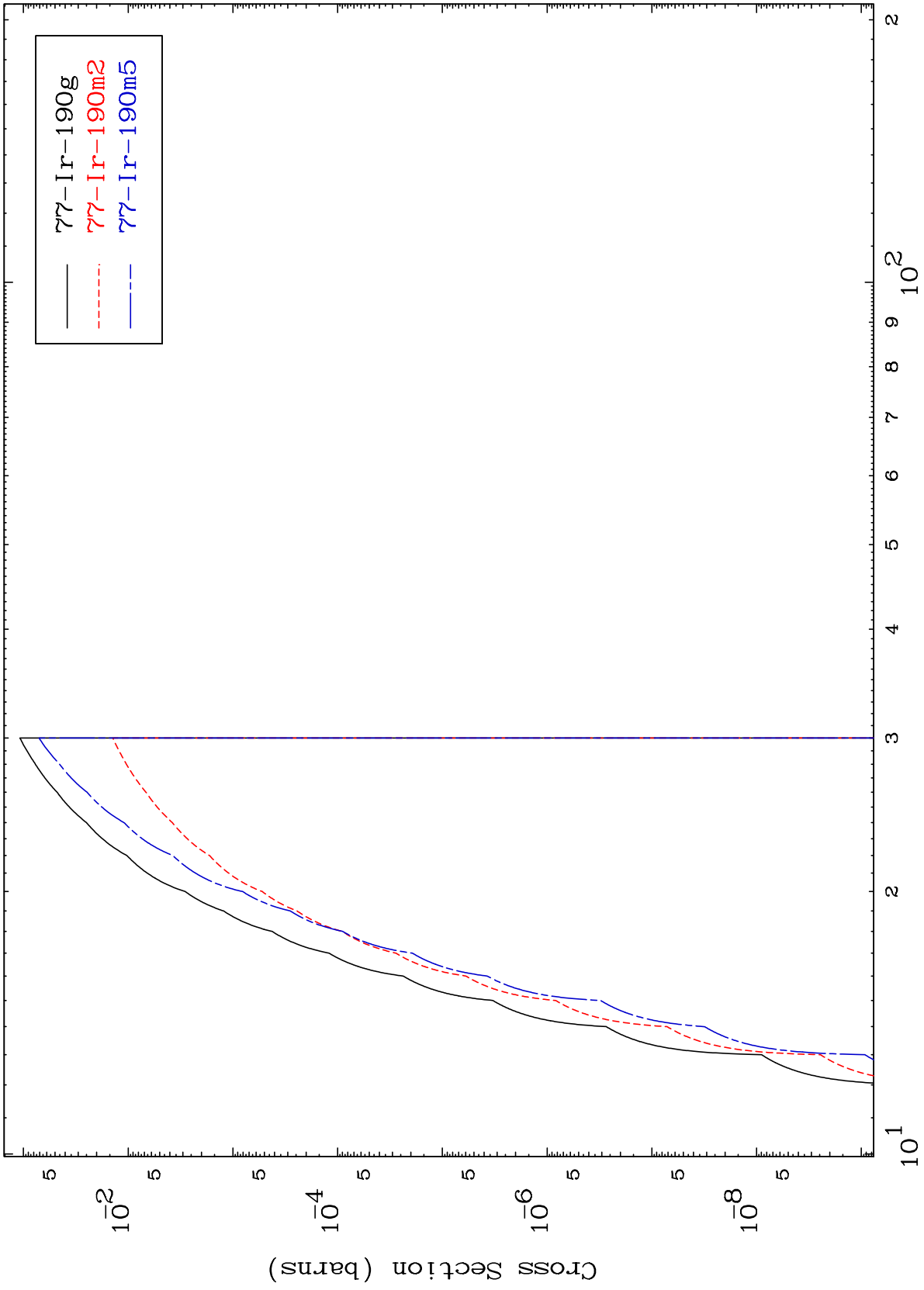
77-Ir-191

MAT 7725

(d,2n) p

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

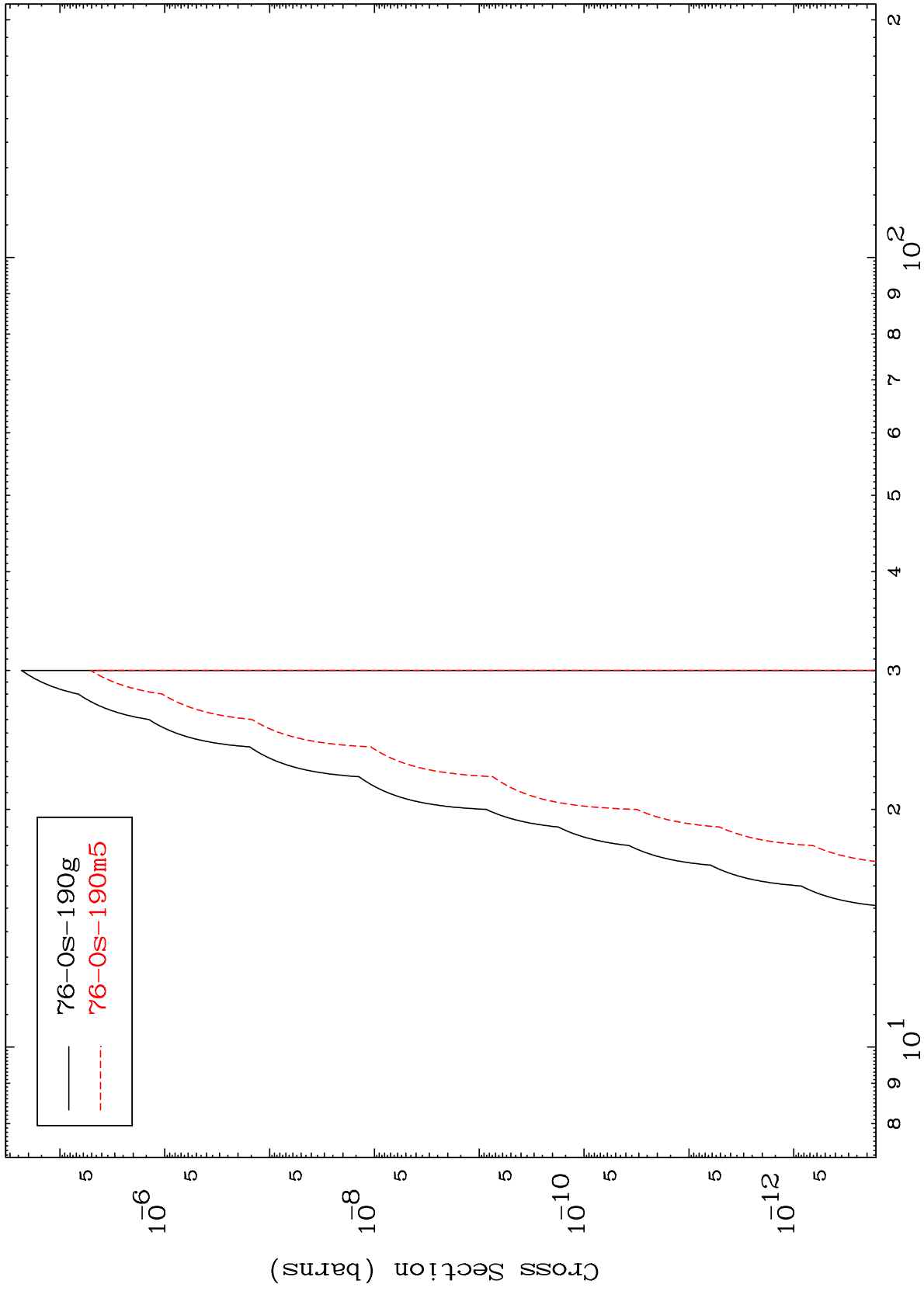
<sup>77</sup>Ir-191

MAT 7725

(d,2n) p

77-Ir-191

Radionuclide Production Cross Section



18

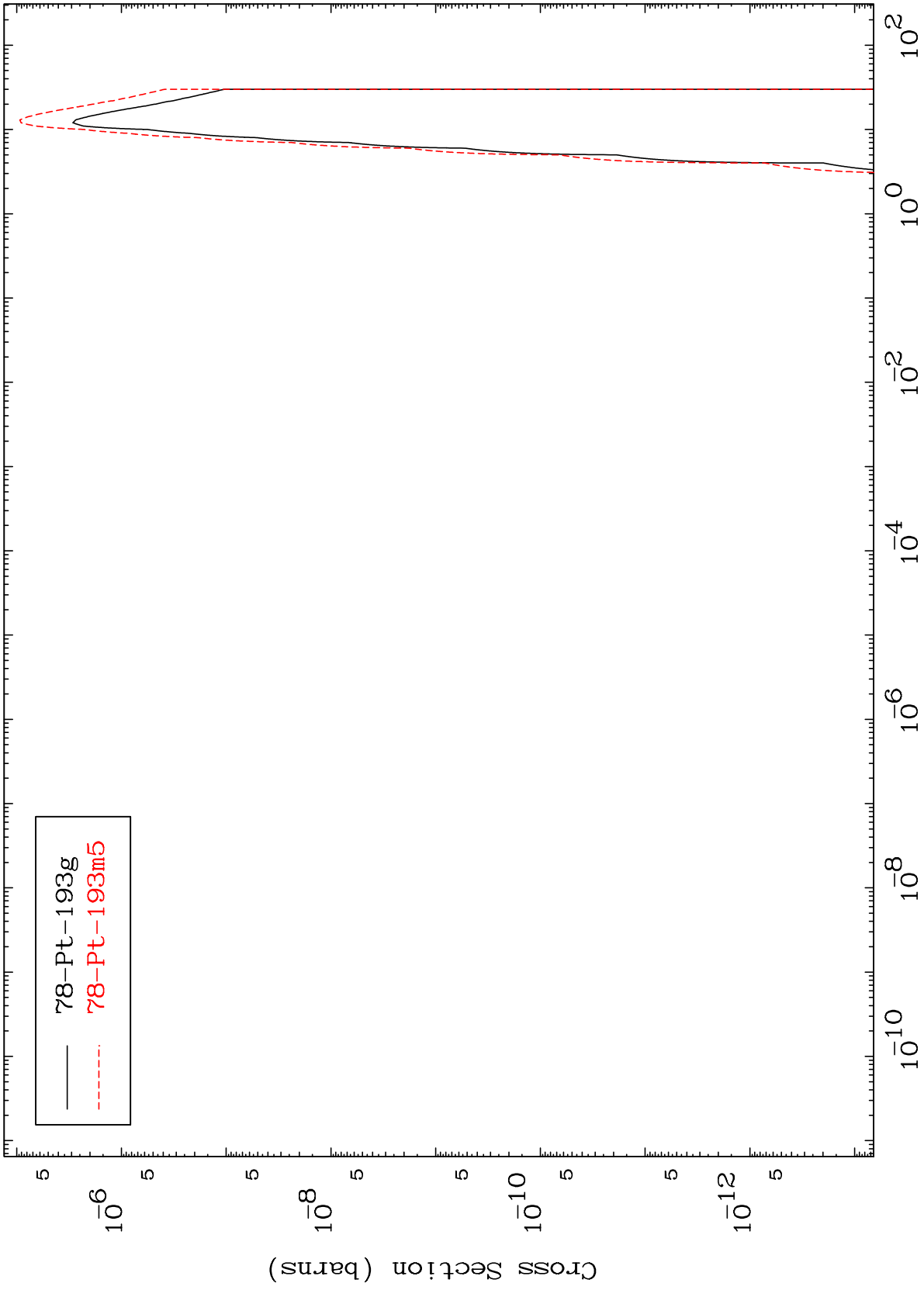
Incident Energy (MeV)

77-Ir-191

MAT 7725

(d,γ)  
Radionuclide Production Cross Section

77-Ir-191

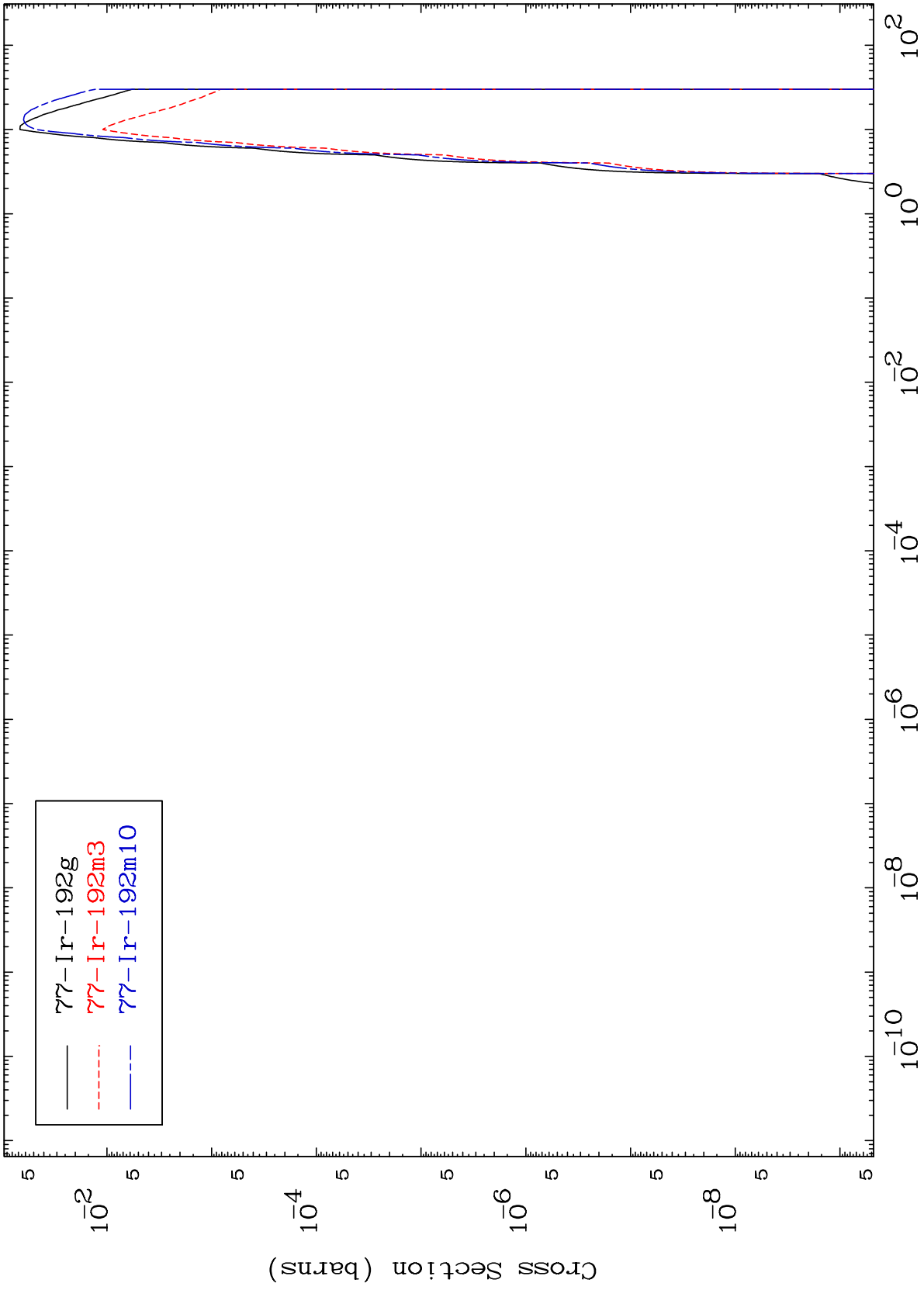


77-Ir-191

MAT 7725

(d,p)  
Radionuclide Production Cross Section

<sup>77</sup>Ir-191



20

Incident Energy (MeV)

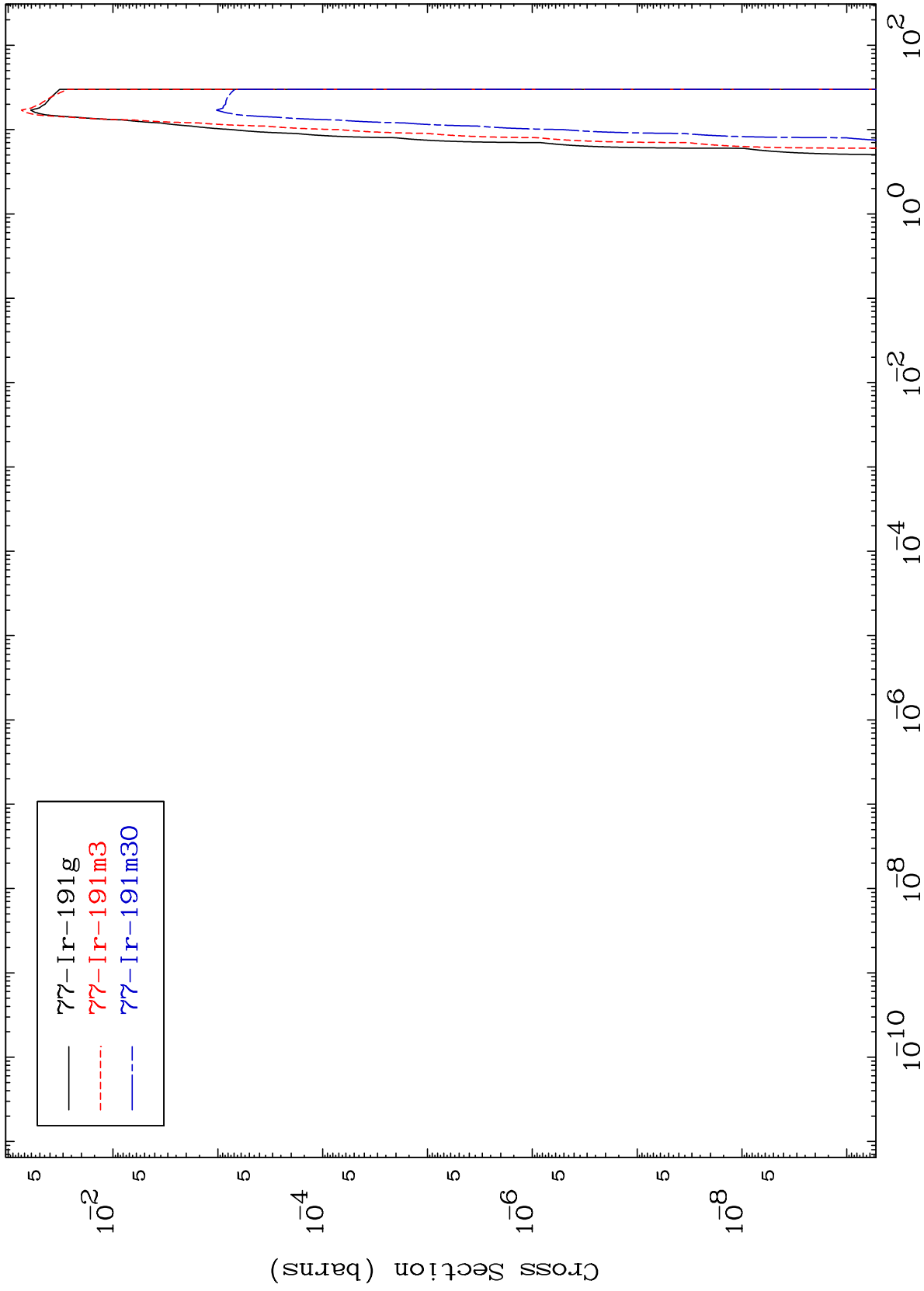
<sup>77</sup>Ir-191

MAT 7725

(d,d)

<sup>77</sup>Ir-191

### Radionuclide Production Cross Section



21

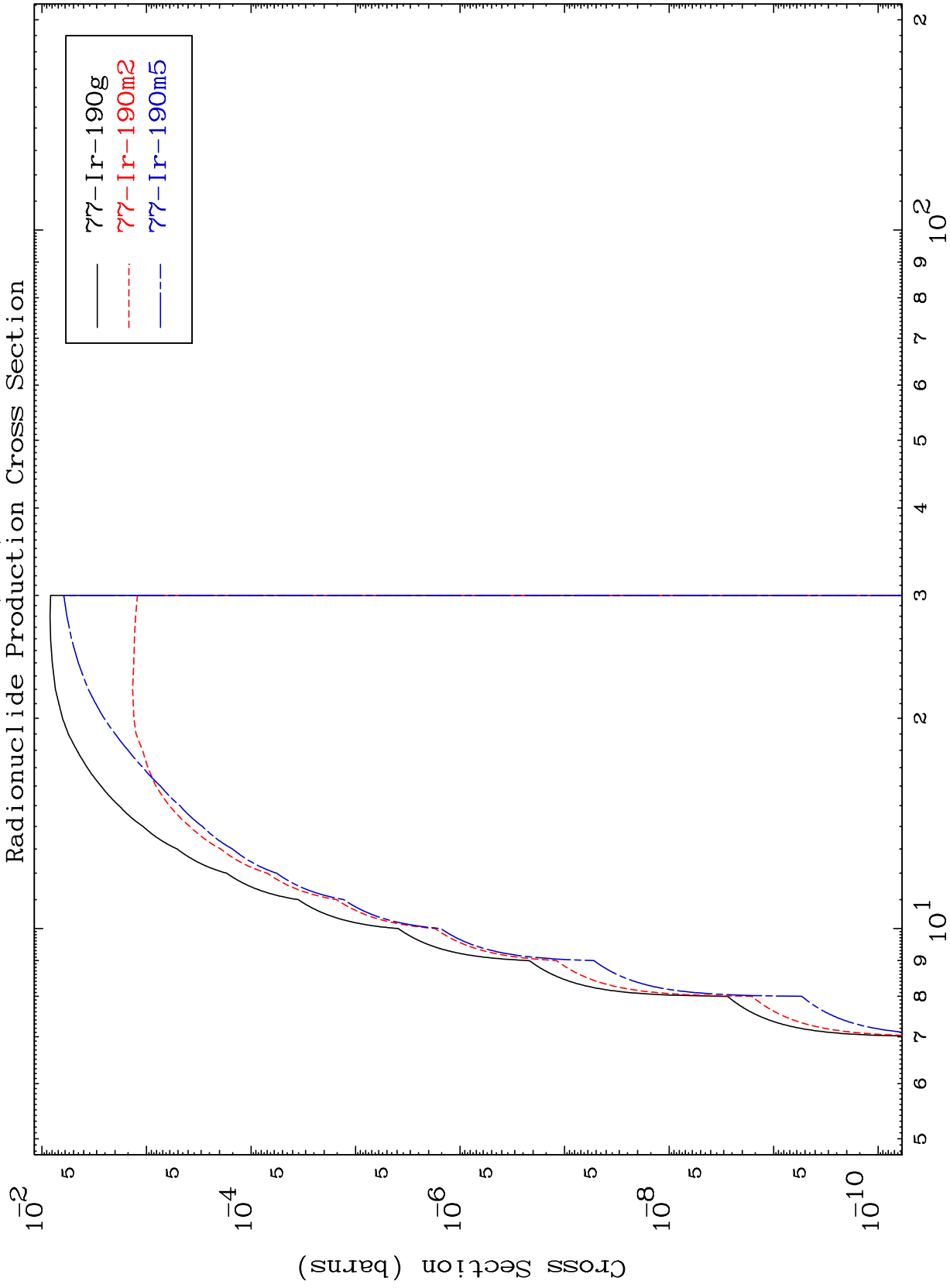
Incident Energy (MeV)

<sup>77</sup>Ir-191

MAT 7725

(d, t)

77-Ir-191



22

Incident Energy (MeV)

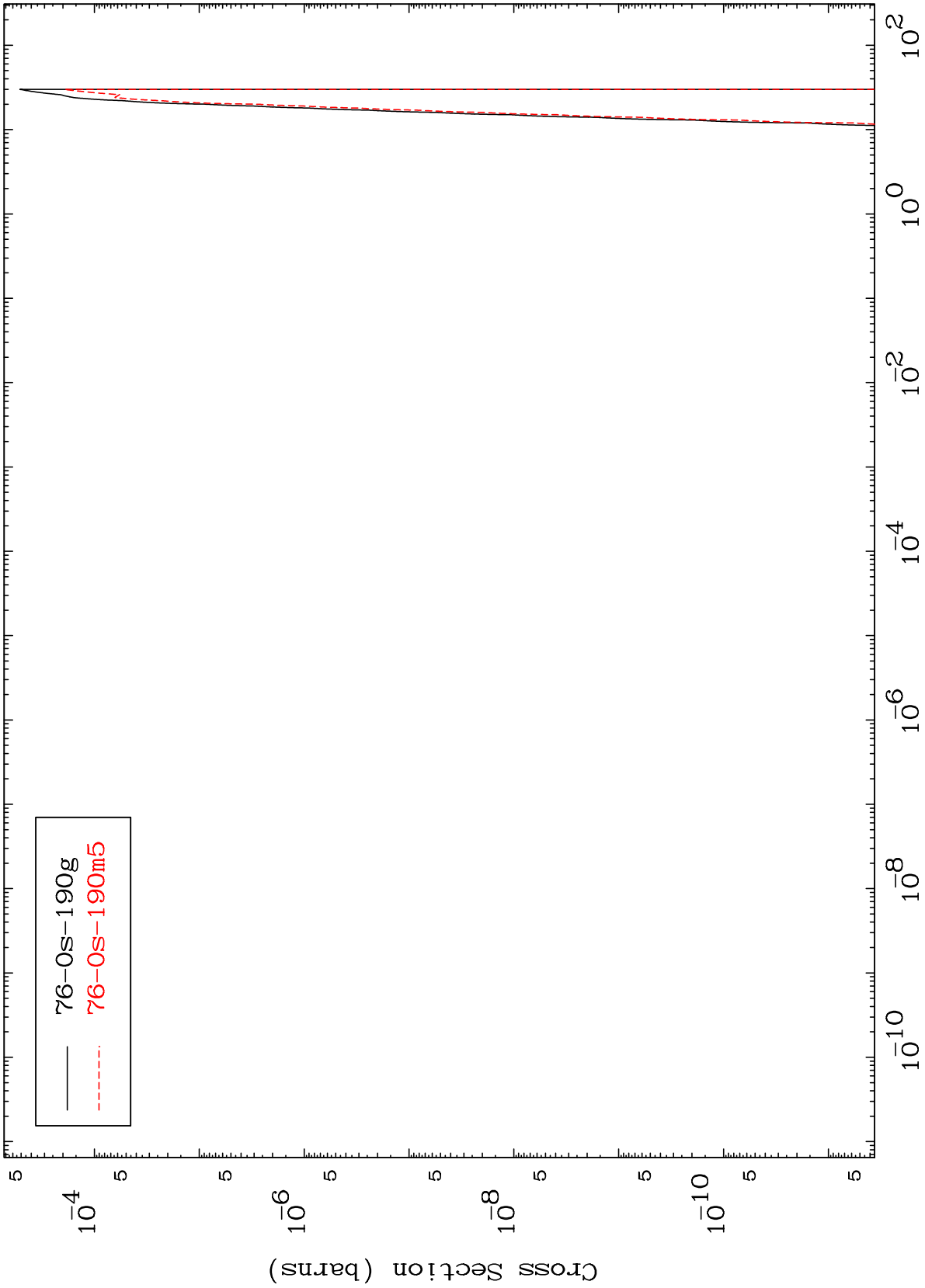
77-Ir-191

MAT 7725

(d,He-3)

77-Ir-191

Radionuclide Production Cross Section



23

Incident Energy (MeV)

77-Ir-191

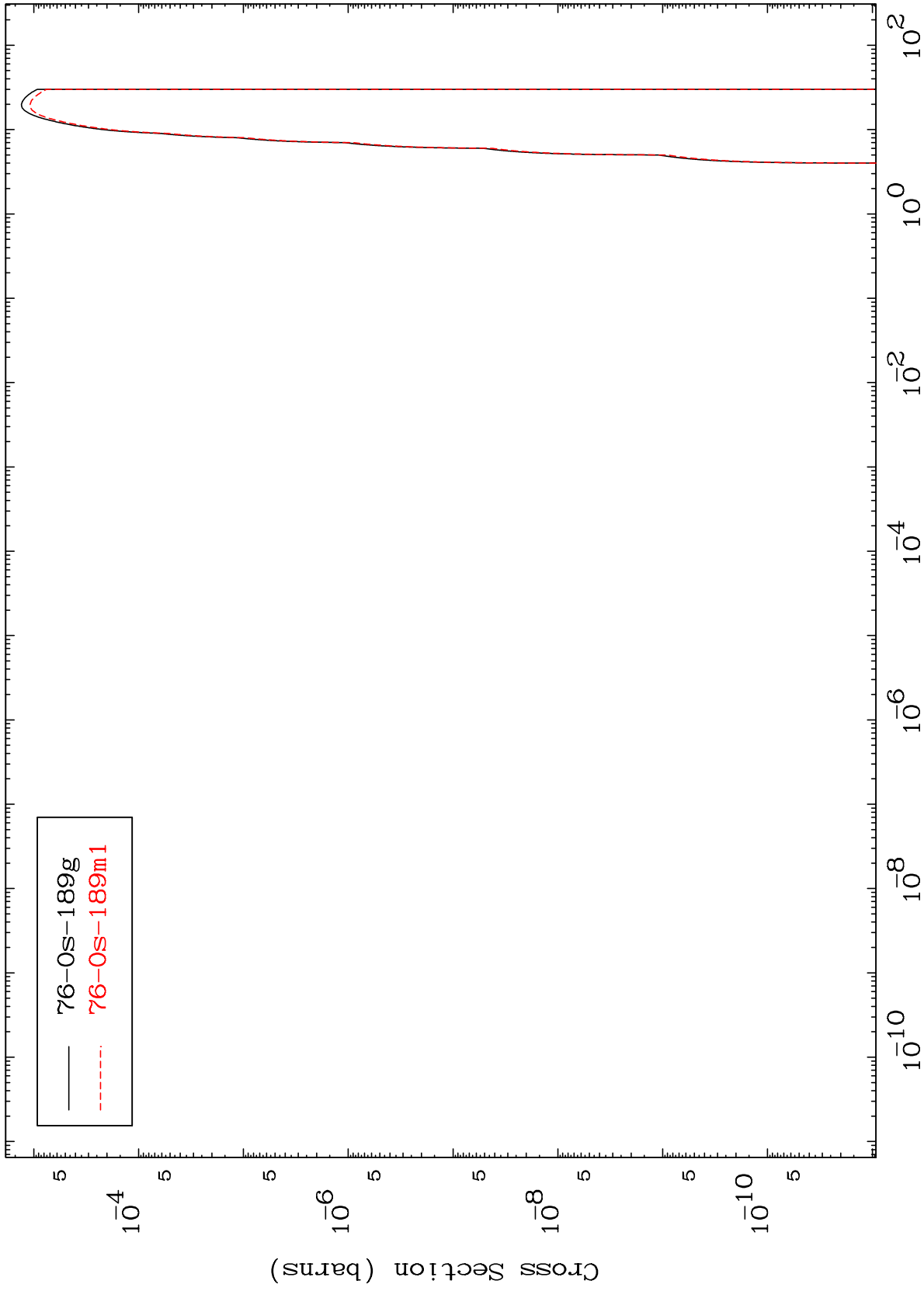


MAT 7725

(d,  $\alpha$ )

77-Ir-191

Radionuclide Production Cross Section

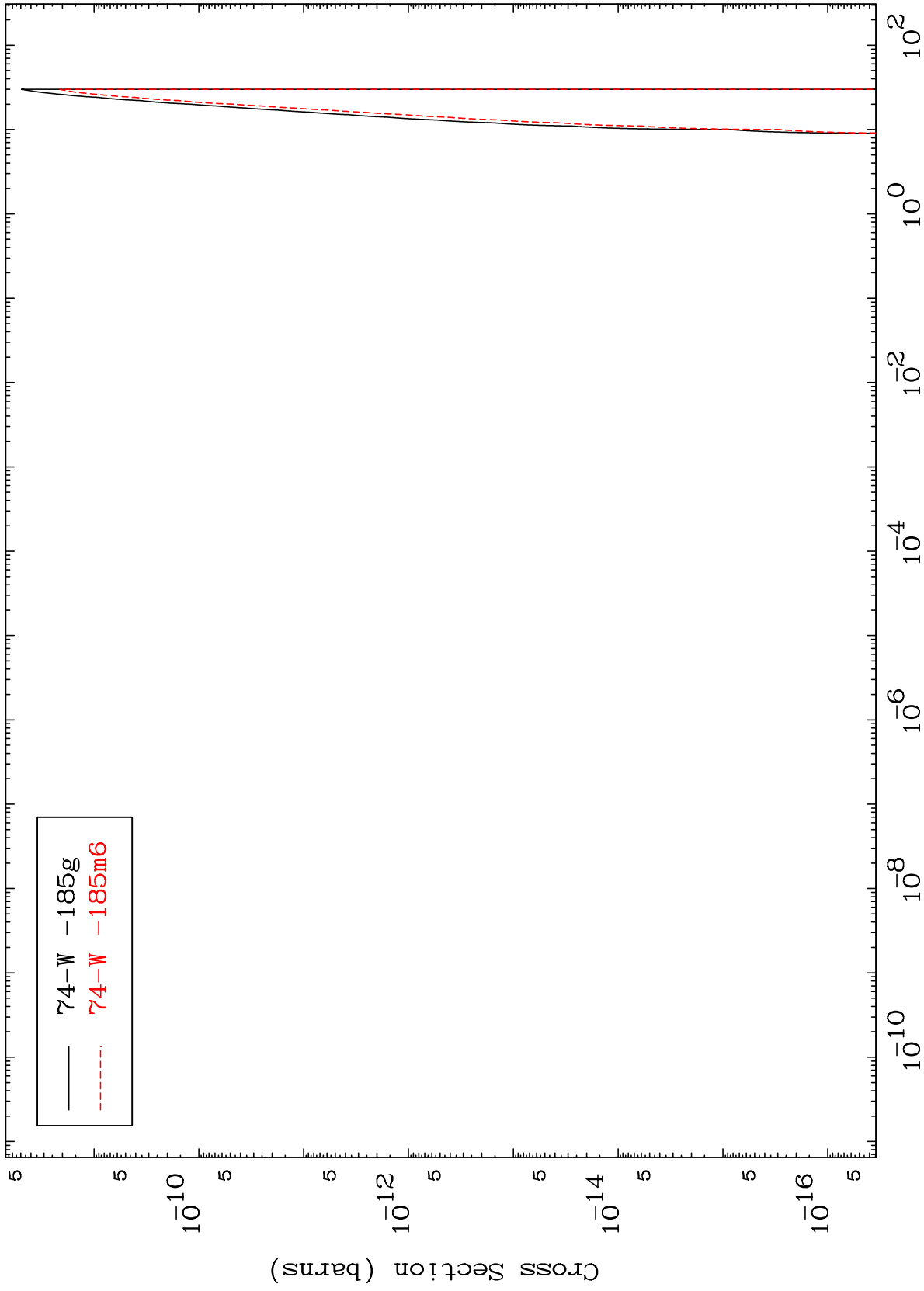


MAT 7725

(d,2α)

77-Ir-191

Radionuclide Production Cross Section



25

Incident Energy (MeV)

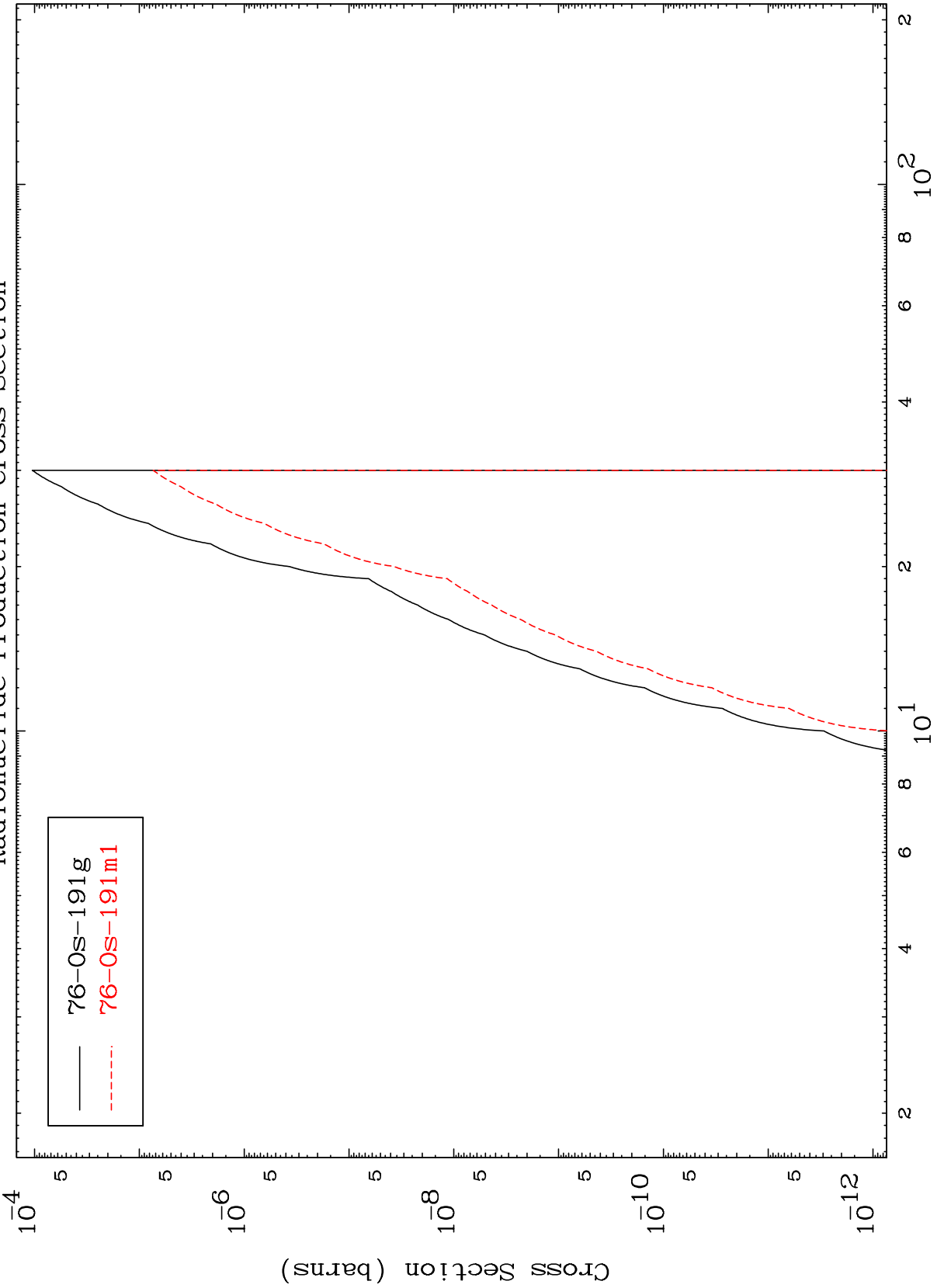
77-Ir-191

MAT 7725

(d,2p)

<sup>77</sup>Ir-191

Radionuclide Production Cross Section



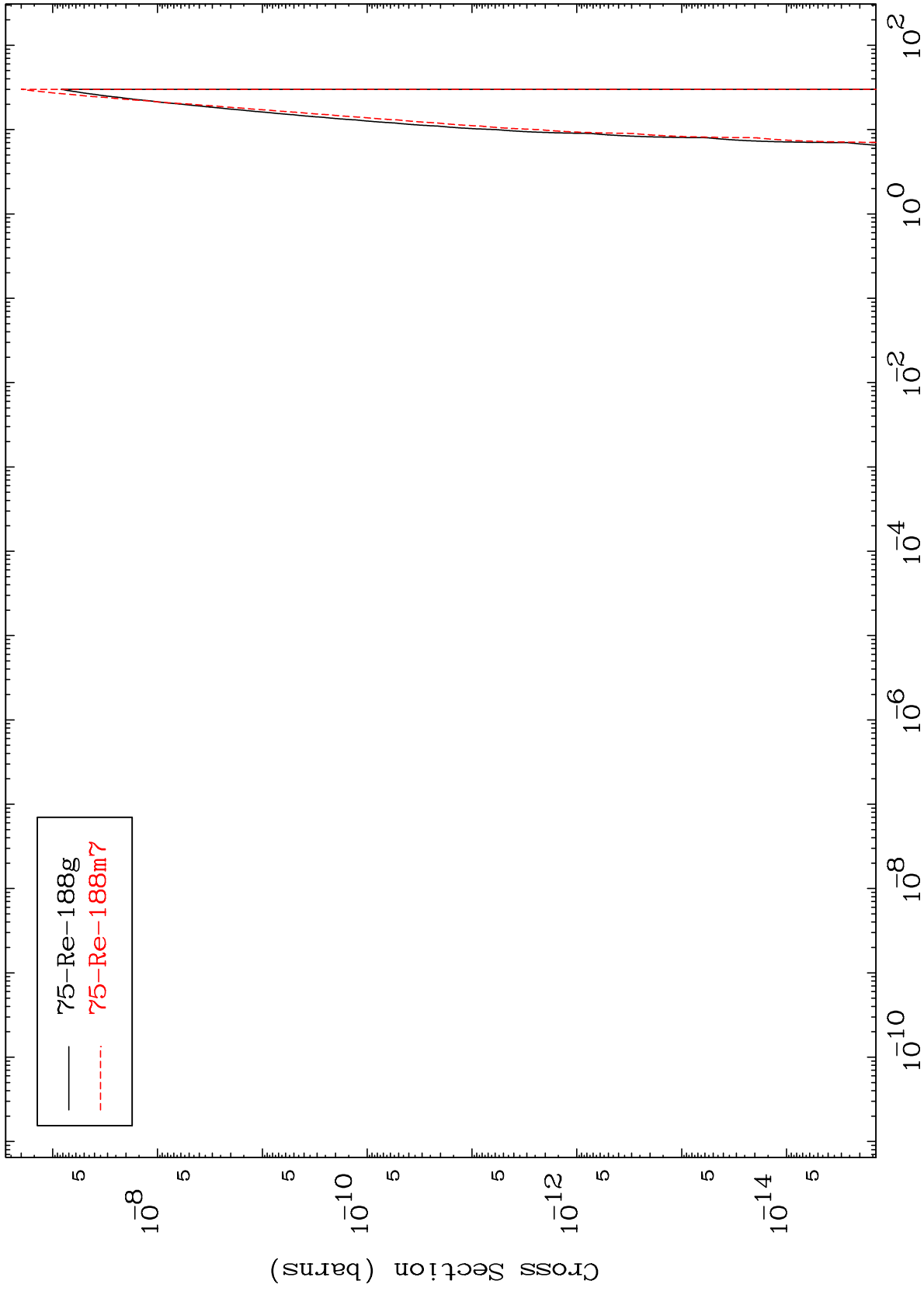
— 76-Os-191g  
- - - 76-Os-191m1

MAT 7725

(d,p)  $\alpha$

77-Ir-191

Radionuclide Production Cross Section



27

Incident Energy (MeV)

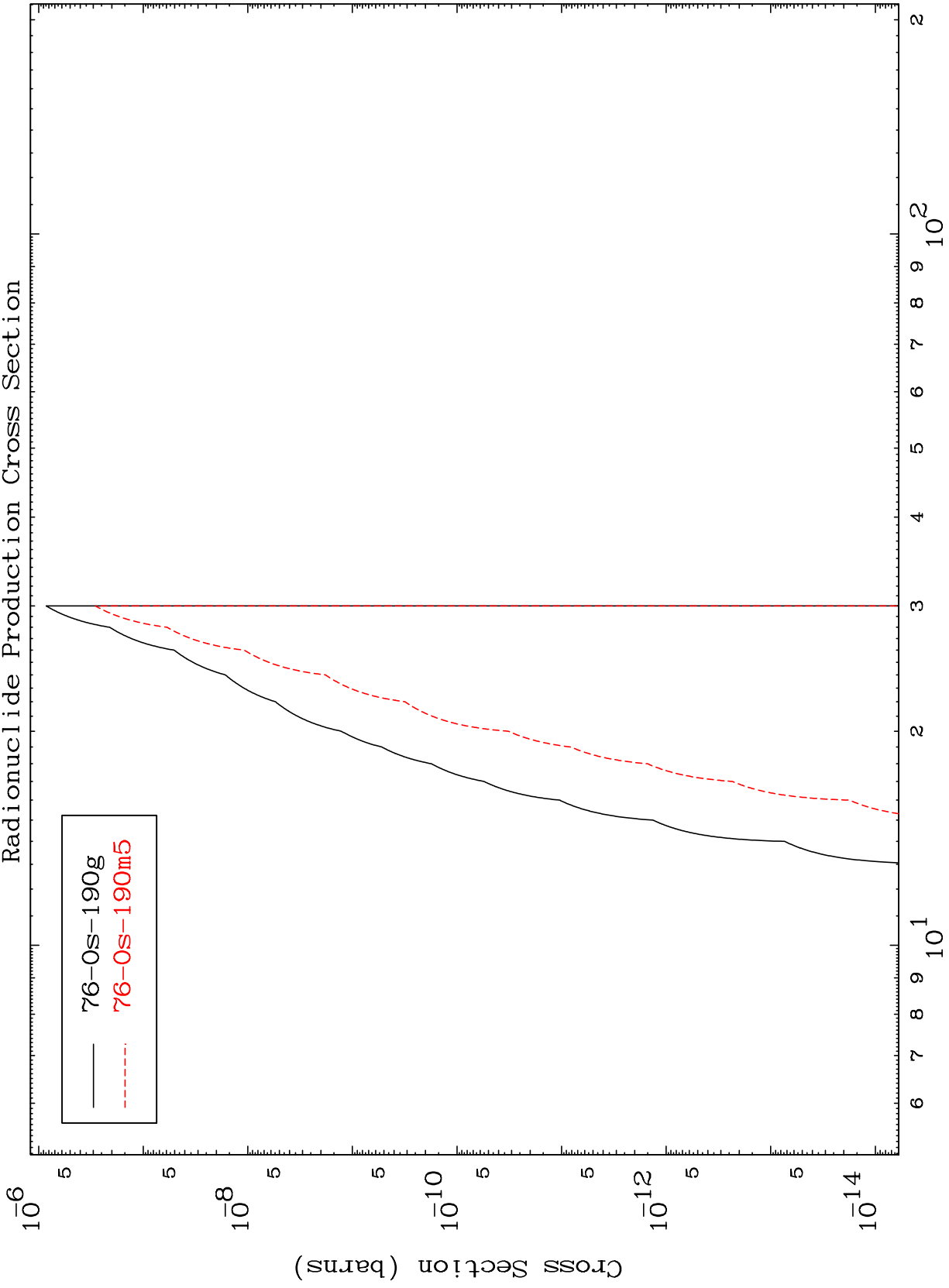
77-Ir-191

MAT 7725

(d,p) d

77-Ir-191

Radionuclide Production Cross Section



28

Incident Energy (MeV)

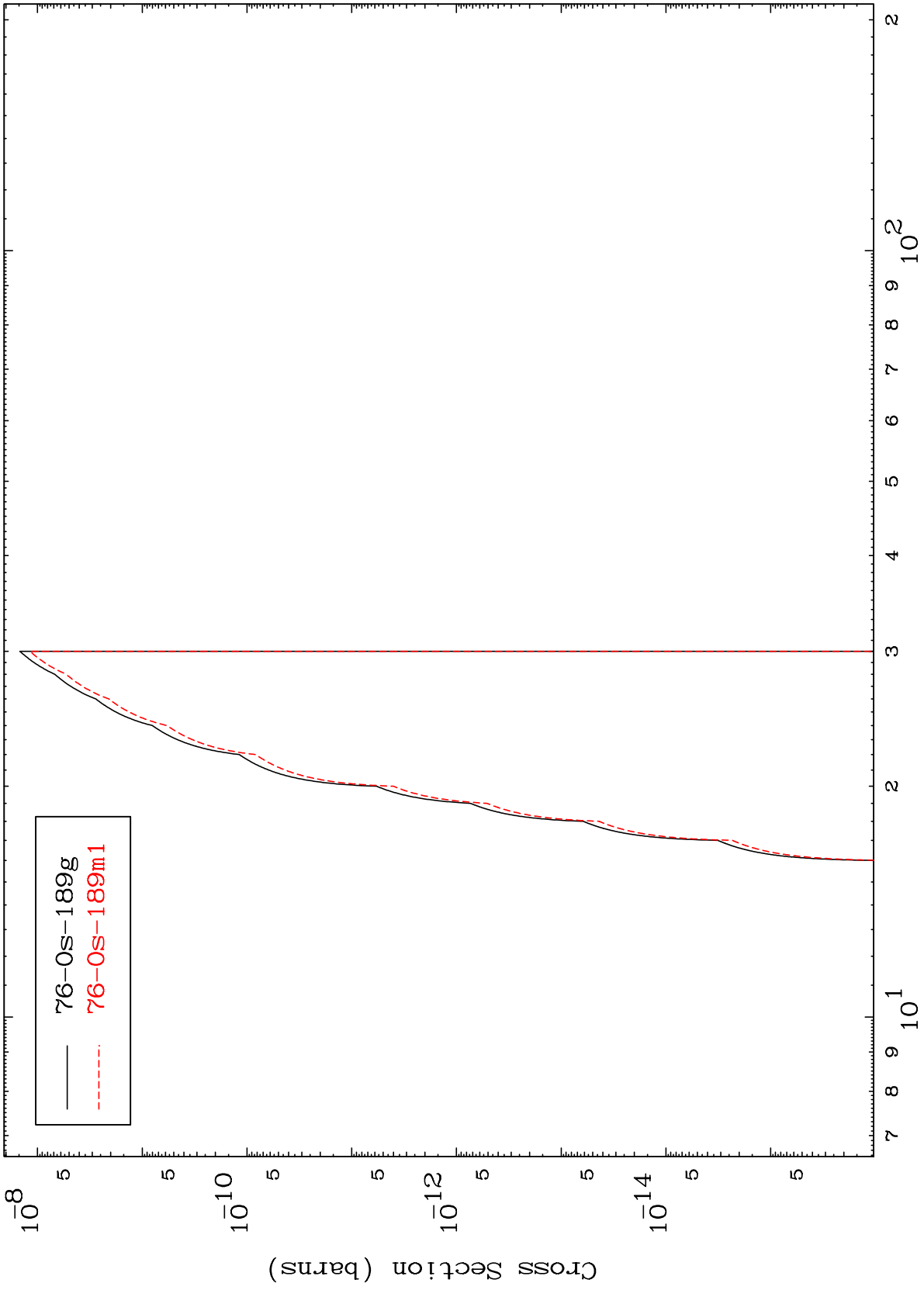
77-Ir-191

MAT 7725

(d,p) t

77-Ir-191

Radionuclide Production Cross Section



76-Os-189g  
76-Os-189m1

29

Incident Energy (MeV)

77-Ir-191