

Program EVALPLOT  
(Version 2018-1)

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)

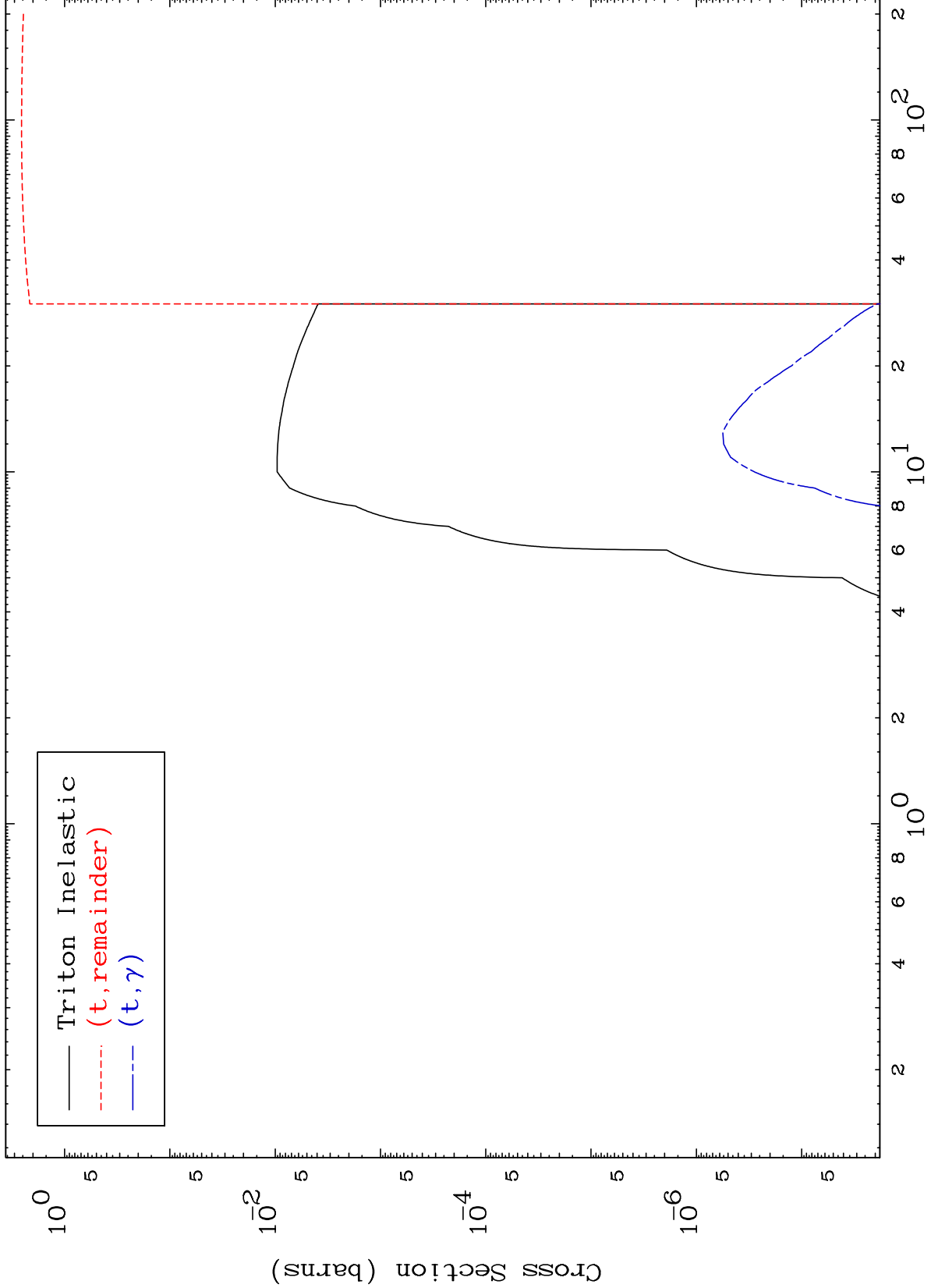
Press Mouse Button to Start

MAT 7738

Triton Major

77-Ir-195

0 Kelvin Cross Sections

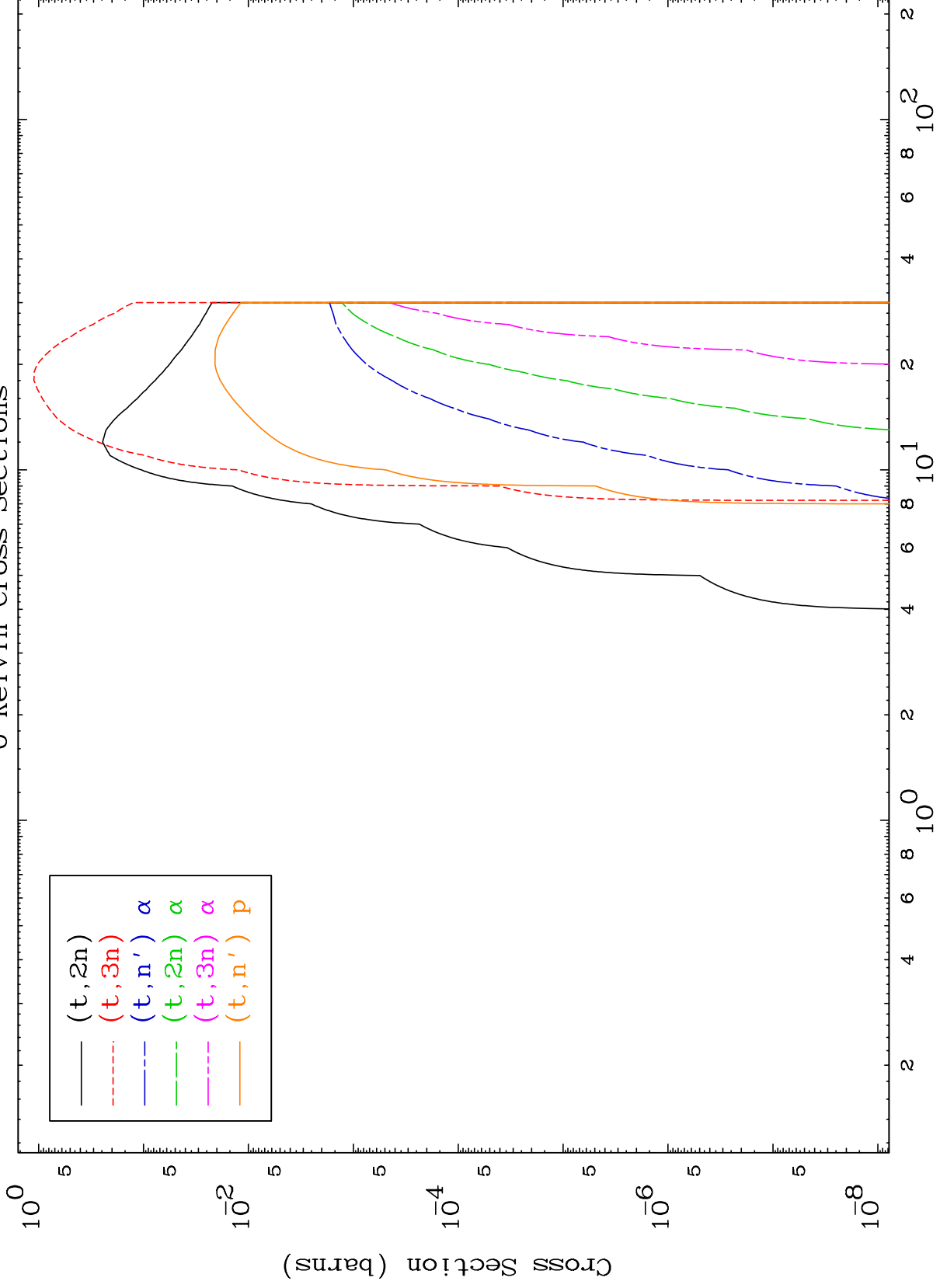


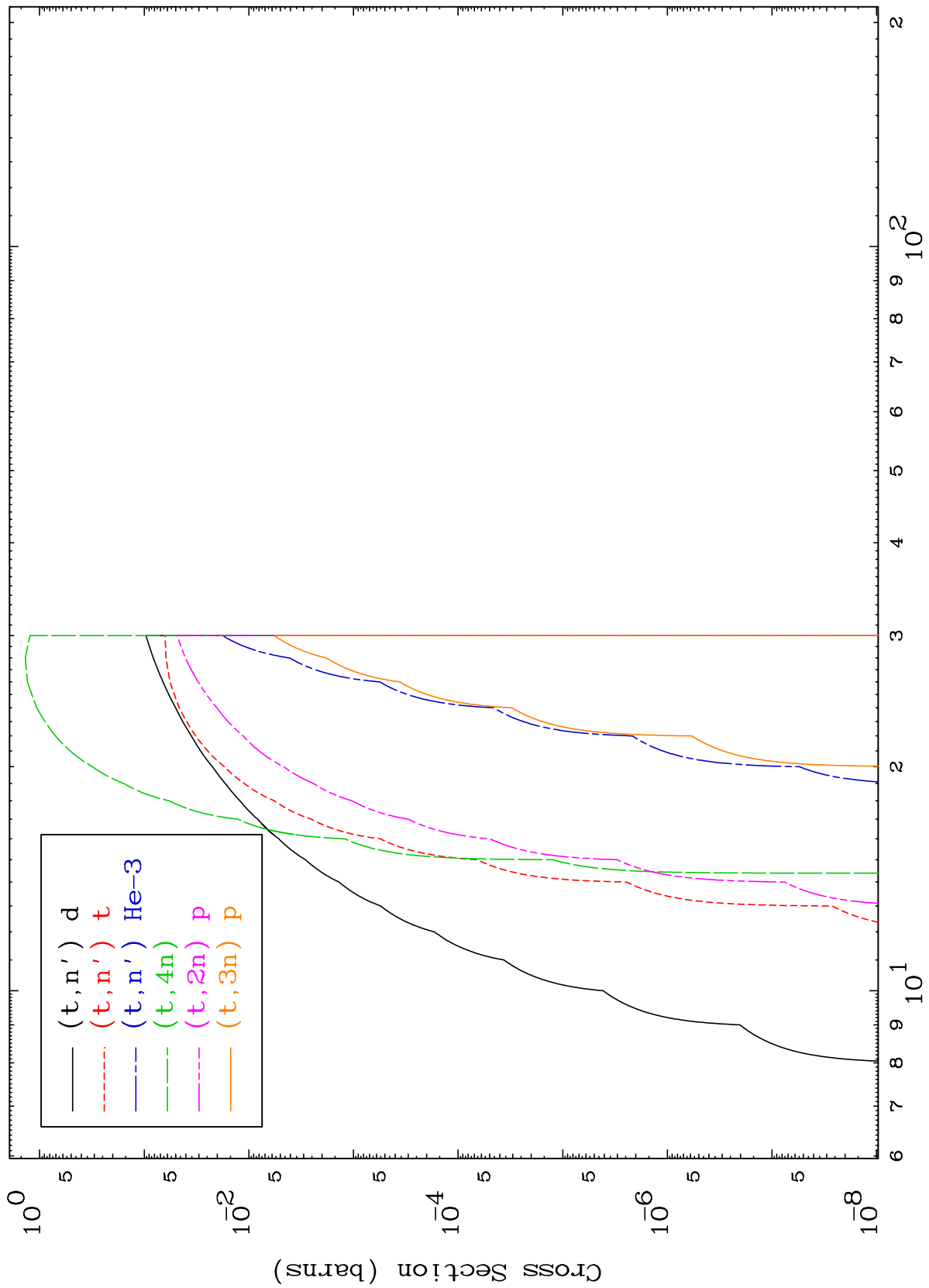
— Triton Inelastic  
- - - (t, remainder)  
- . - (t, γ)

MAT 7738

Triton Neutron Production  
0 Kelvin Cross Sections

77-Ir-195

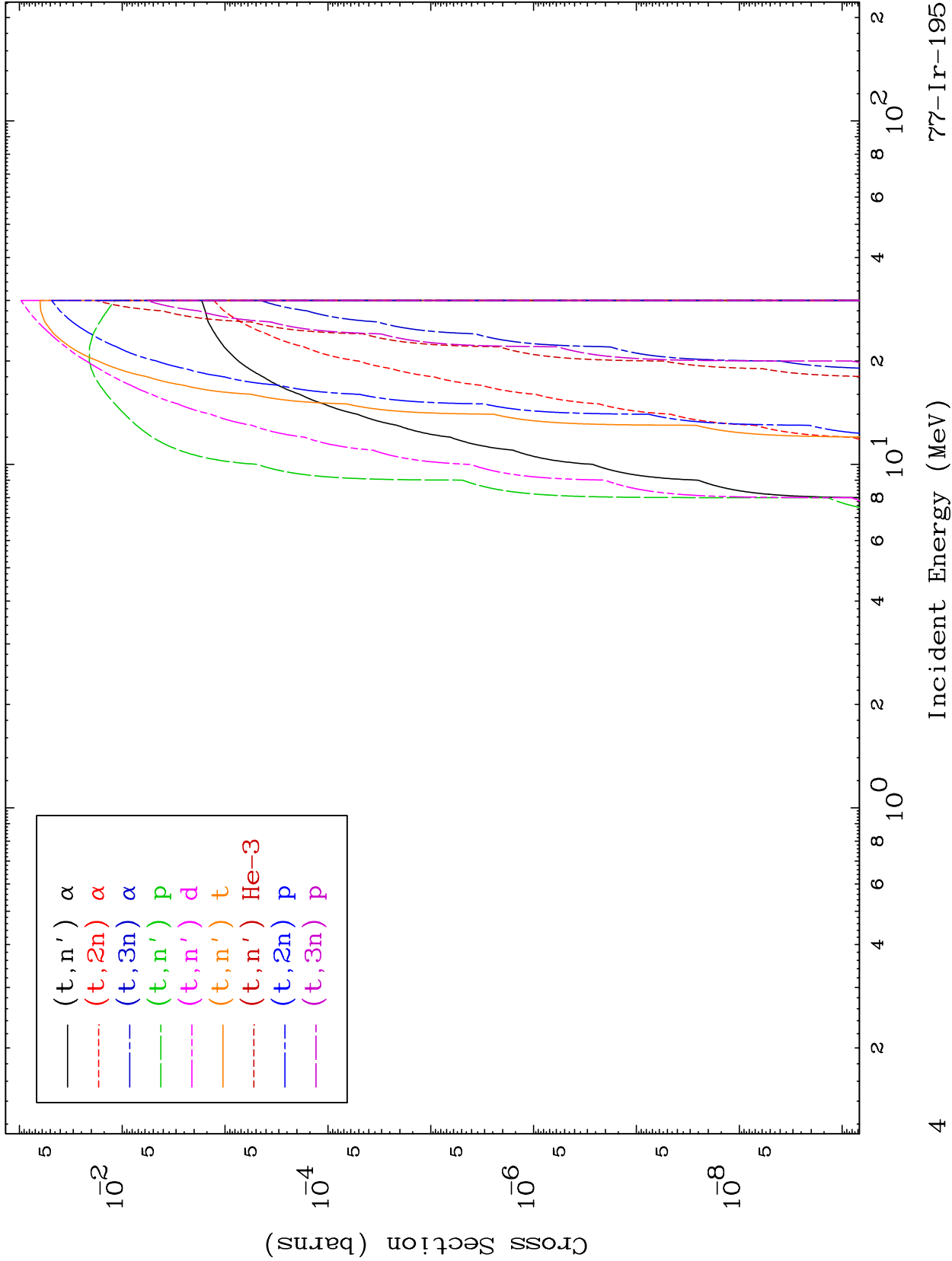


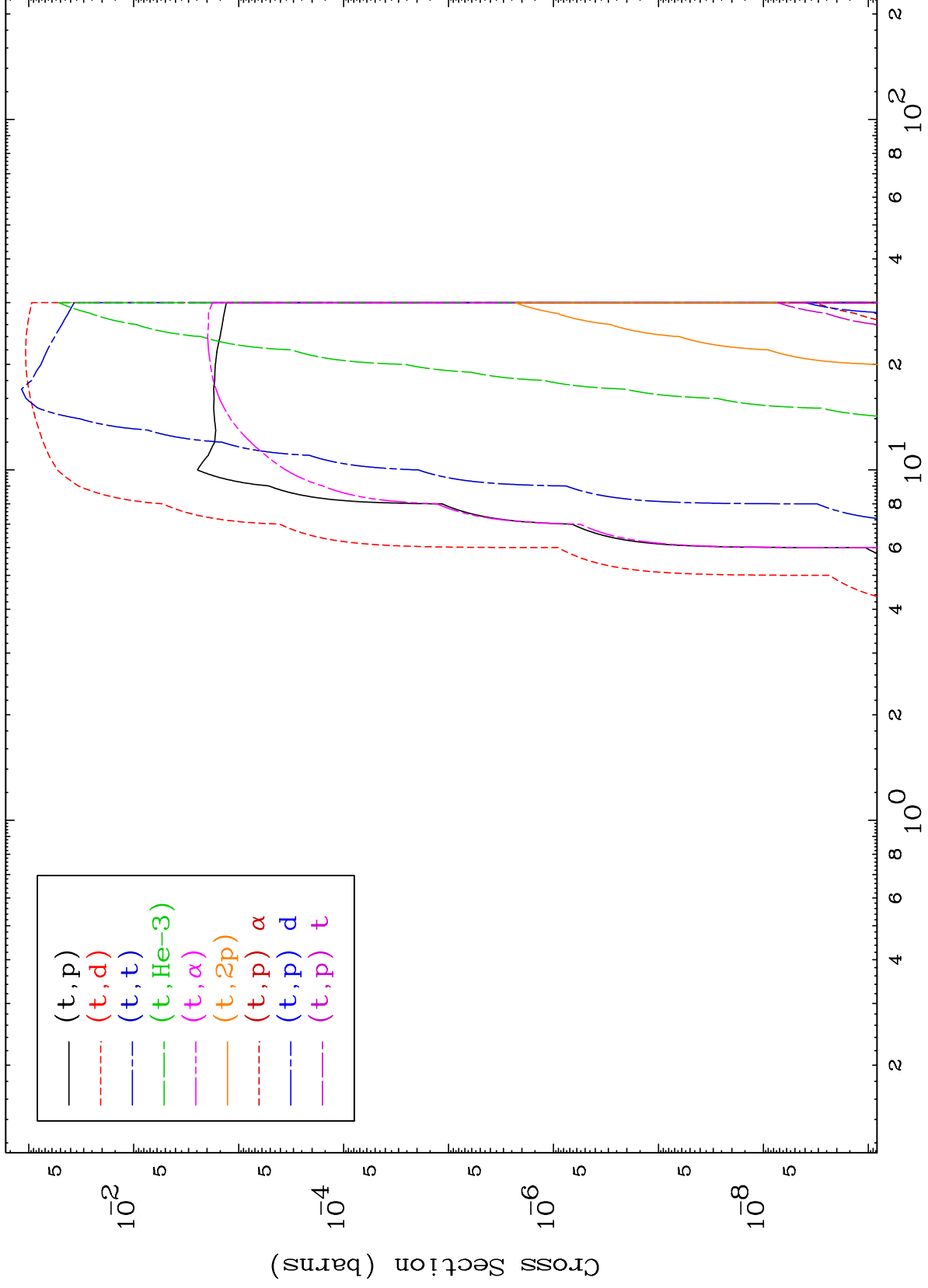


MAT 7738

Triton Charged Particle  
0 Kelvin Cross Sections

77-Ir-195



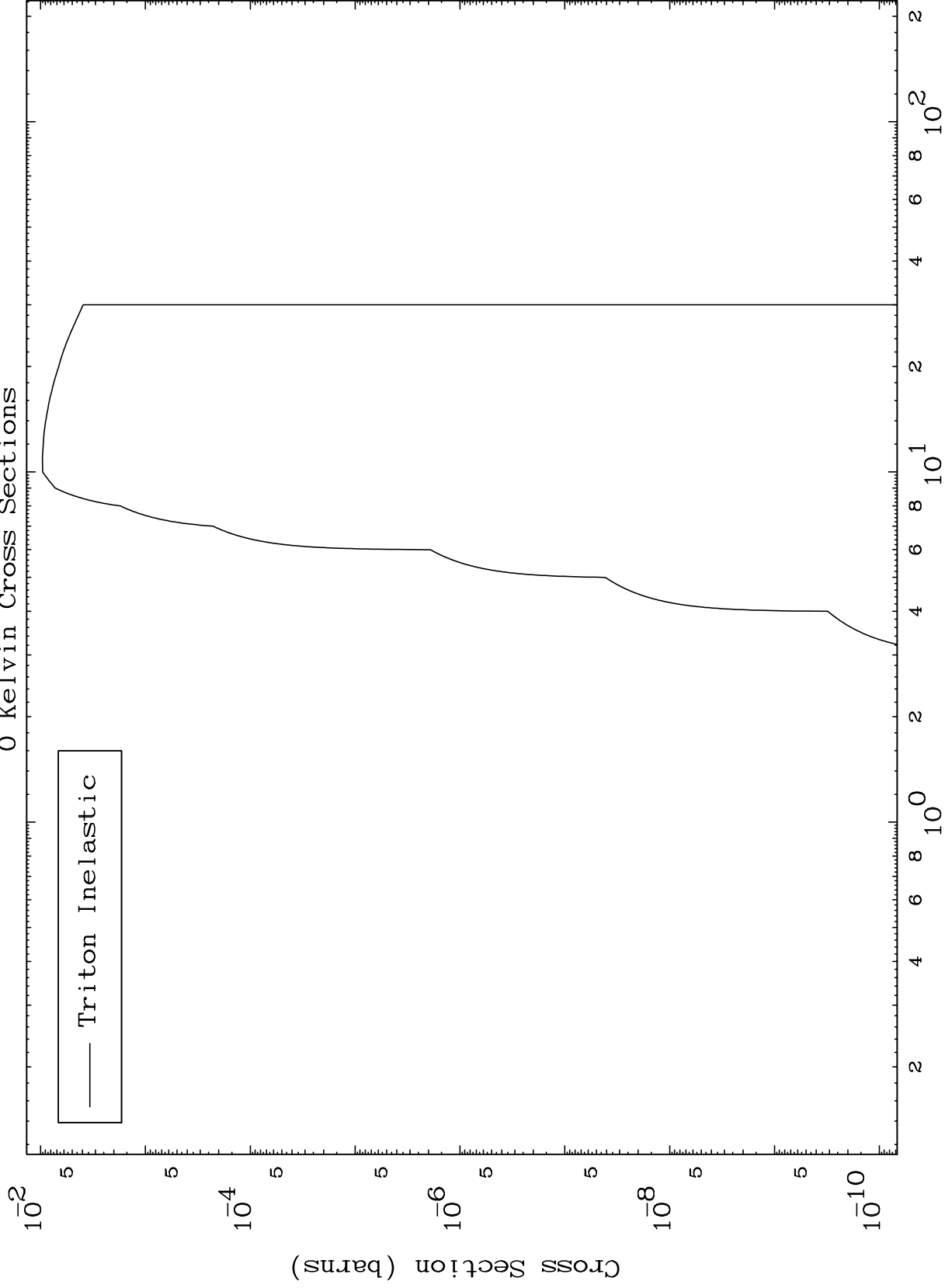


MAT 7738

77-Ir-195

(t, n') Level

0 Kelvin Cross Sections



77-Ir-195

Incident Energy (MeV)

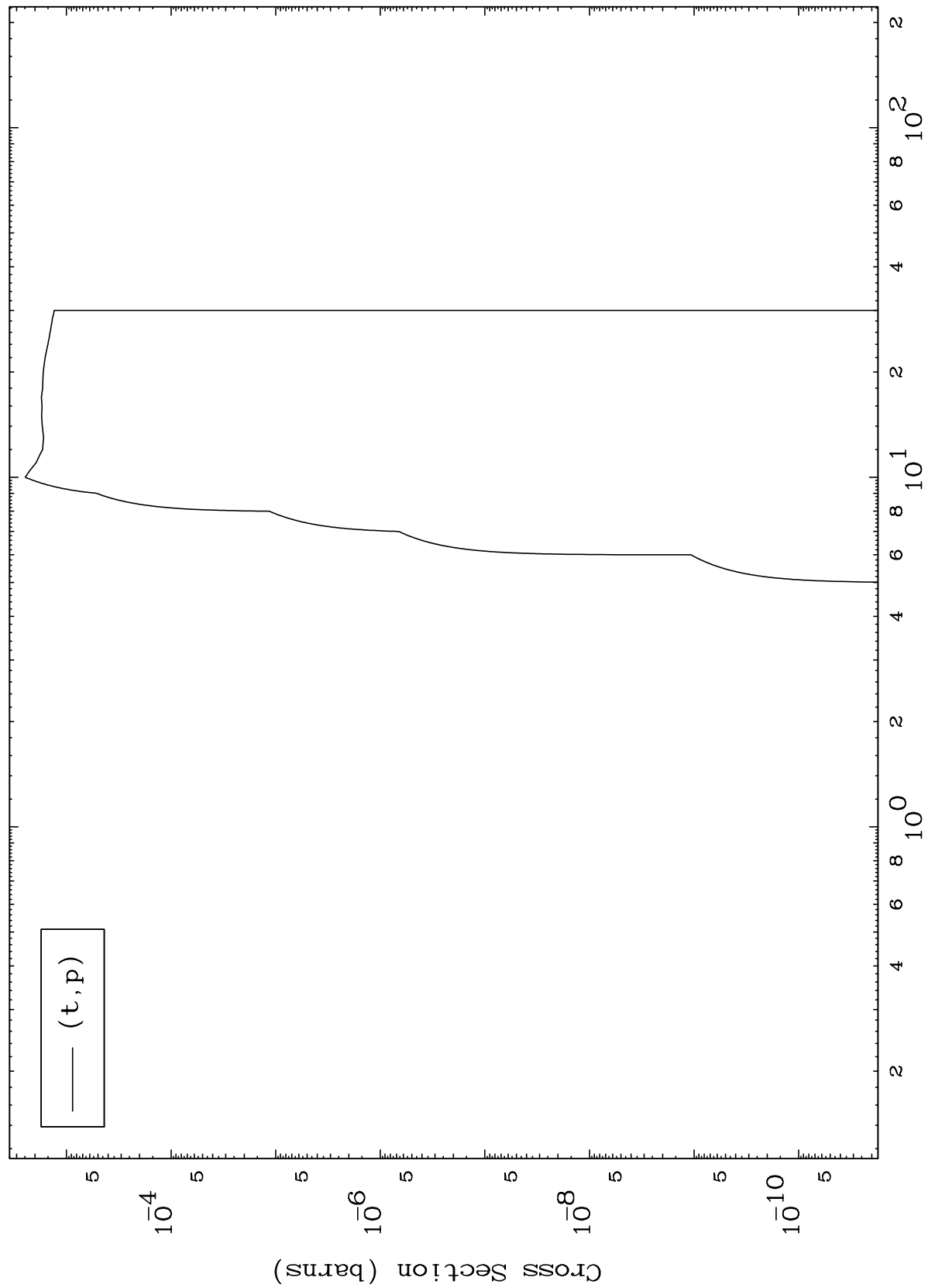
6

MAT 7738

(t,p) Levels

77-Ir-195

0 Kelvin Cross Sections



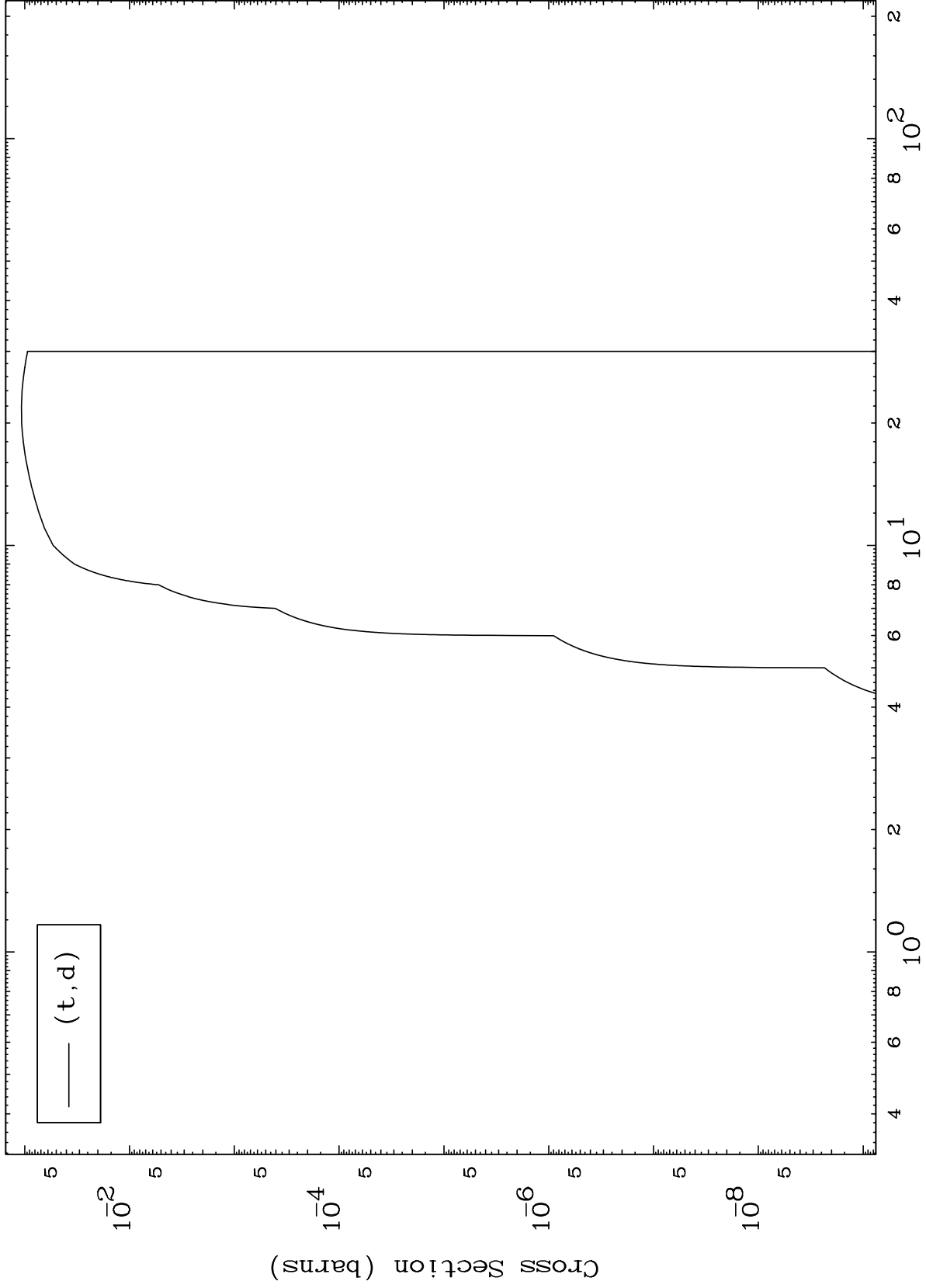


MAT 7738

(t,d) Levels

77-Ir-195

0 Kelvin Cross Sections



8

Incident Energy (MeV)

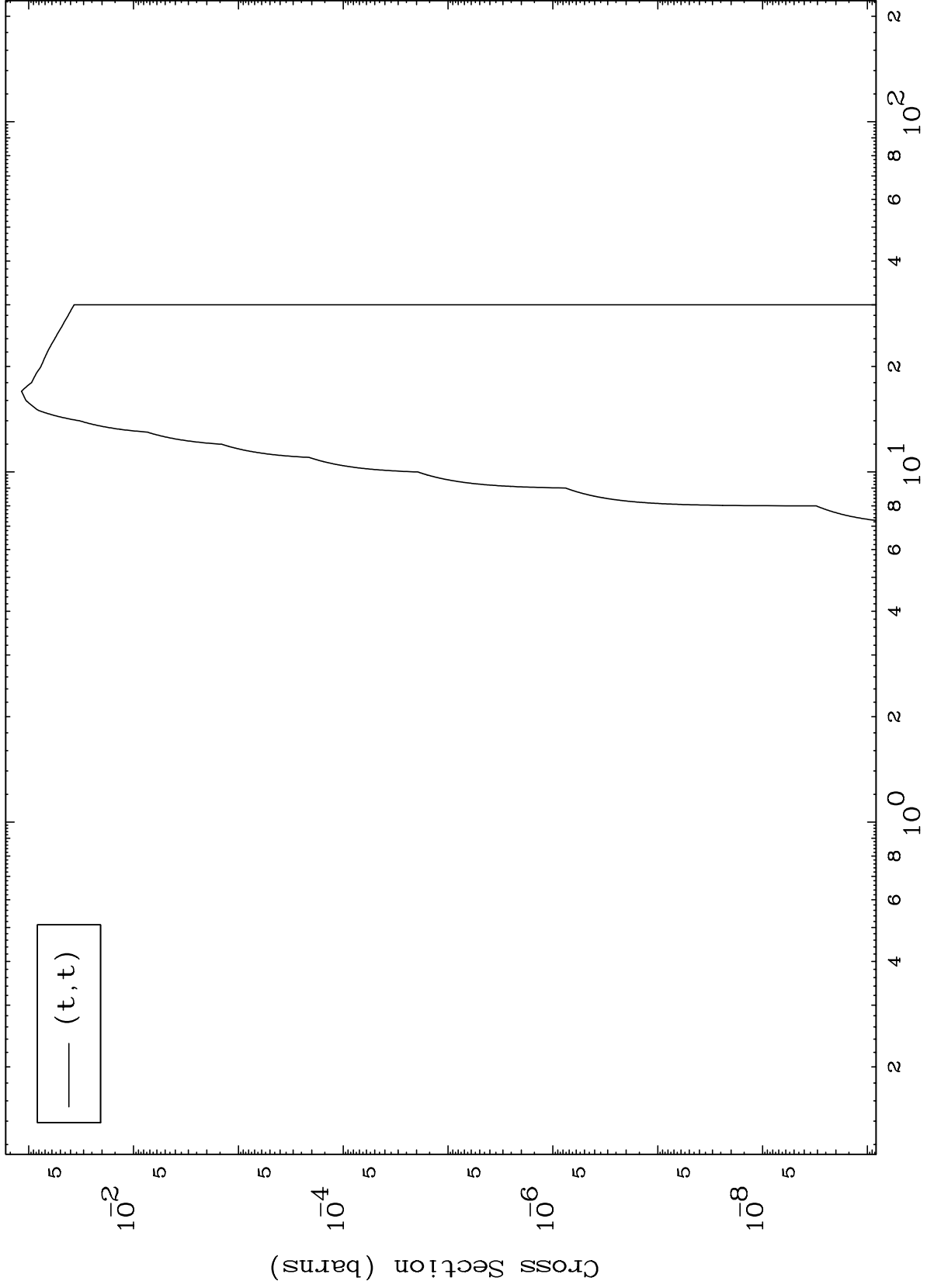
77-Ir-195

MAT 7738

(t, t) Levels

77-Ir-195

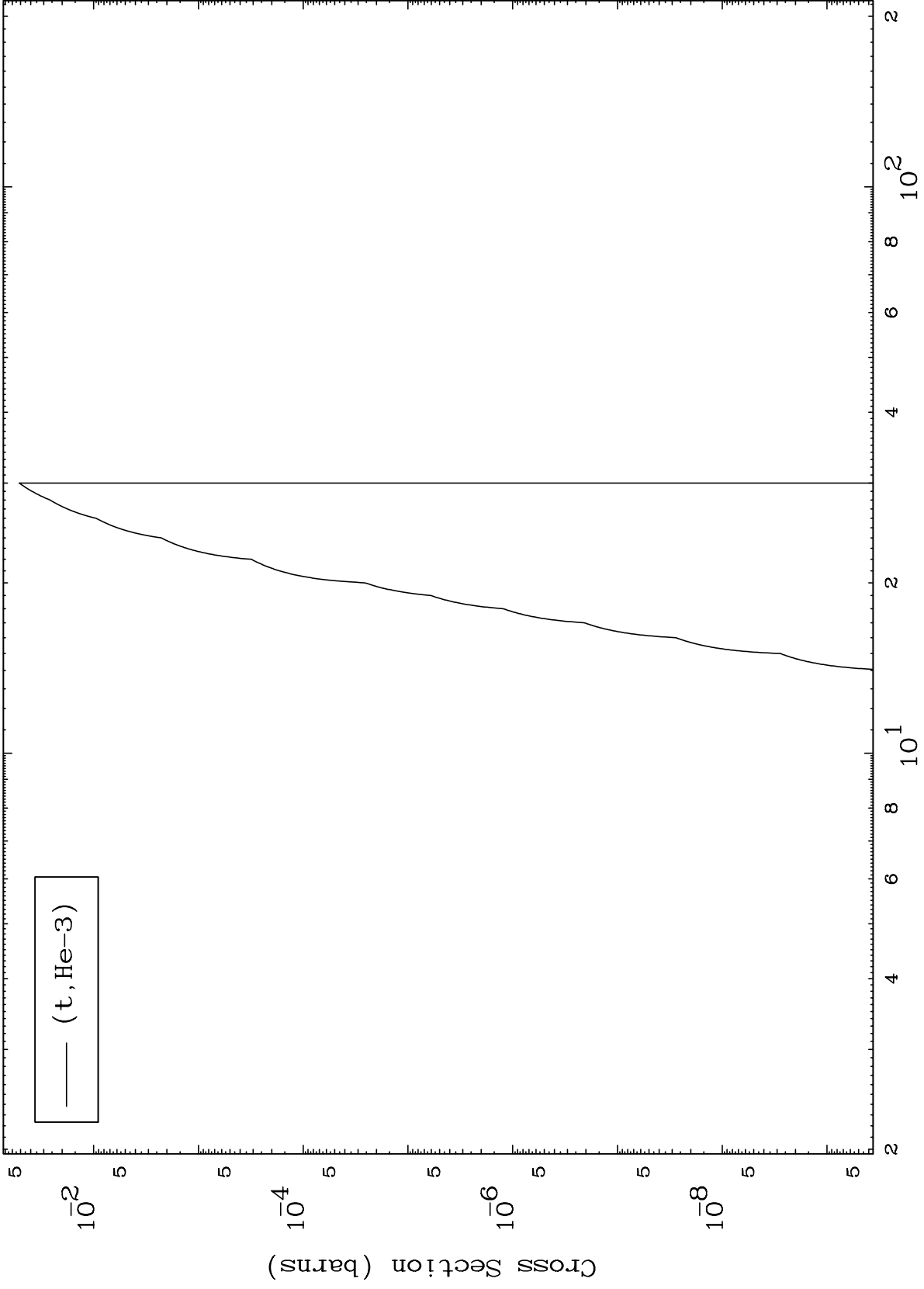
0 Kelvin Cross Sections



MAT 7738

(t,He3) Levels  
0 Kelvin Cross Sections

77-Ir-195



10

Incident Energy (MeV)

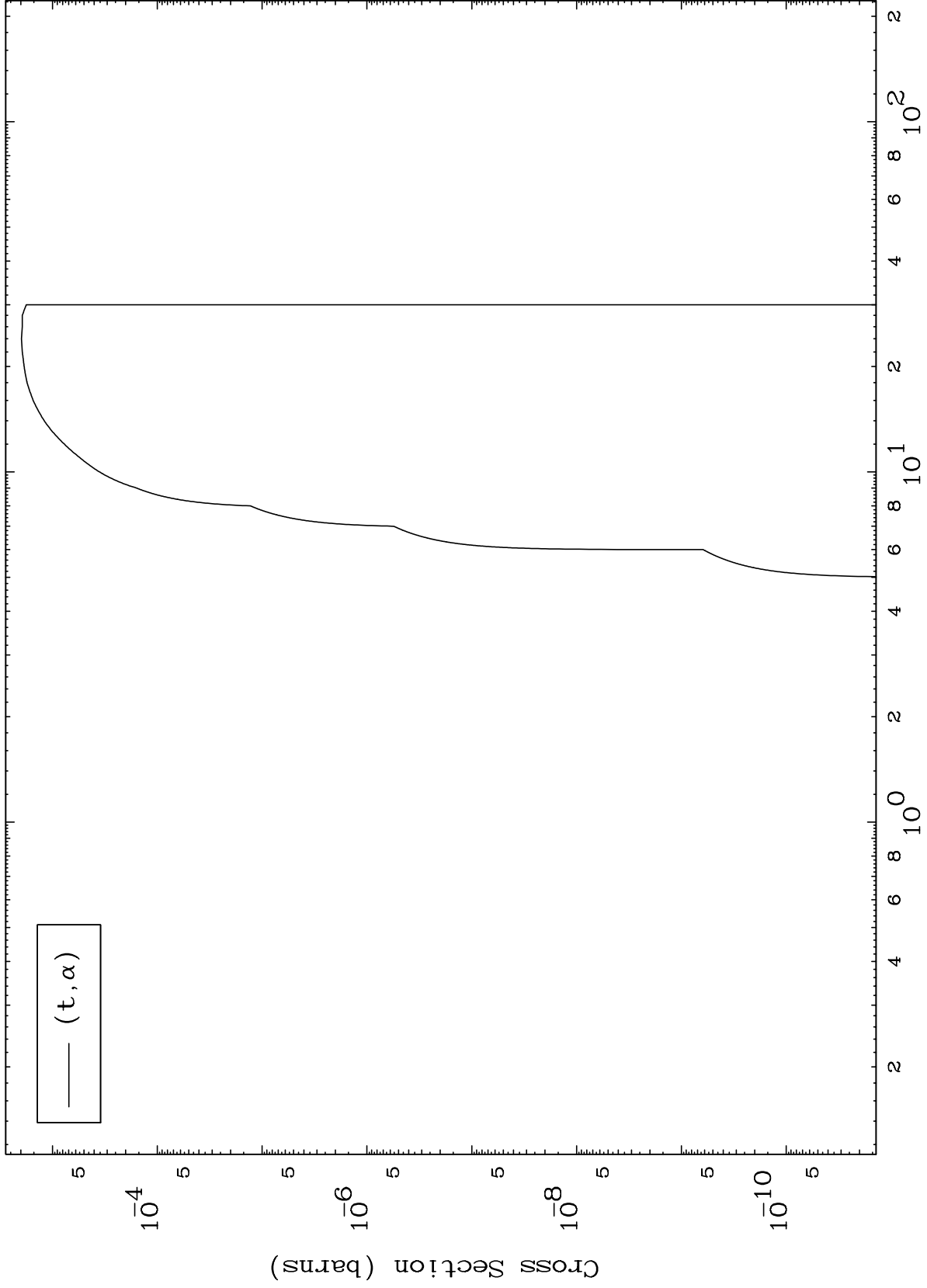
77-Ir-195

MAT 7738

(t,  $\alpha$ ) Levels

77-Ir-195

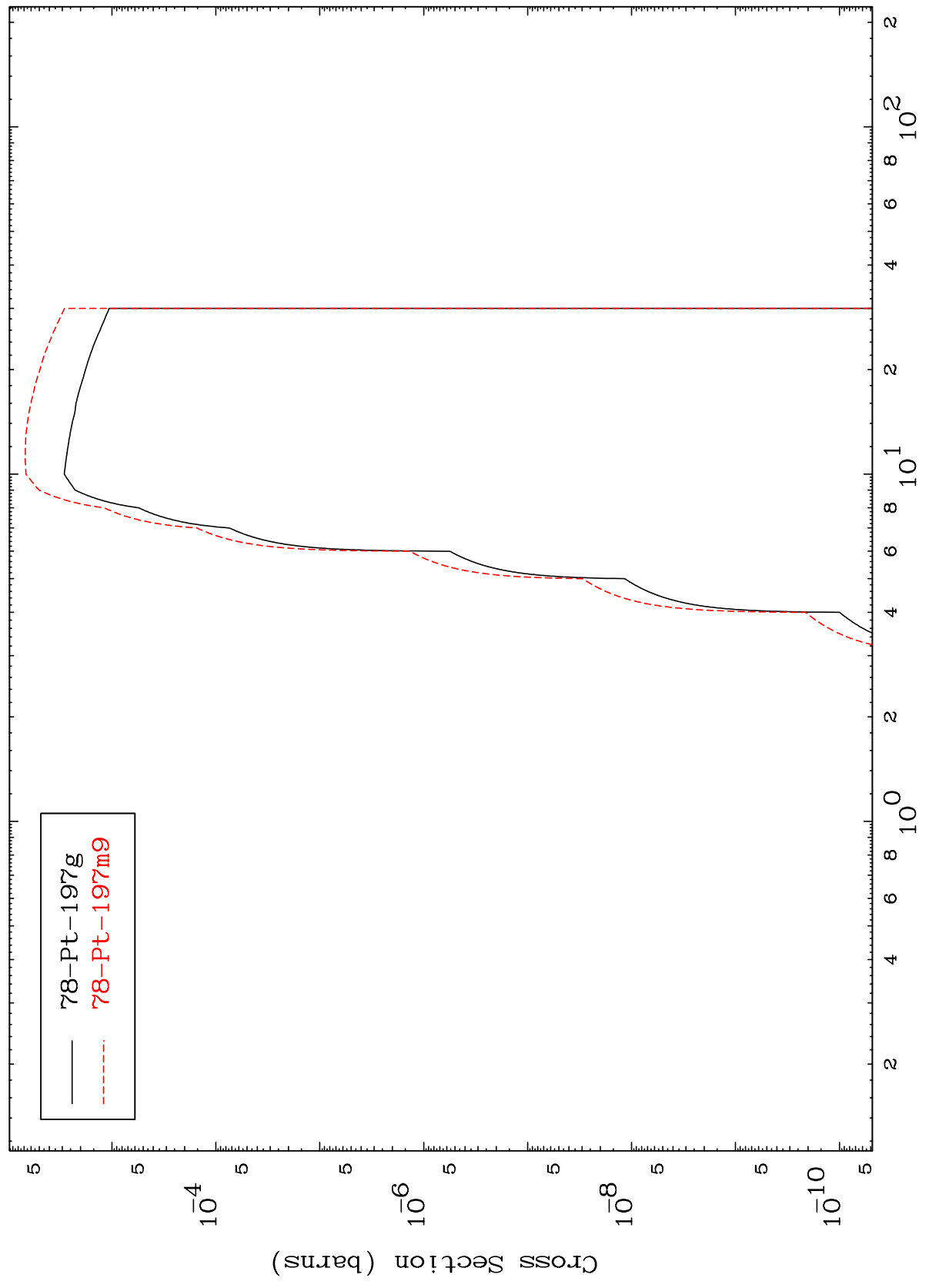
0 Kelvin Cross Sections



MAT 7738

Triton Inelastic  
Radionuclide Production Cross Section

77-Ir-195



12

Incident Energy (MeV)

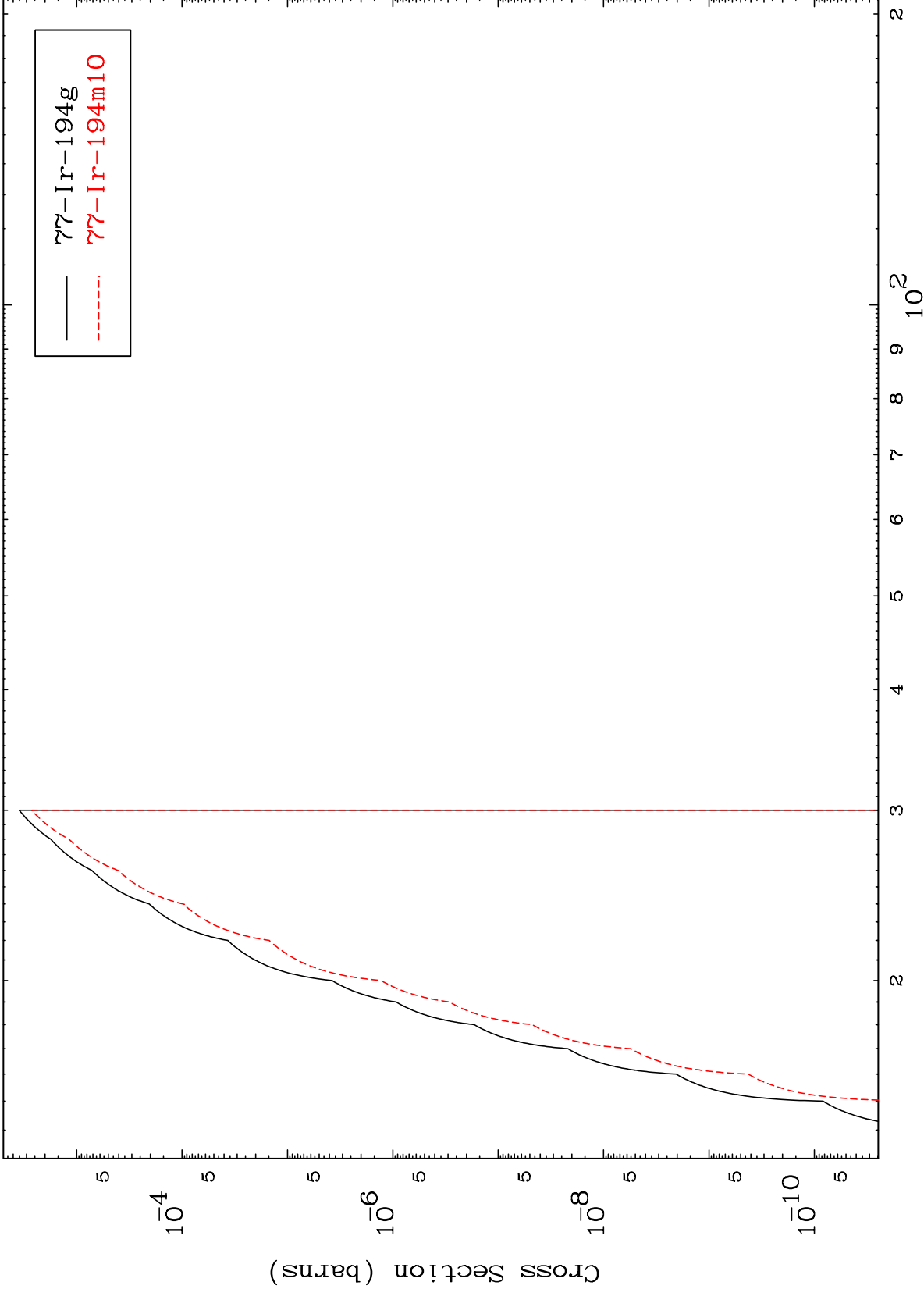
77-Ir-195

MAT 7738

(t,2n) d

77-Ir-195

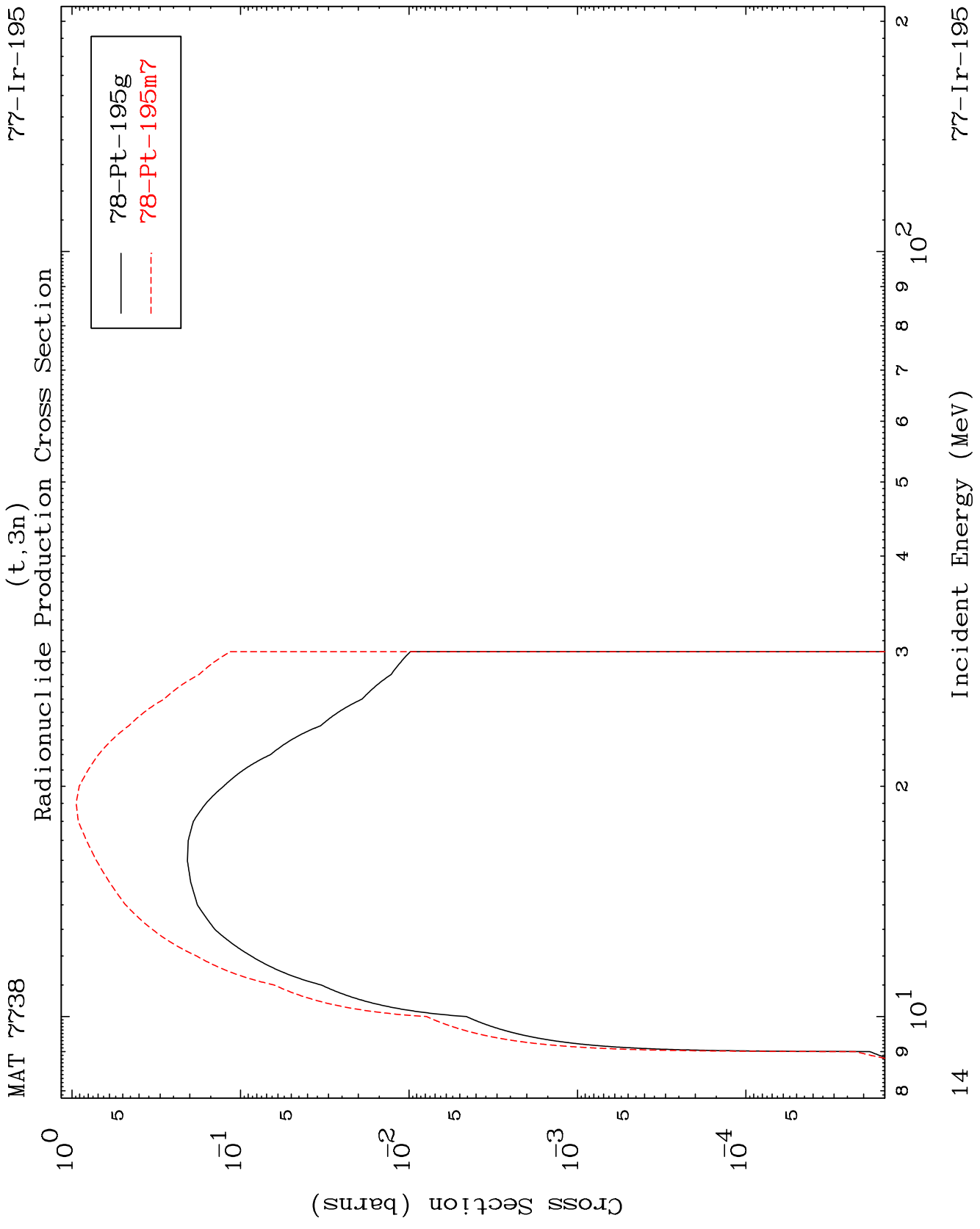
Radionuclide Production Cross Section



13

Incident Energy (MeV)

77-Ir-195

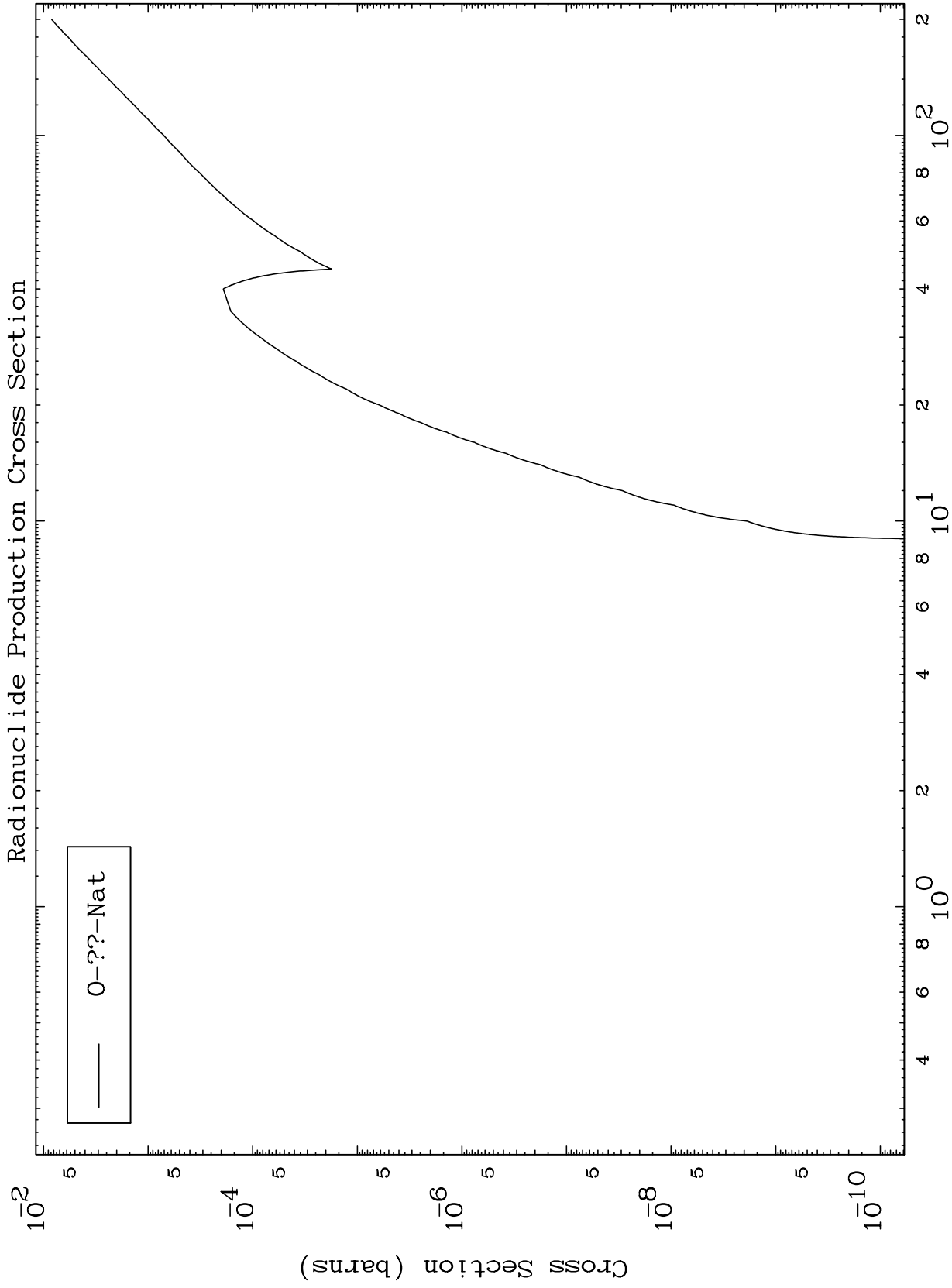


MAT 7738

Triton Fission

<sup>77</sup>Ir-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>77</sup>Ir-195

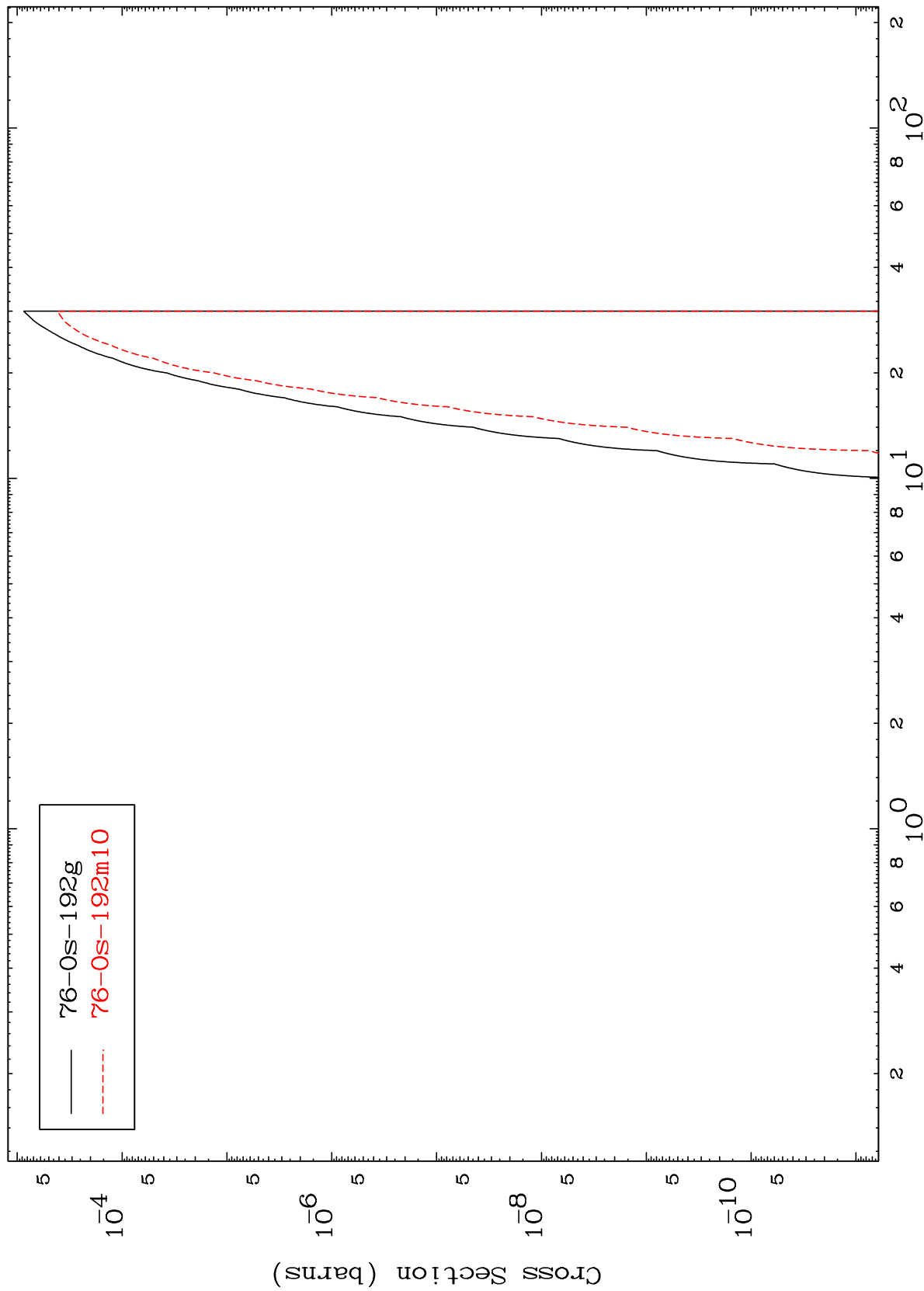


MAT 7738

$(t,2n) \alpha$

$^{77}\text{Ir-195}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

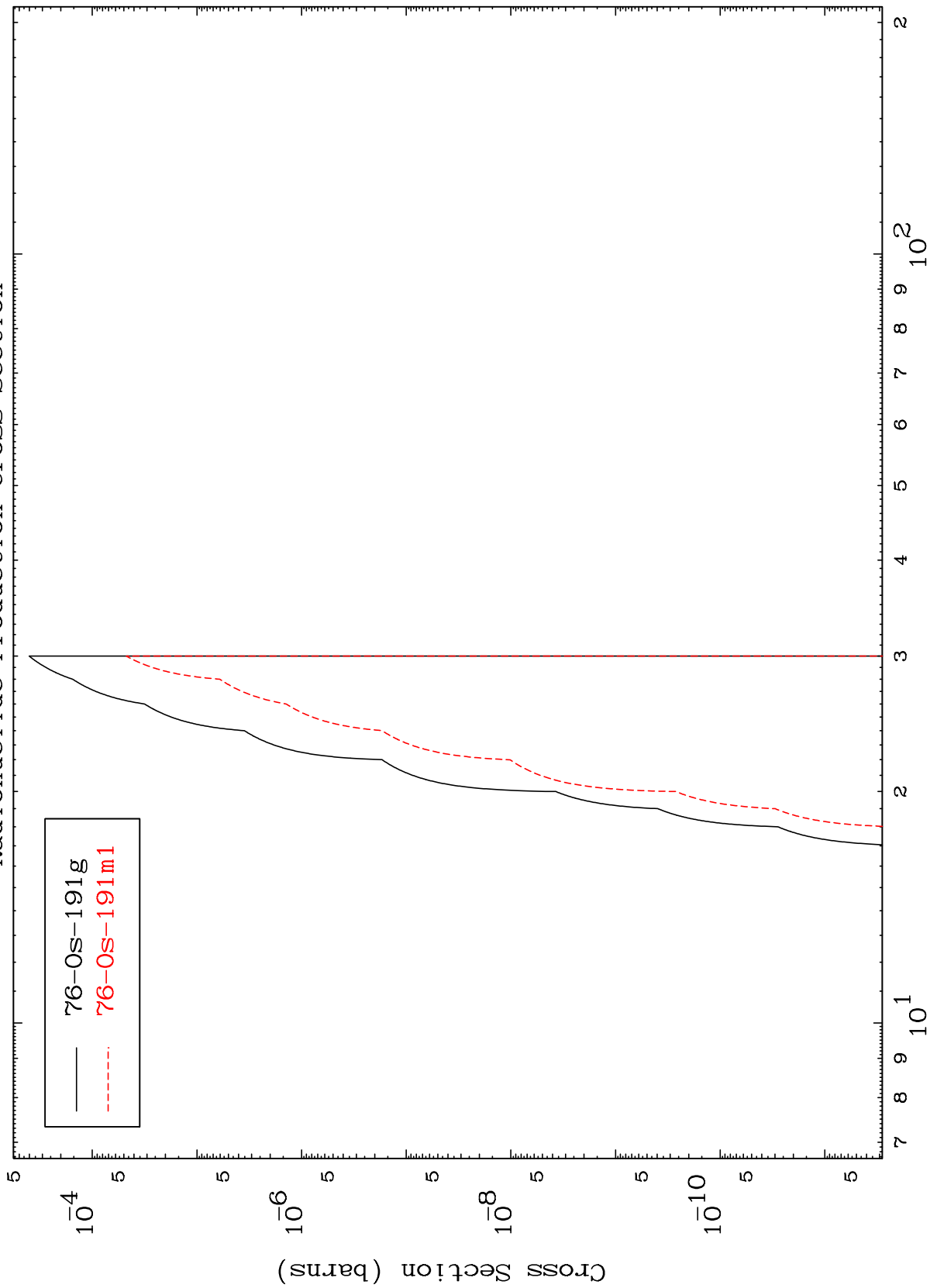
$^{77}\text{Ir-195}$

MAT 7738

77-Ir-195

(t,3n)  $\alpha$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

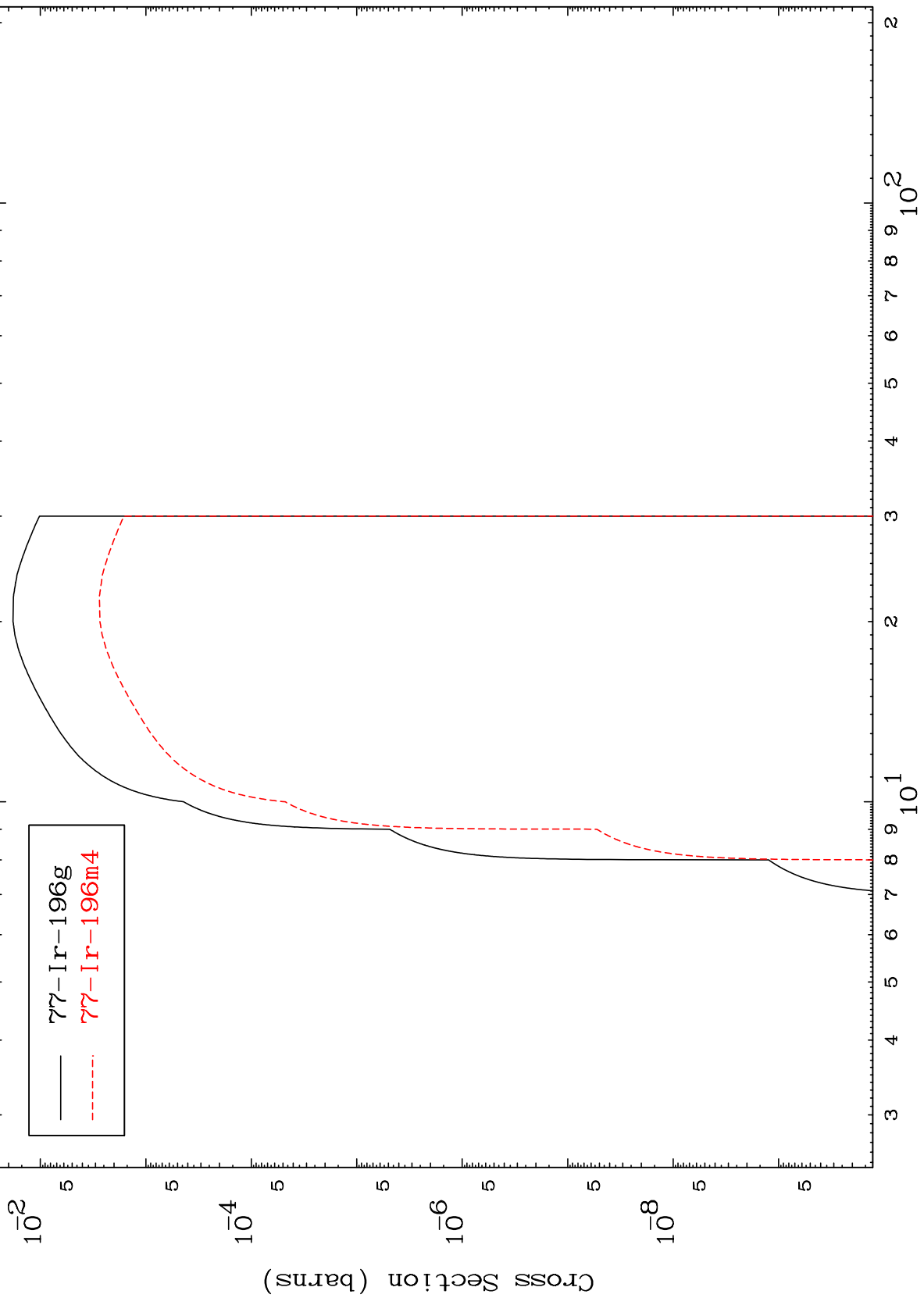
77-Ir-195

MAT 7738

(t,n') p

<sup>77</sup>Ir-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

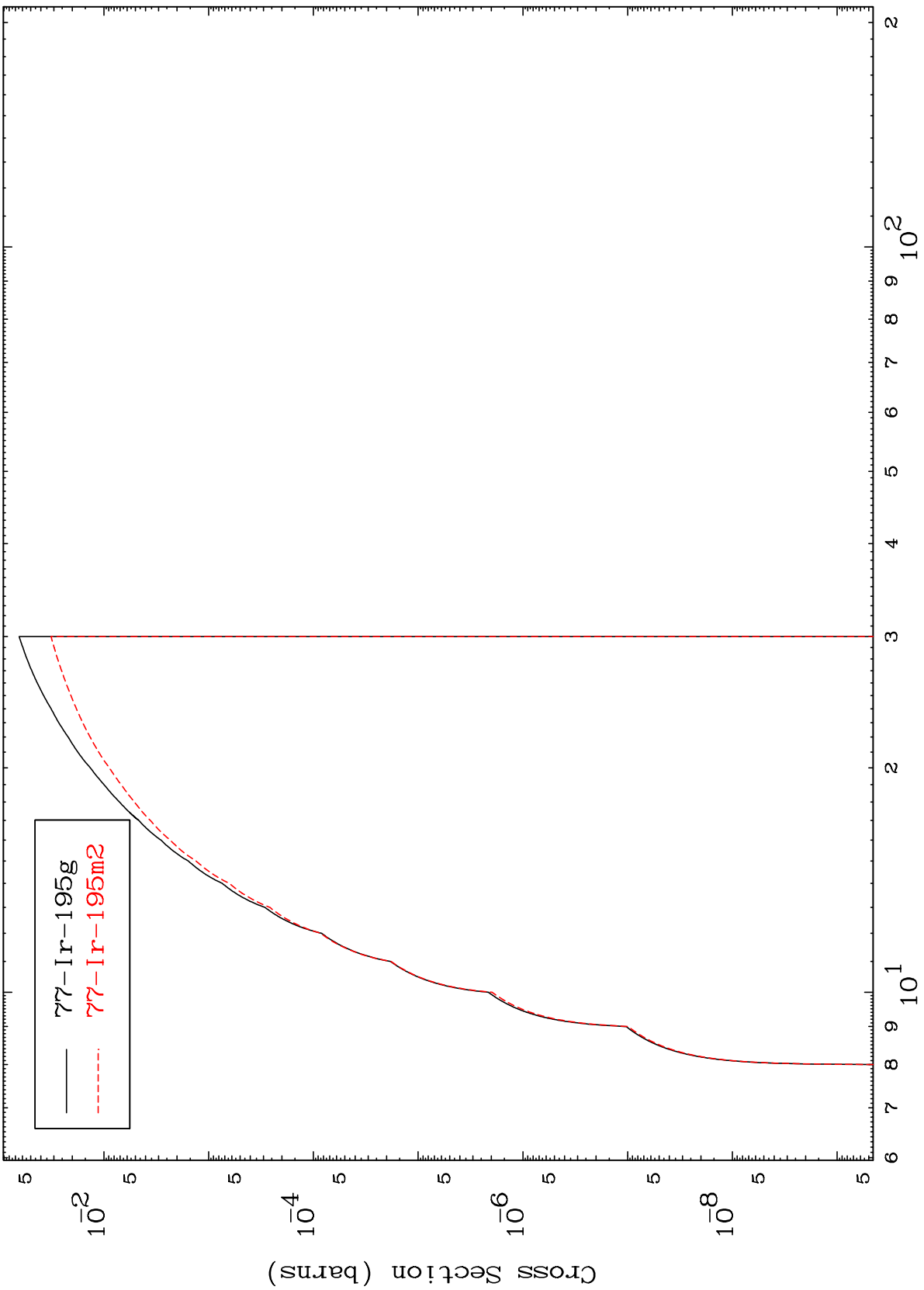
<sup>77</sup>Ir-195

MAT 7738

(t,n') d

77-Ir-195

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

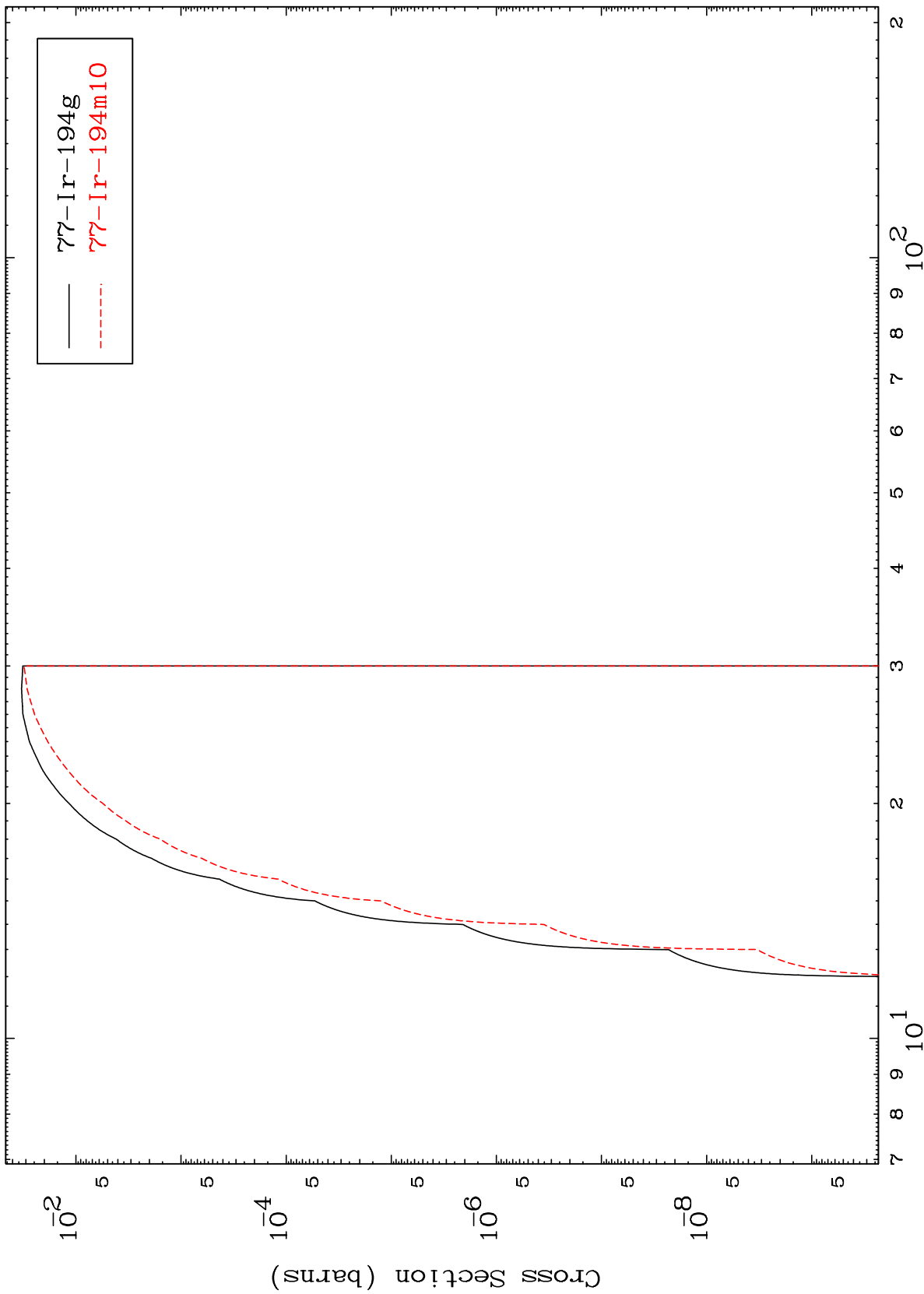
77-Ir-195

MAT 7738

(t,n') t

77-Ir-195

Radionuclide Production Cross Section



20

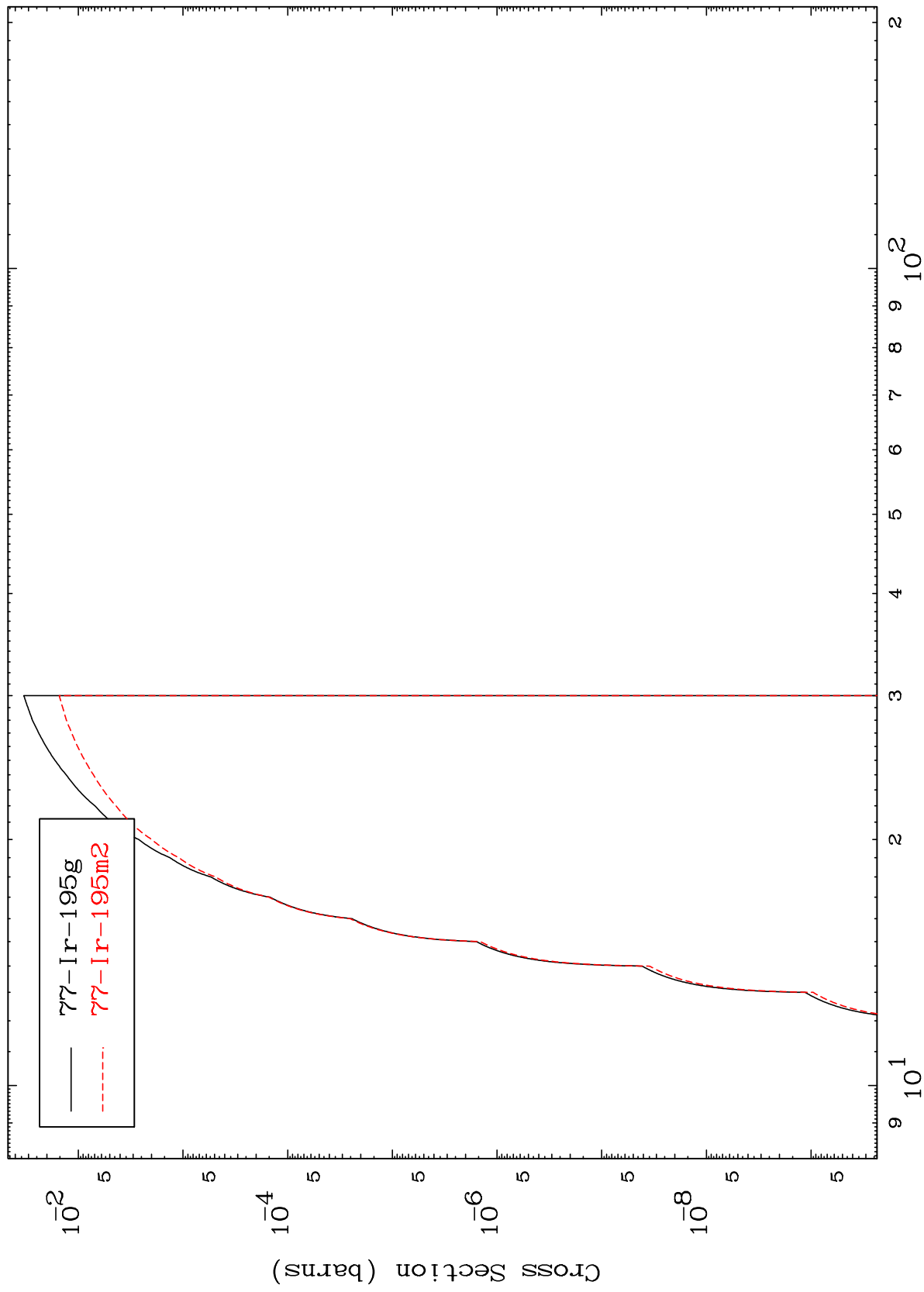
Incident Energy (MeV)

77-Ir-195

MAT 7738

<sup>77</sup>Ir-195

(t,2n) p  
Radionuclide Production Cross Section

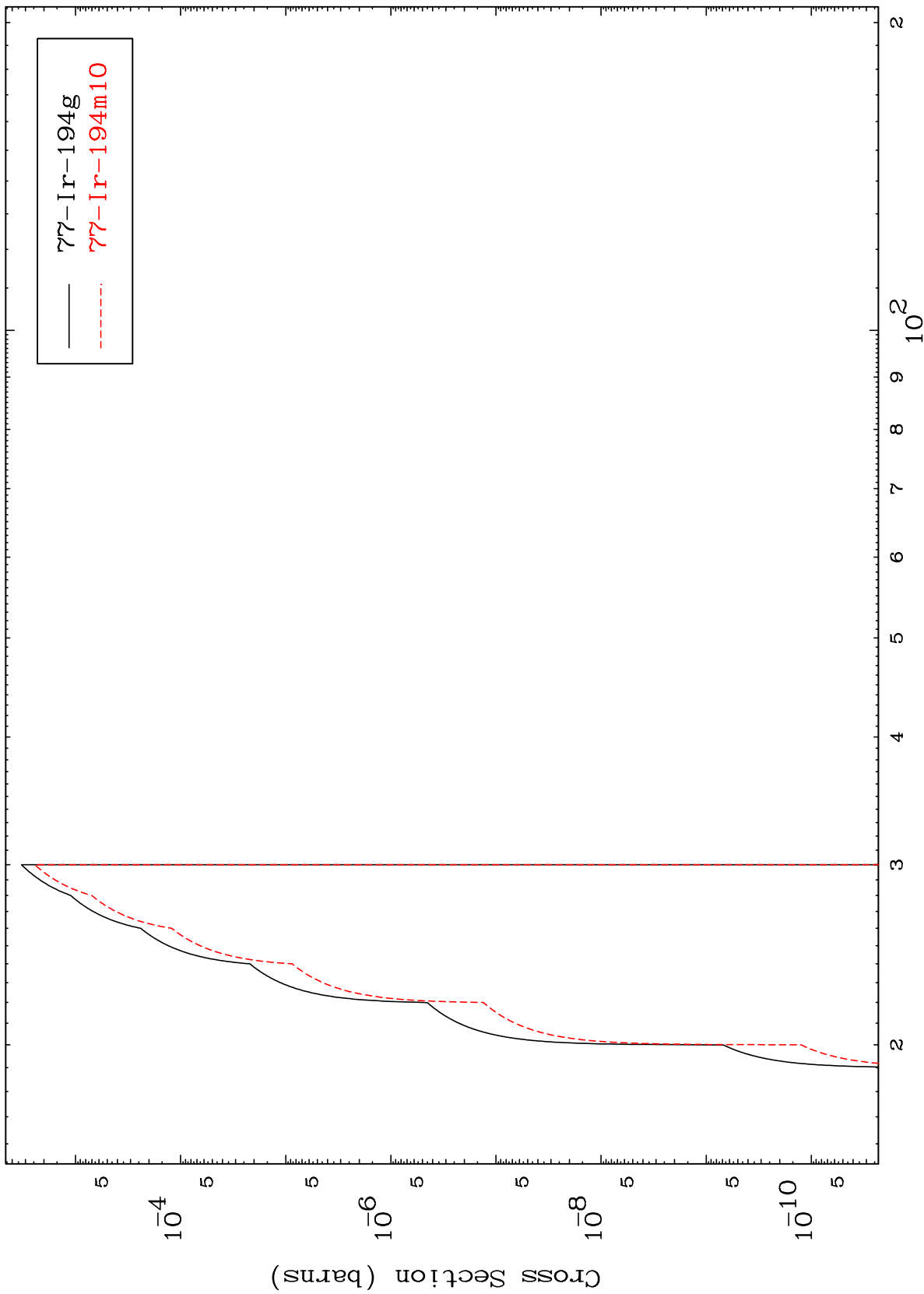


<sup>77</sup>Ir-195

Incident Energy (MeV)

21

(t,3n) p  
Radionuclide Production Cross Section



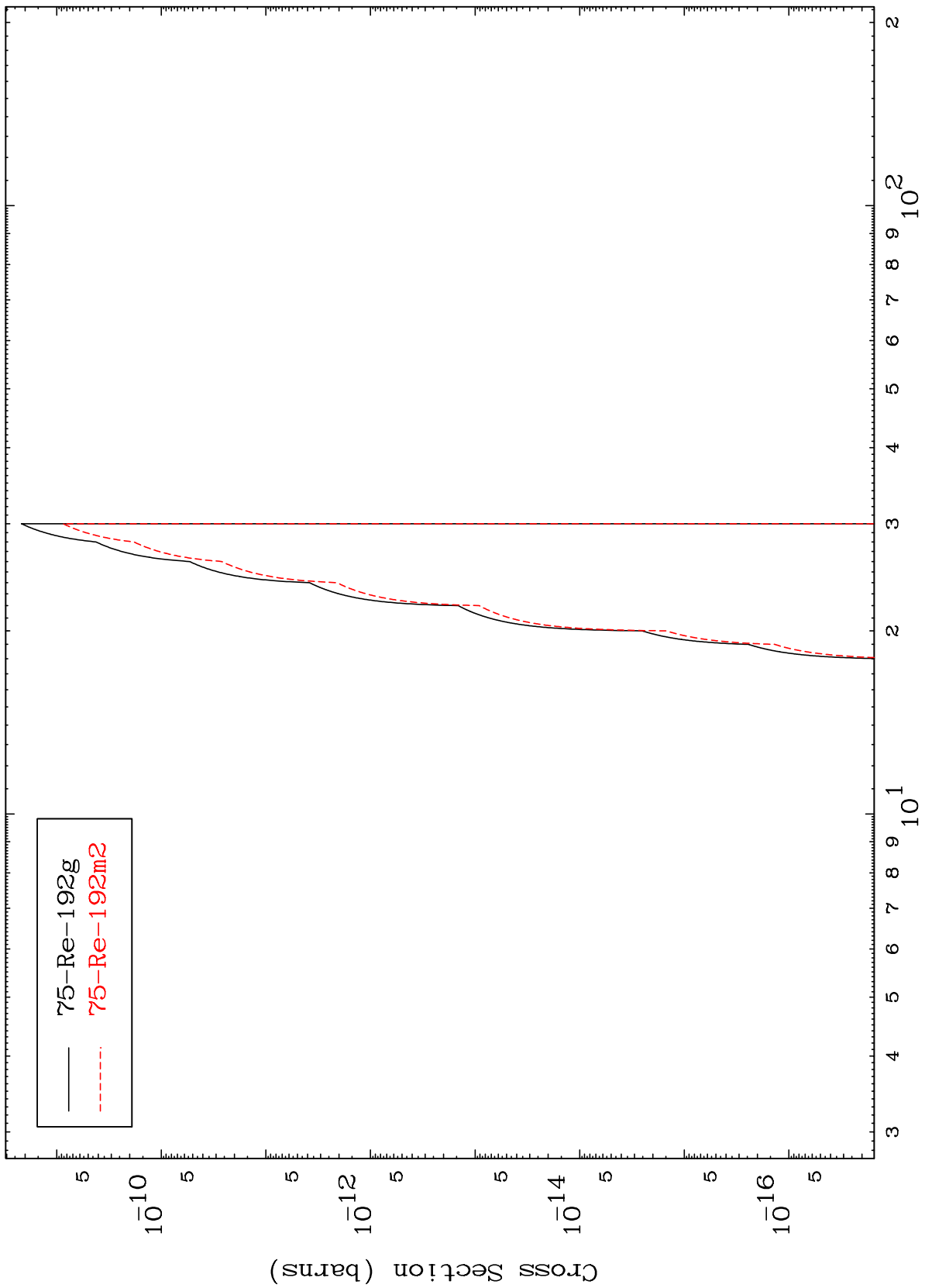
77-Ir-194g  
77-Ir-194m10

MAT 7738

(t,n') p  $\alpha$

77-Ir-195

Radionuclide Production Cross Section

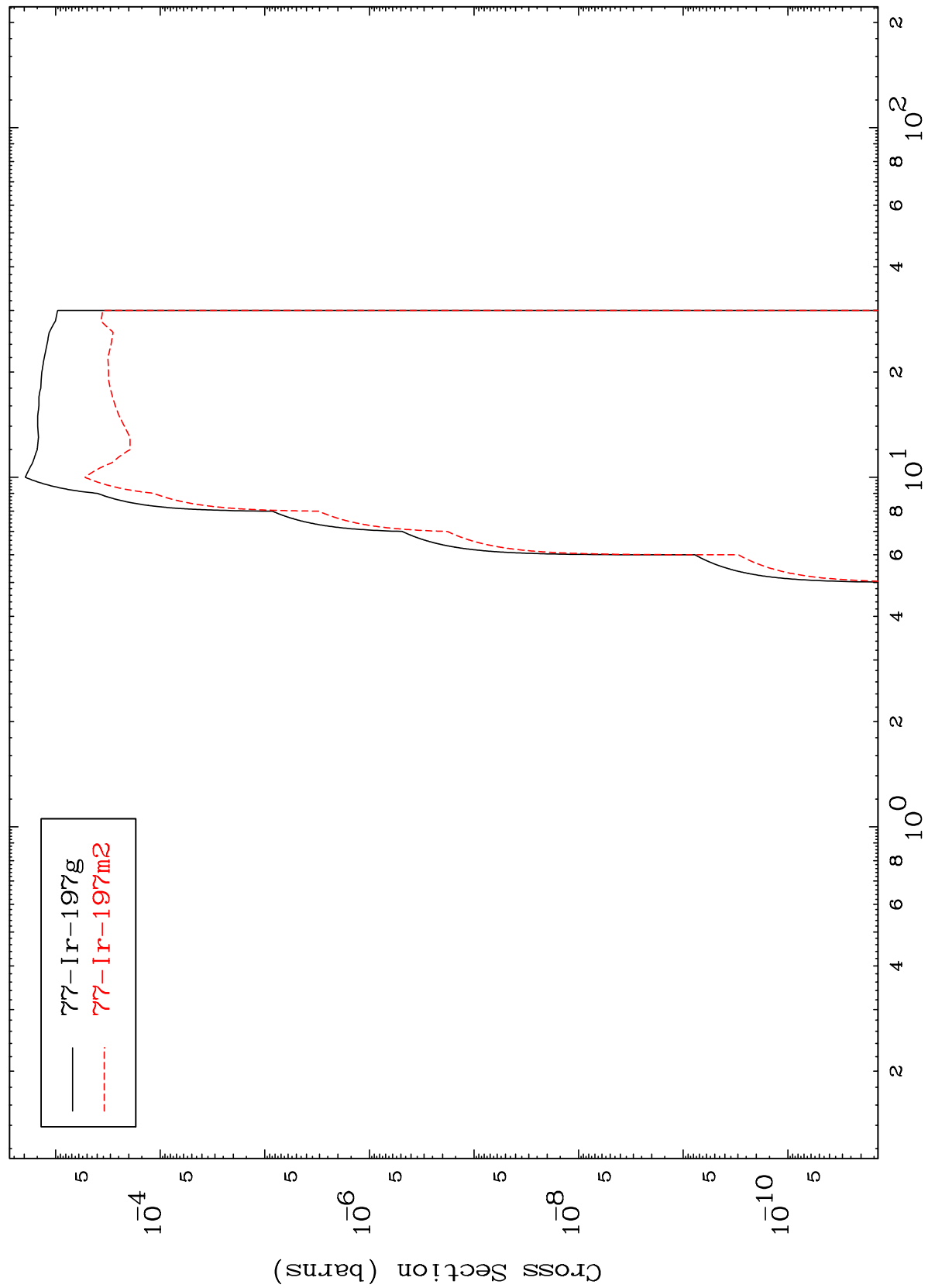




MAT 7738

77-Ir-195

(t,p)  
Radionuclide Production Cross Section



77-Ir-195

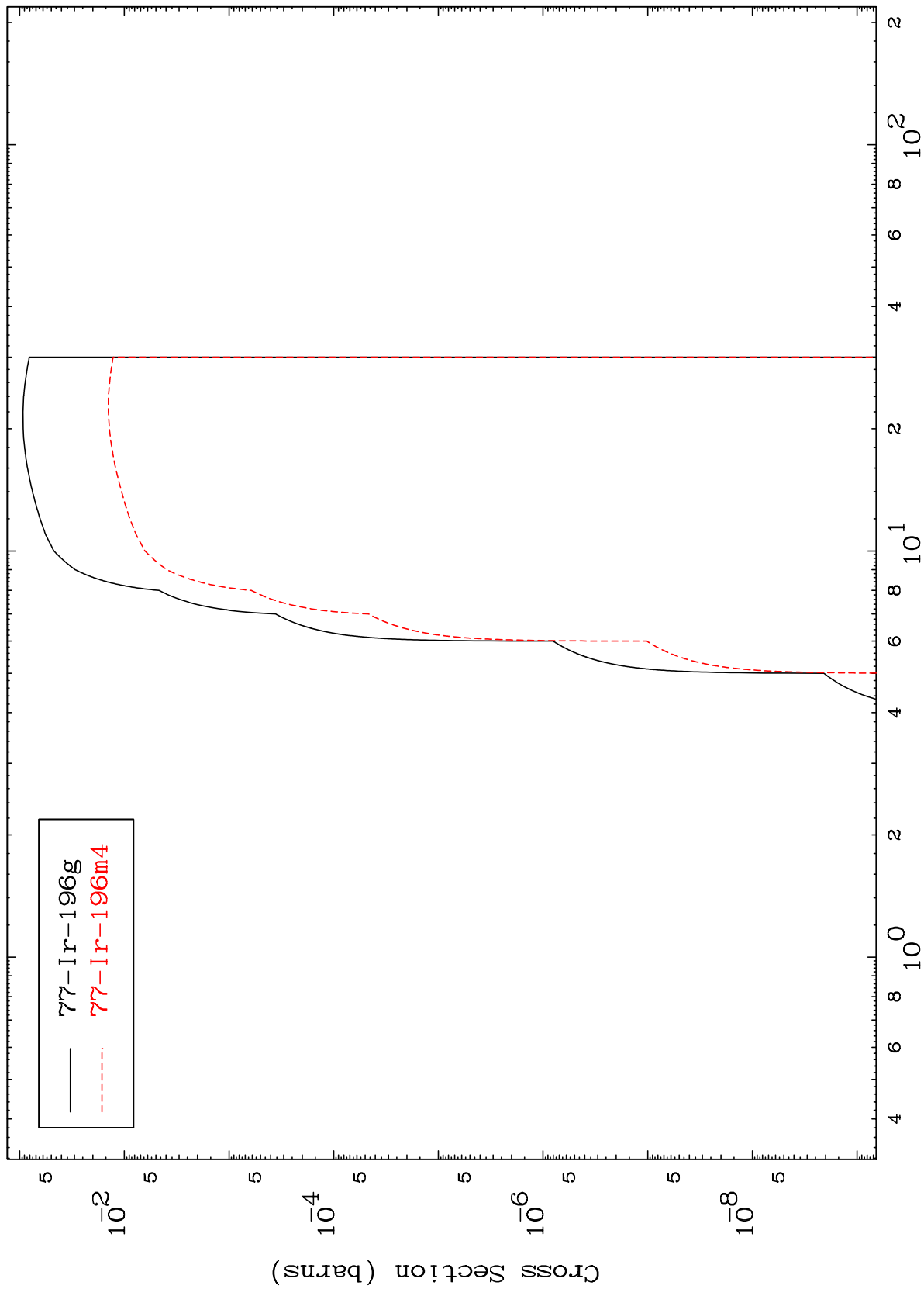
Incident Energy (MeV)

24

MAT 7738

77-Ir-195

(t,d)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

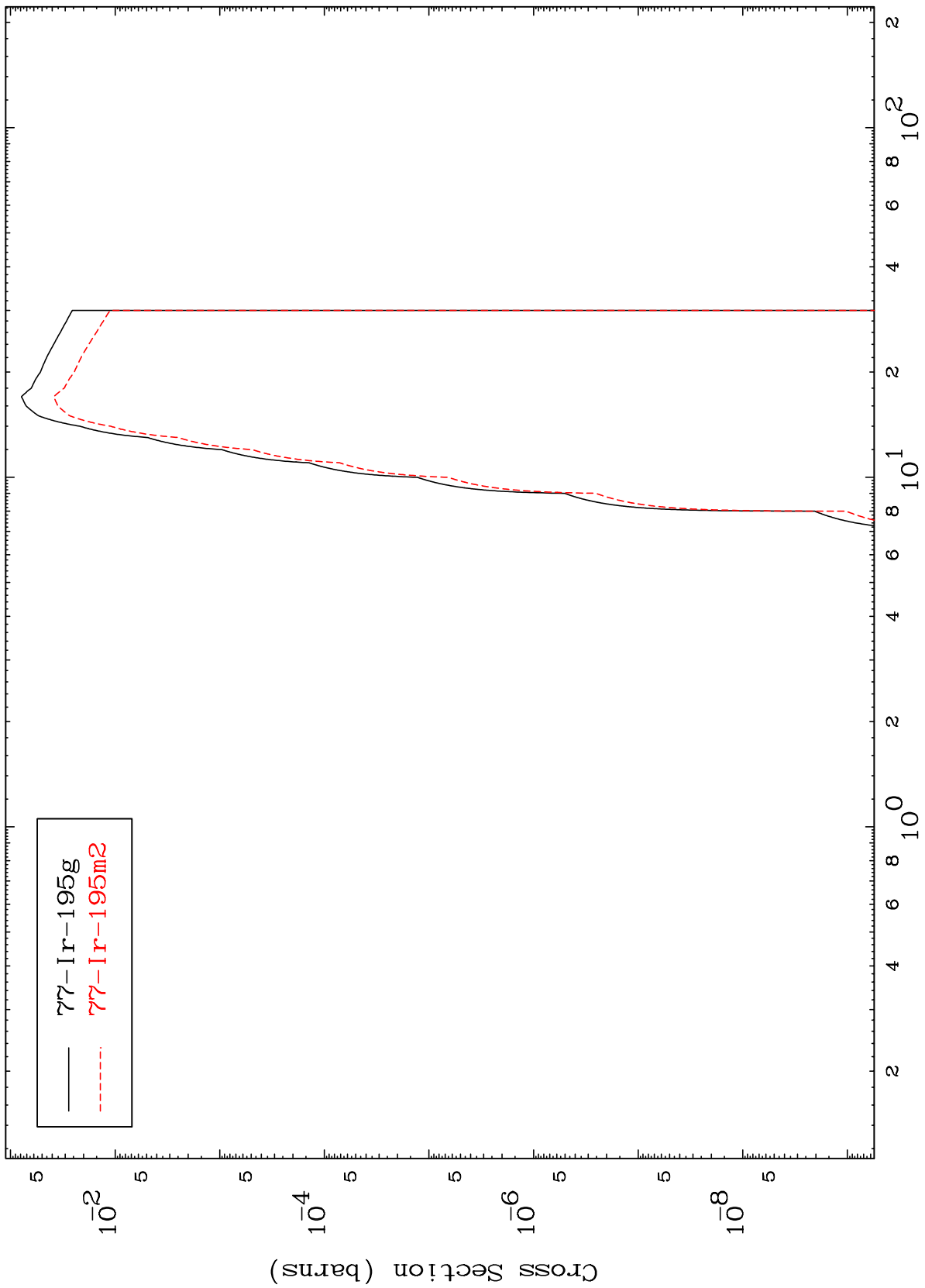
77-Ir-195

MAT 7738

(t, t)

<sup>77</sup>Ir-195

Radionuclide Production Cross Section



26

Incident Energy (MeV)

<sup>77</sup>Ir-195