

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

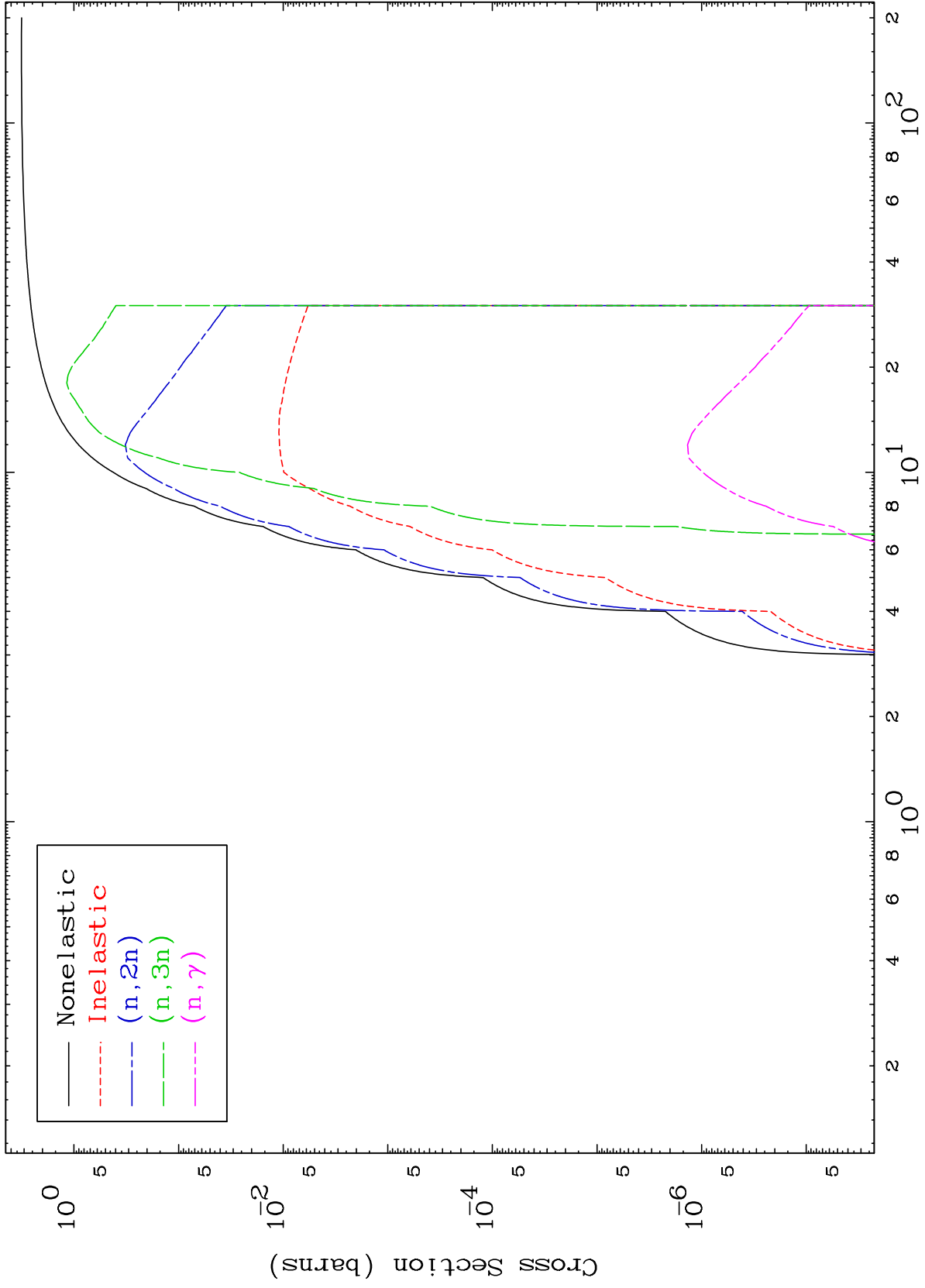
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7744

Deuteron Major  
0 Kelvin Cross Sections

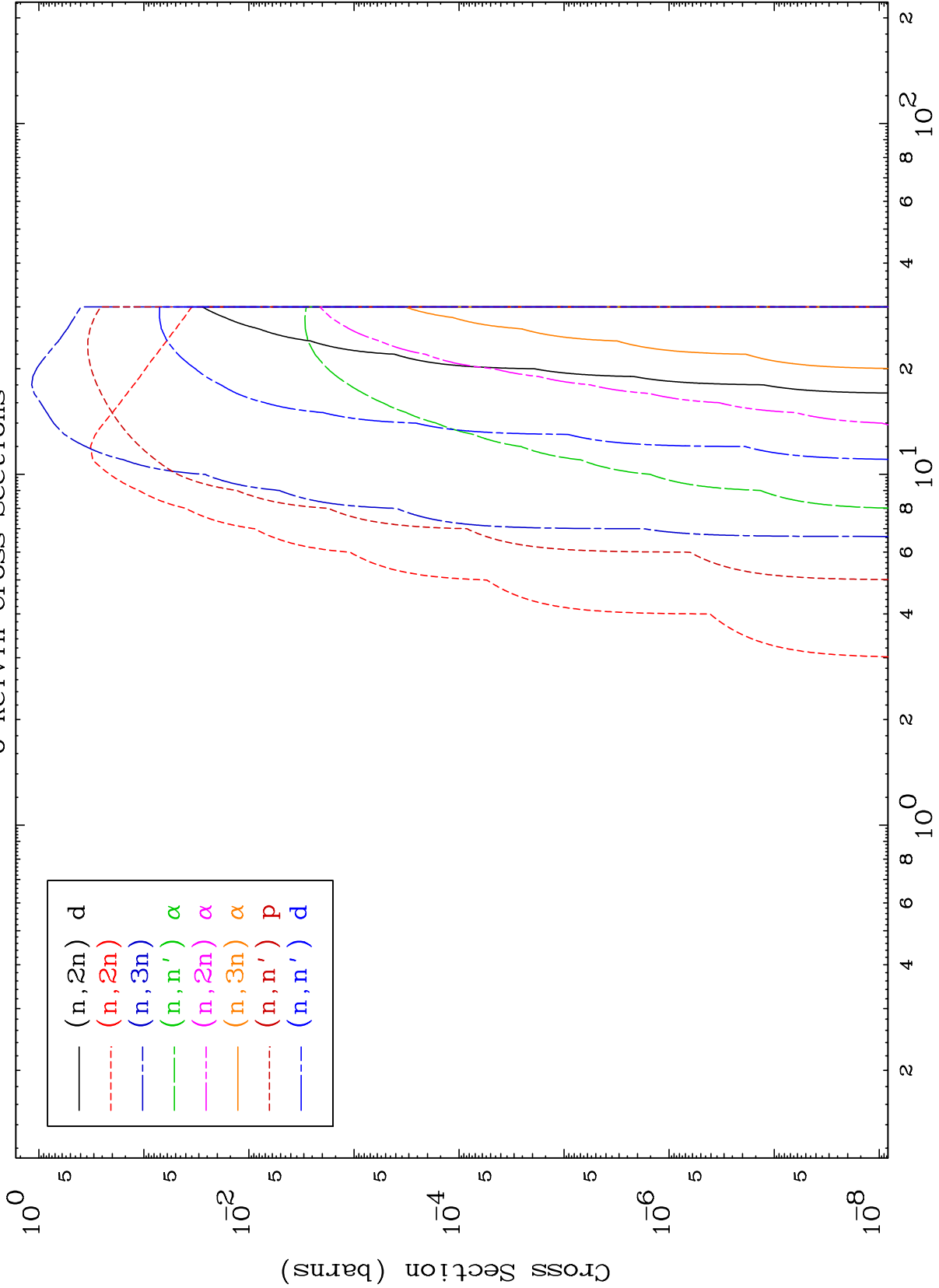
77-Ir-197m



MAT 7744

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-197m



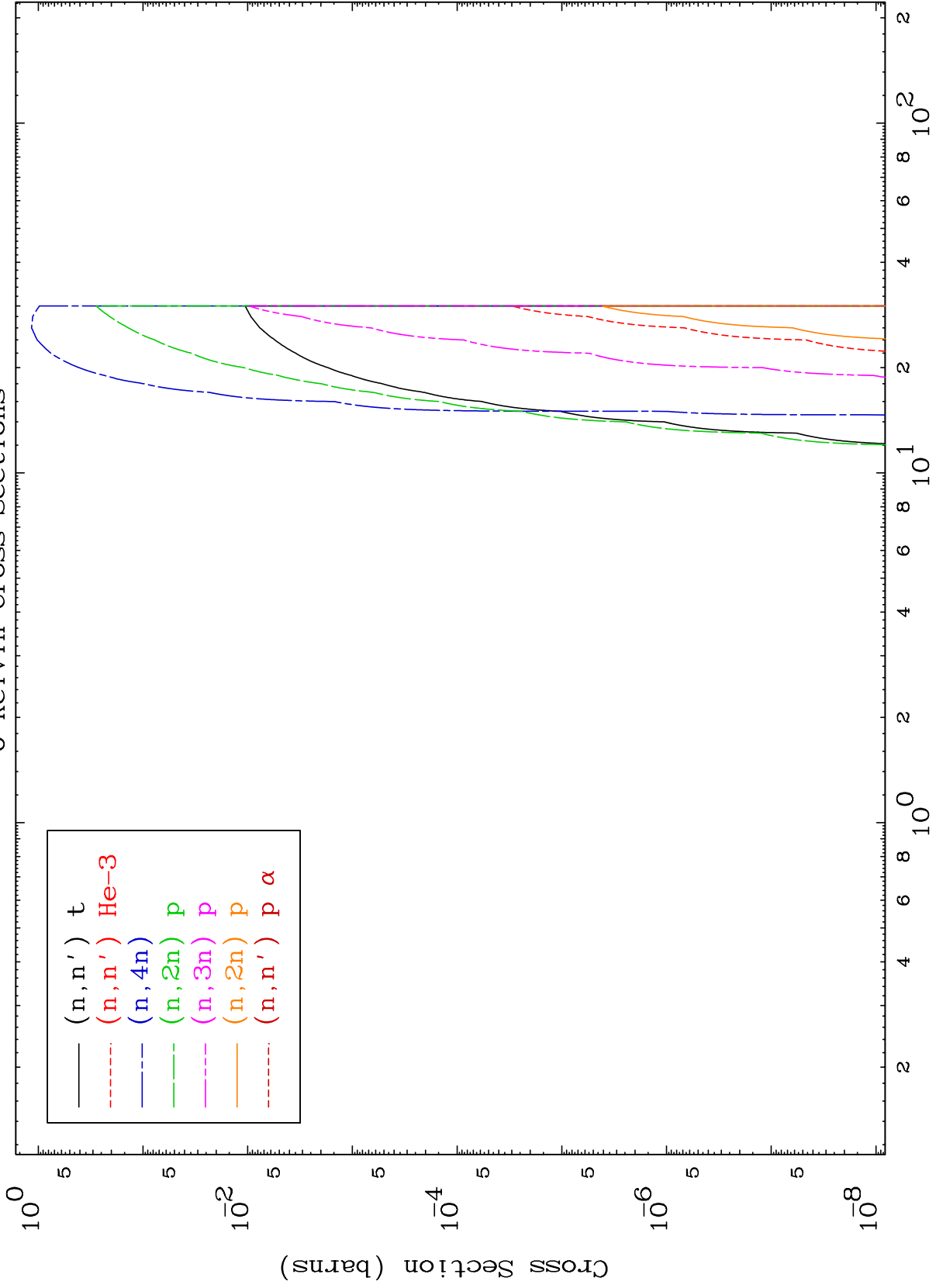
77-Ir-197m

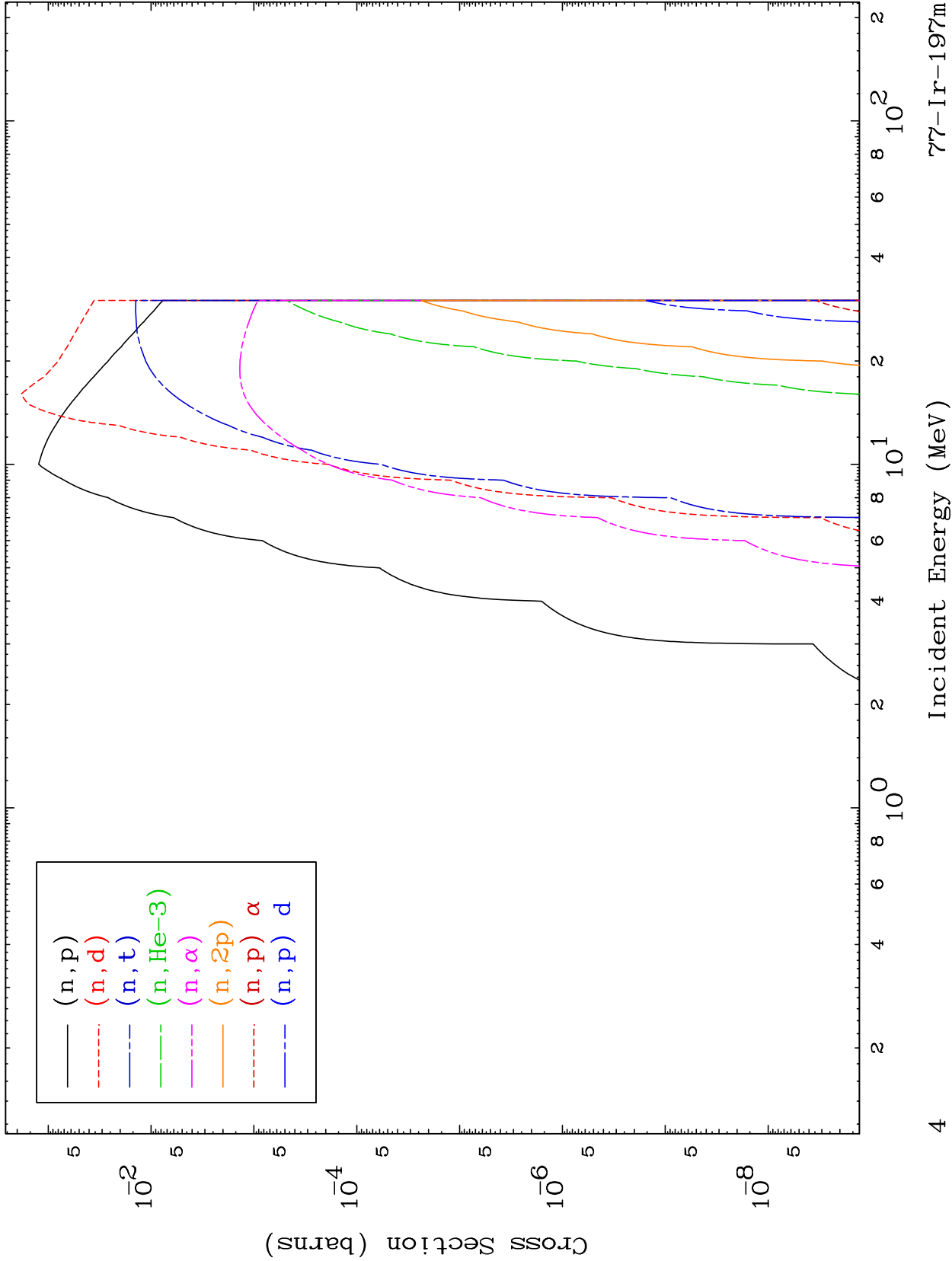
Incident Energy (MeV)

MAT 7744

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-197m

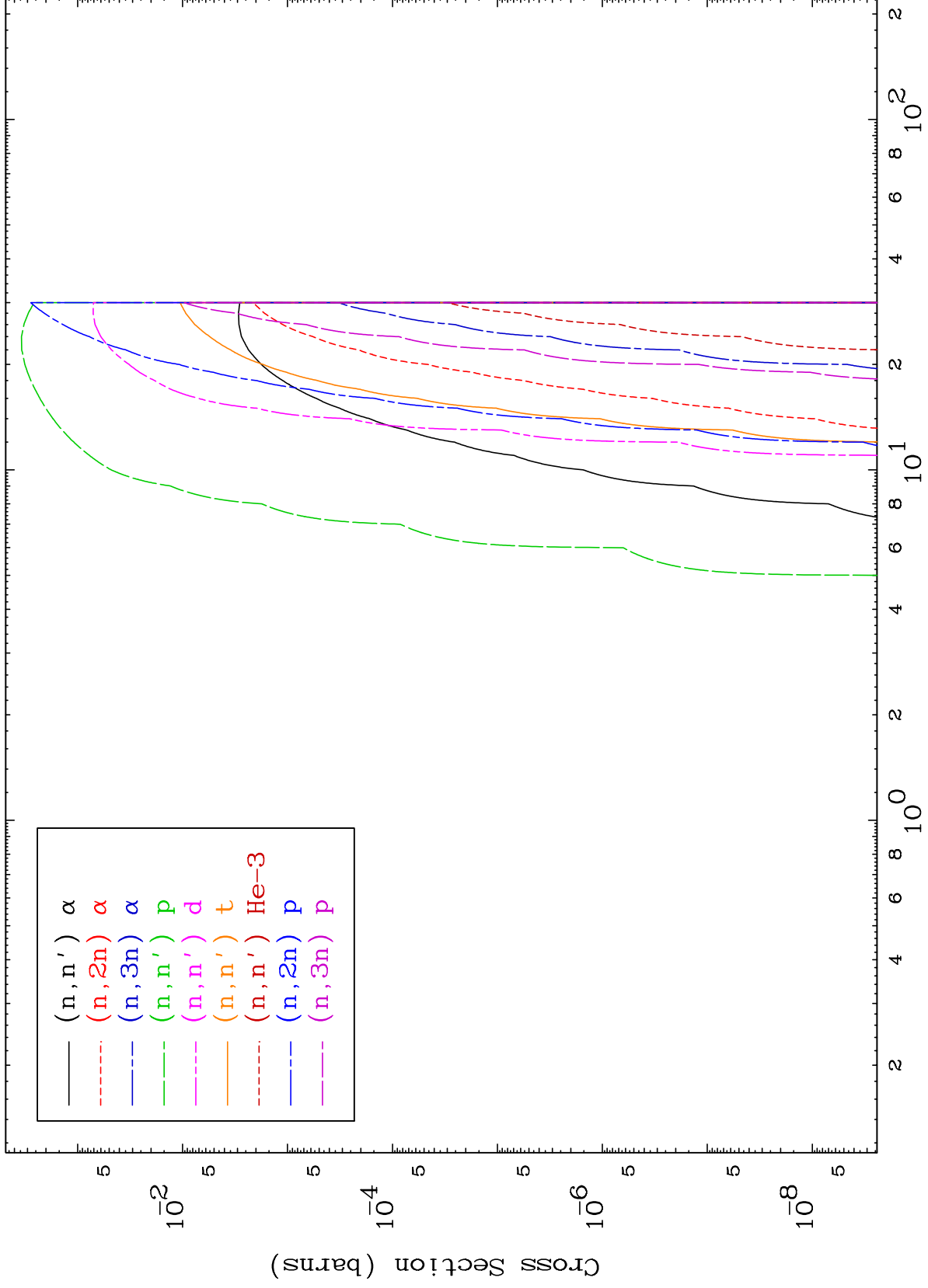




MAT 7744

Deuteron Charged Particle  
0 Kelvin Cross Sections

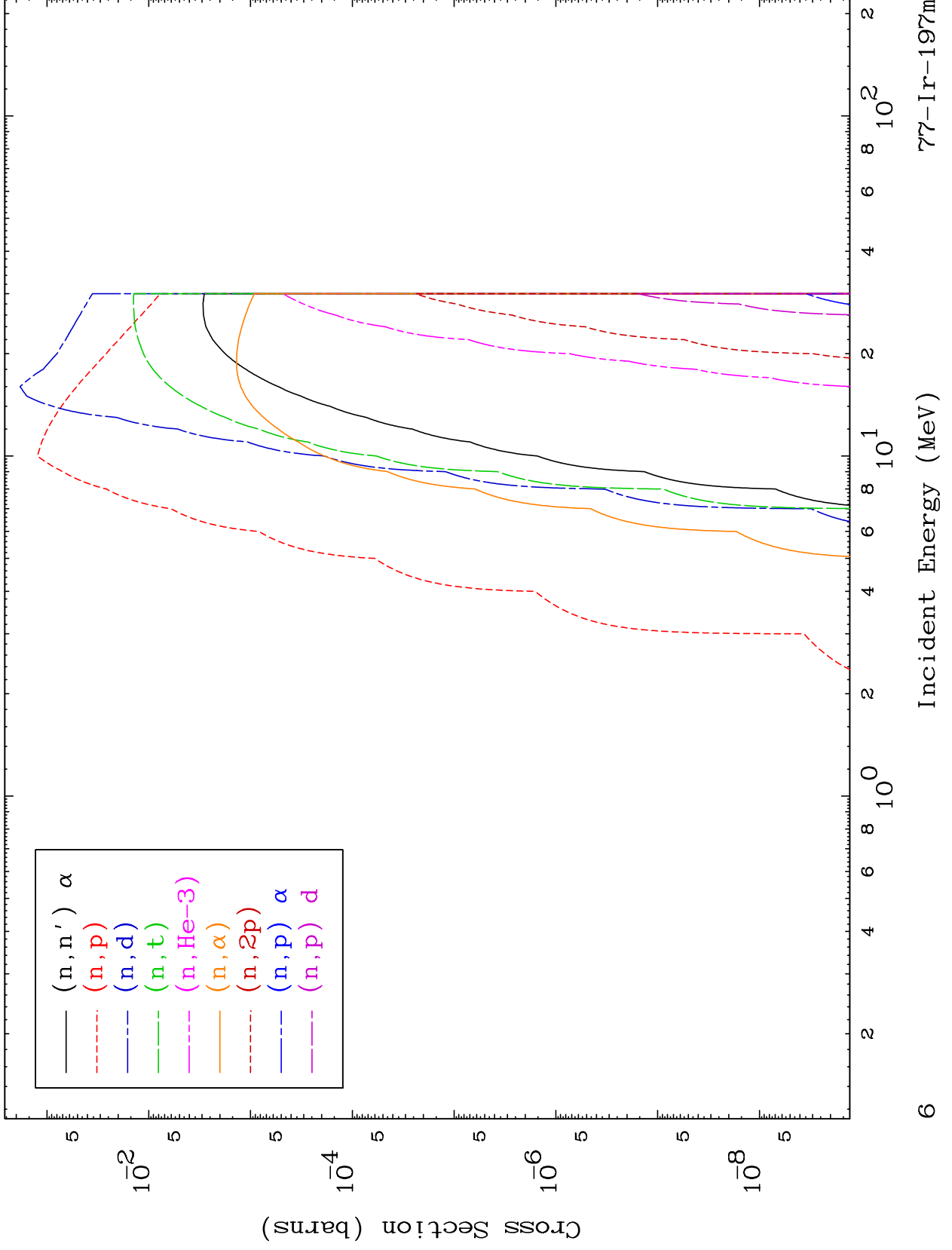
77-Ir-197m



MAT 7744

Deuteron Charged Particle  
0 Kelvin Cross Sections

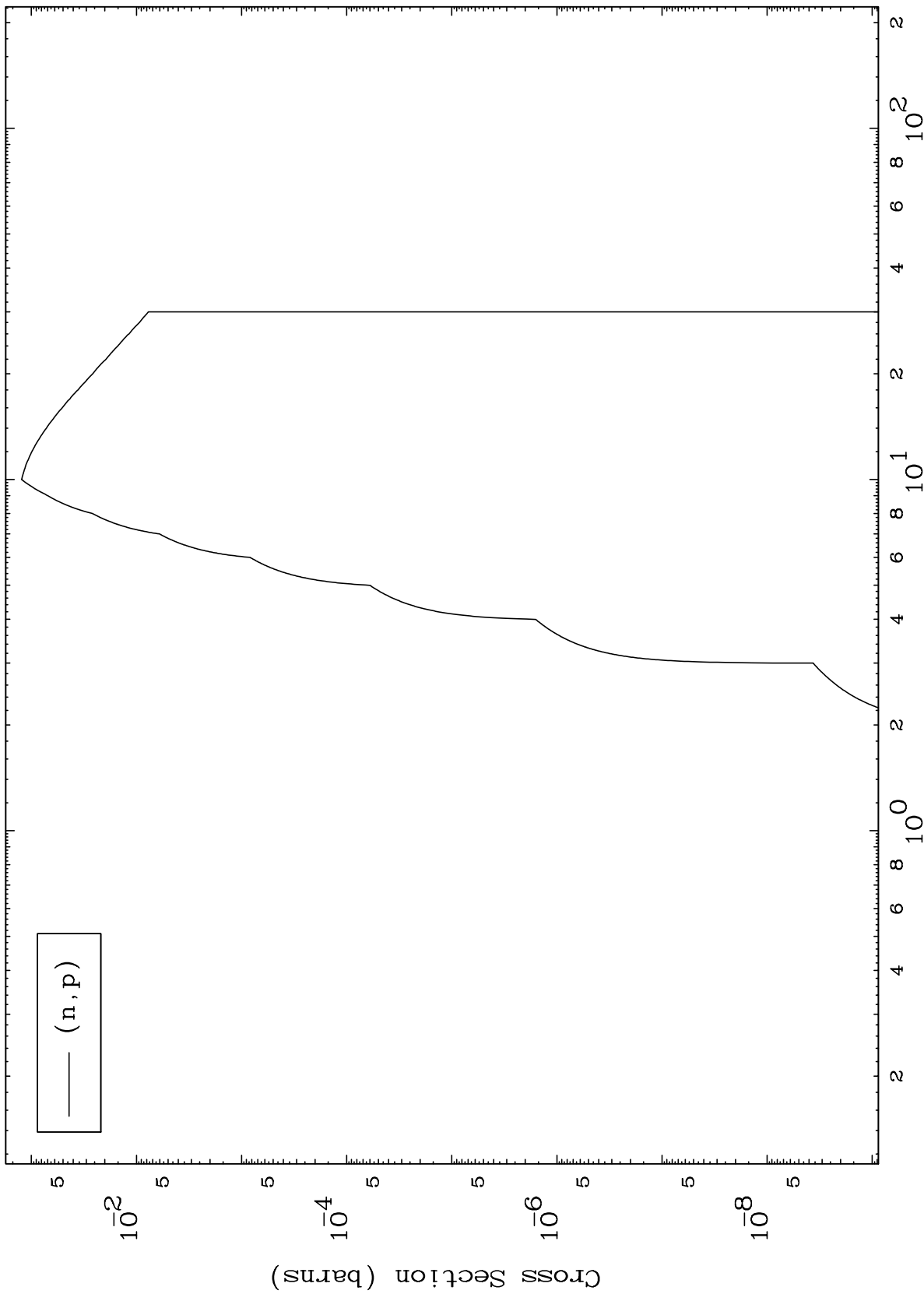
77-Ir-197m



MAT 7744

77-Ir-197m

(d,p) Levels  
0 Kelvin Cross Sections



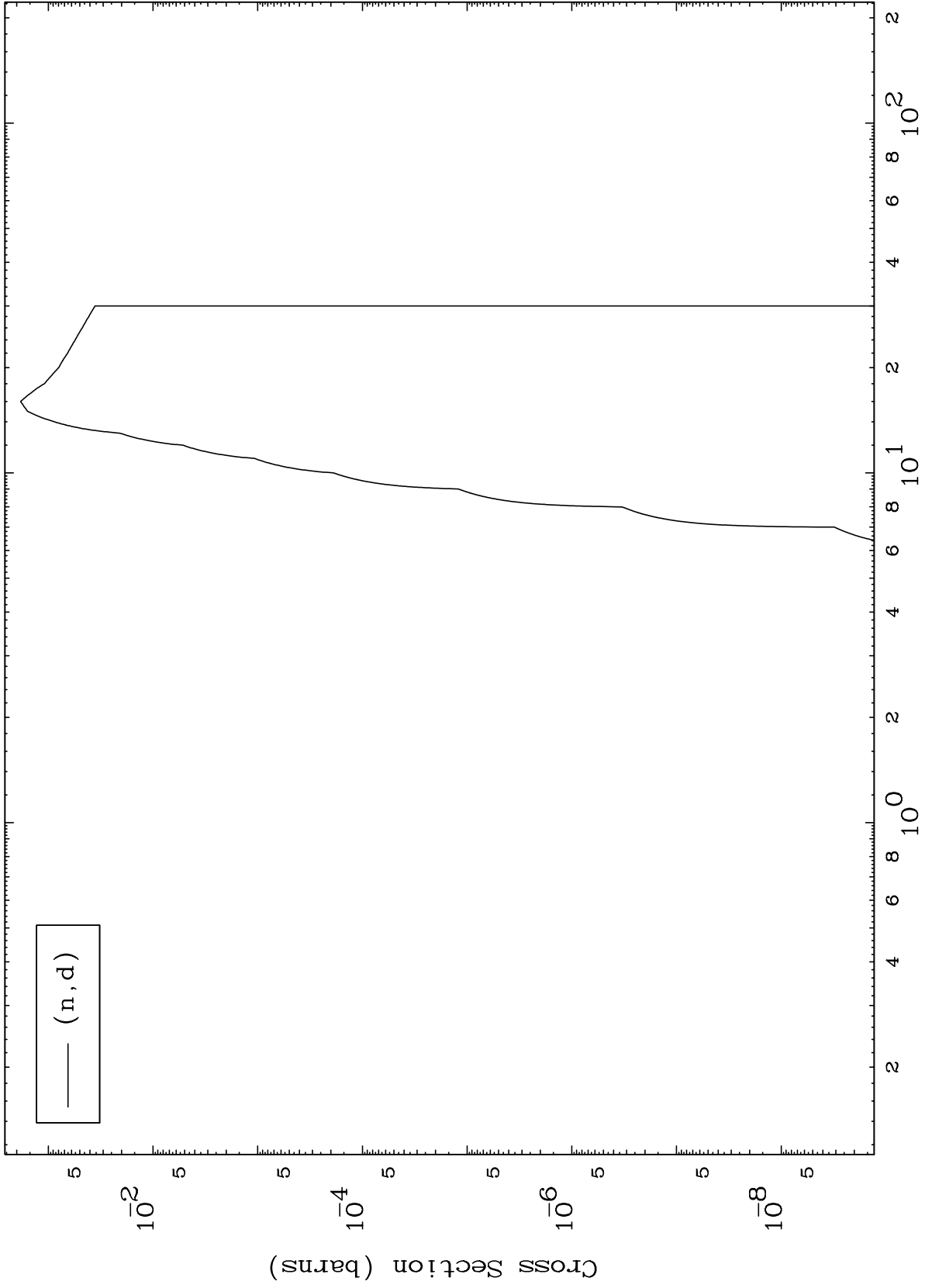


MAT 7744

(d,d) Levels

77-Ir-197m

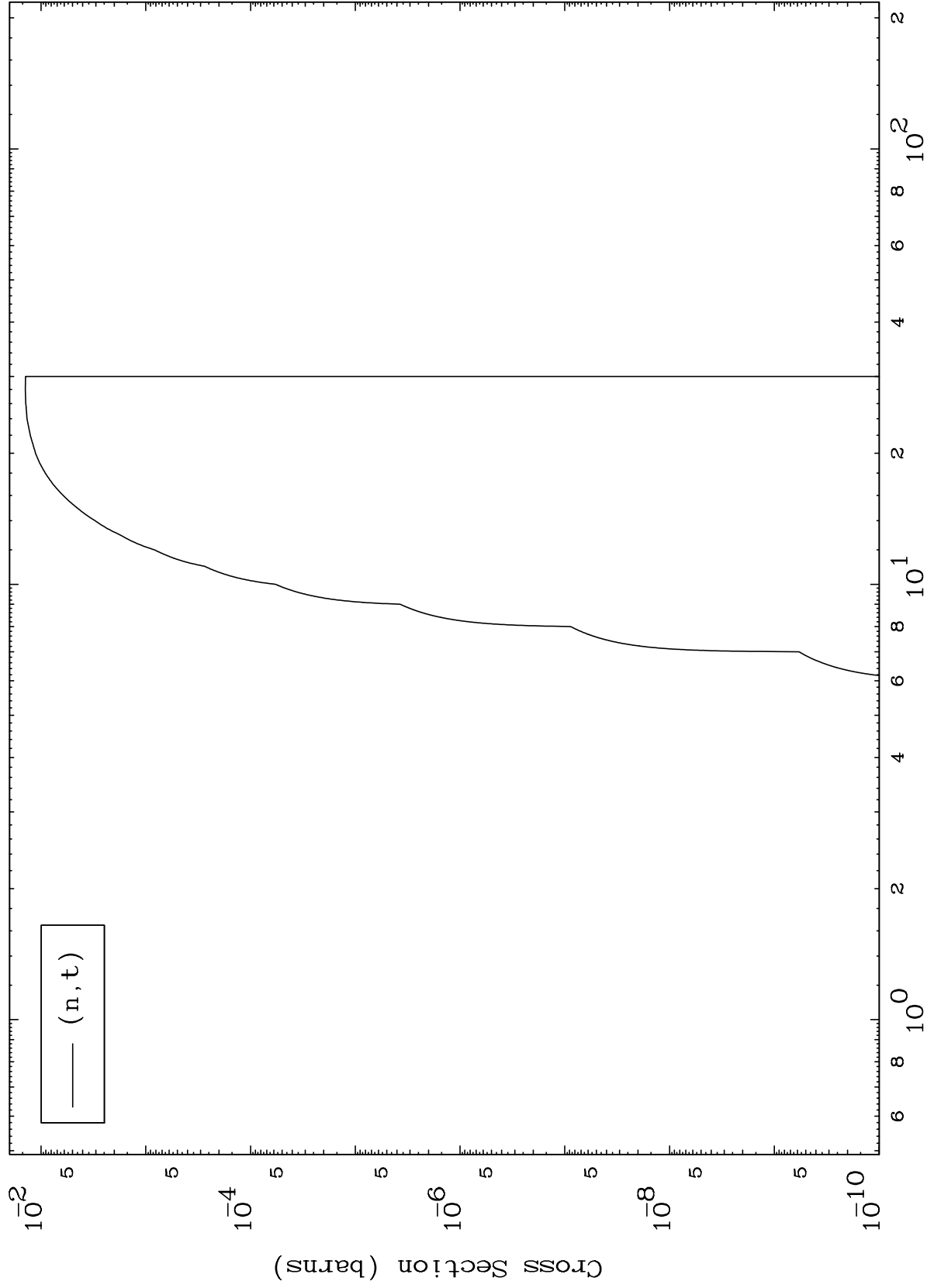
0 Kelvin Cross Sections



MAT 7744

77-Ir-197m

(d,t) Levels  
0 Kelvin Cross Sections



9

Incident Energy (MeV)

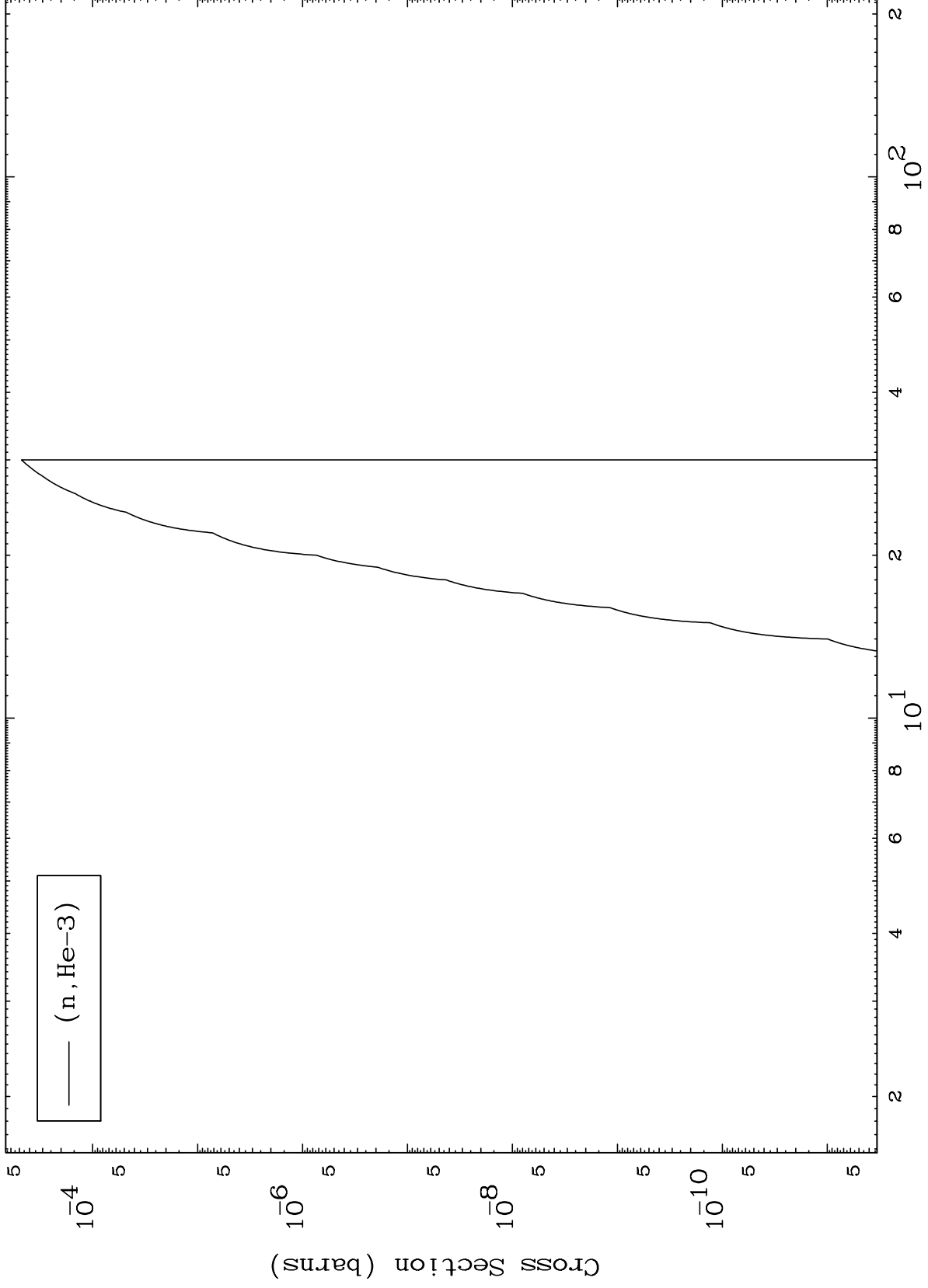
77-Ir-197m

MAT 7744

(d,He3) Levels

77-Ir-197m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

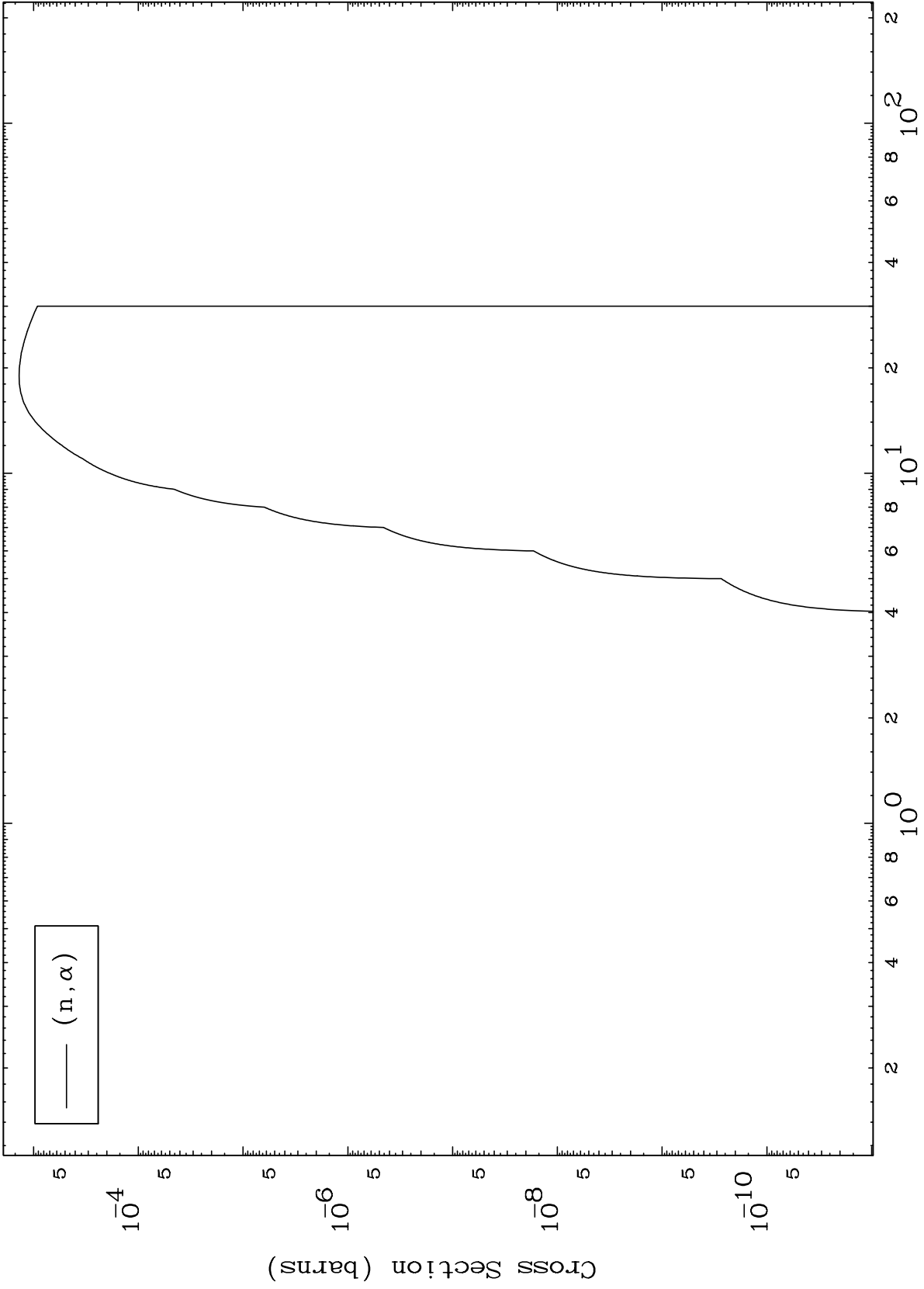
77-Ir-197m

MAT 7744

(d,  $\alpha$ ) Levels

77-Ir-197m

0 Kelvin Cross Sections

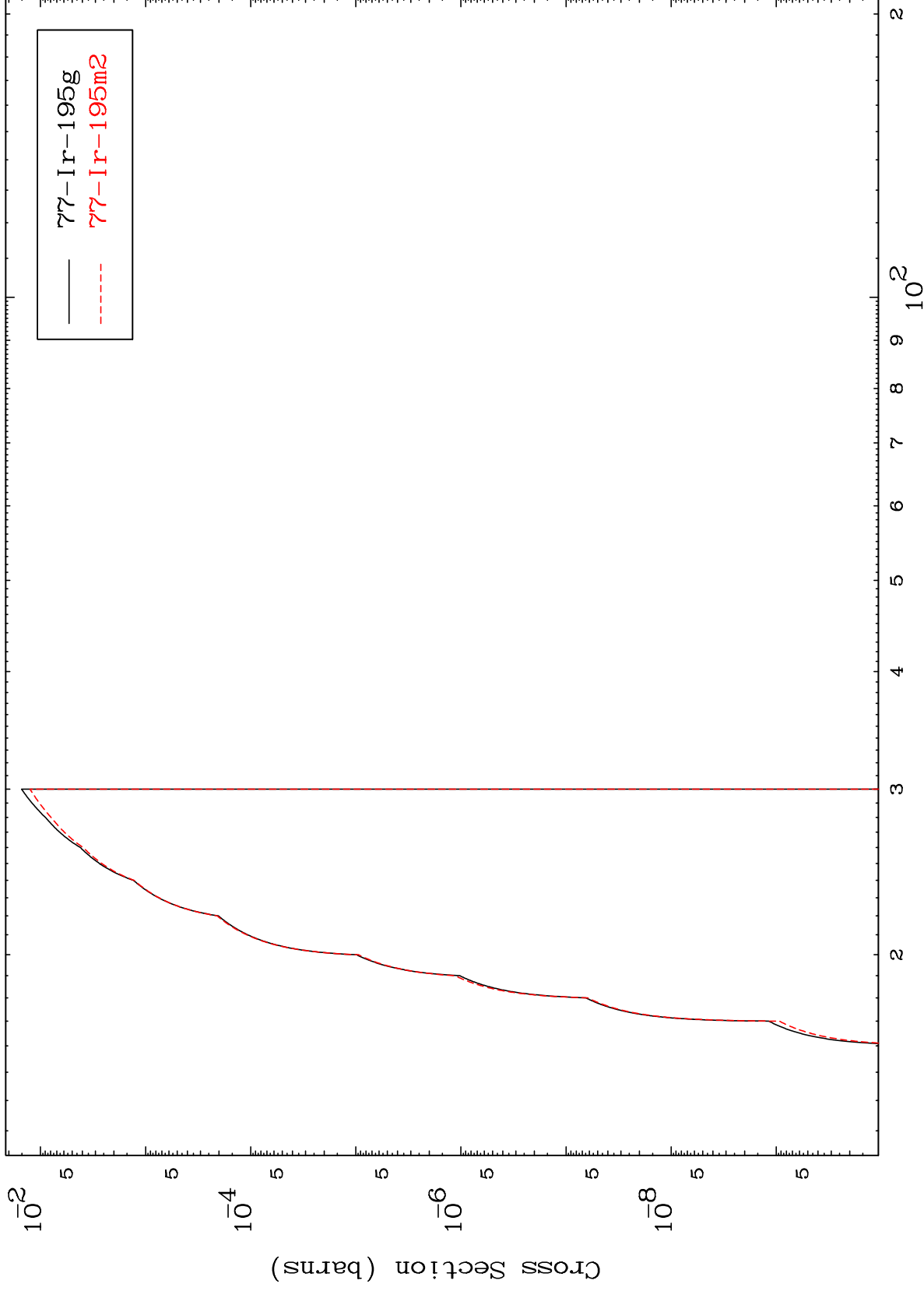


MAT 7744

(n,2n) d

77-Ir-197m

Radionuclide Production Cross Section



12

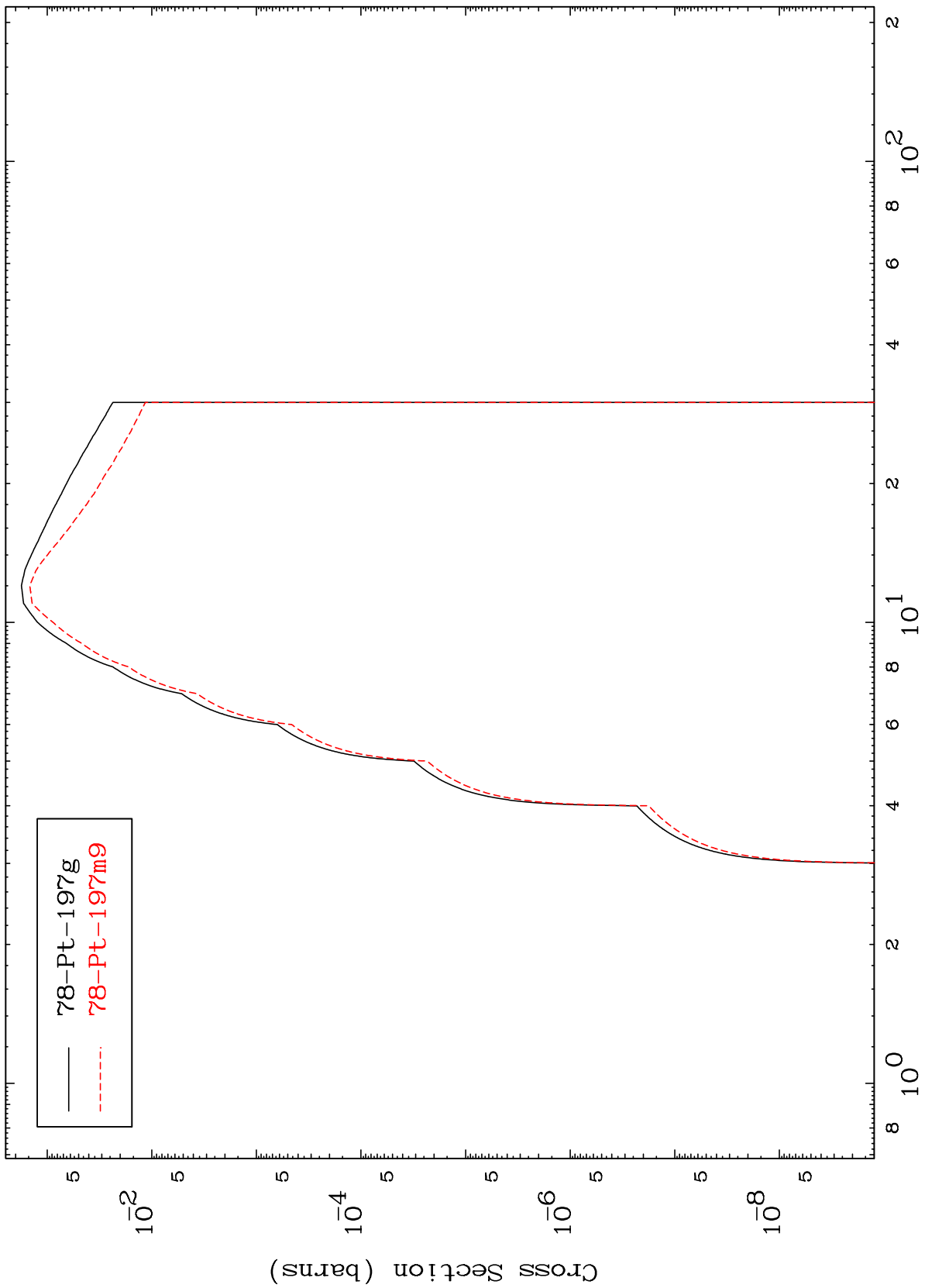
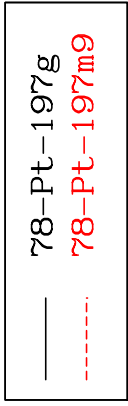
Incident Energy (MeV)

77-Ir-197m

MAT 7744

77-Ir-197m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

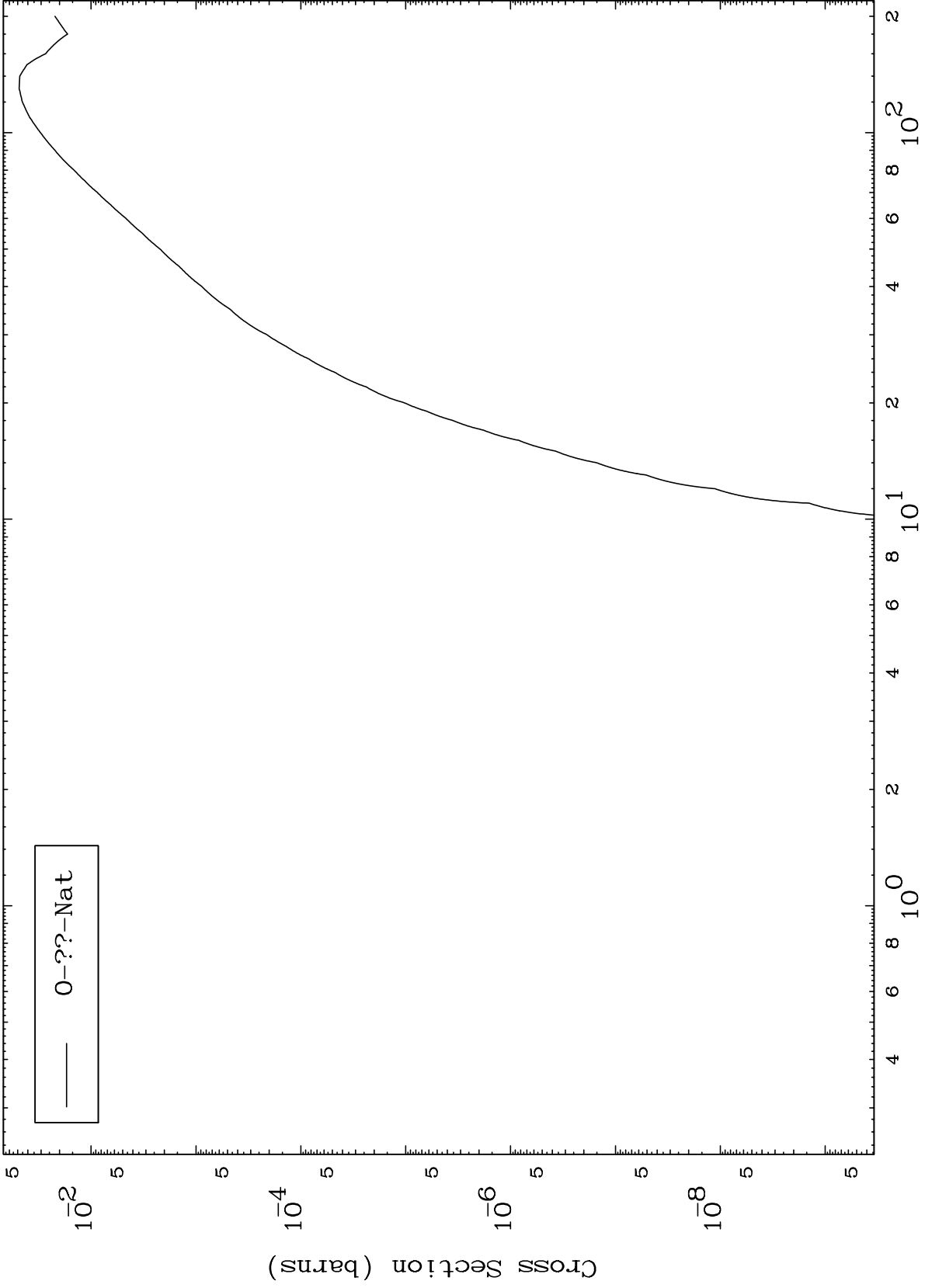
77-Ir-197m

MAT 7744

Fission

77-Ir-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

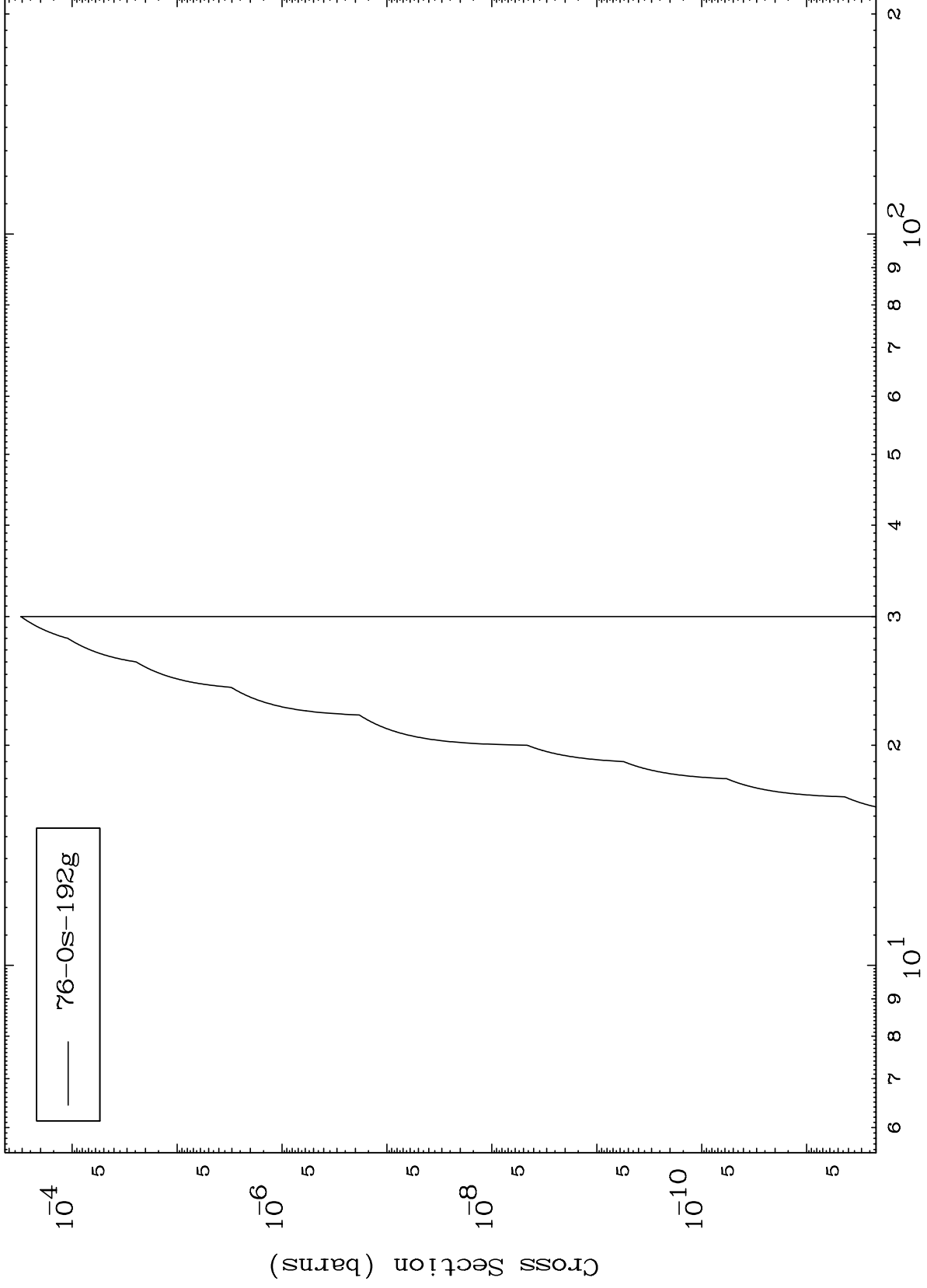
77-Ir-197m

MAT 7744

(n,3n)  $\alpha$

77-Ir-197m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

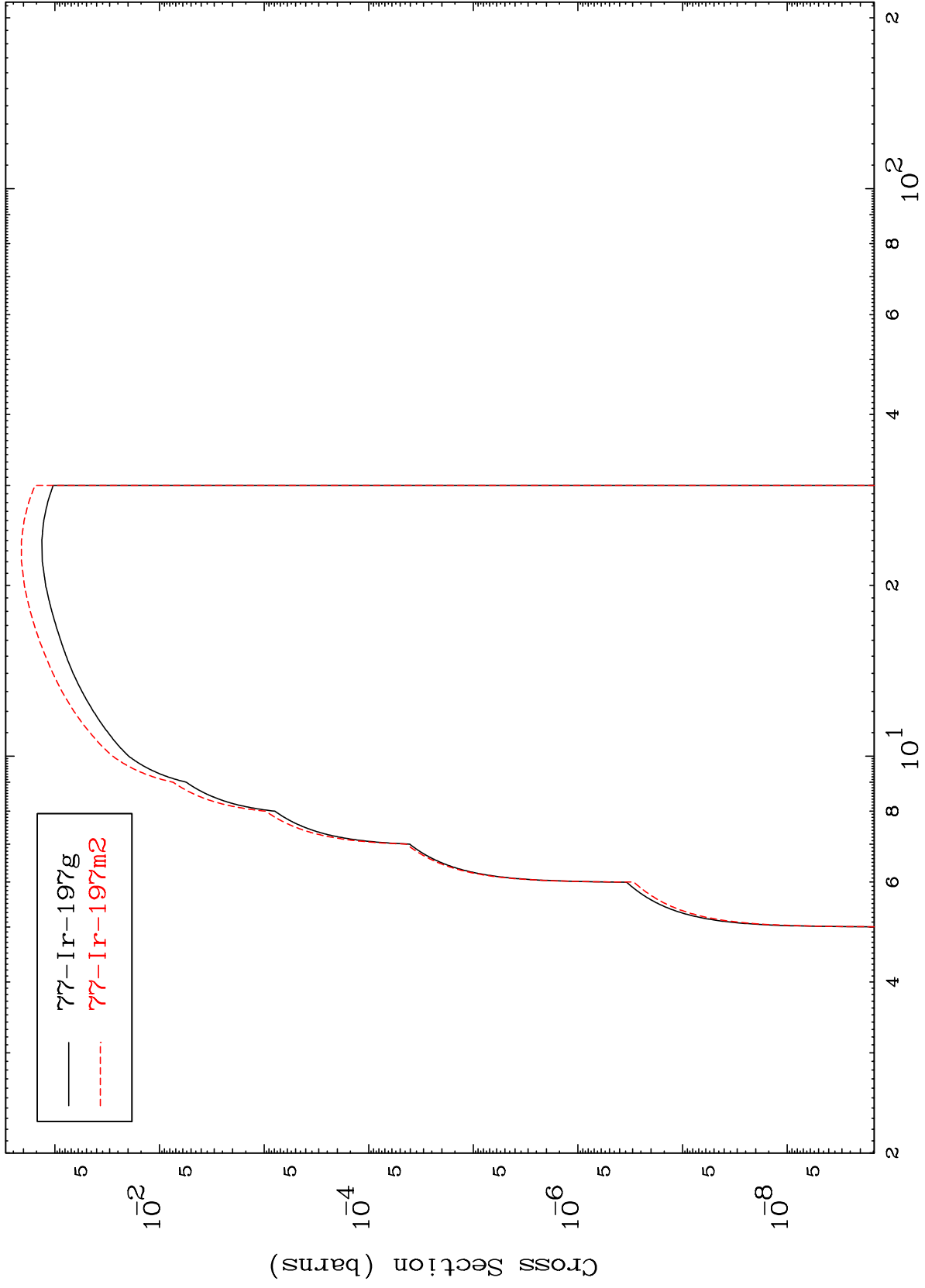
77-Ir-197m



MAT 7744

$^{77}\text{Ir}-197\text{m}$

Radionuclide Production Cross Section

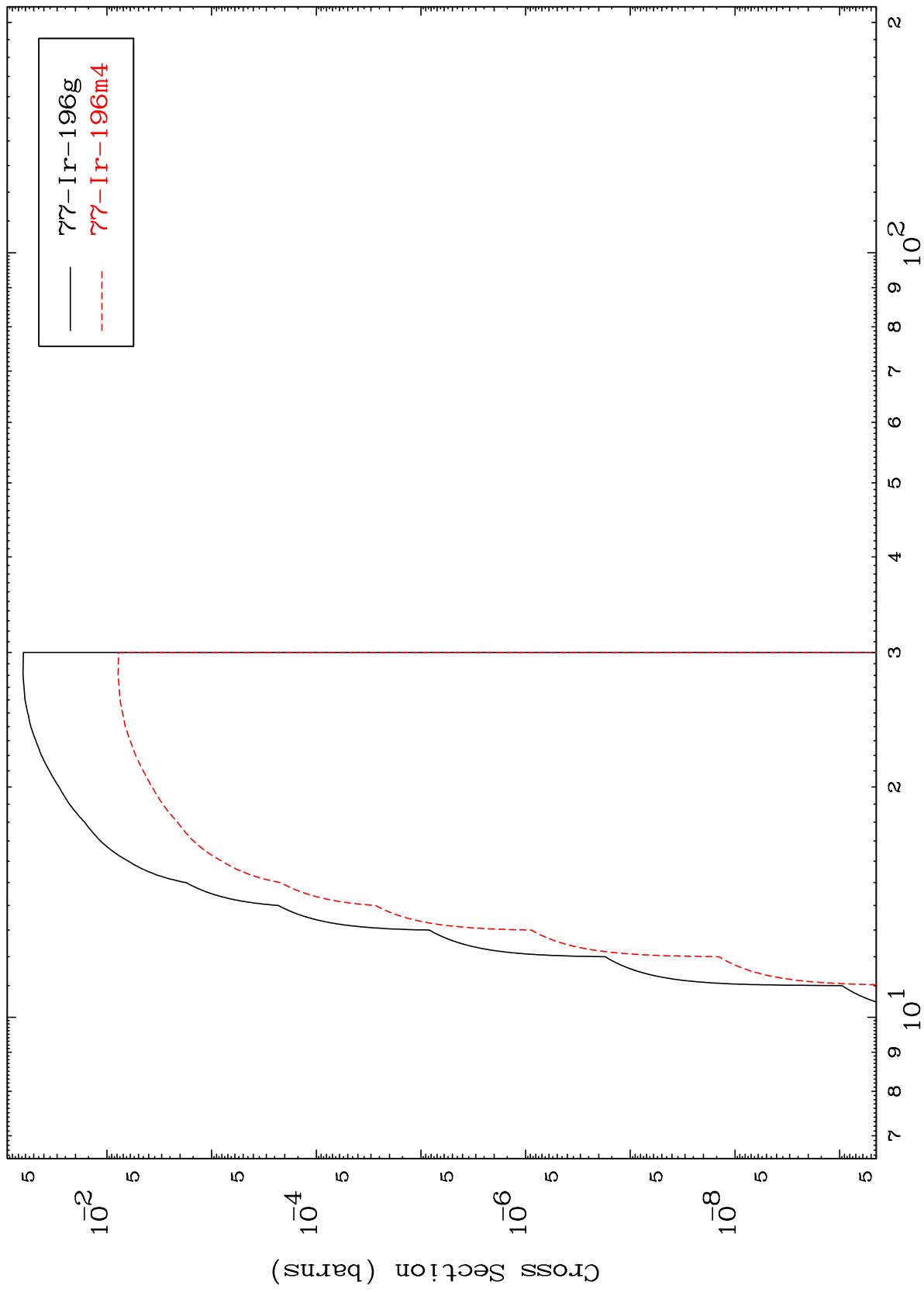


MAT 7744

(n,n') d

77-Ir-197m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

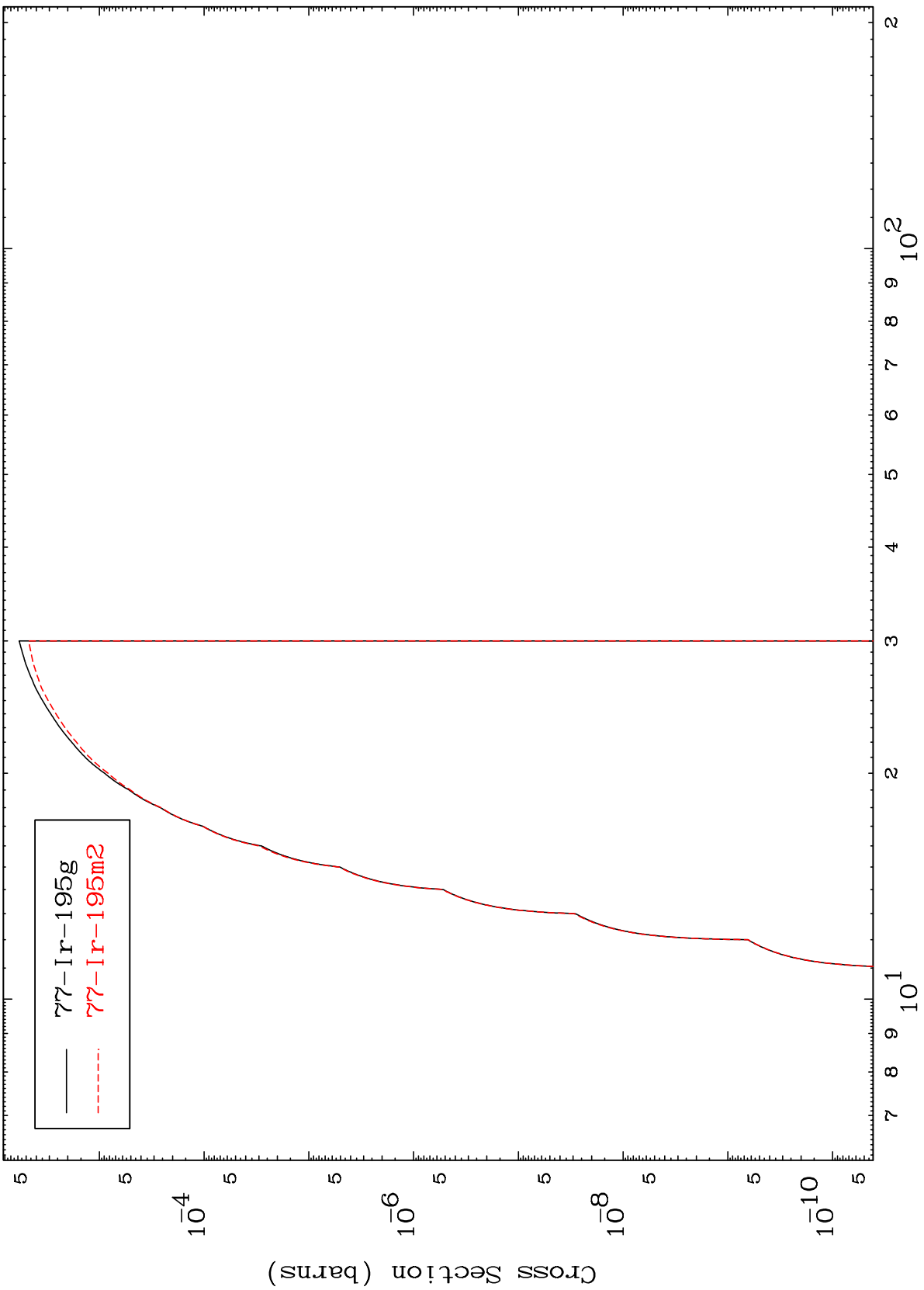
77-Ir-197m

MAT 7744

(n,n') t

77-Ir-197m

Radionuclide Production Cross Section



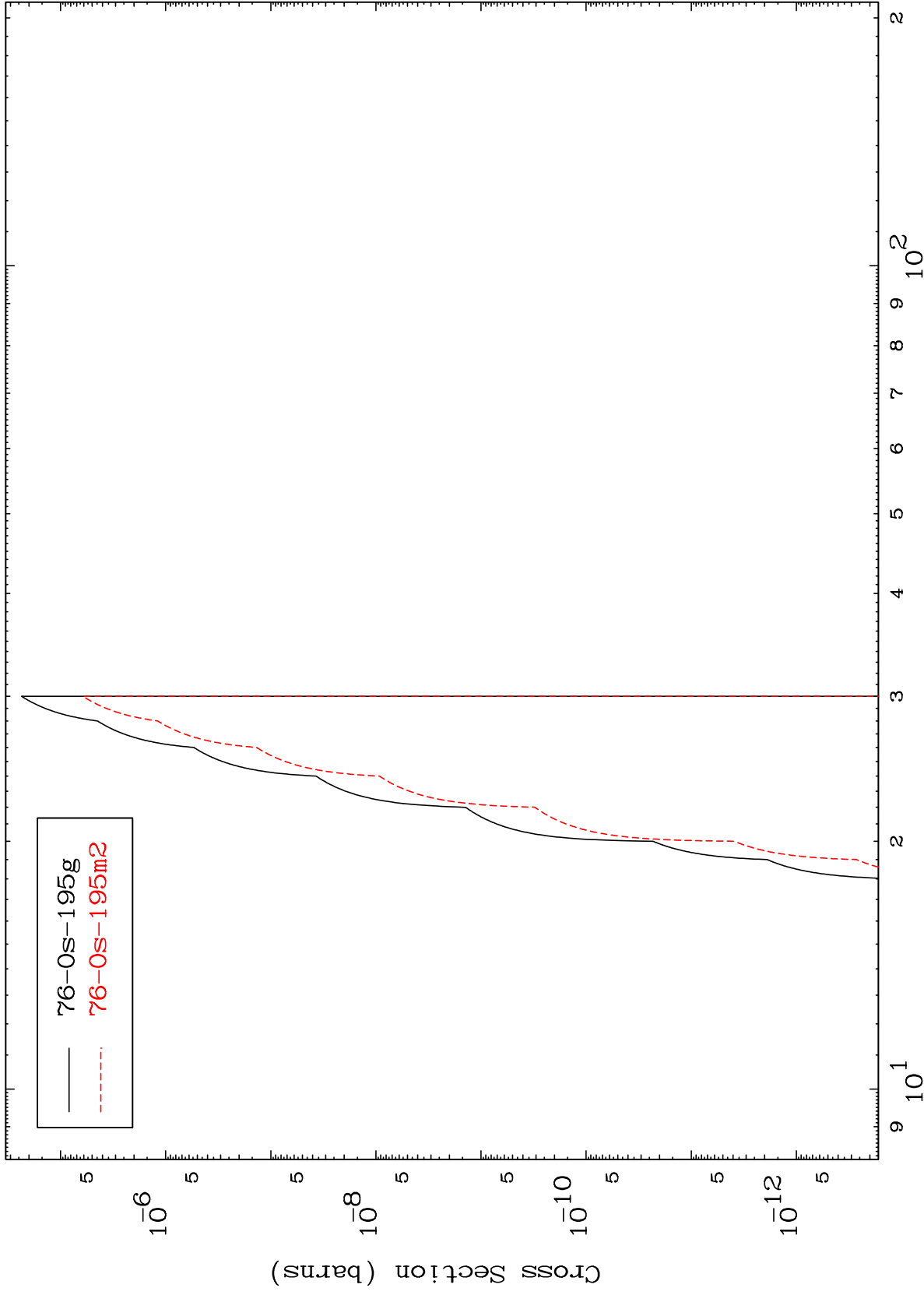
77-Ir-195g  
77-Ir-195m2

MAT 7744

(n,n') He-3

77-Ir-197m

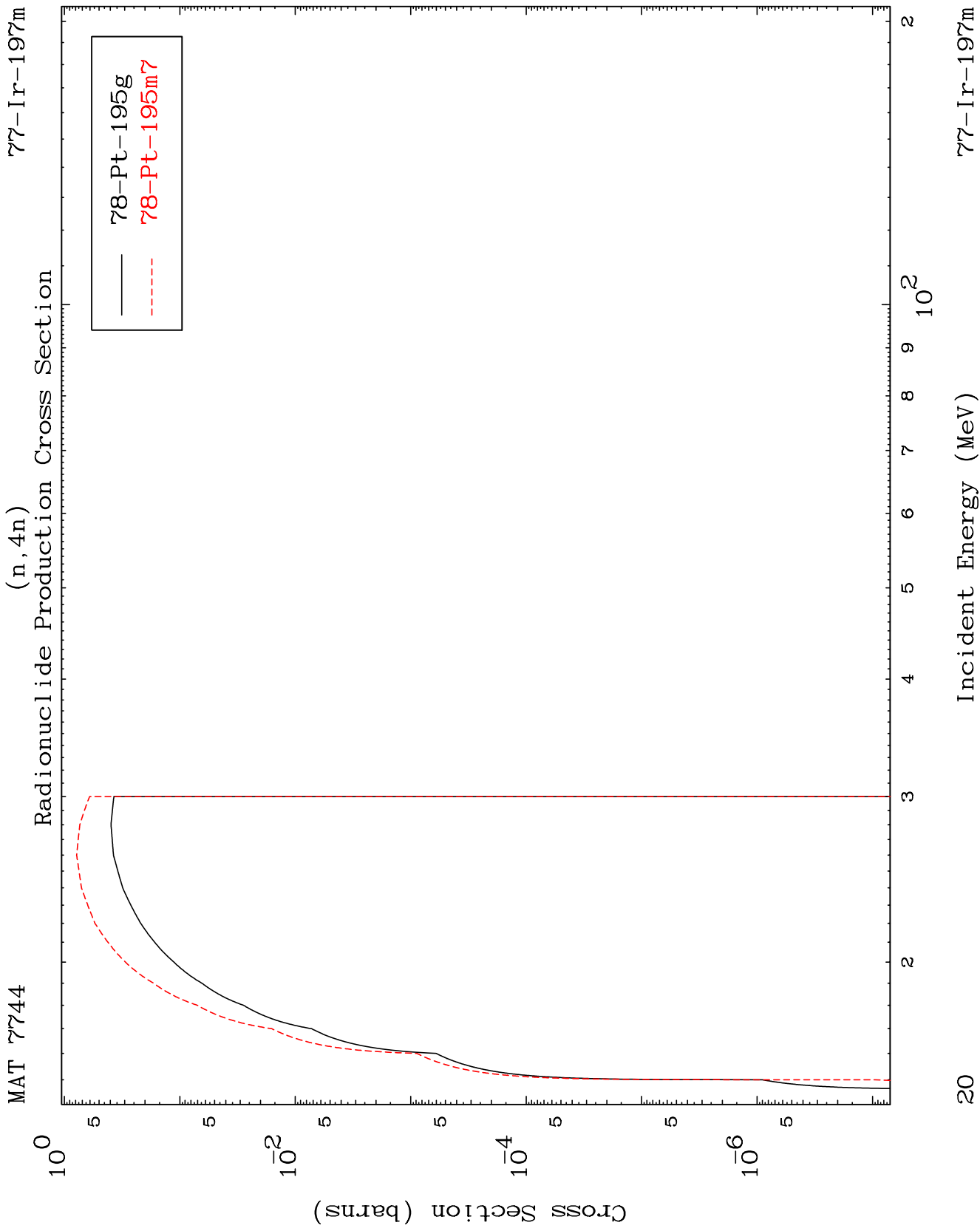
Radionuclide Production Cross Section



19

Incident Energy (MeV)

77-Ir-197m

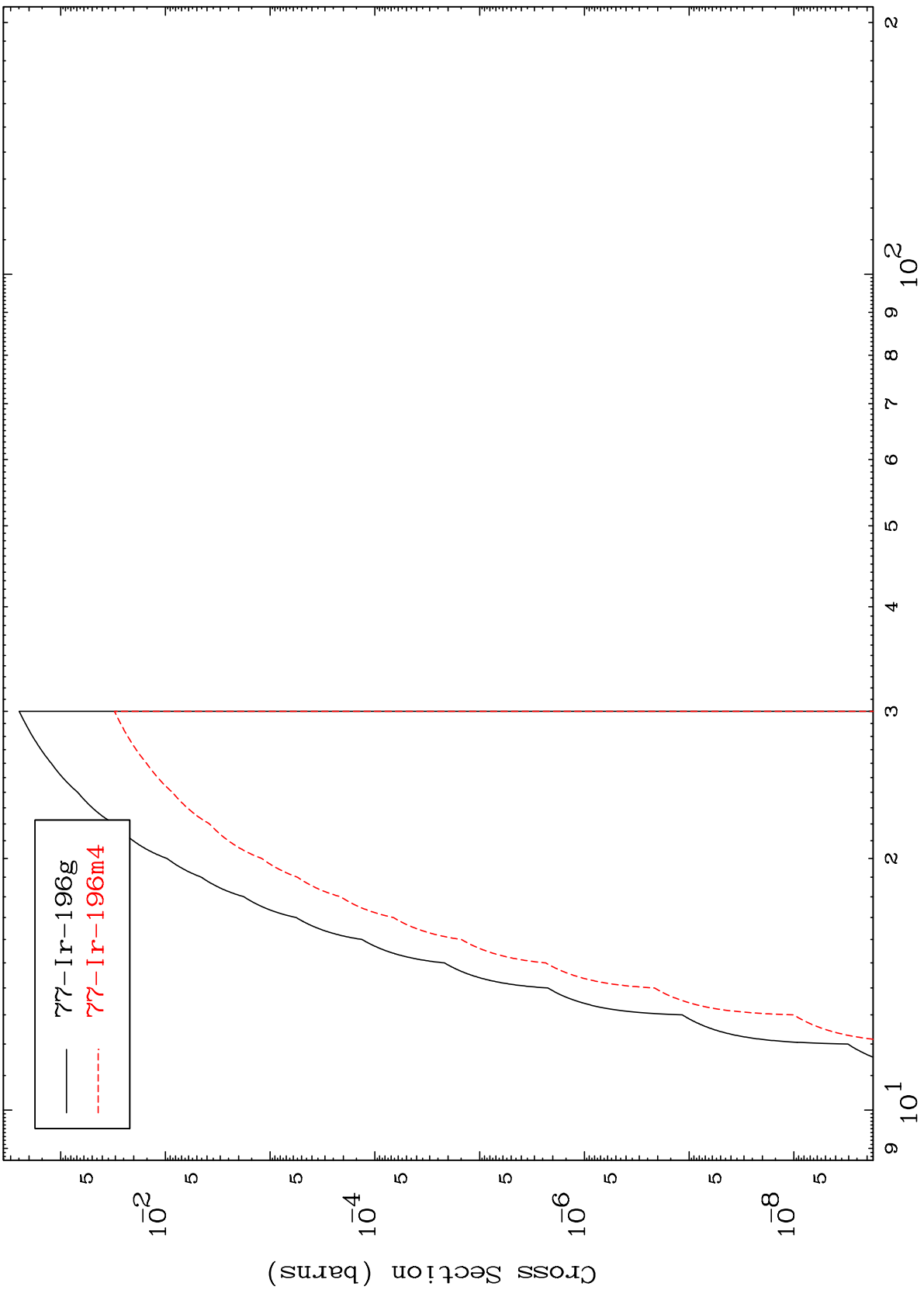


MAT 7744

(n,2n) p

77-Ir-197m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

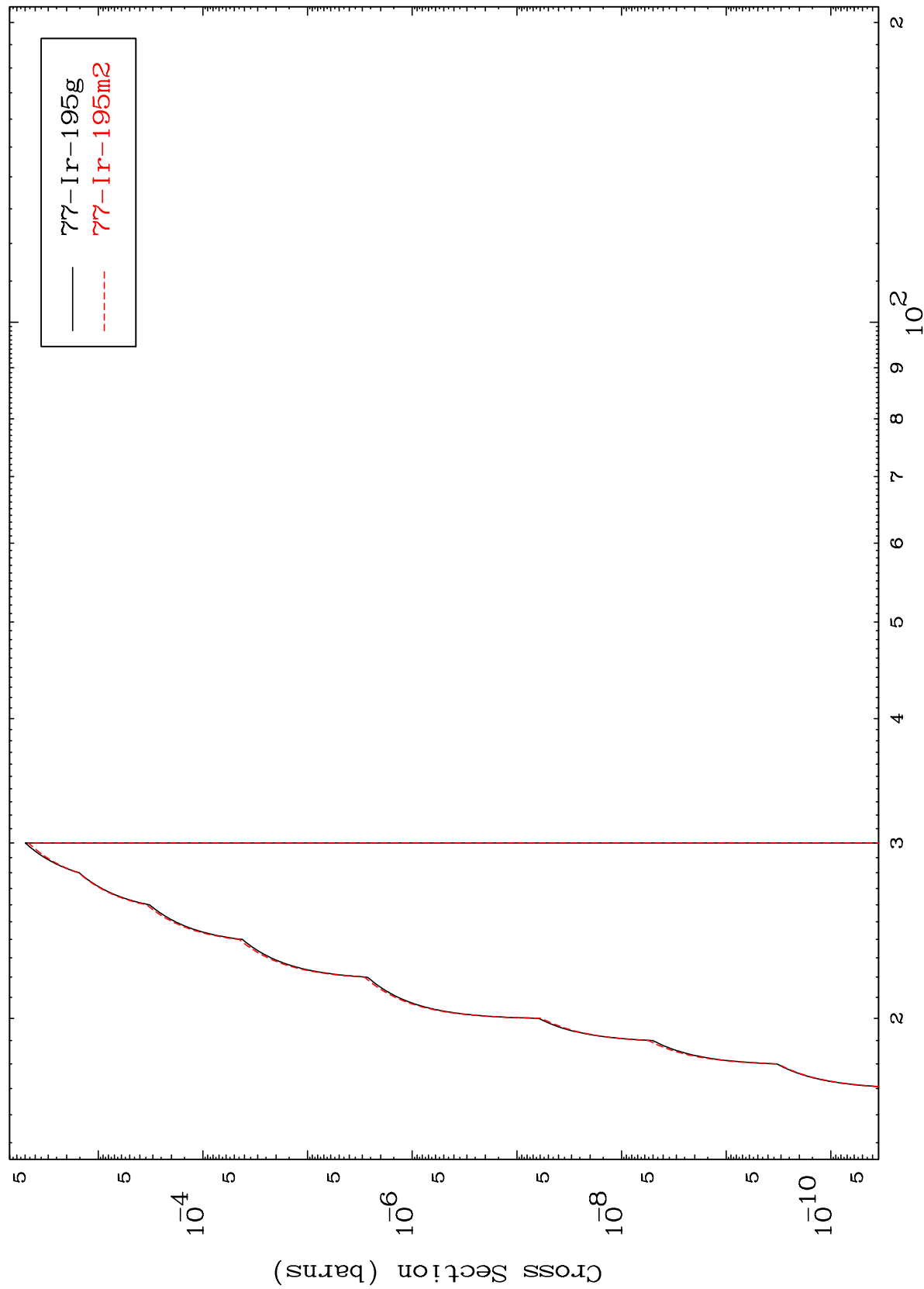
77-Ir-197m

MAT 7744

(n,3n) p

<sup>77</sup>Ir-197m

Radionuclide Production Cross Section



22

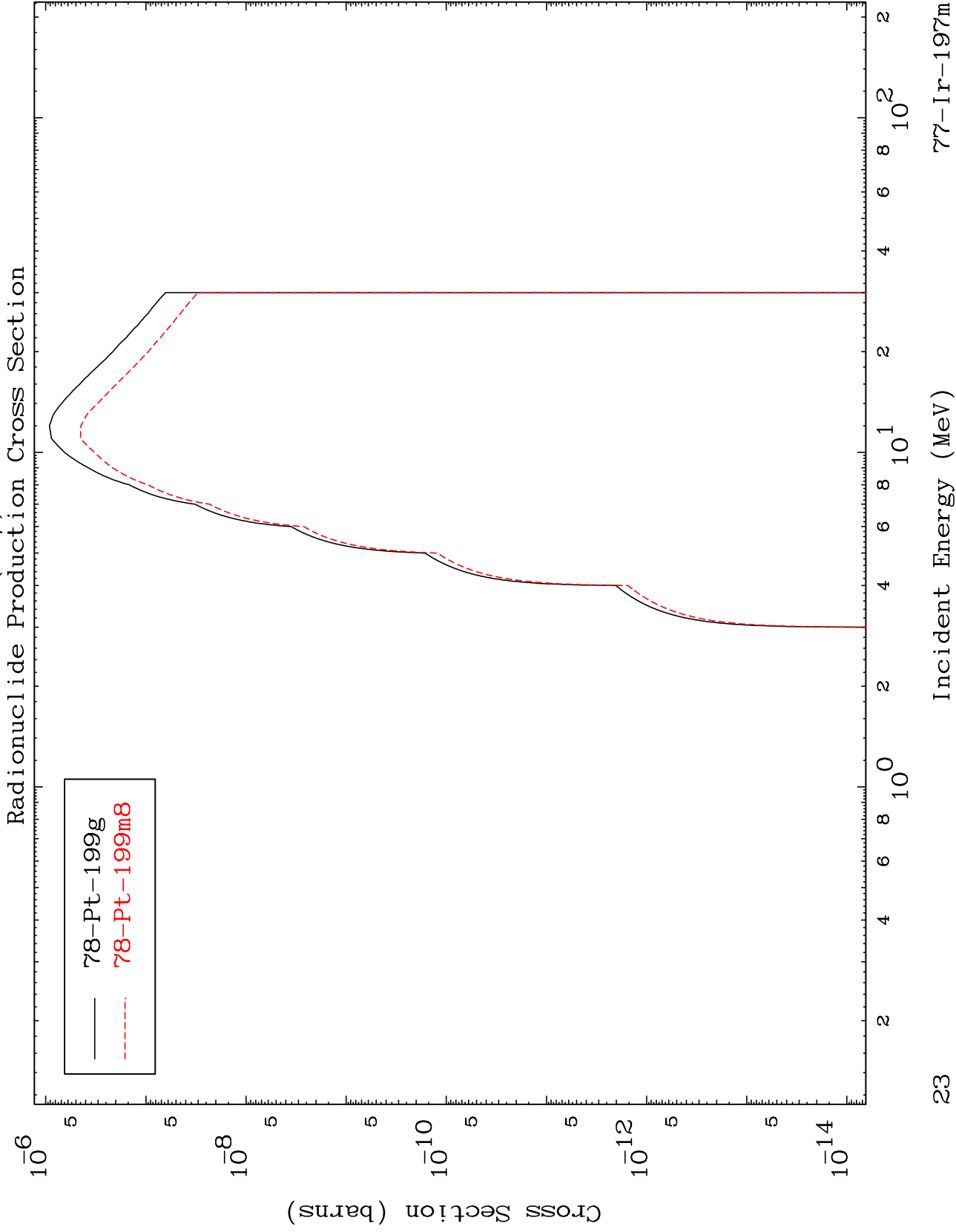
Incident Energy (MeV)

<sup>77</sup>Ir-197m

MAT 7744

(n,  $\gamma$ )

77-Ir-197m



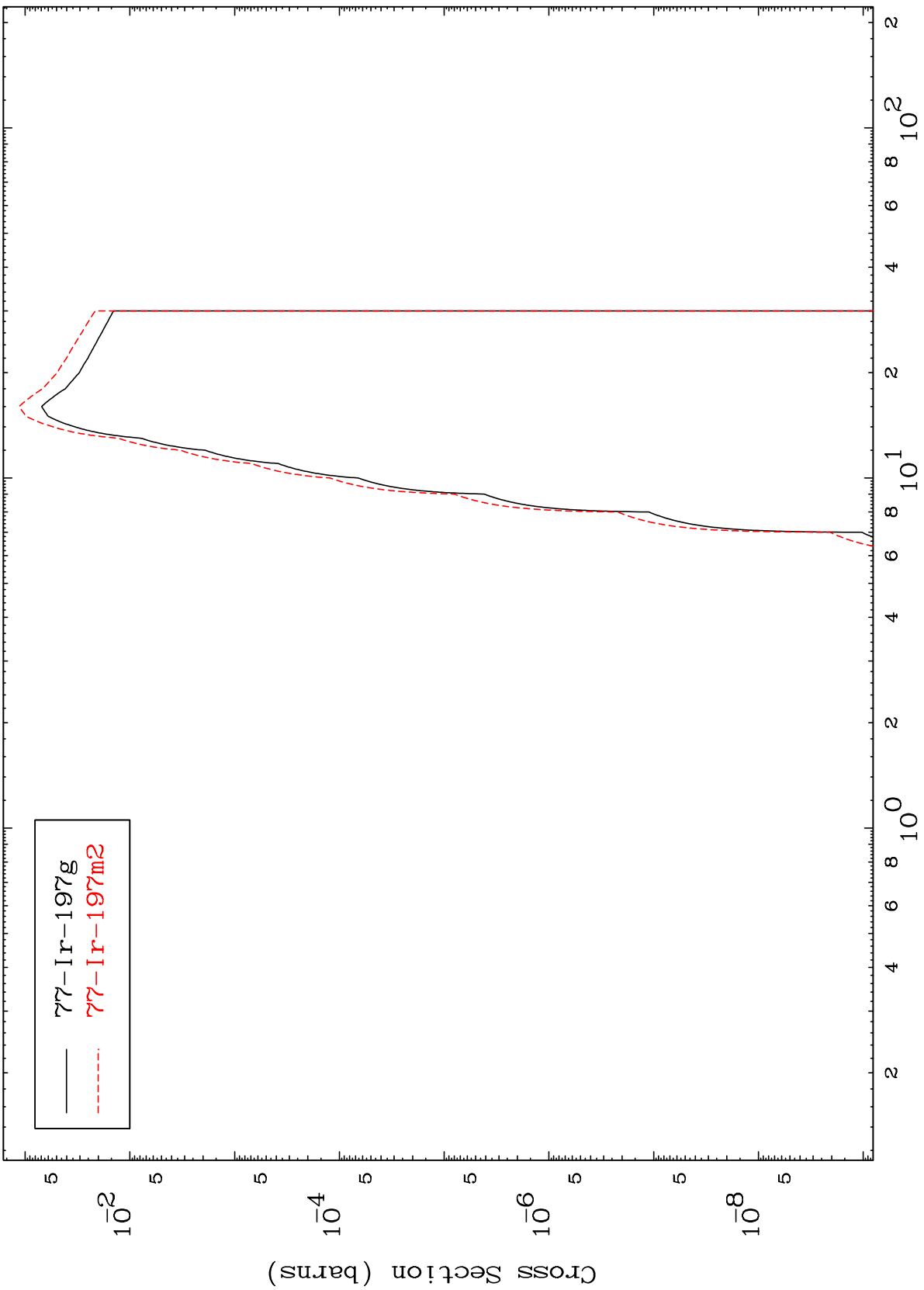


MAT 7744

(n, d)

<sup>77</sup>Ir-197m

Radionuclide Production Cross Section

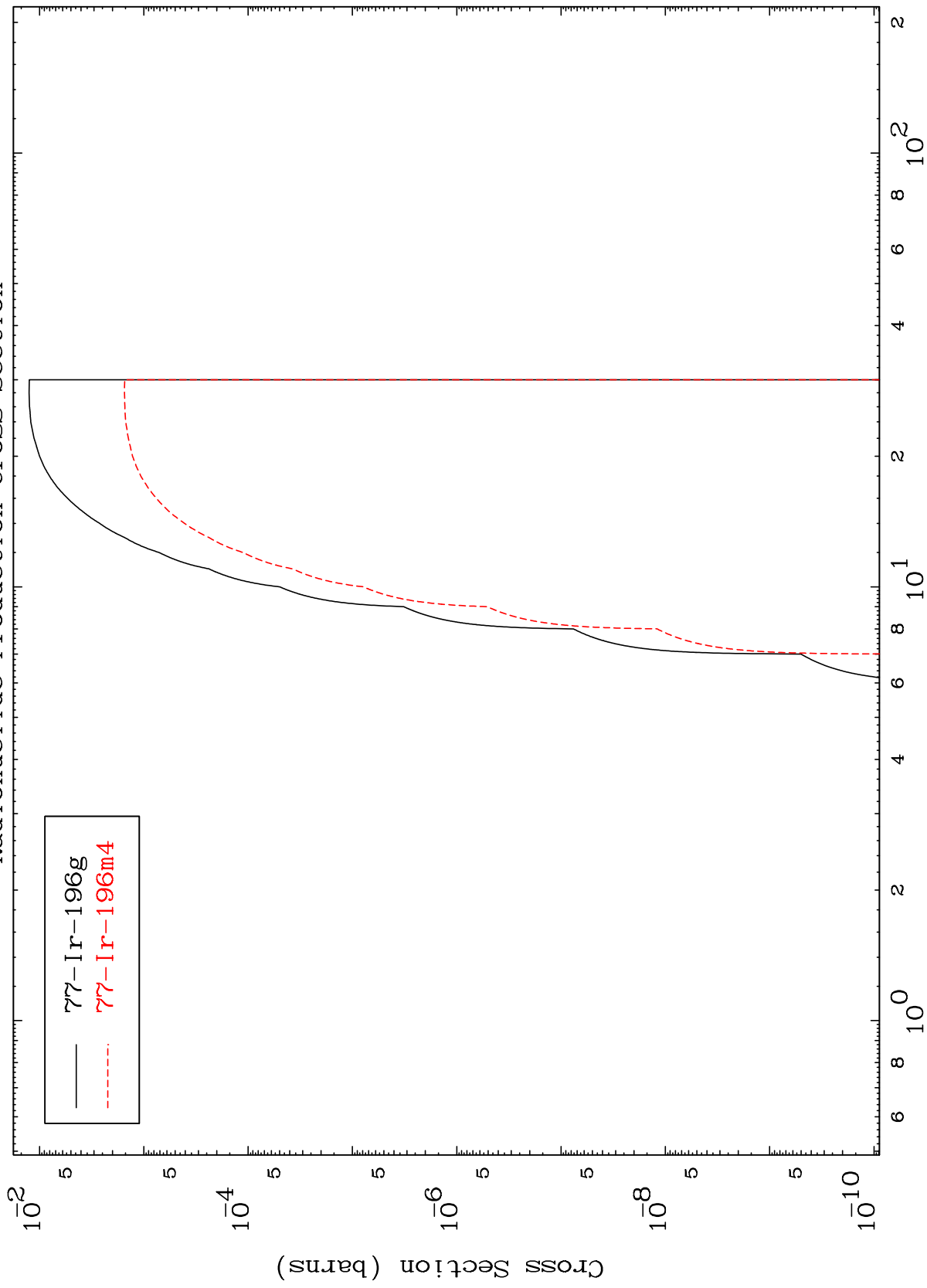


MAT 7744

(n, t)

<sup>77</sup>Ir-197m

Radionuclide Production Cross Section



25

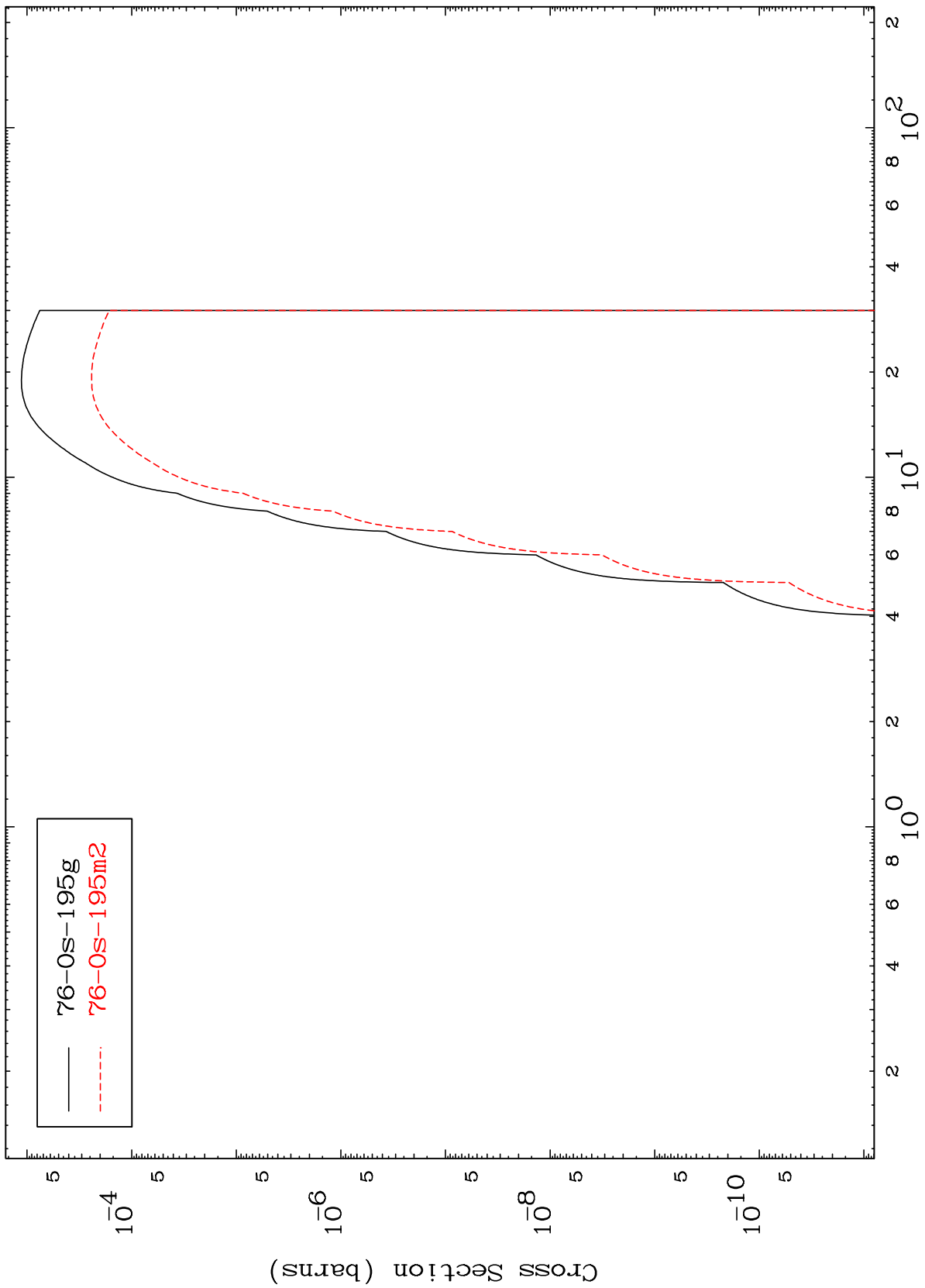
Incident Energy (MeV)

<sup>77</sup>Ir-197m

MAT 7744

77-Ir-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n,p)  $\alpha$

77-Ir-197m

Radionuclide Production Cross Section

