

Program EVALPLOT  
(Version 2021-1)

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)

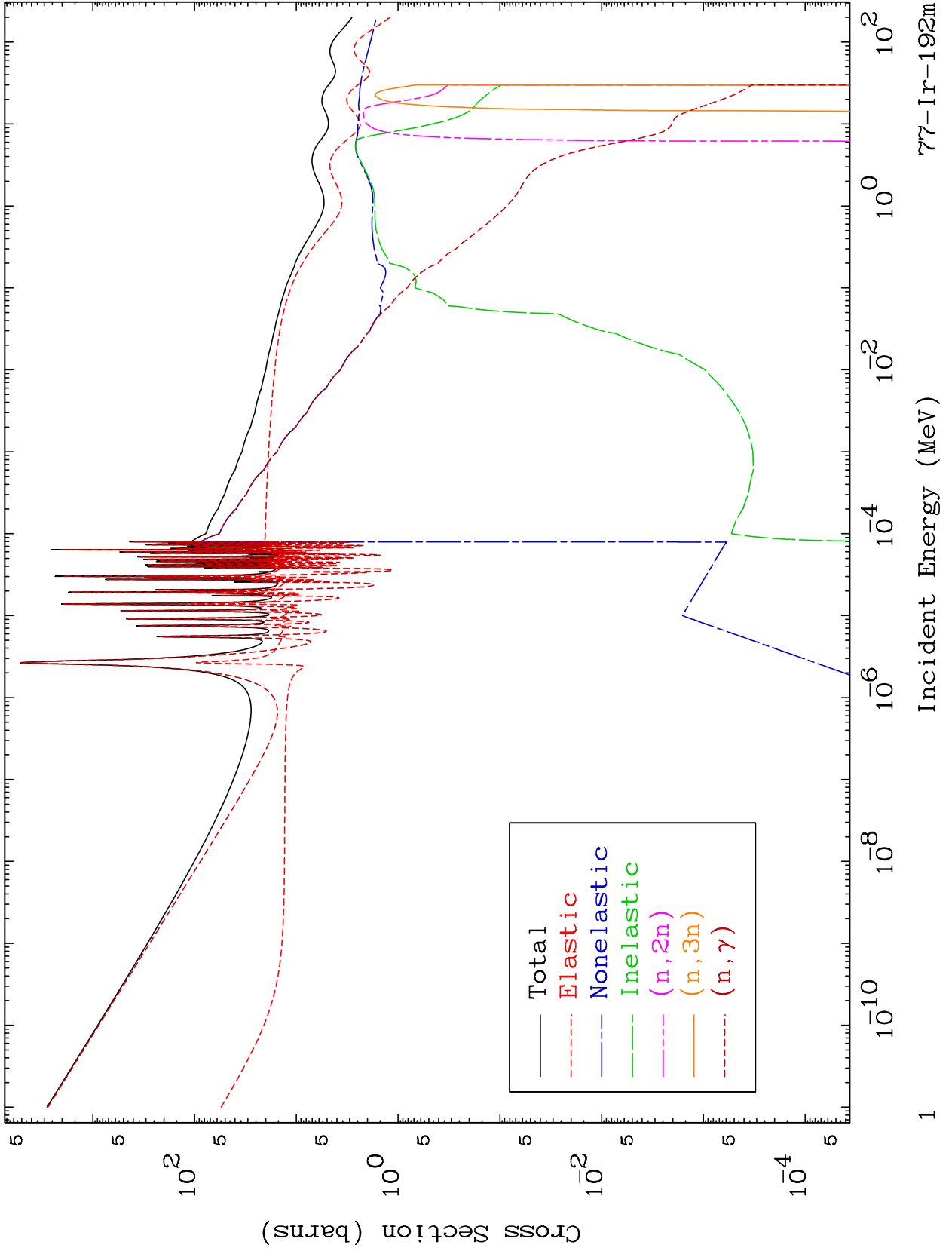
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7729

Neutron Major  
293 Kelvin Cross Sections

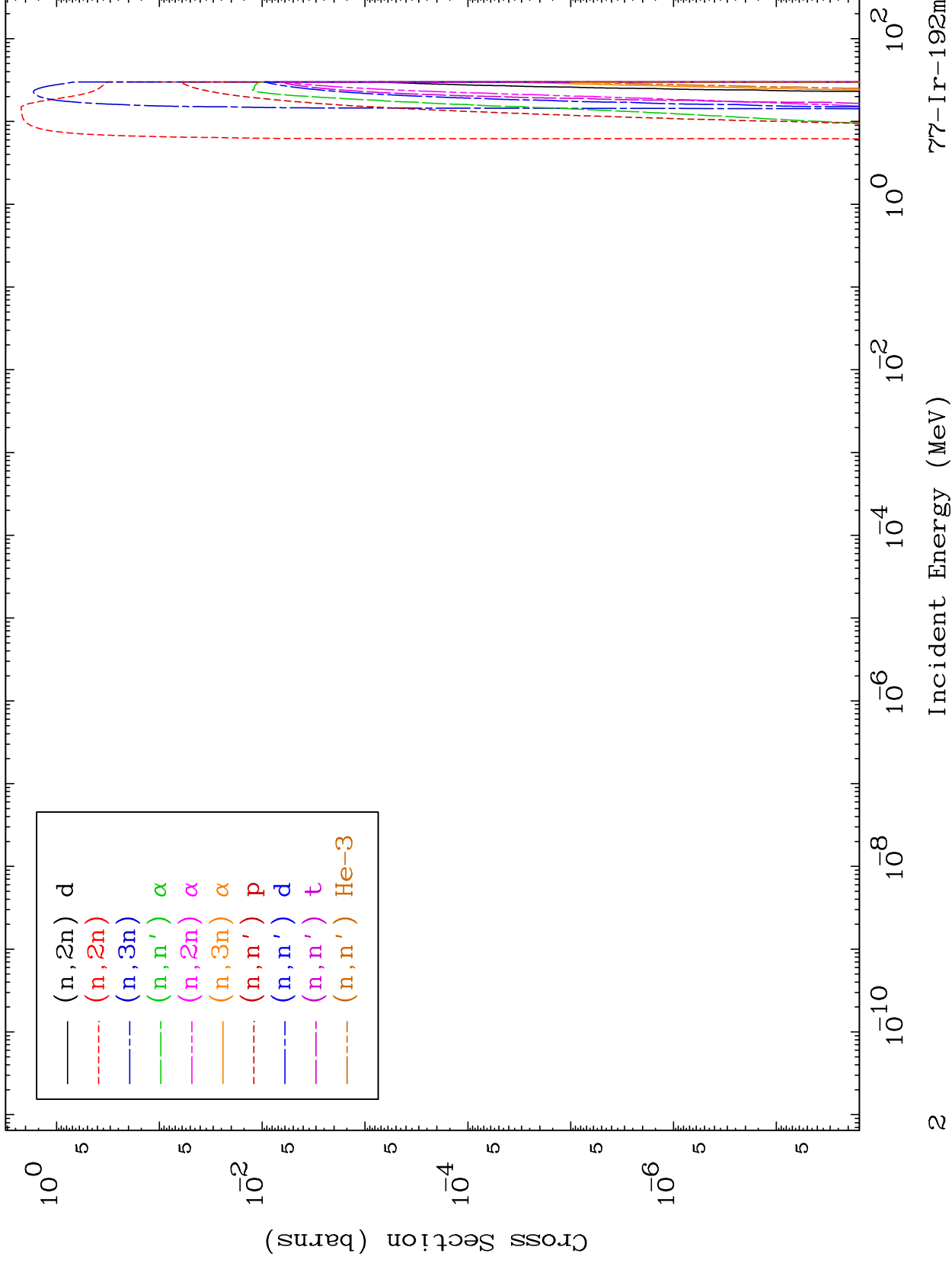
77-Ir-192m



MAT 7729

Neutron Absorption  
293 Kelvin Cross Sections

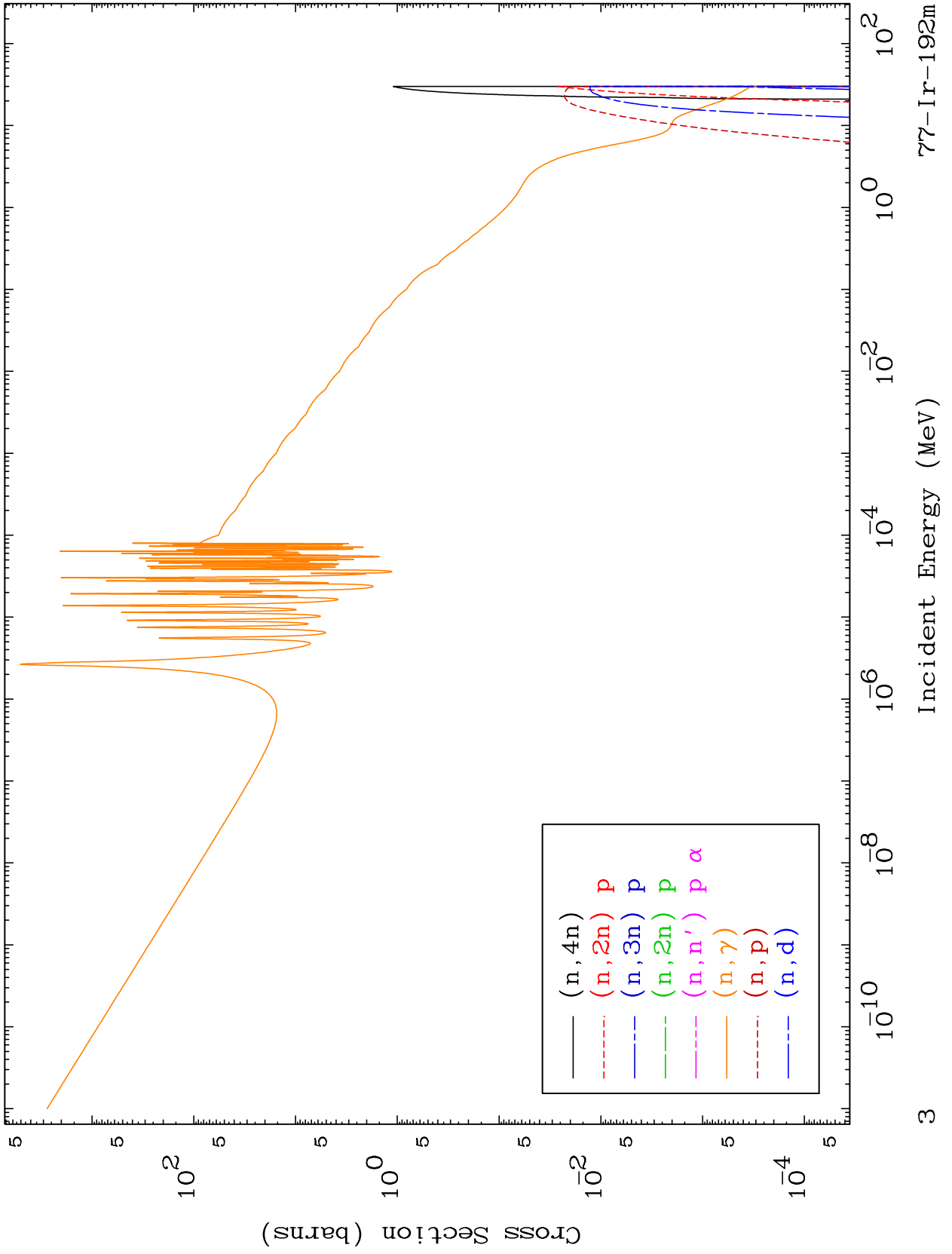
77-Ir-192m



MAT 7729

Neutron Absorption  
293 Kelvin Cross Sections

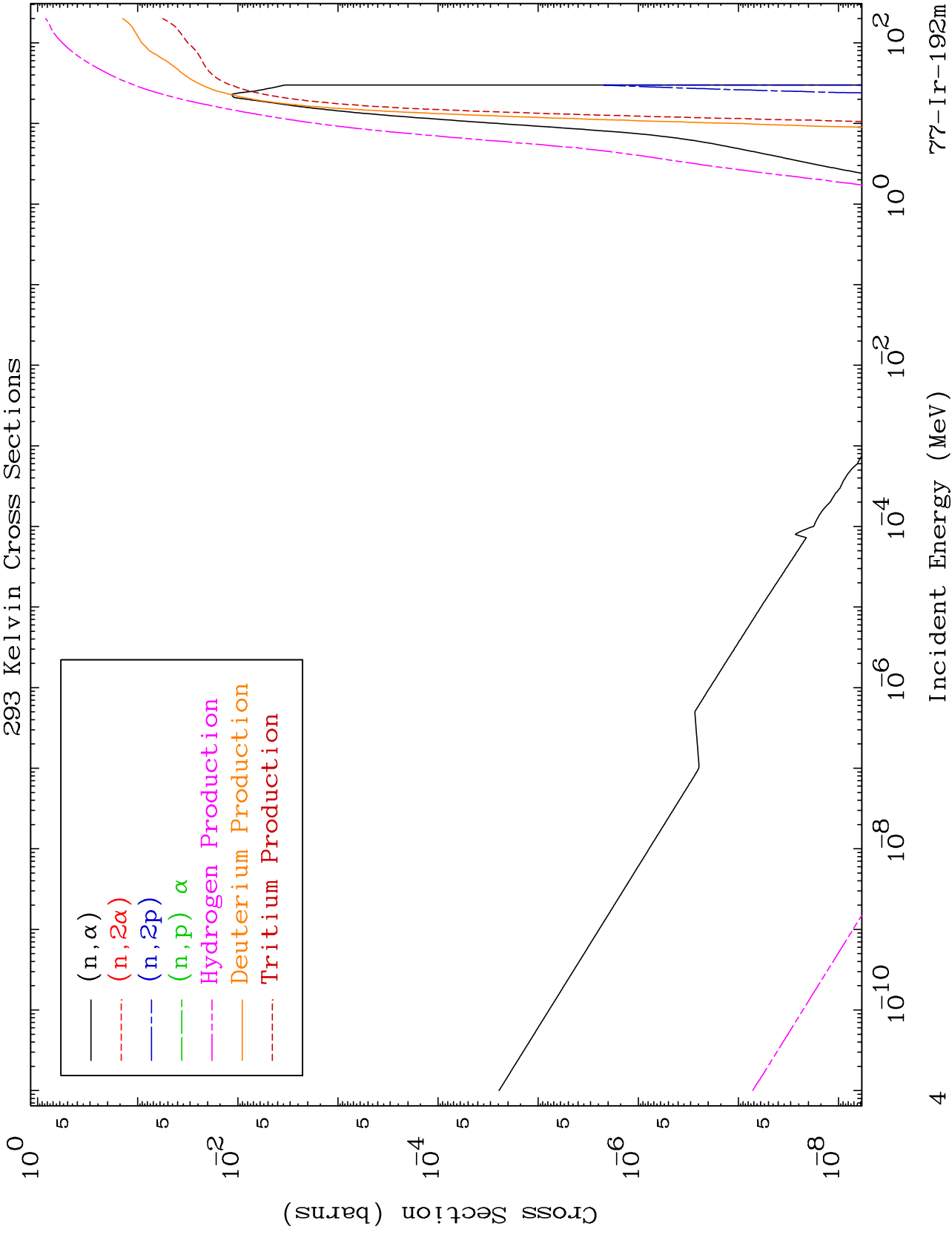
77-Ir-192m



MAT 7729

Neutron Absorption  
293 Kelvin Cross Sections

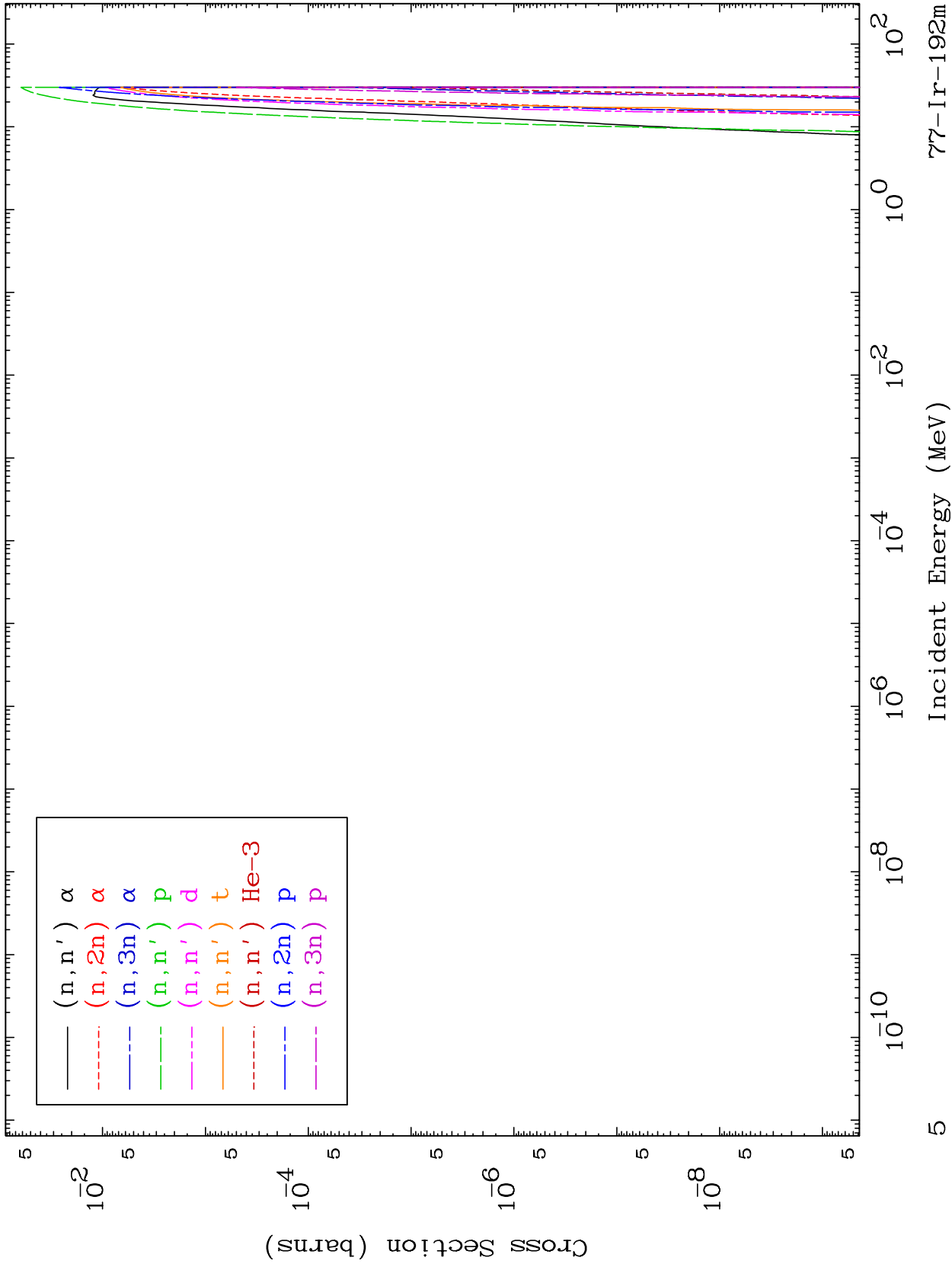
77-Ir-192m



MAT 7729

Charged Particle  
293 Kelvin Cross Sections

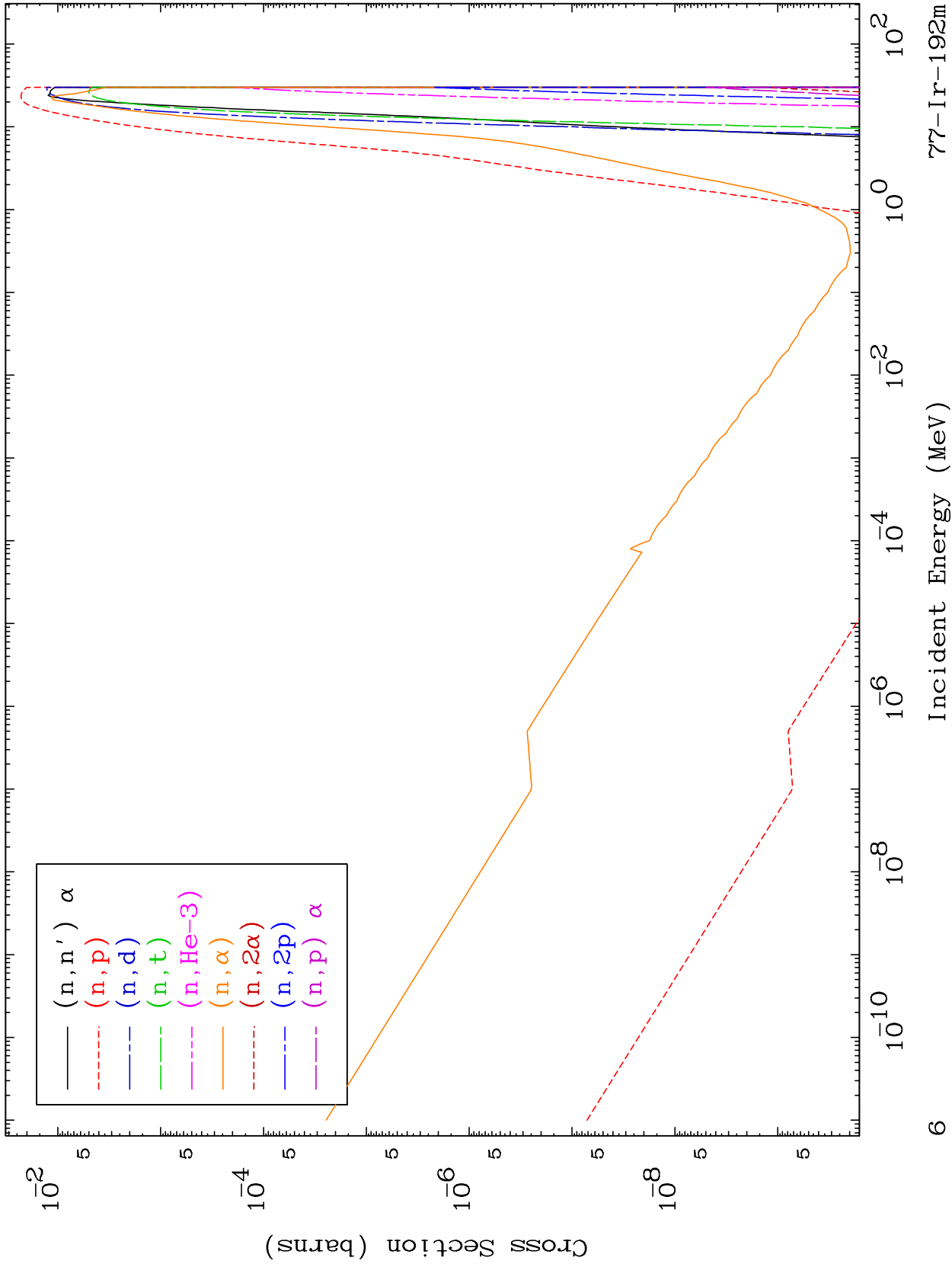
77-Ir-192m



MAT 7729

Charged Particle  
293 Kelvin Cross Sections

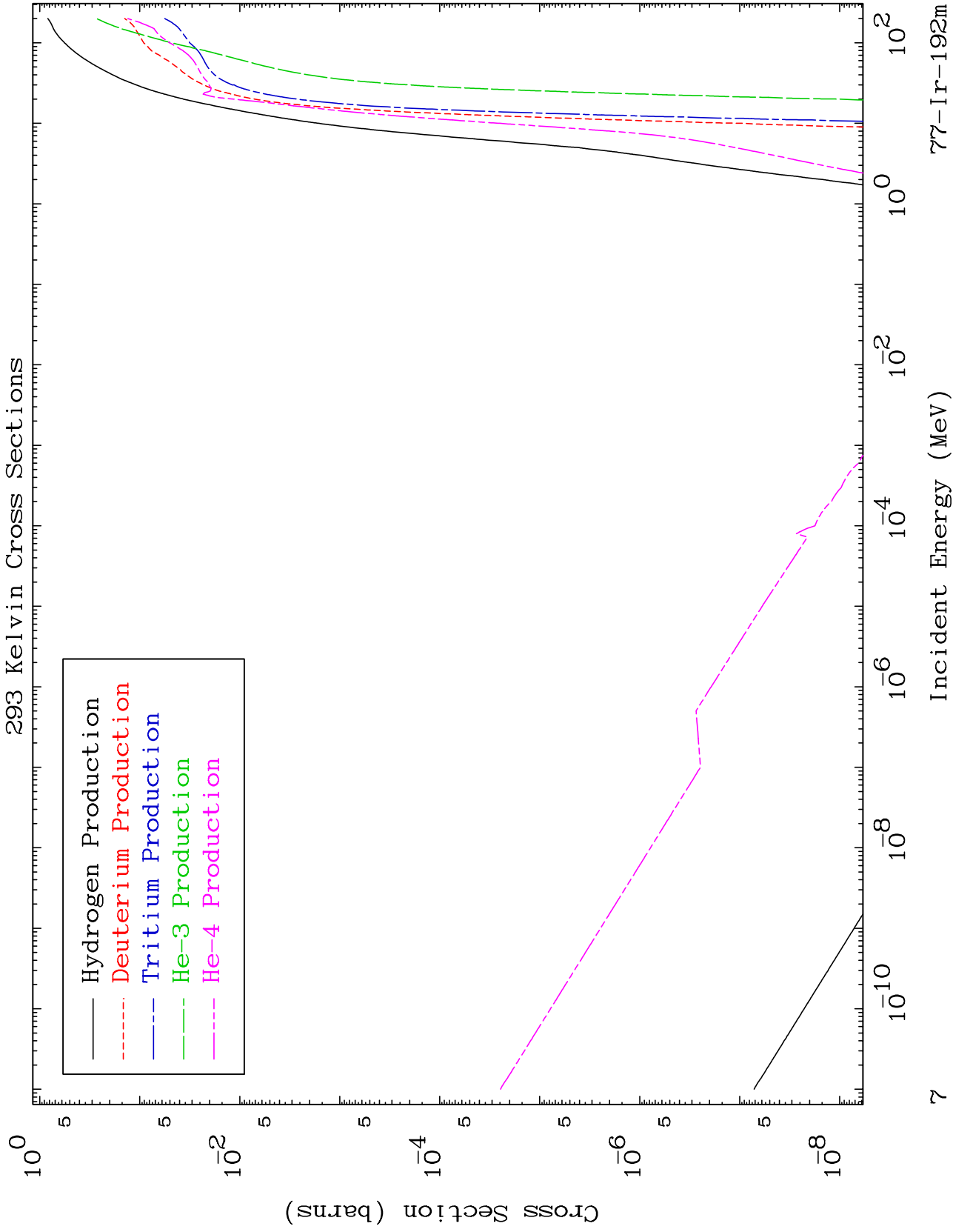
77-Ir-192m



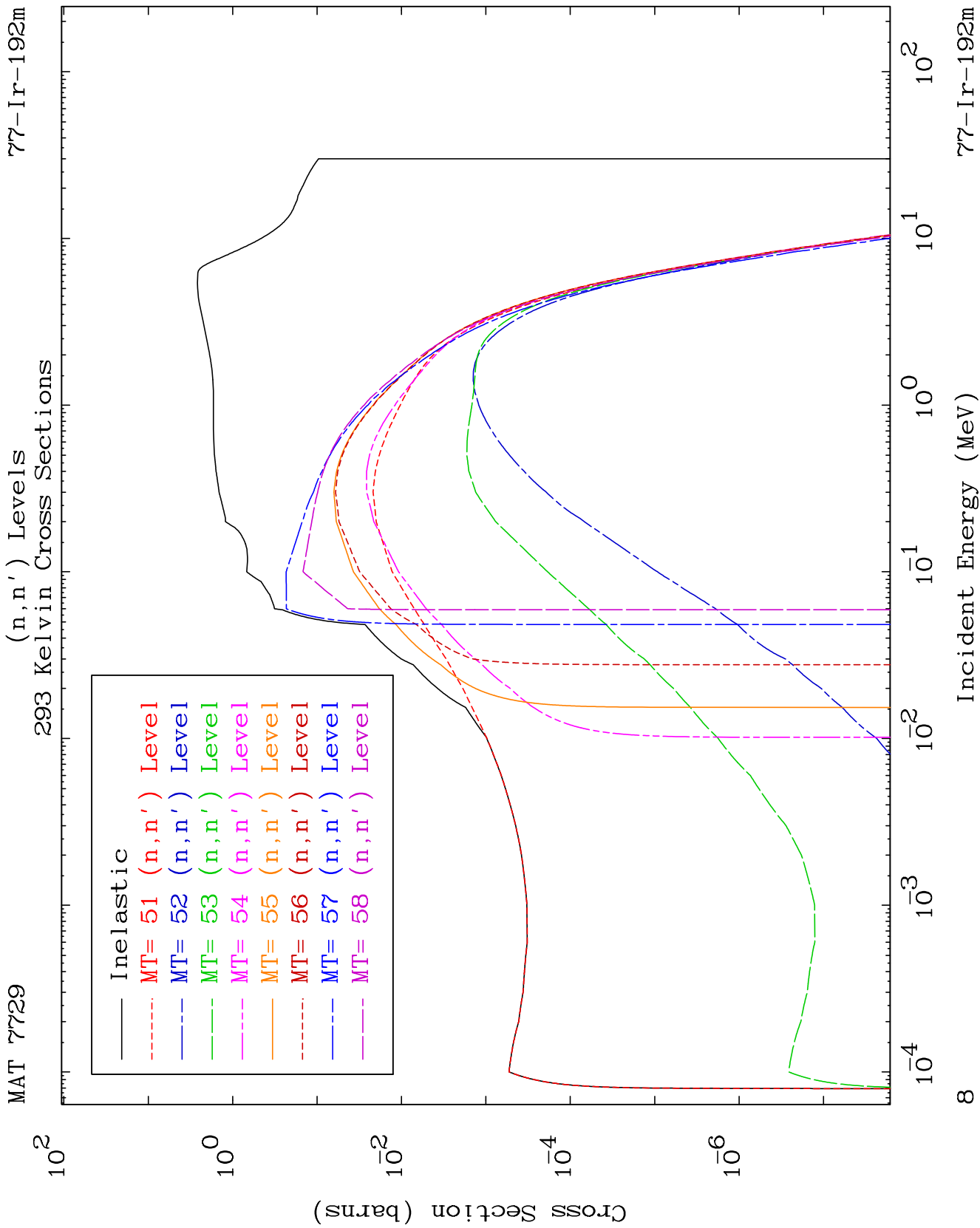
MAT 7729

Particle Production  
293 Kelvin Cross Sections

77-Ir-192m



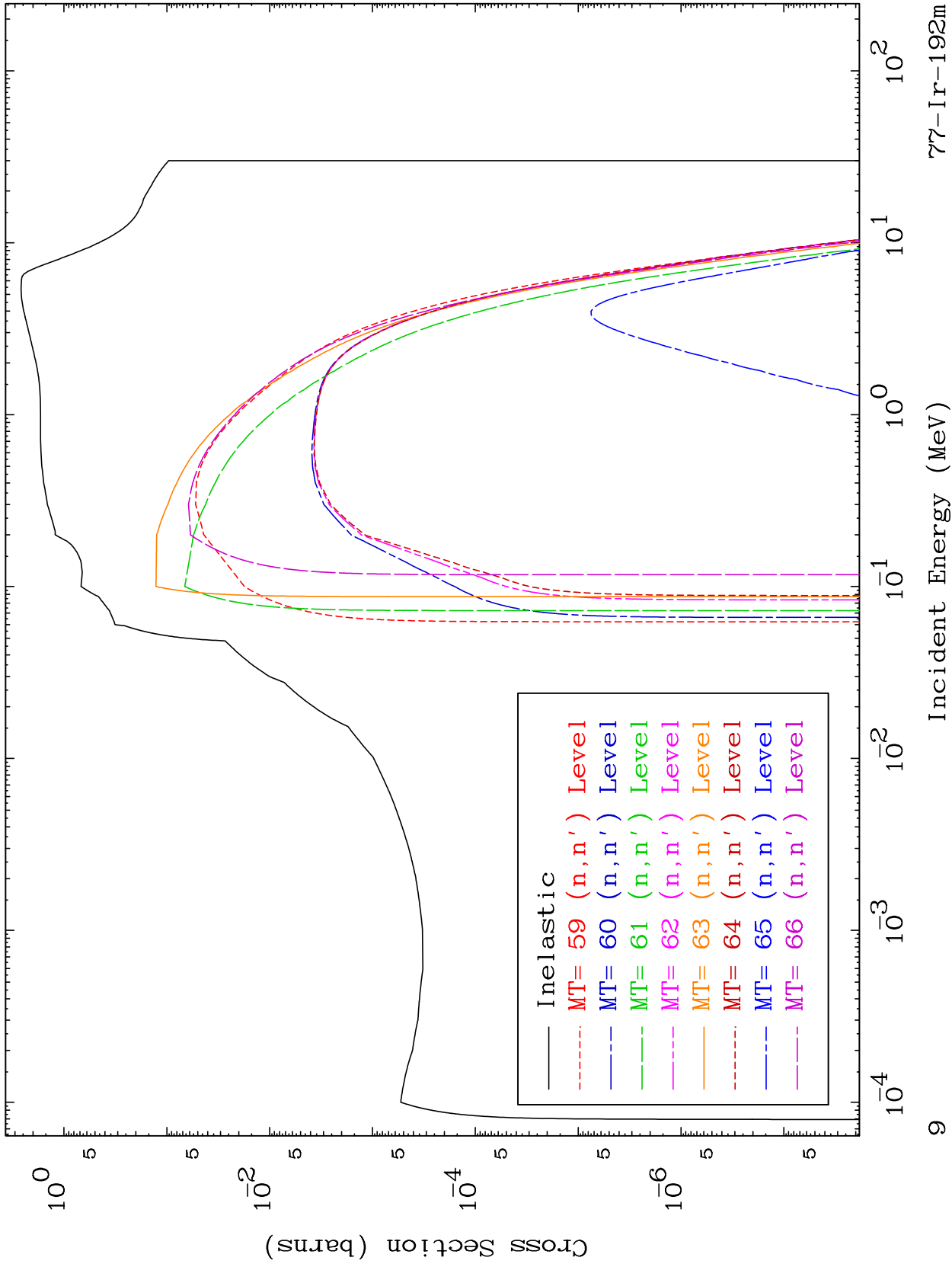




MAT 7729

(n,n') Levels  
293 Kelvin Cross Sections

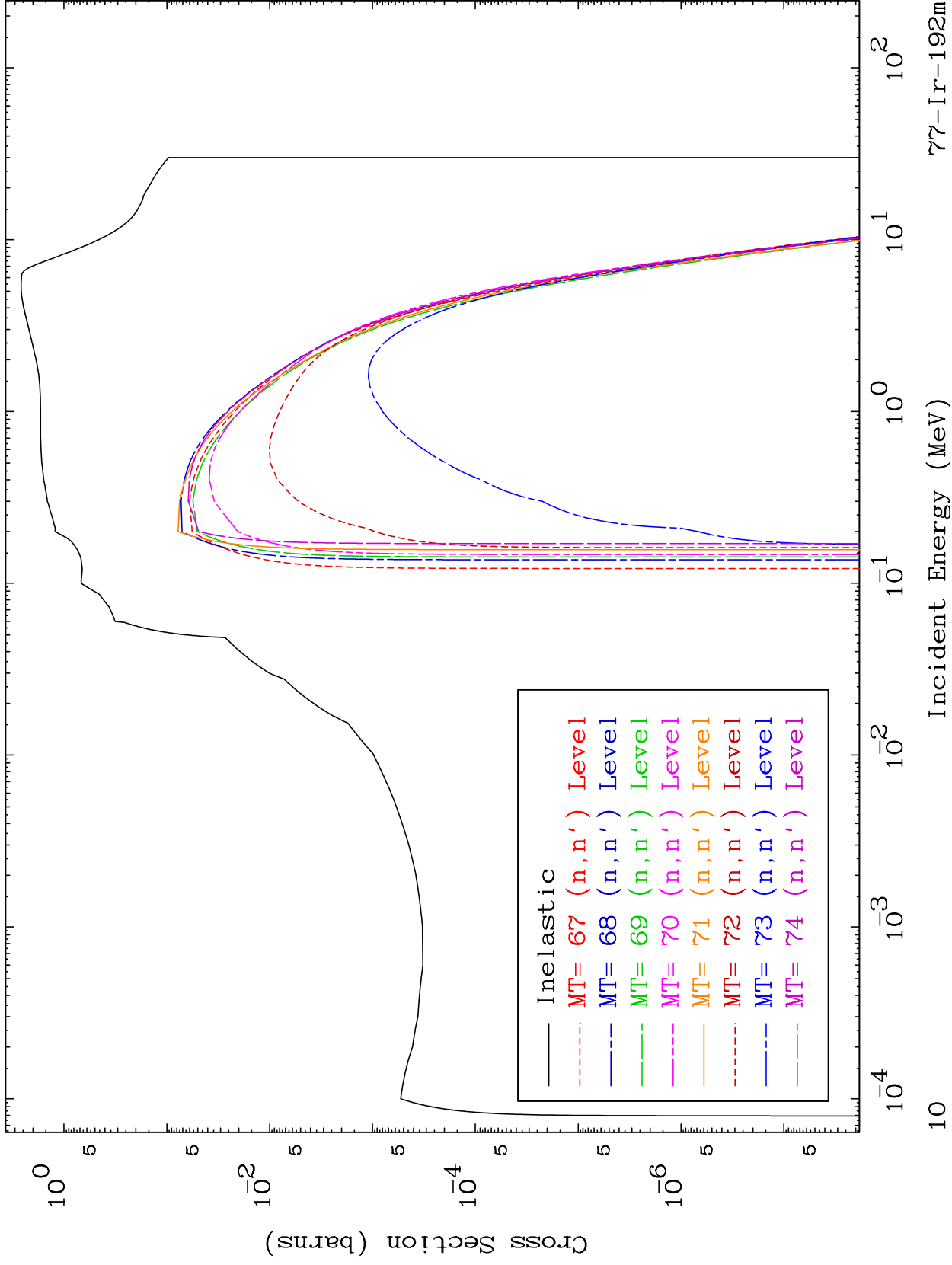
77-Ir-192m



MAT 7729

(n,n') Levels  
293 Kelvin Cross Sections

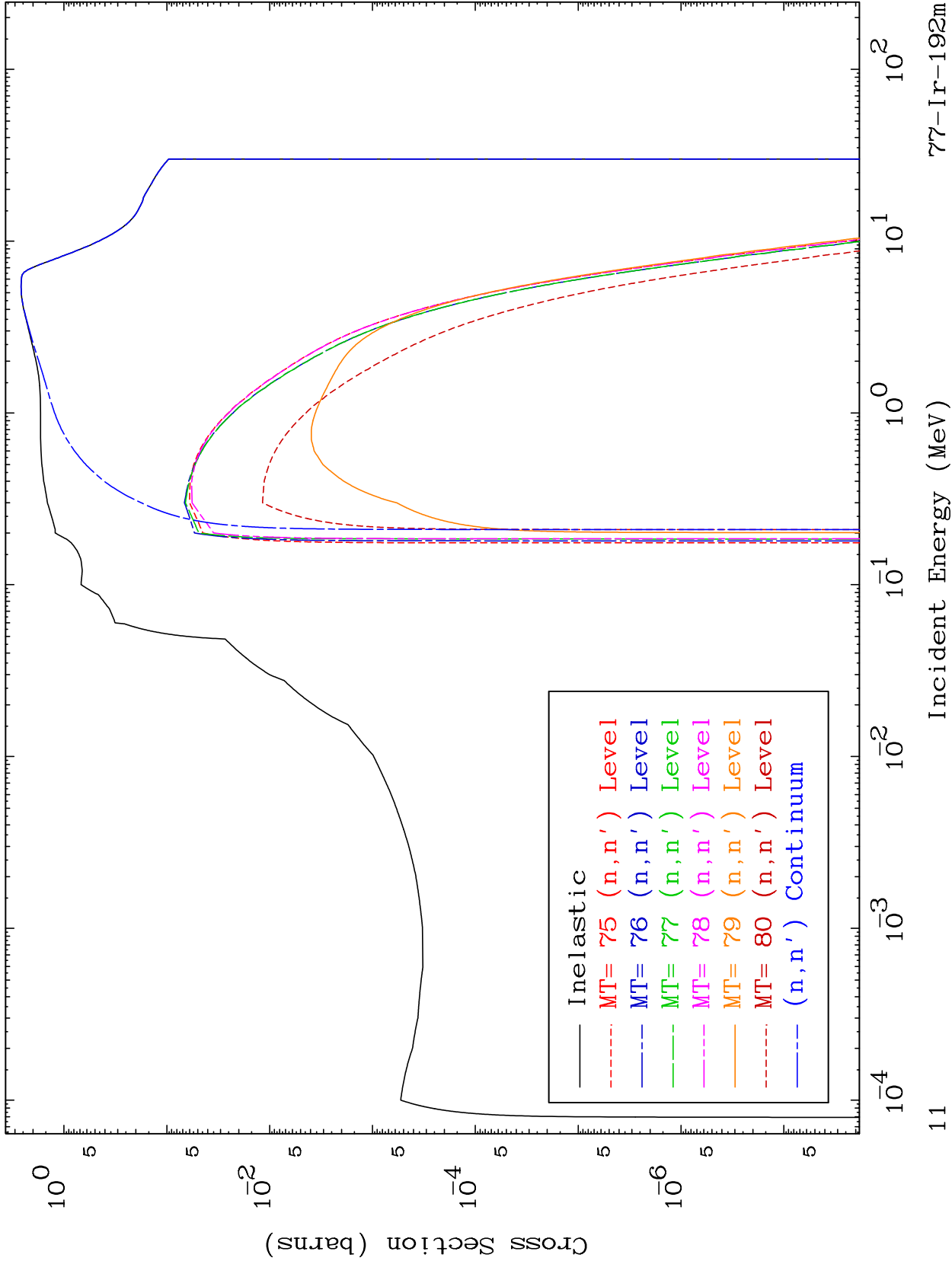
77-Ir-192m



MAT 7729

(n,n') Levels  
293 Kelvin Cross Sections

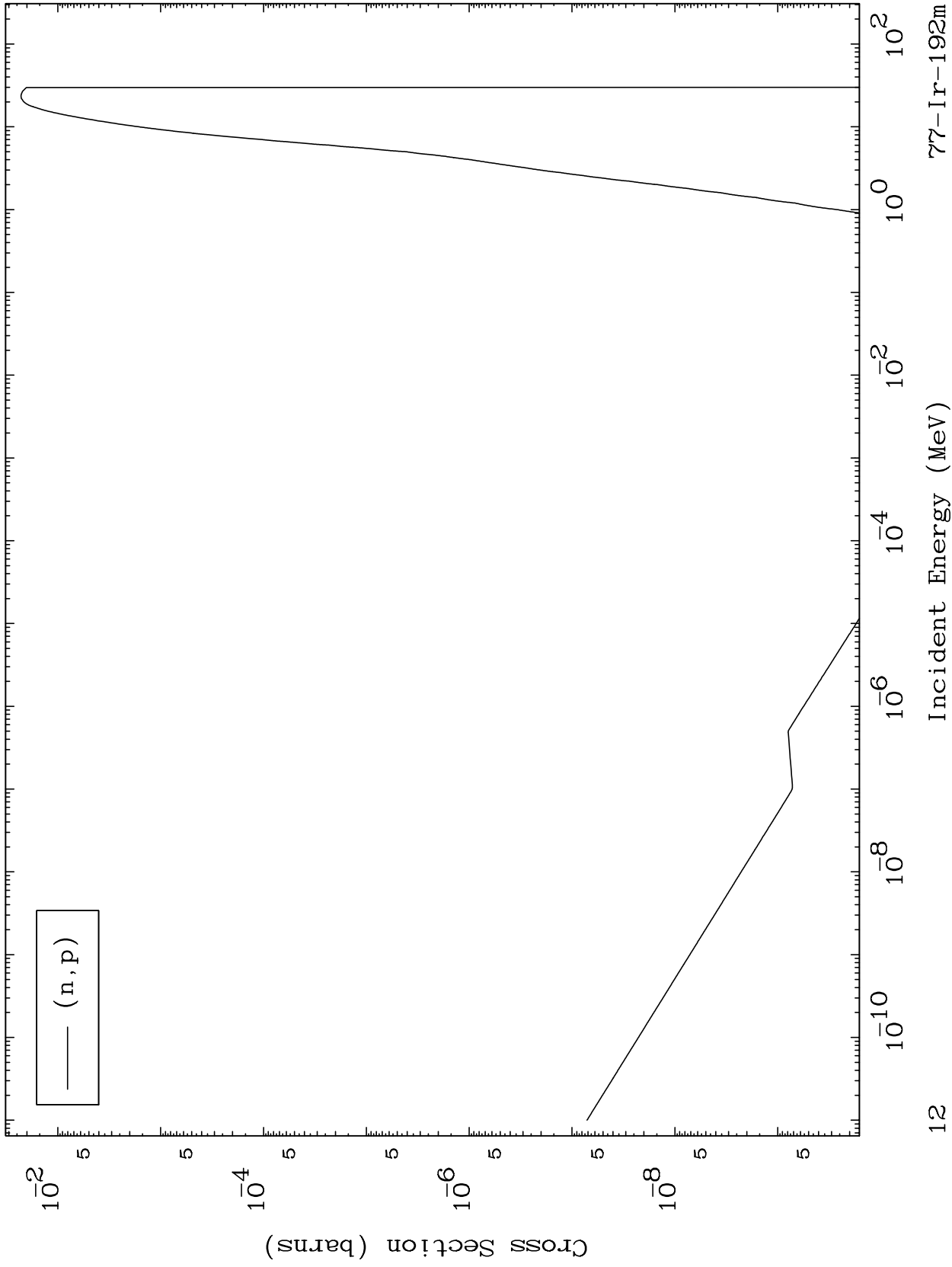
77-Ir-192m



MAT 7729

(n,p) Levels  
293 Kelvin Cross Sections

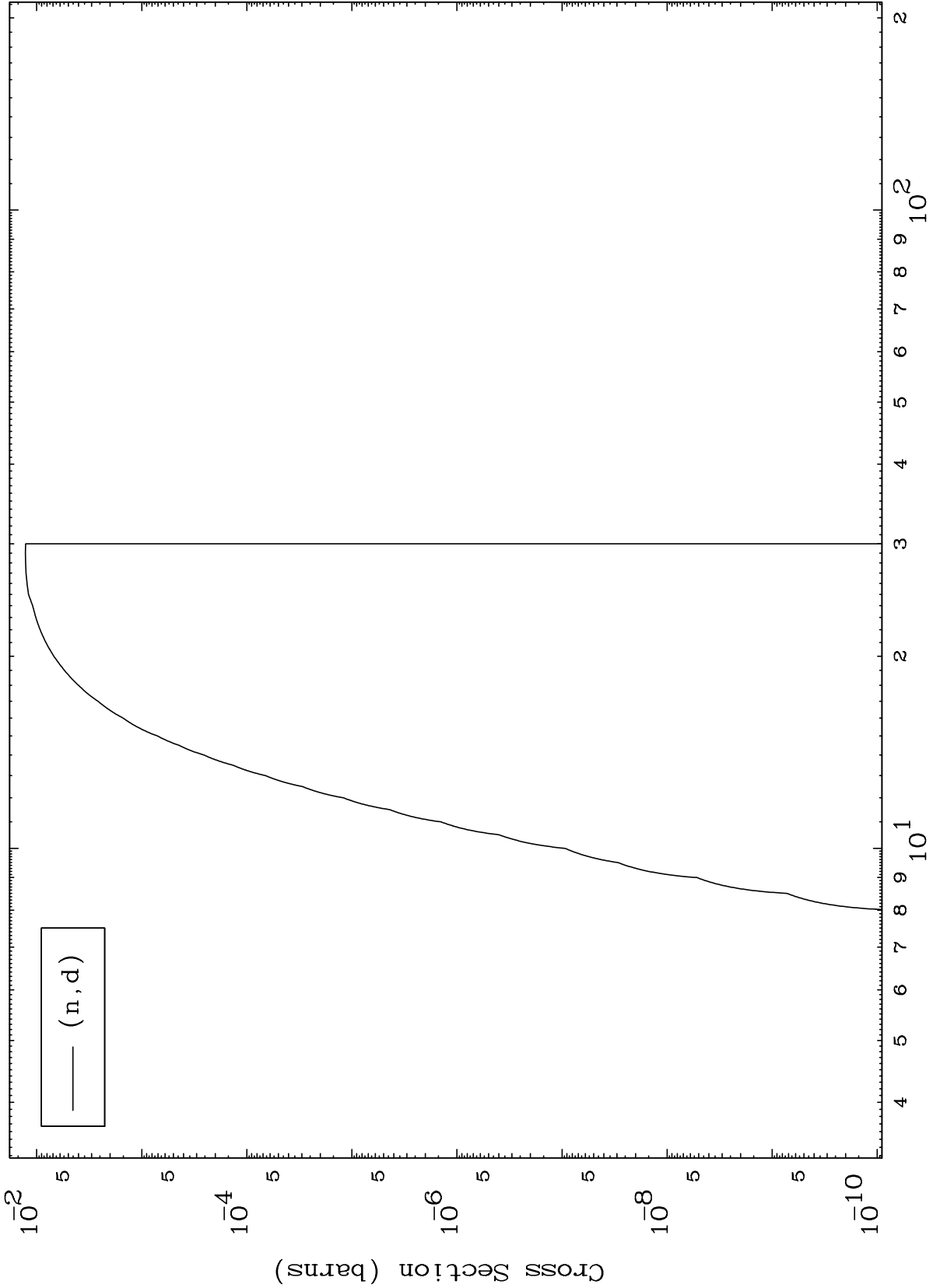
77-Ir-192m



MAT 7729

(n,d) Levels  
293 Kelvin Cross Sections

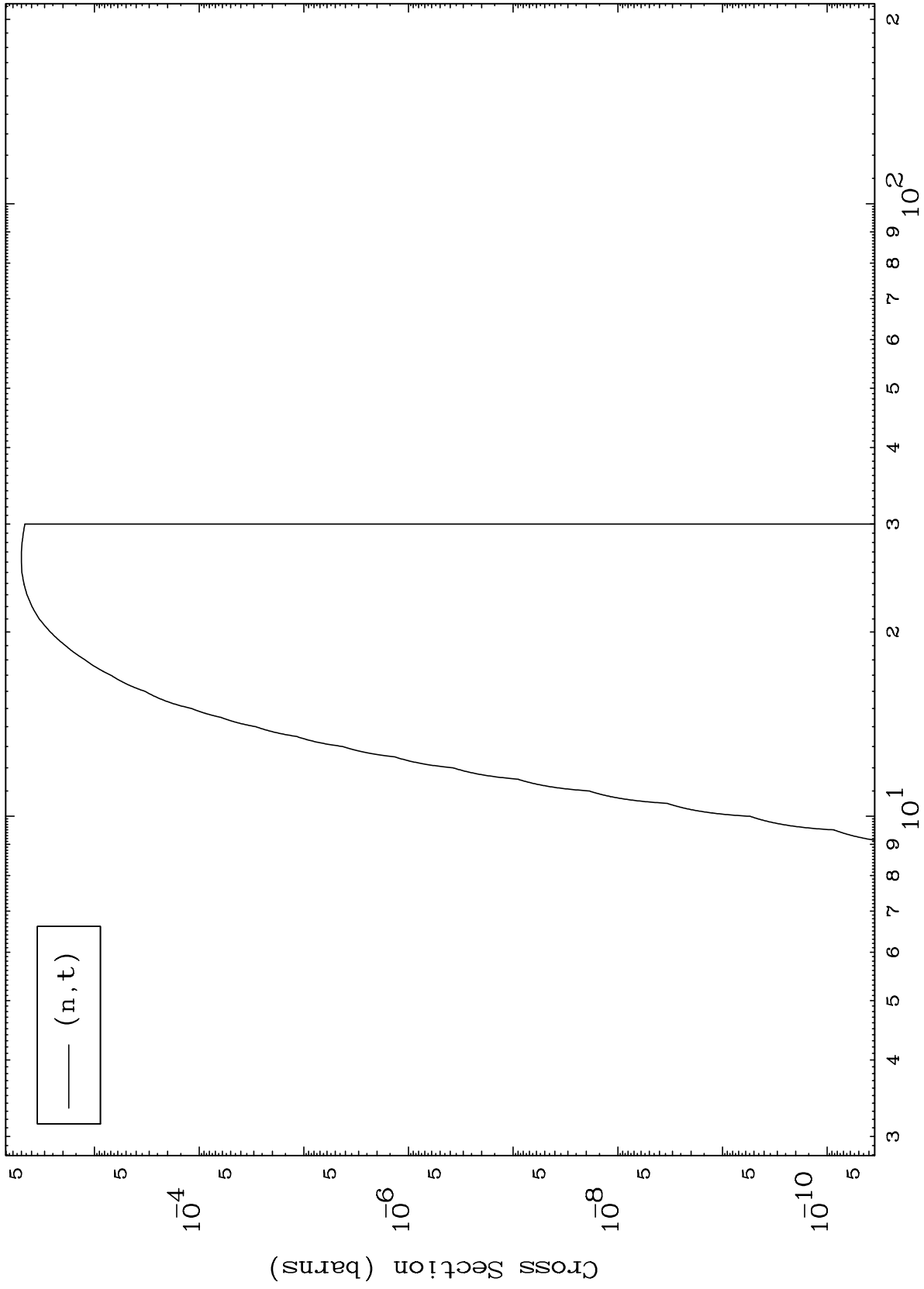
77-Ir-192m



MAT 7729

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-192m



14

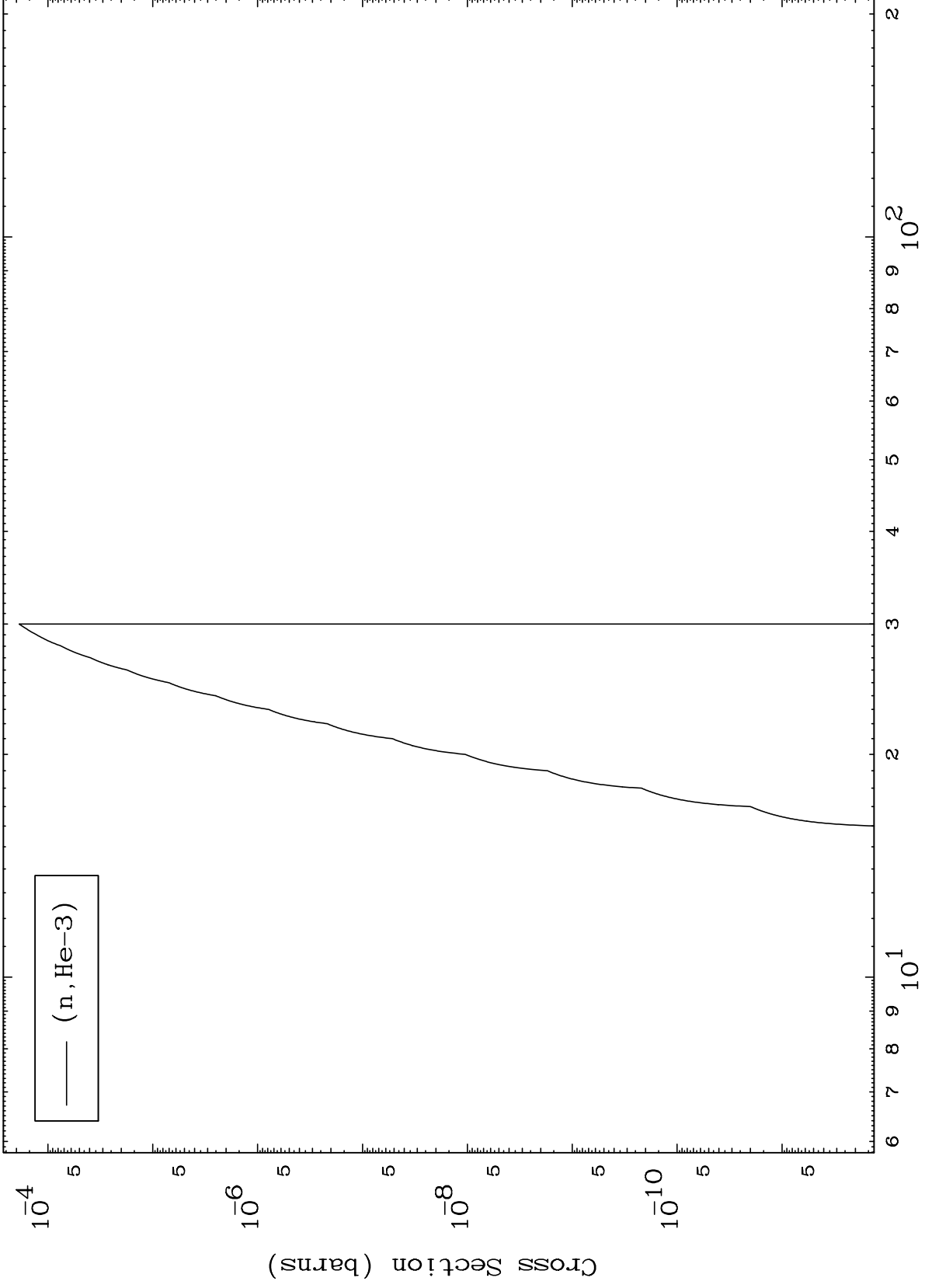
Incident Energy (MeV)

77-Ir-192m

MAT 7729

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-192m



15

Incident Energy (MeV)

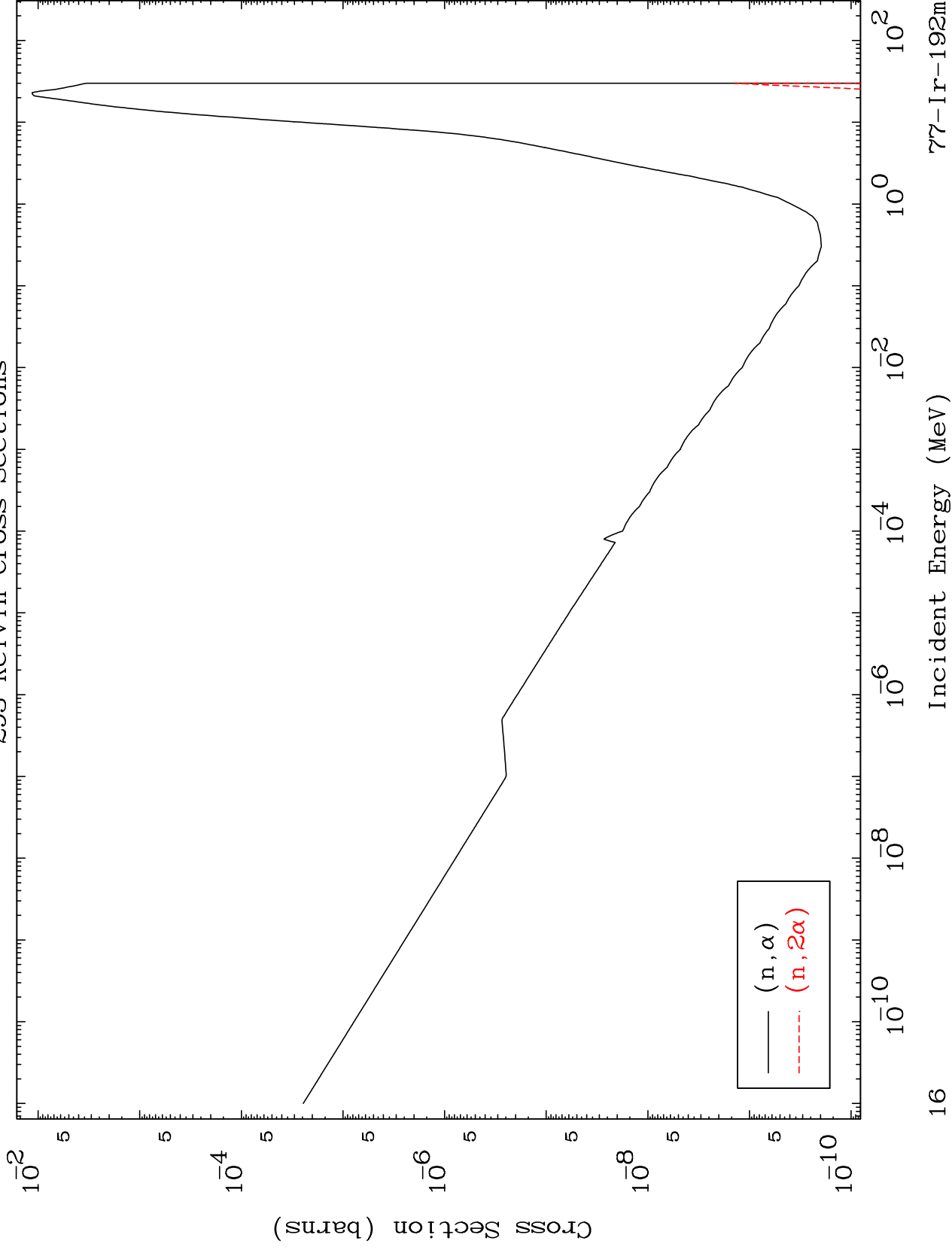
77-Ir-192m



MAT 7729

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

77-Ir-192m

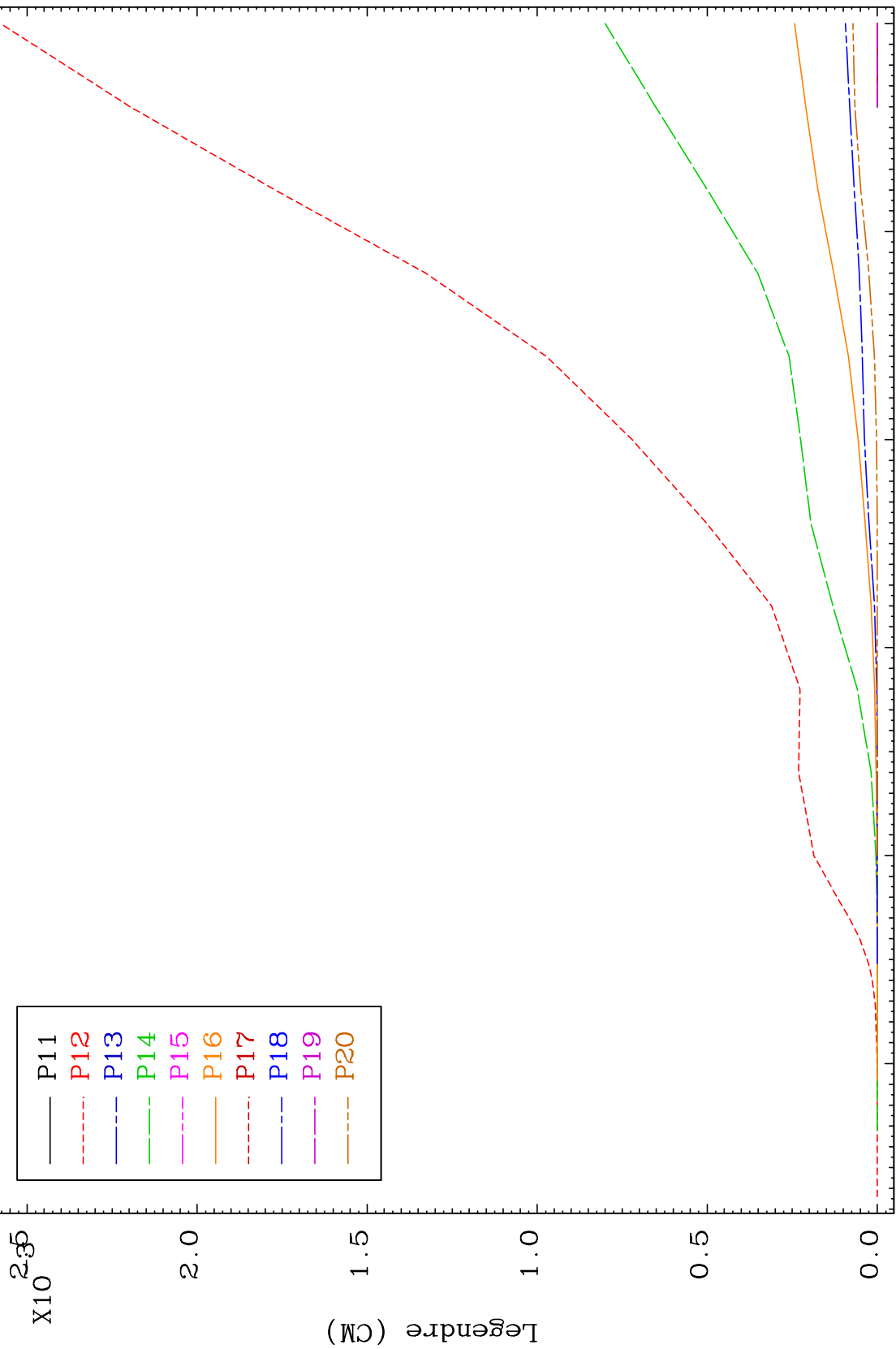
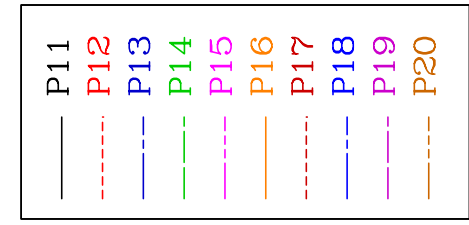




MAT 7729

Elastic  
Legendre Coefficients

77-Ir-192m



18

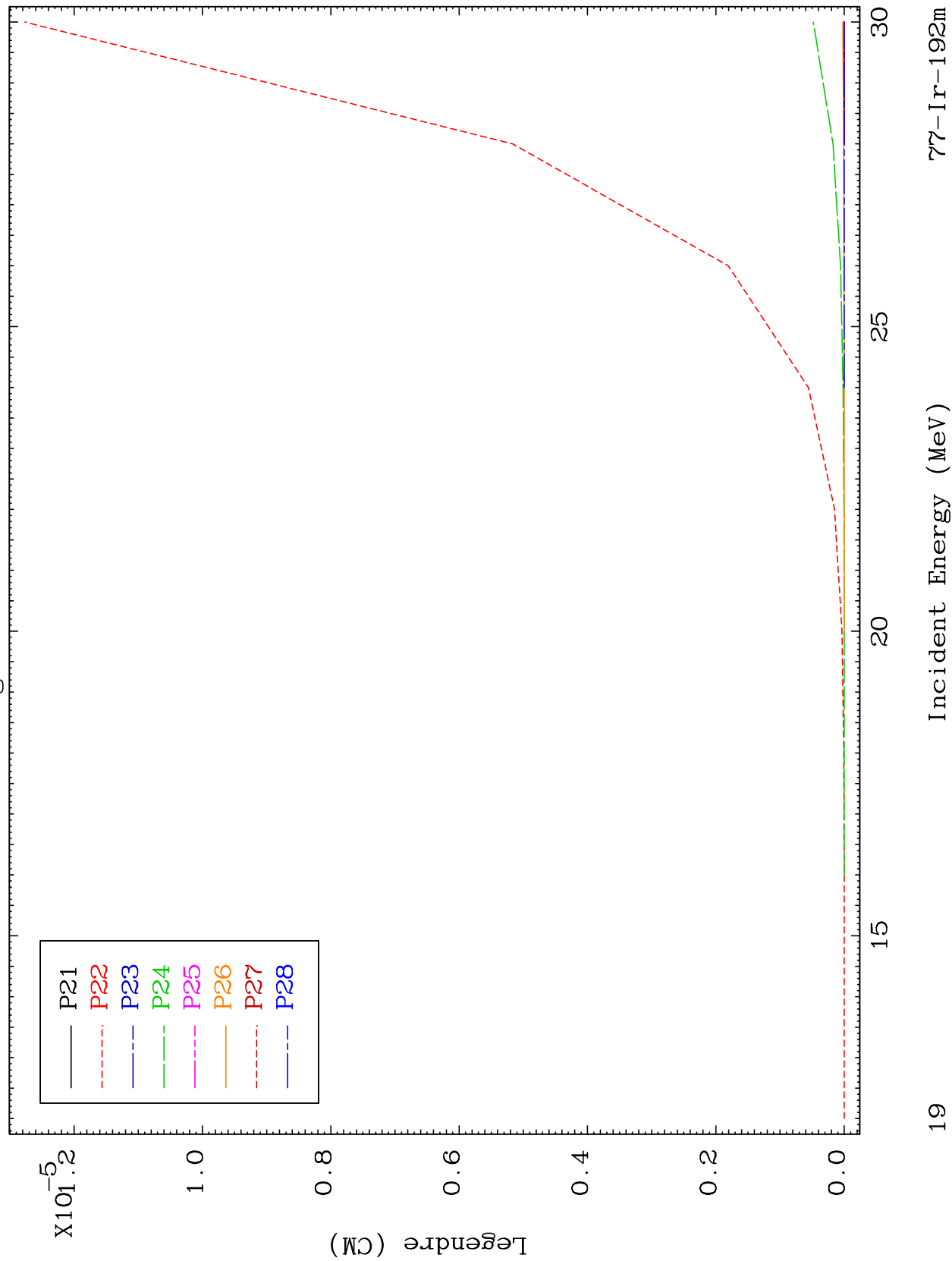
Incident Energy (MeV)

77-Ir-192m

MAT 7729

### Elastic Legendre Coefficients

77-Ir-192m



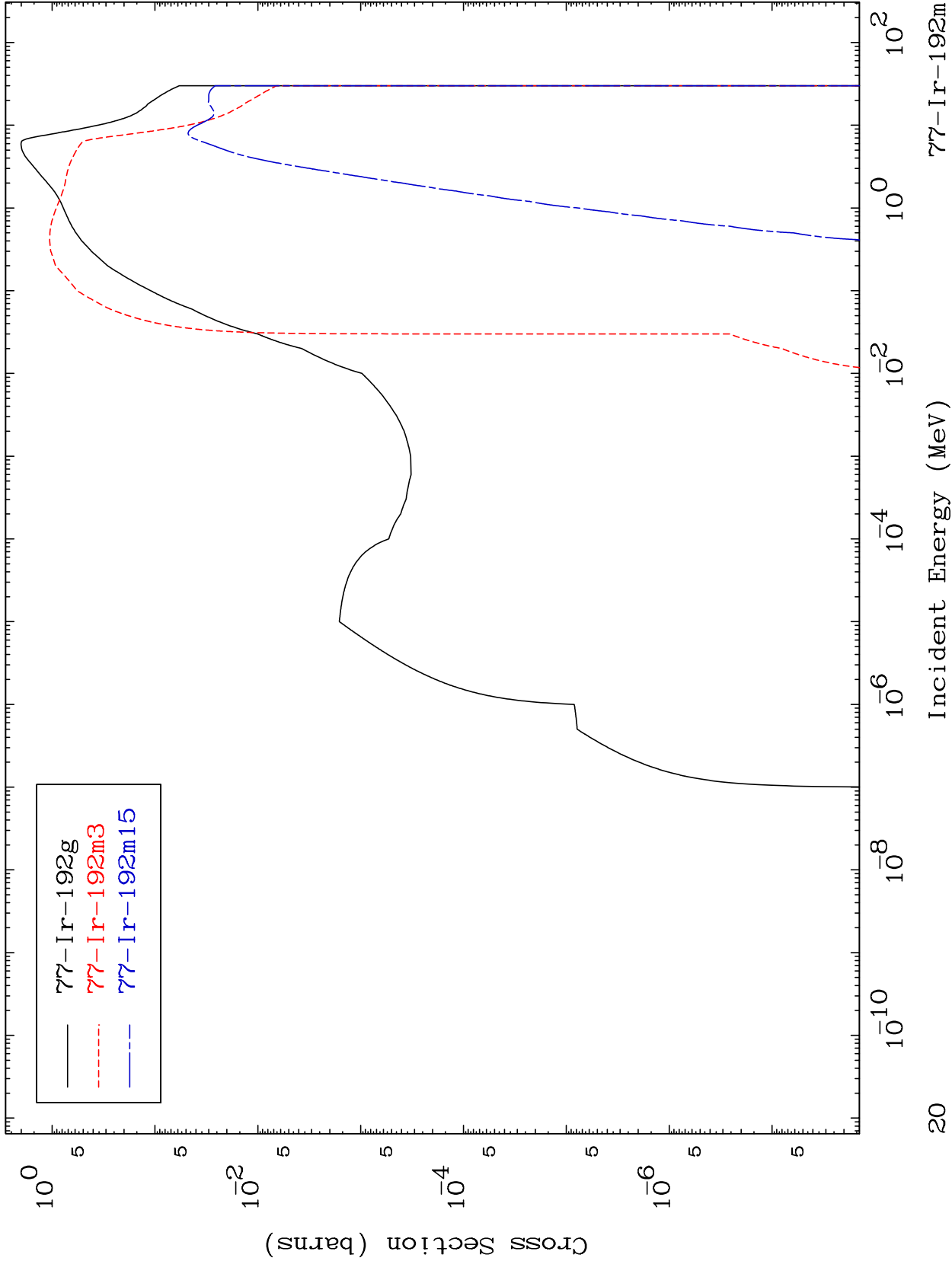
19

77-Ir-192m

MAT 7729

Inelastic  
Radionuclide Production Cross Section

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

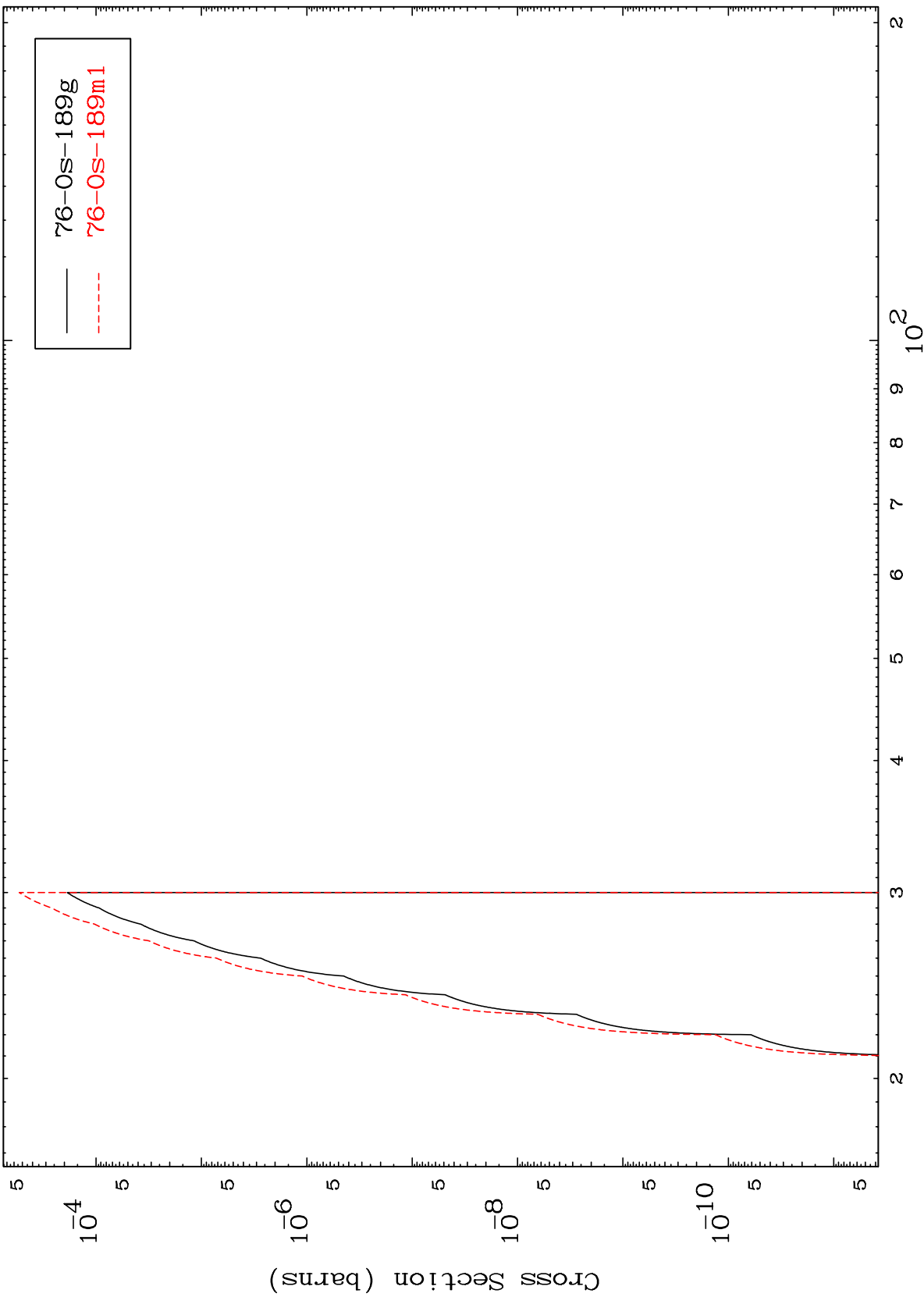


MAT 7729

(n,2n) d

77-Ir-192m

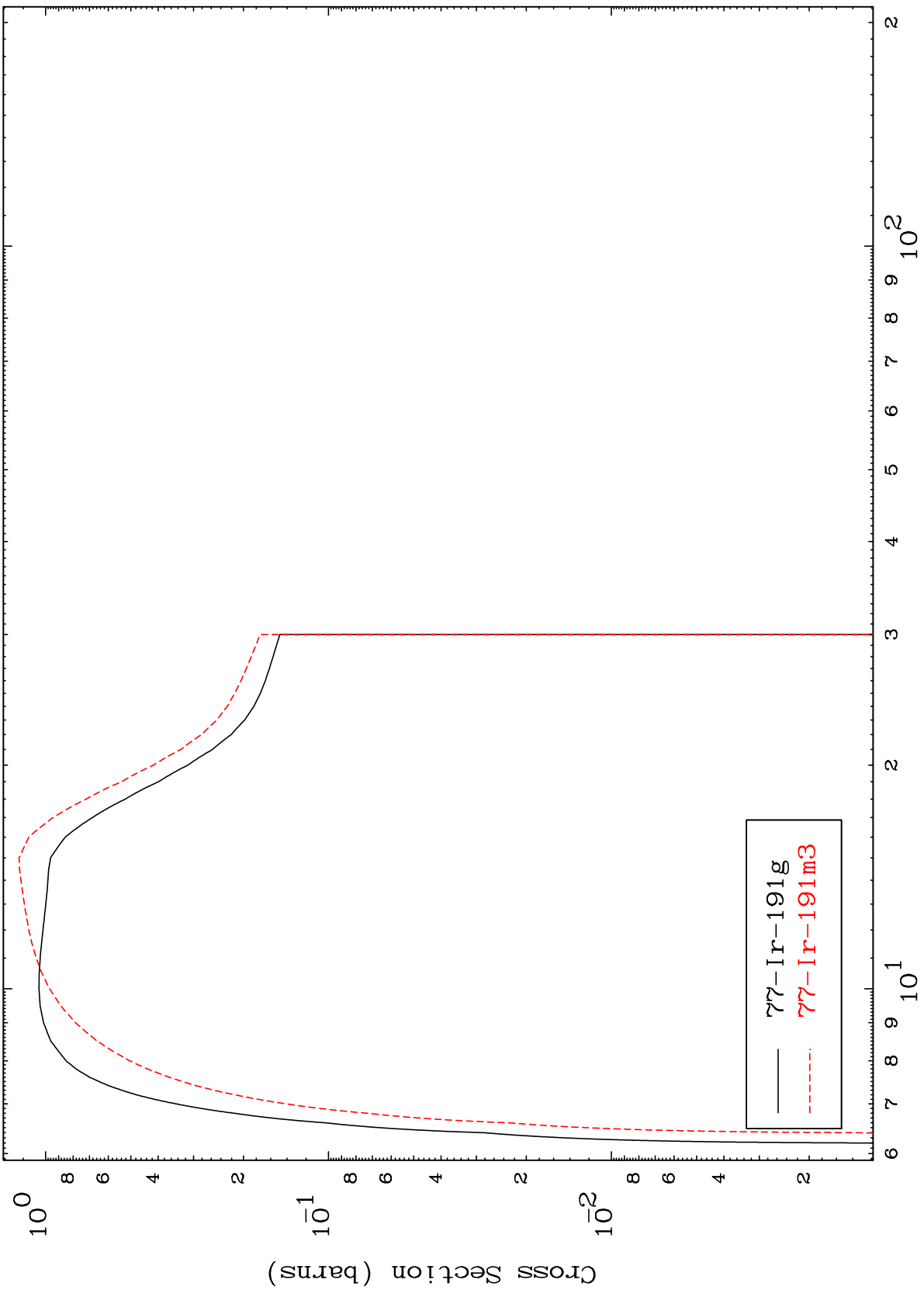
Radionuclide Production Cross Section



MAT 7729

77-Ir-192m

(n,2n) Radionuclide Production Cross Section



77-Ir-191g  
77-Ir-191m3

Incident Energy (MeV)

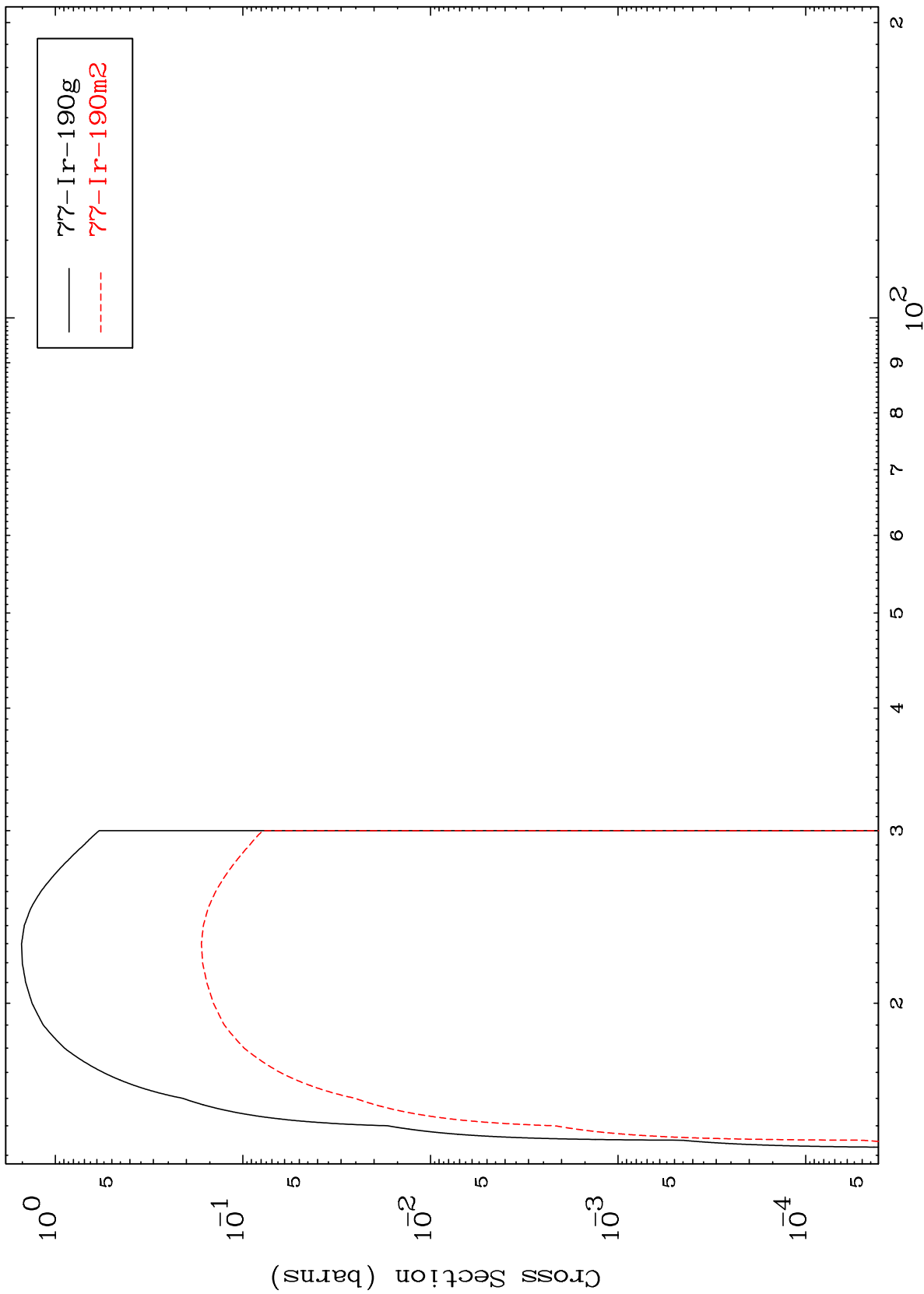
77-Ir-192m

22

MAT 7729

77-Ir-192m

(n,3n)  
Radionuclide Production Cross Section

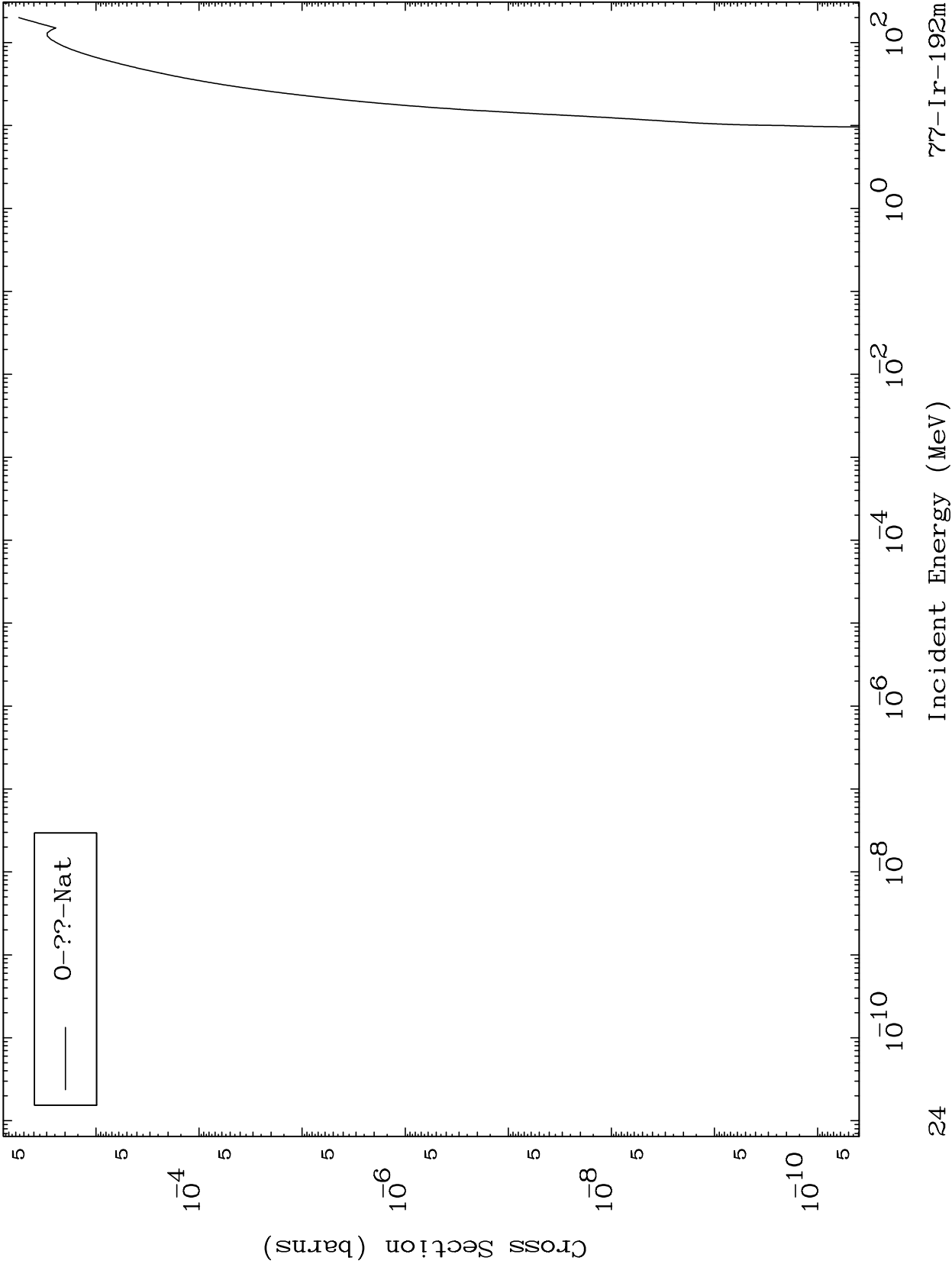




MAT 7729

Fission  
Radionuclide Production Cross Section

77-Ir-192m

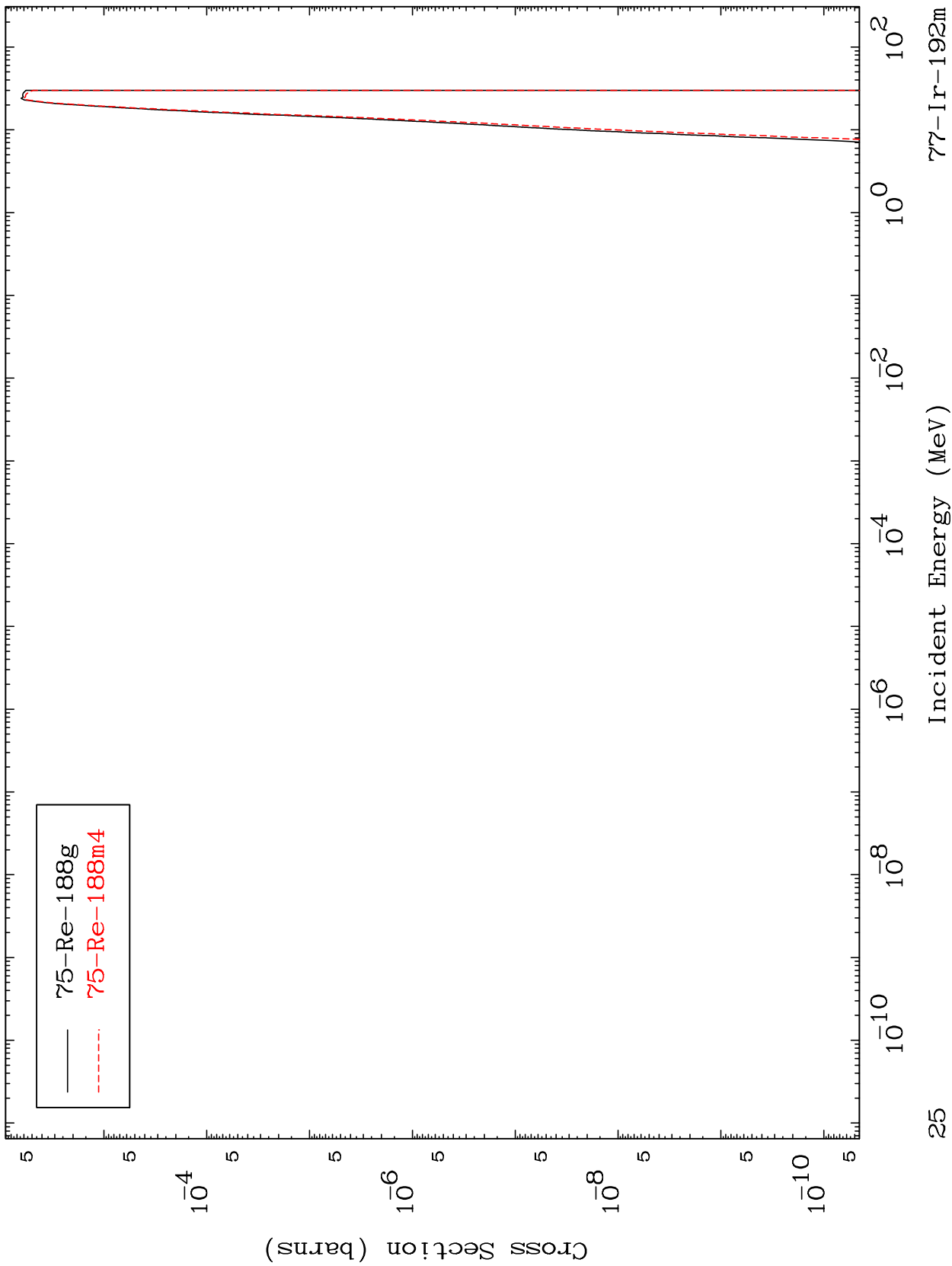


MAT 7729

(n,n')  $\alpha$

77-Ir-192m

Radionuclide Production Cross Section

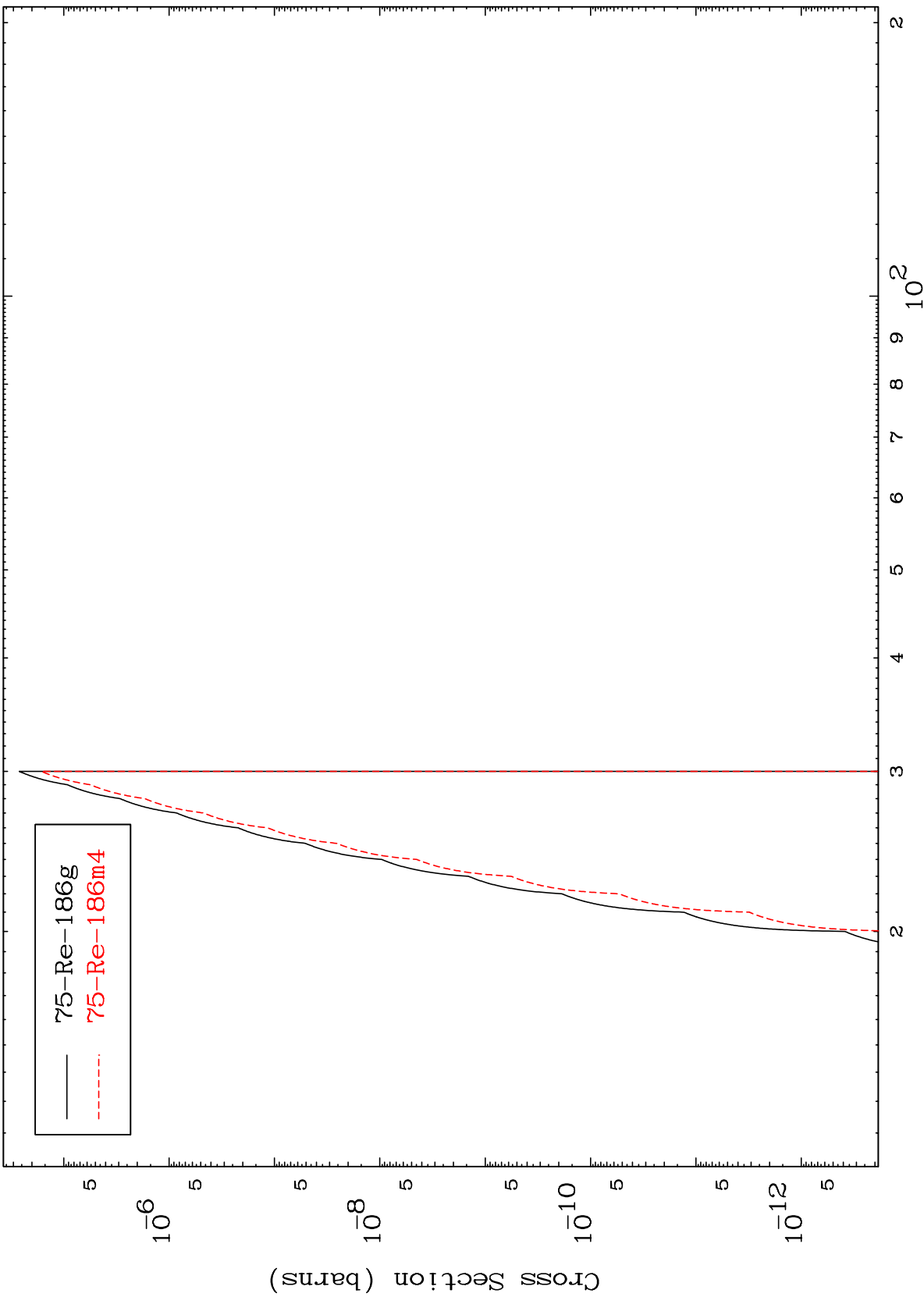


MAT 7729

(n,3n)  $\alpha$

77-Ir-192m

Radionuclide Production Cross Section

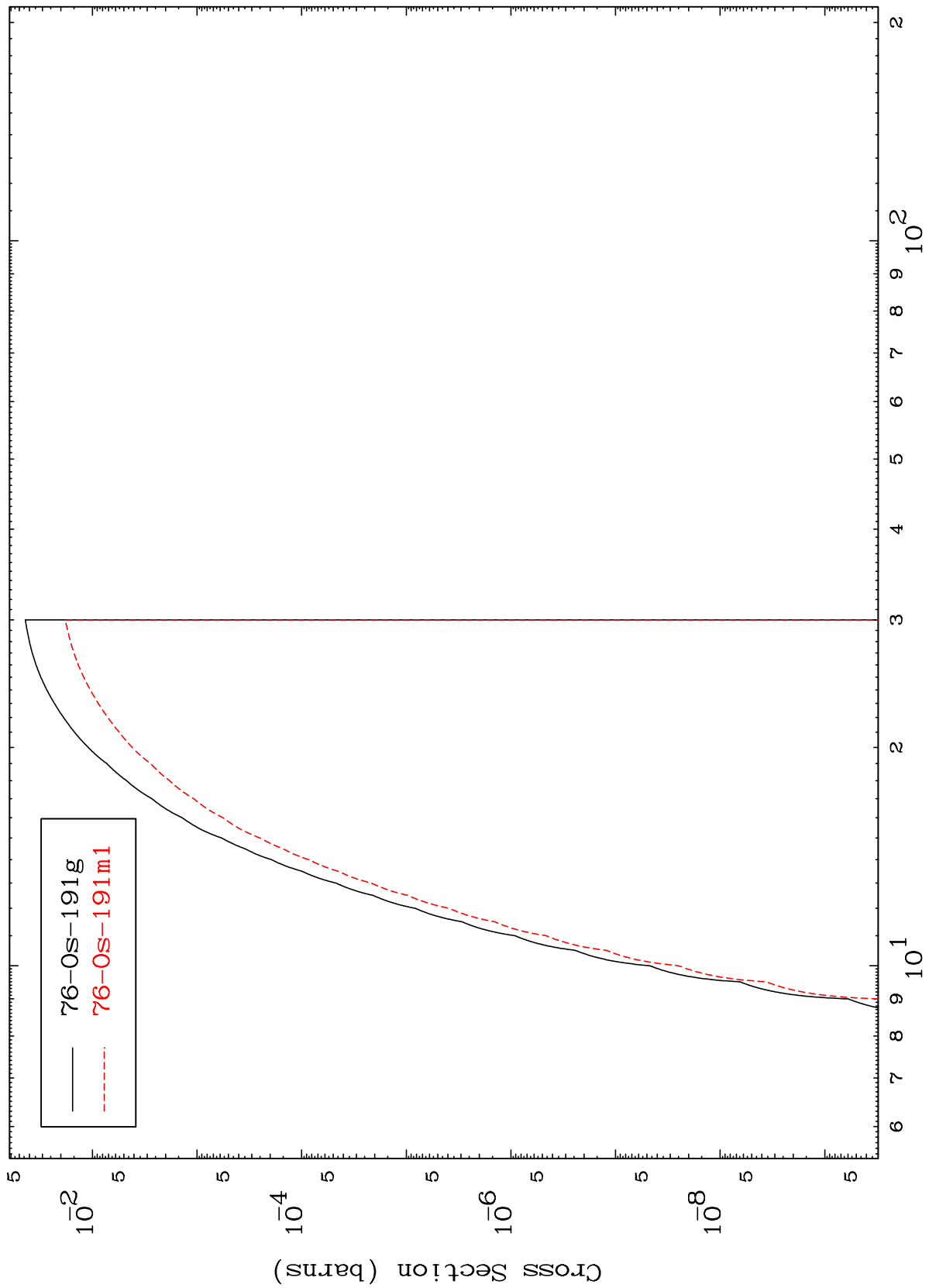


MAT 7729

(n,n') p

77-Ir-192m

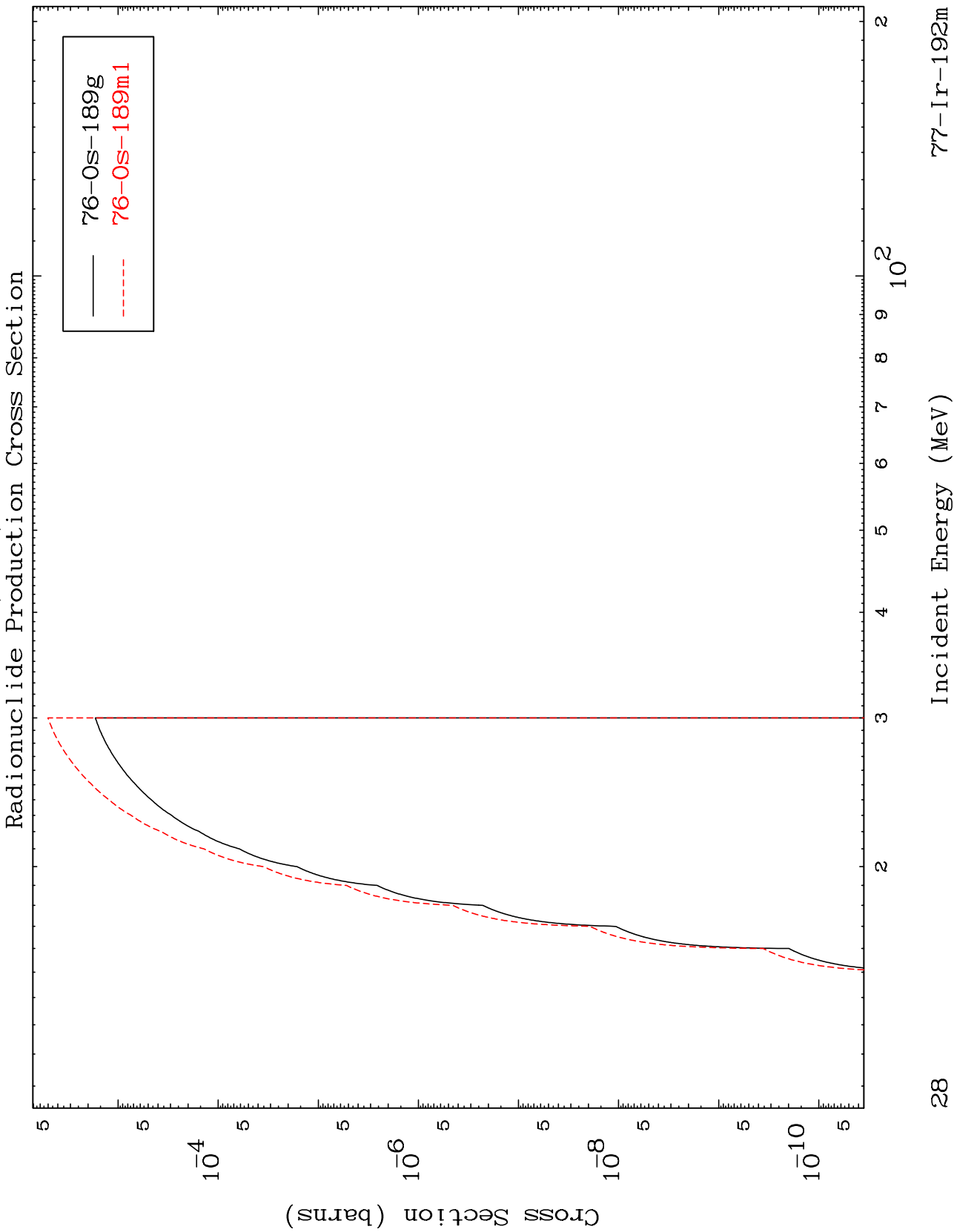
Radionuclide Production Cross Section



27

Incident Energy (MeV)

77-Ir-192m

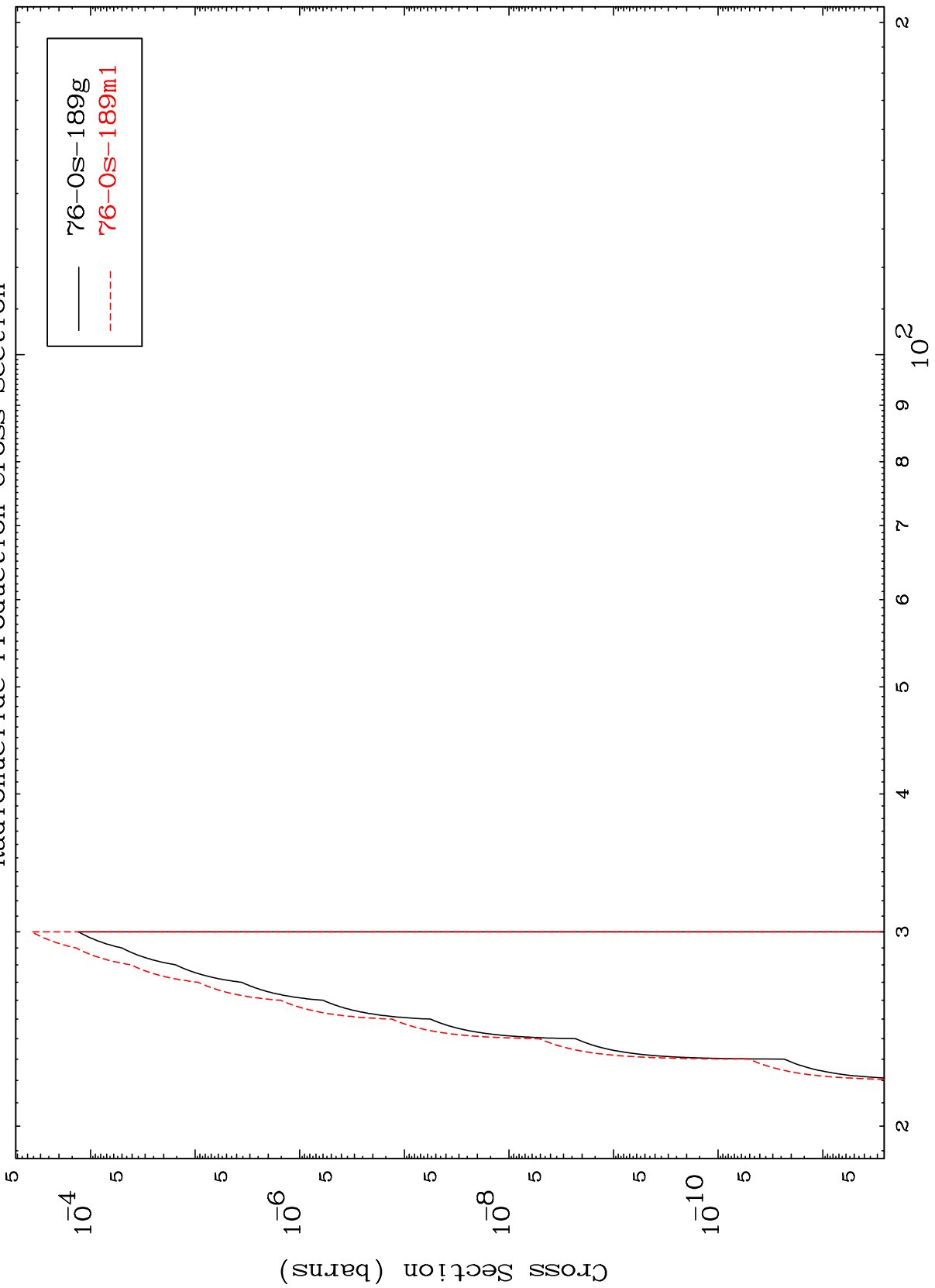


MAT 7729

(n,3n) p

77-Ir-192m

Radionuclide Production Cross Section

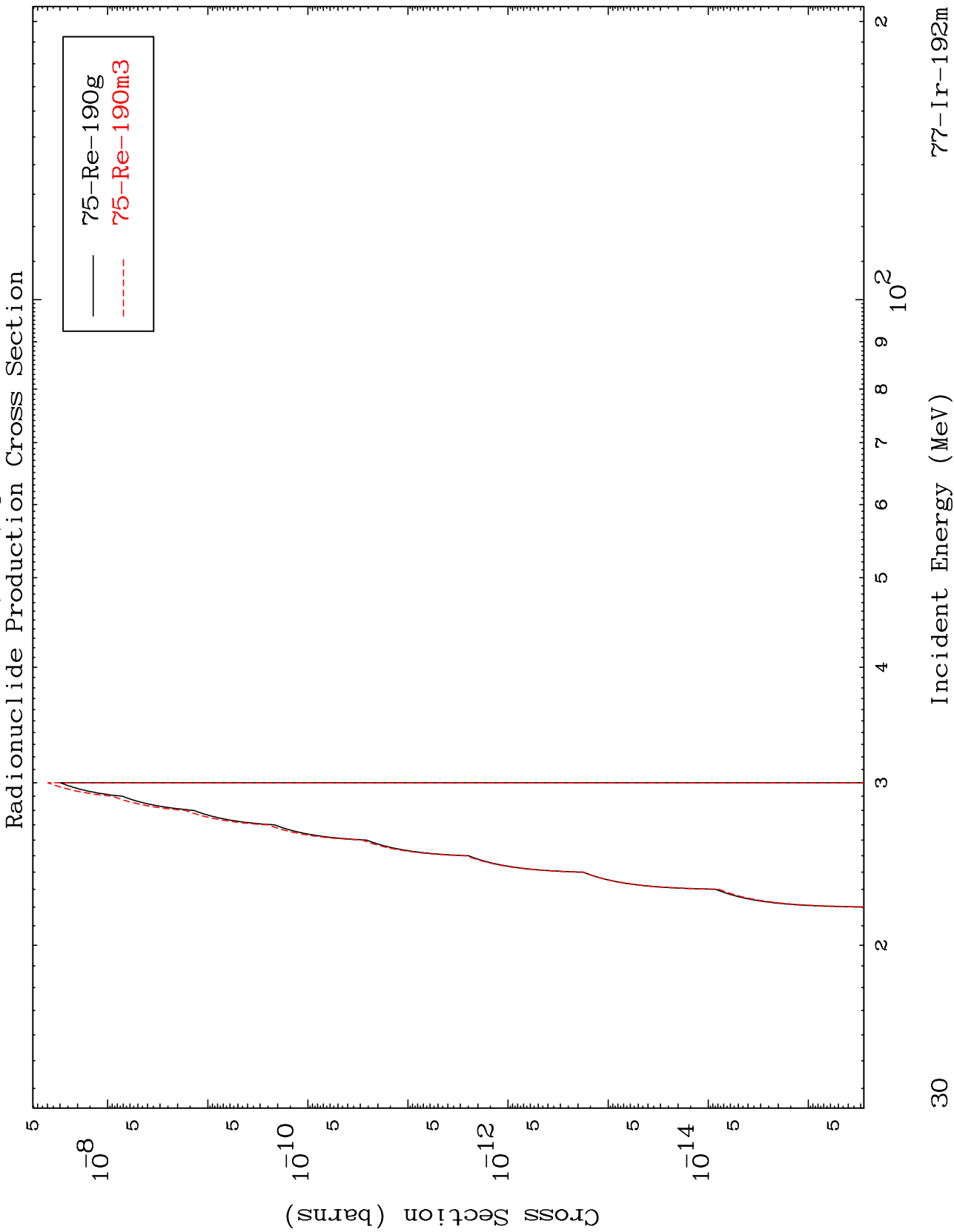


76-Os-189g  
76-Os-189m1

29

Incident Energy (MeV)

77-Ir-192m

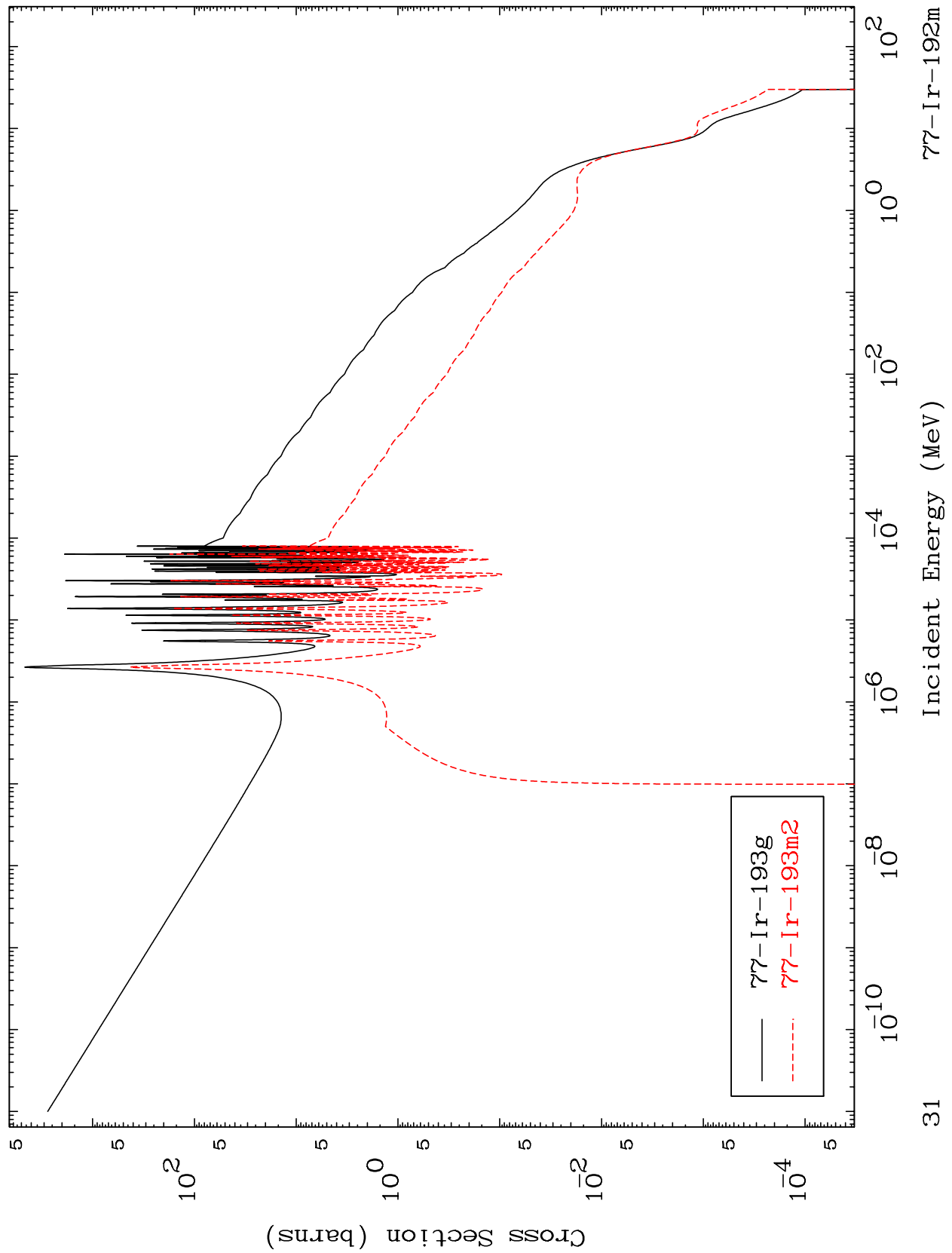


MAT 7729

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

Radionuclide Production Cross Section

(n,γ)



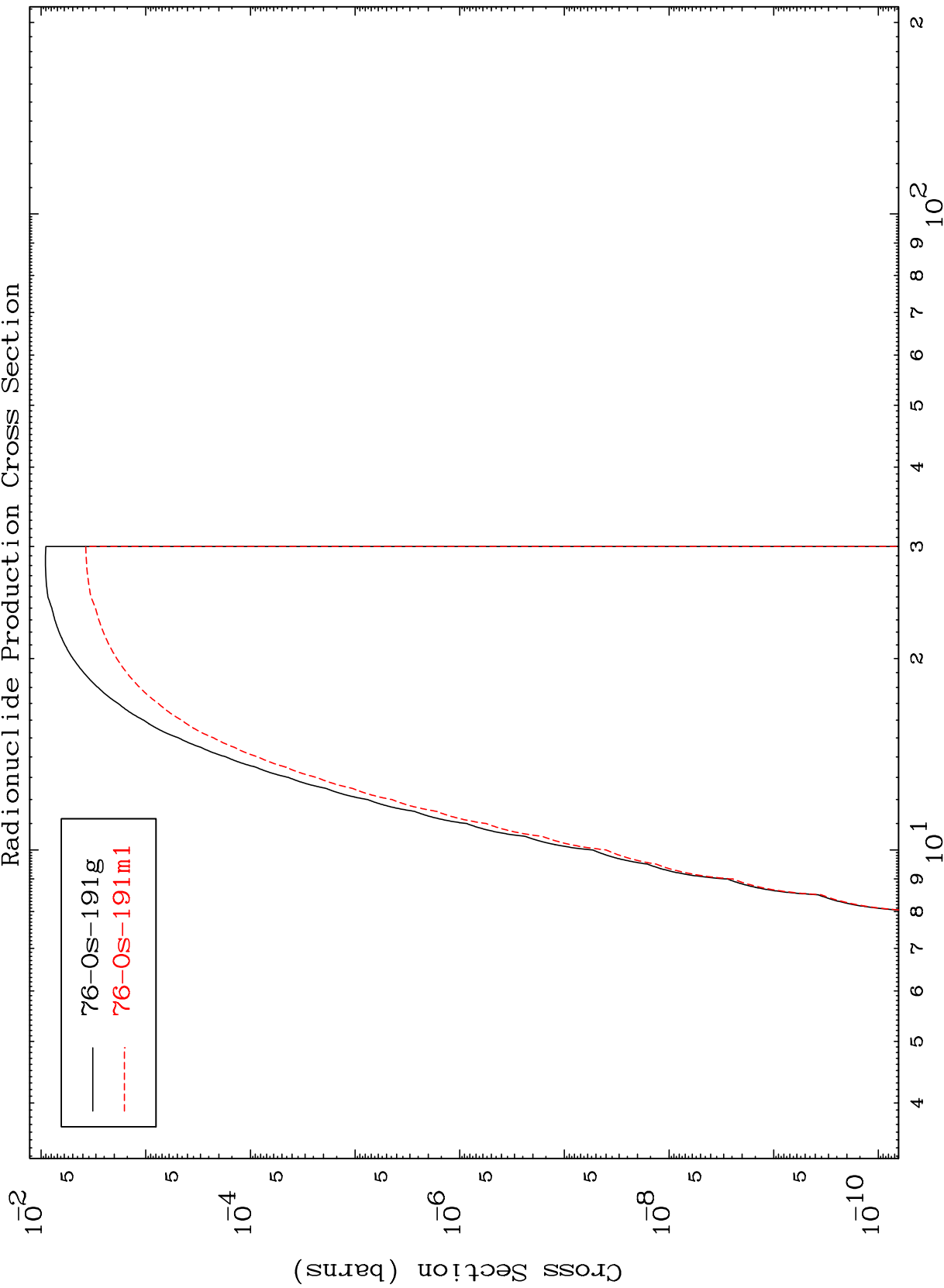


MAT 7729

(n,d)

77-Ir-192m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-192m

32

