

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

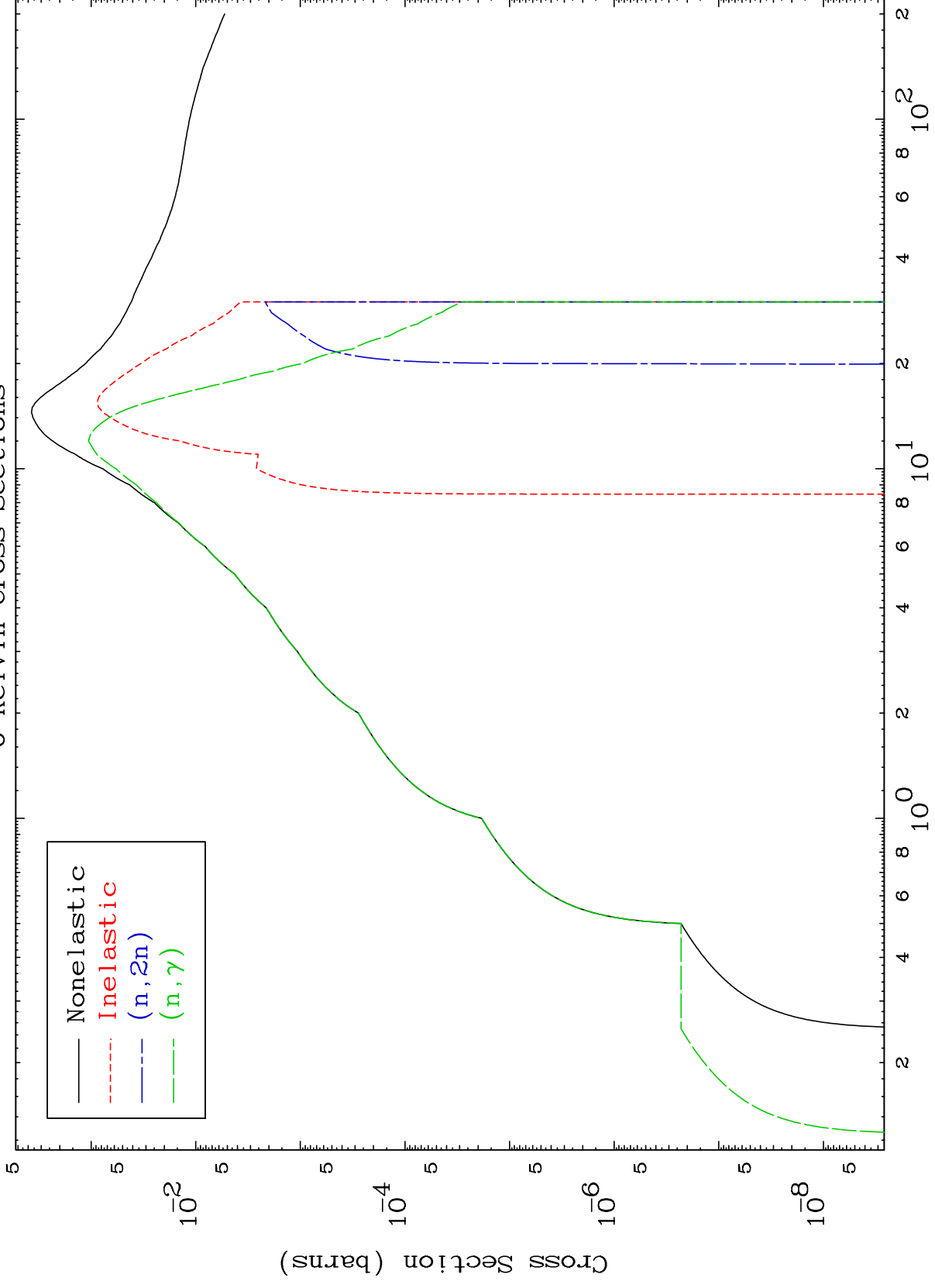
Press Mouse Button to Start

MAT 7780

Photon Major

78-Pt-175

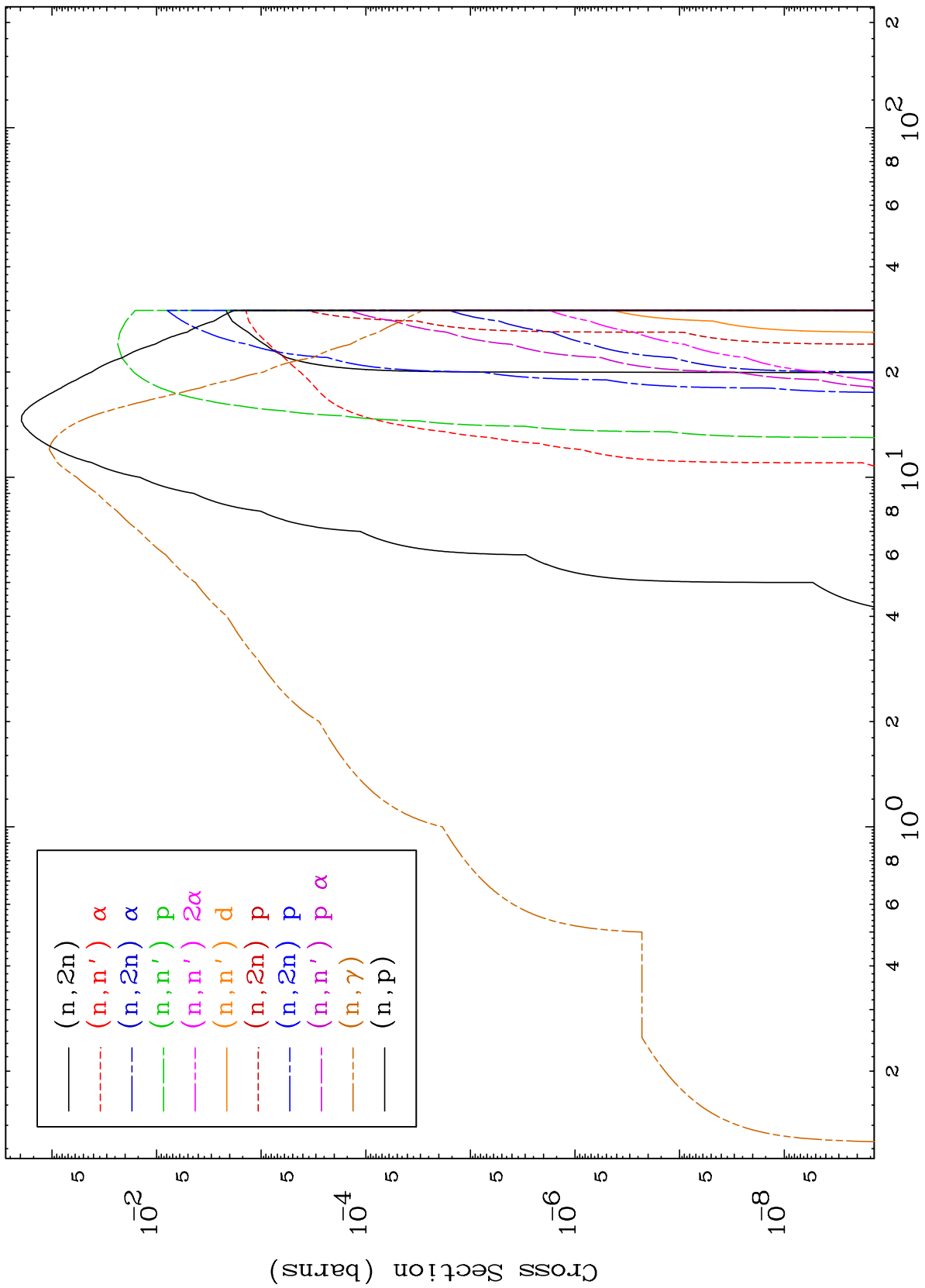
0 Kelvin Cross Sections



1

Incident Energy (MeV)

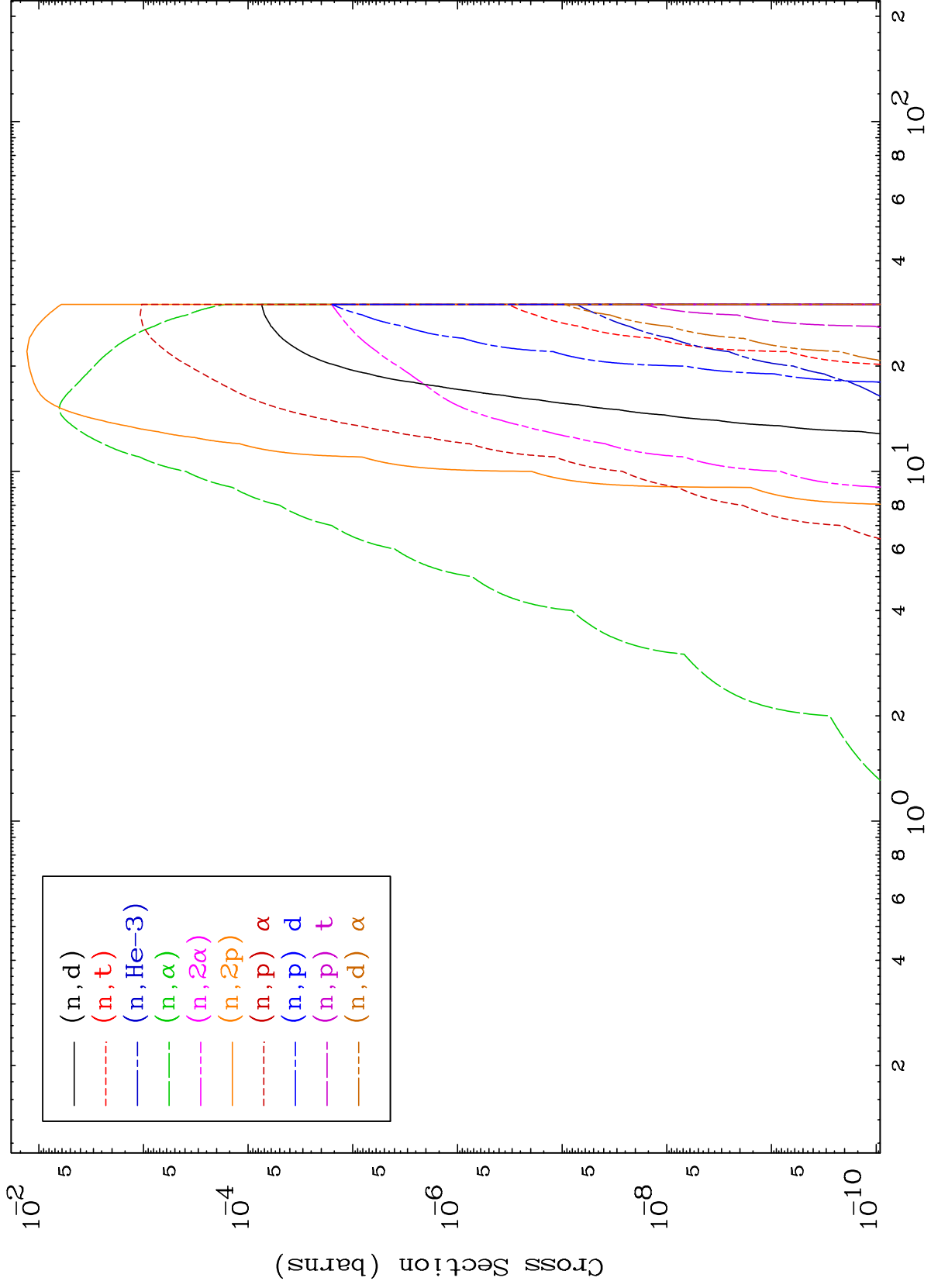
78-Pt-175

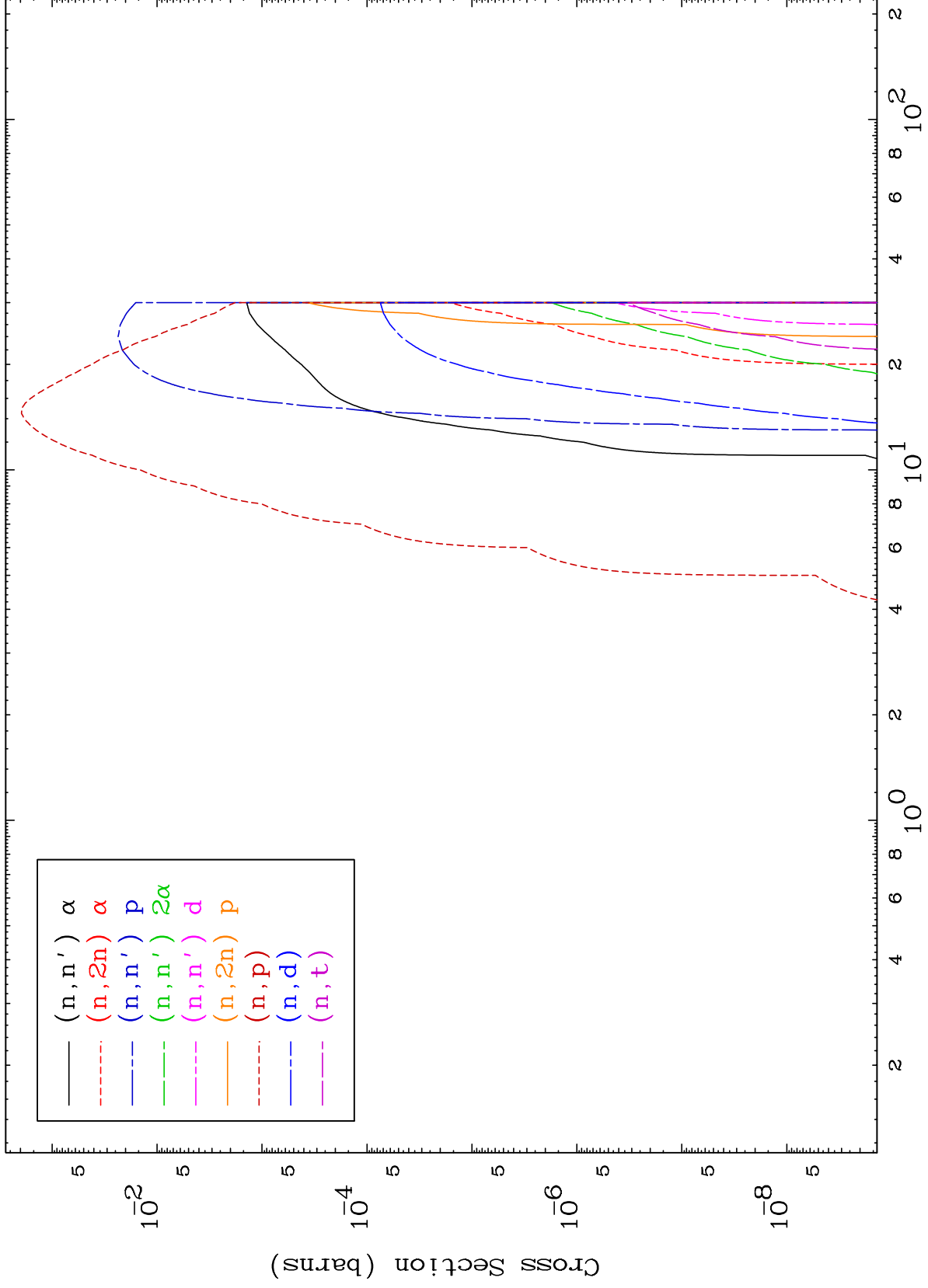


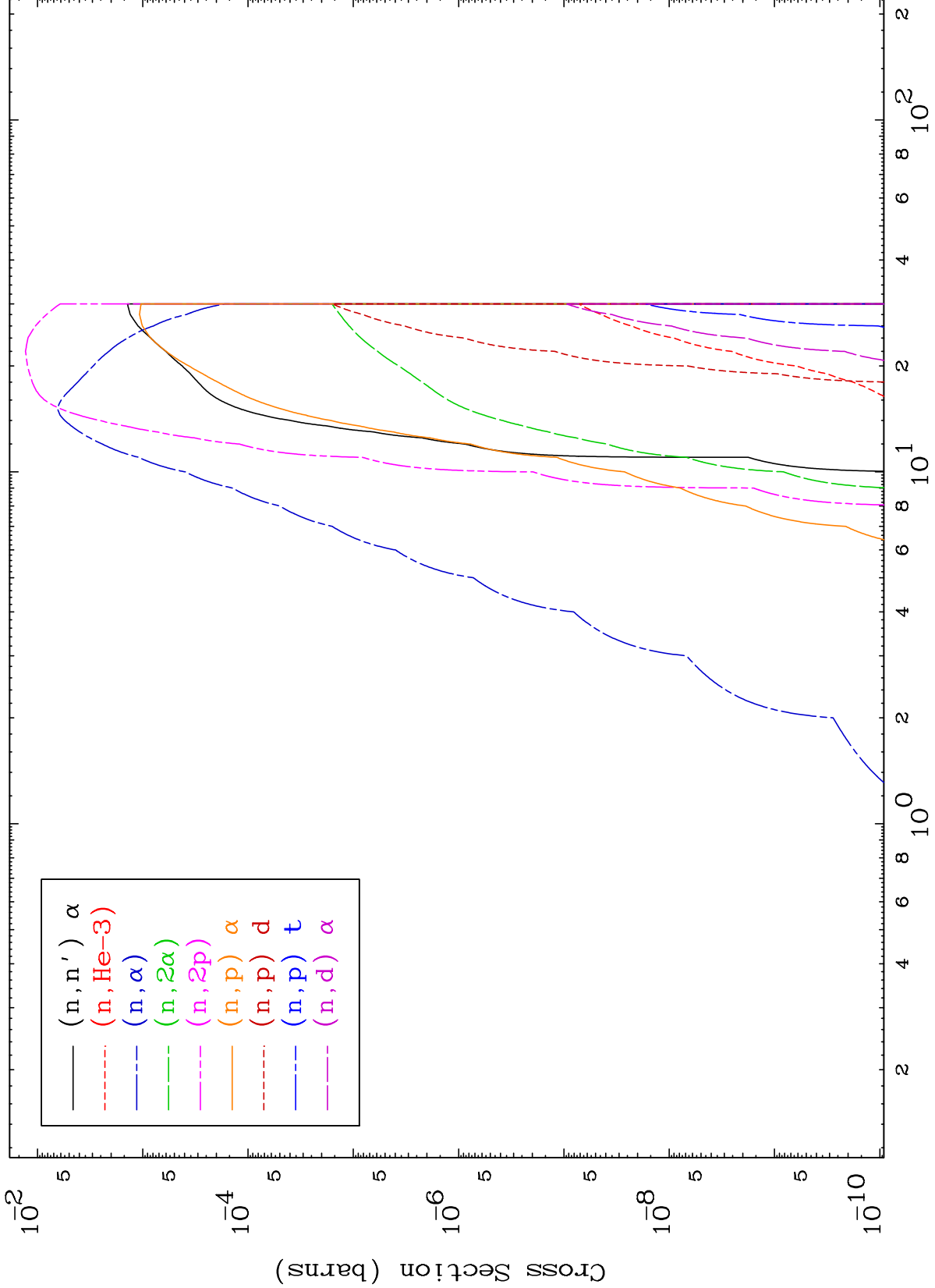
MAT 7780

Photon Neutron Absorption  
0 Kelvin Cross Sections

78-Pt-175





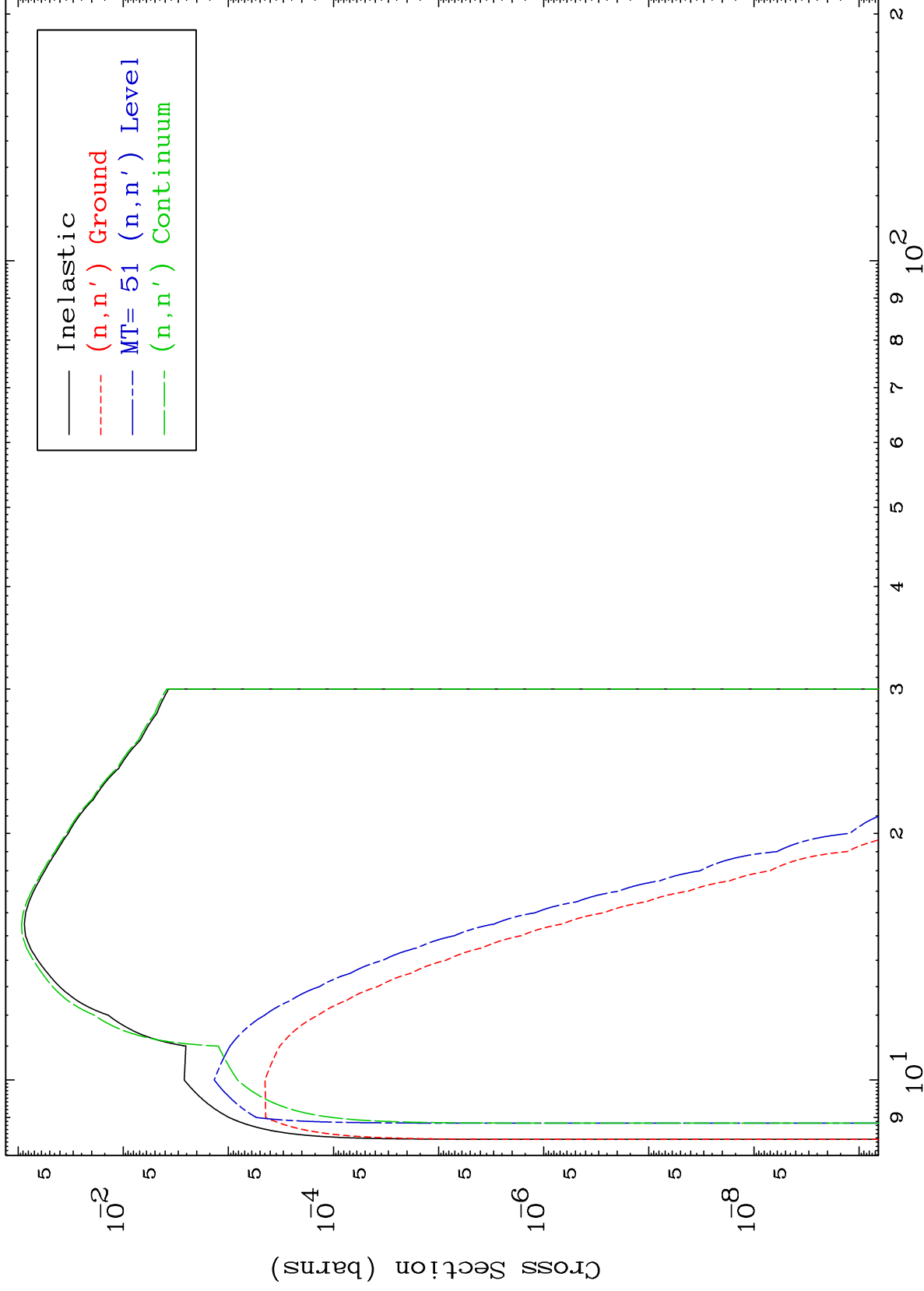


MAT 7780

( $\gamma, n'$ ) Levels

78-Pt-175

0 Kelvin Cross Sections



Incident Energy (MeV)

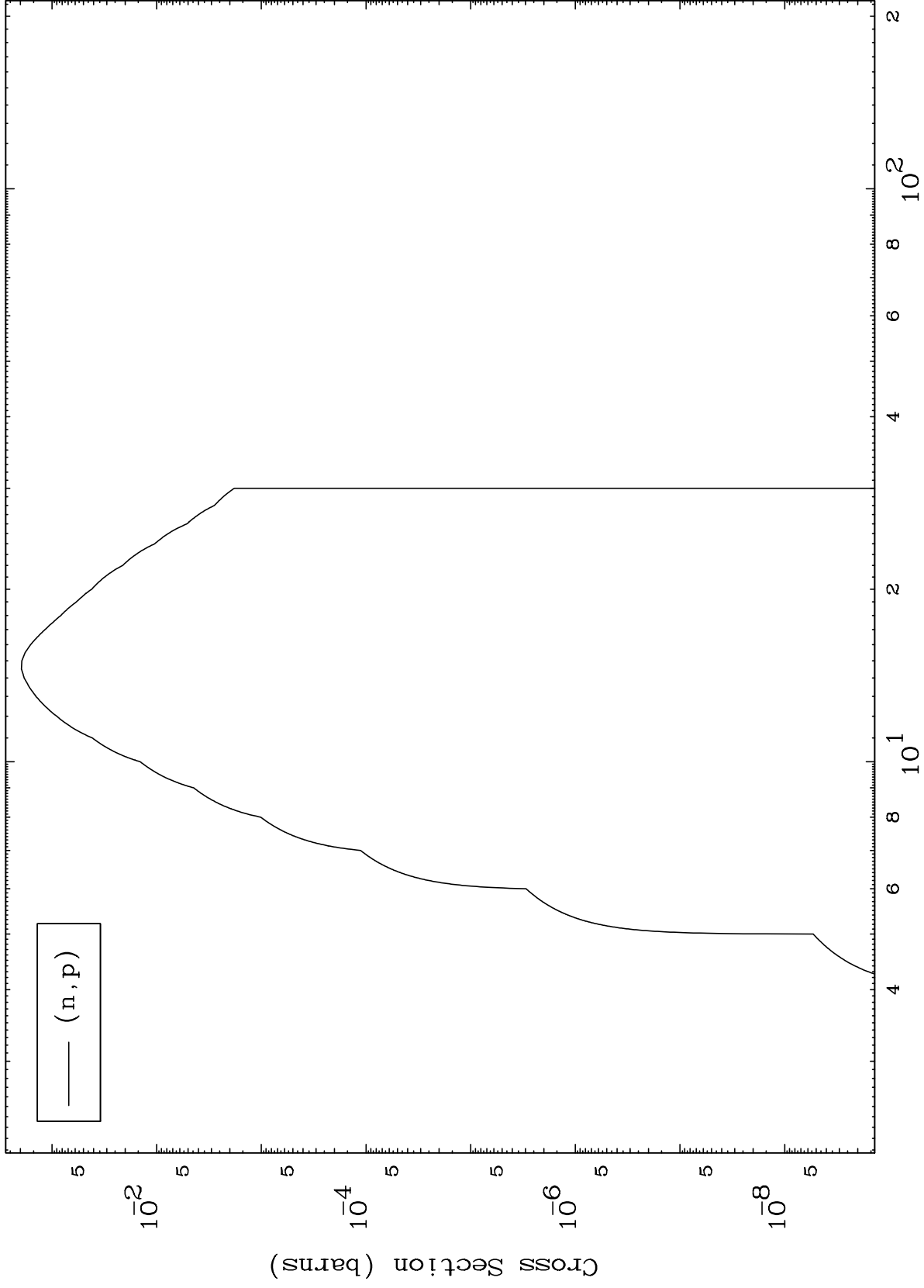
78-Pt-175

6

MAT 7780

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

78-Pt-175



7

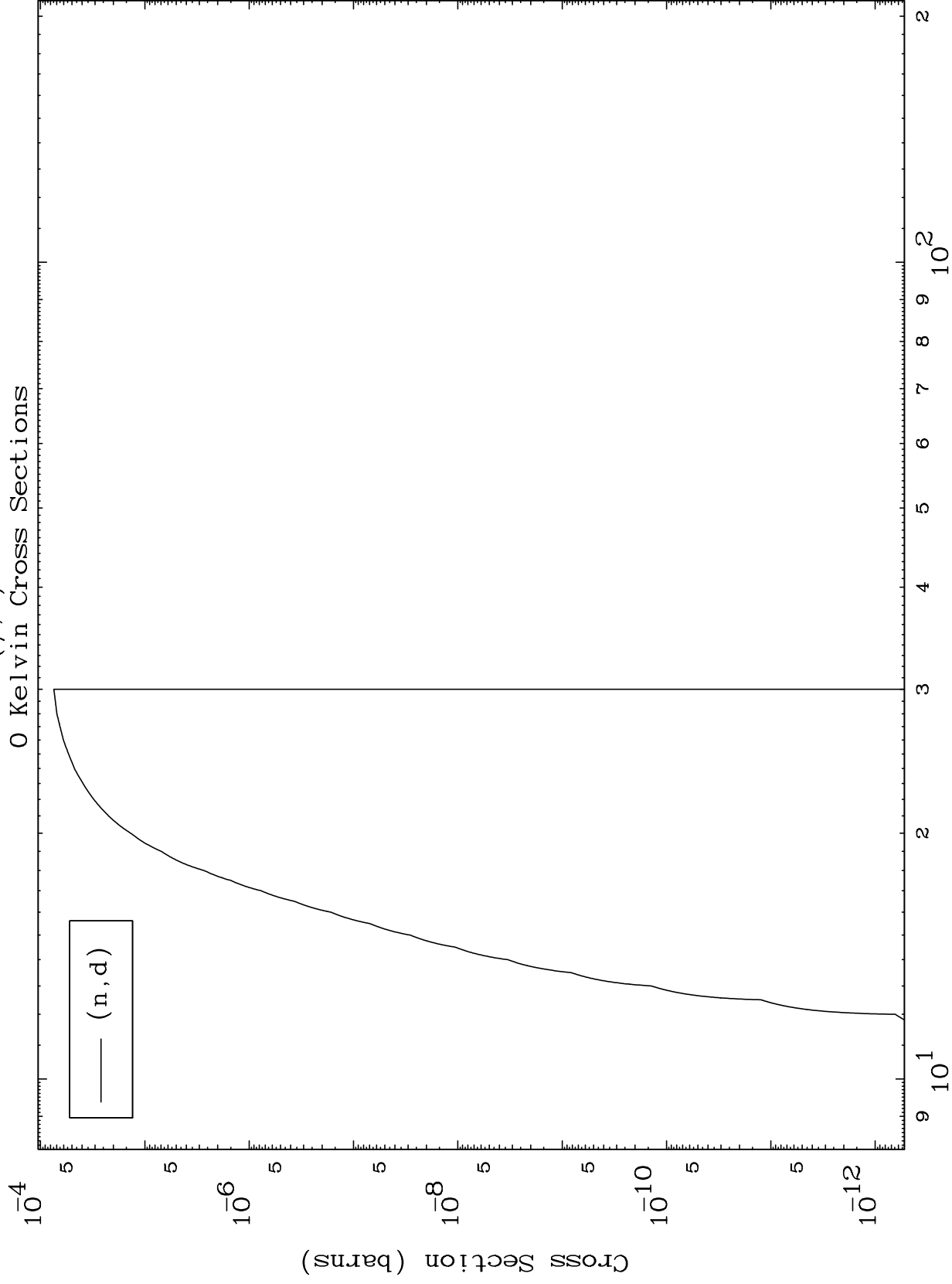
Incident Energy (MeV)

78-Pt-175

MAT 7780

( $\gamma, d$ ) Levels

78-Pt-175



Incident Energy (MeV)

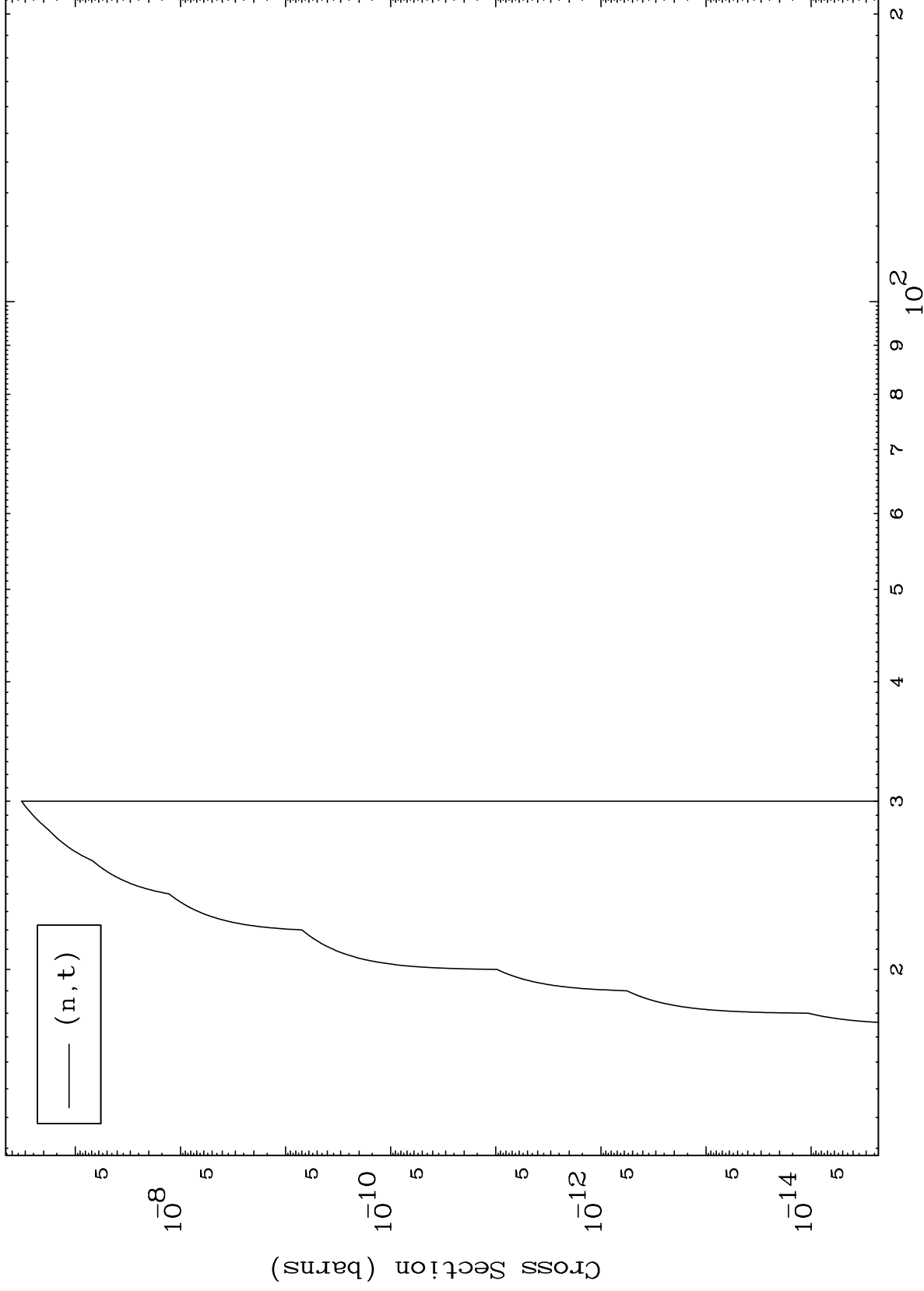
78-Pt-175

8

MAT 7780

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

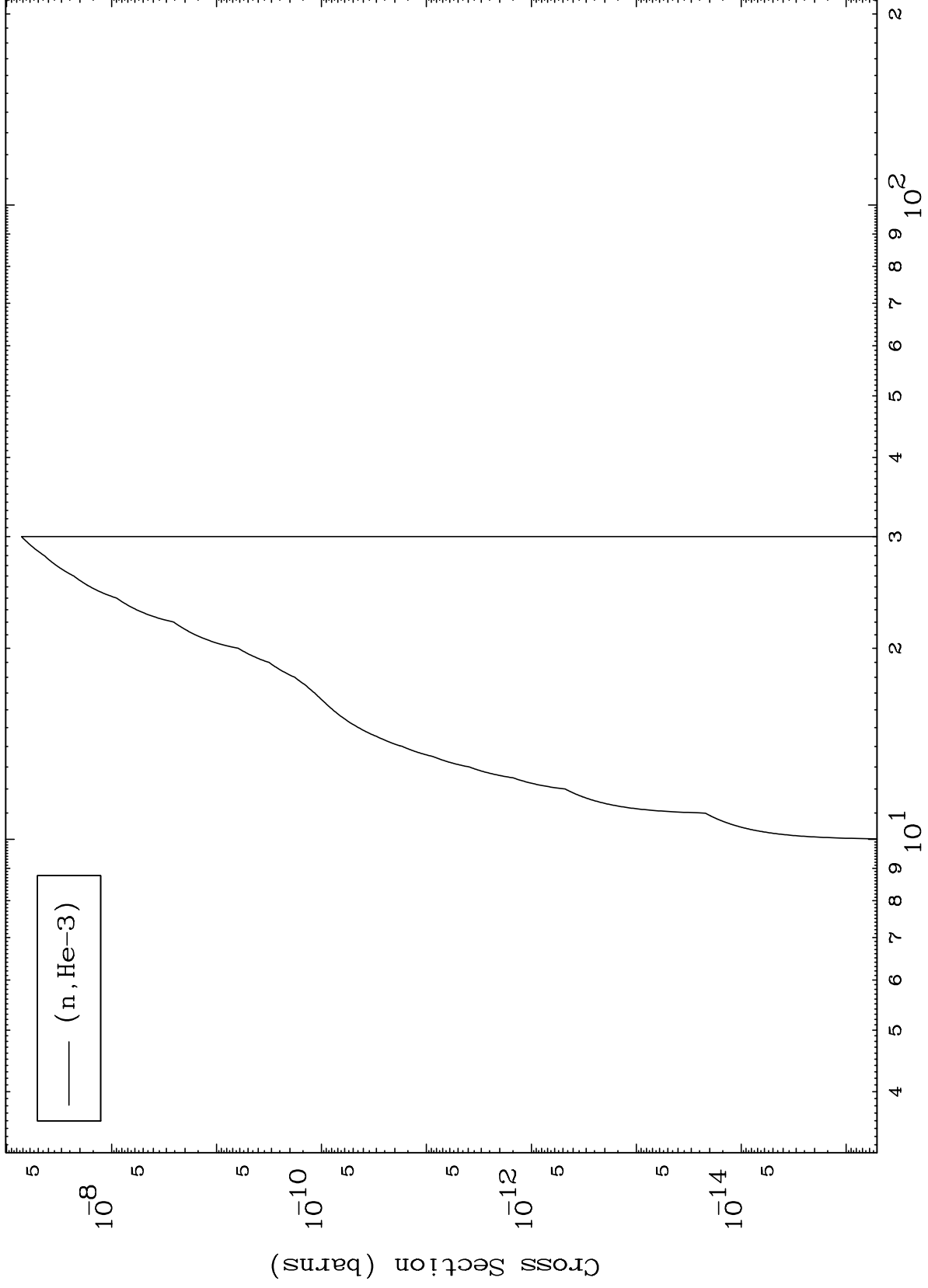
78-Pt-175



MAT 7780

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

78-Pt-175



10

Incident Energy (MeV)

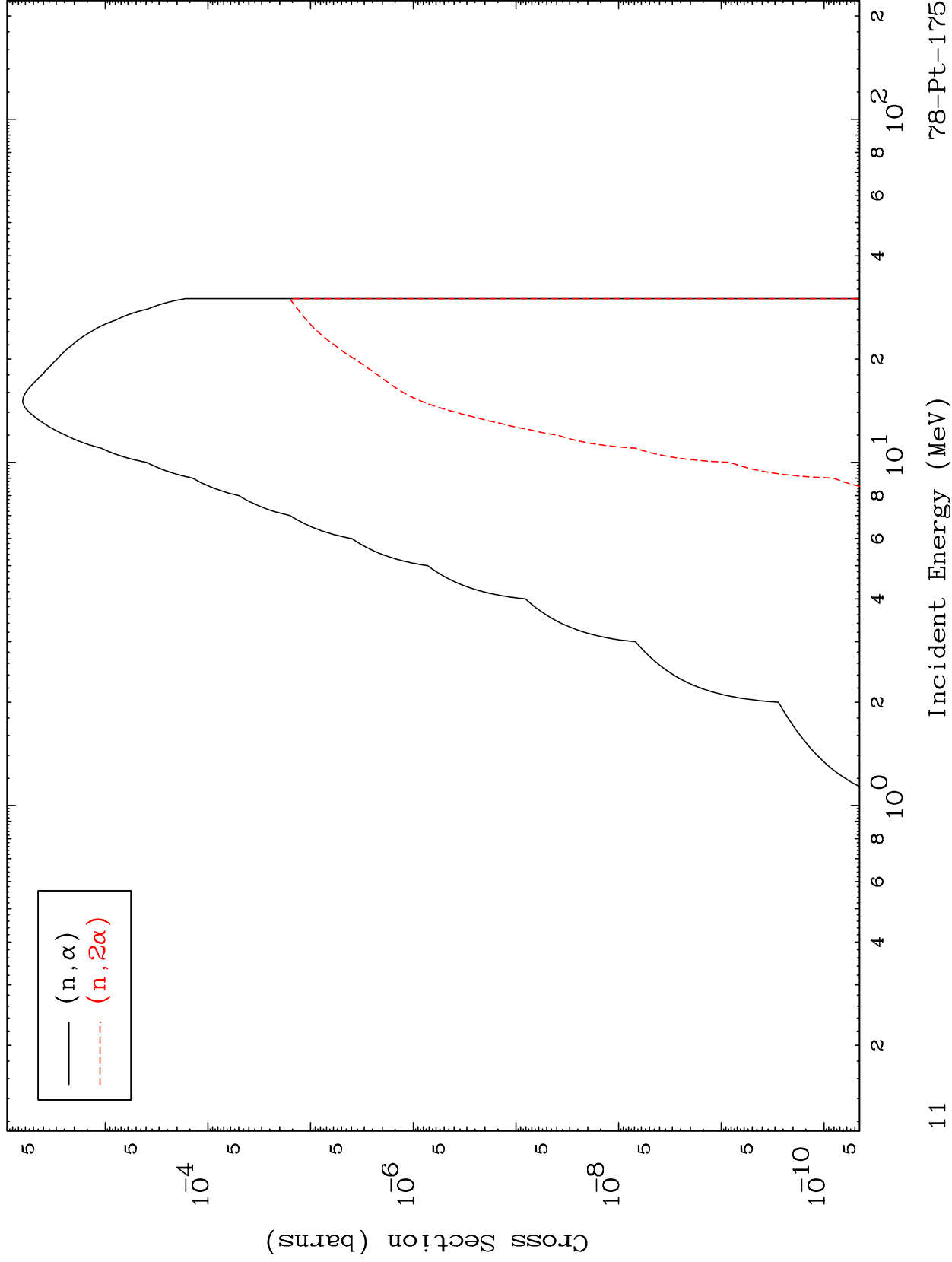
78-Pt-175

MAT 7780

( $\gamma, \alpha$ ) Levels

78-Pt-175

0 Kelvin Cross Sections

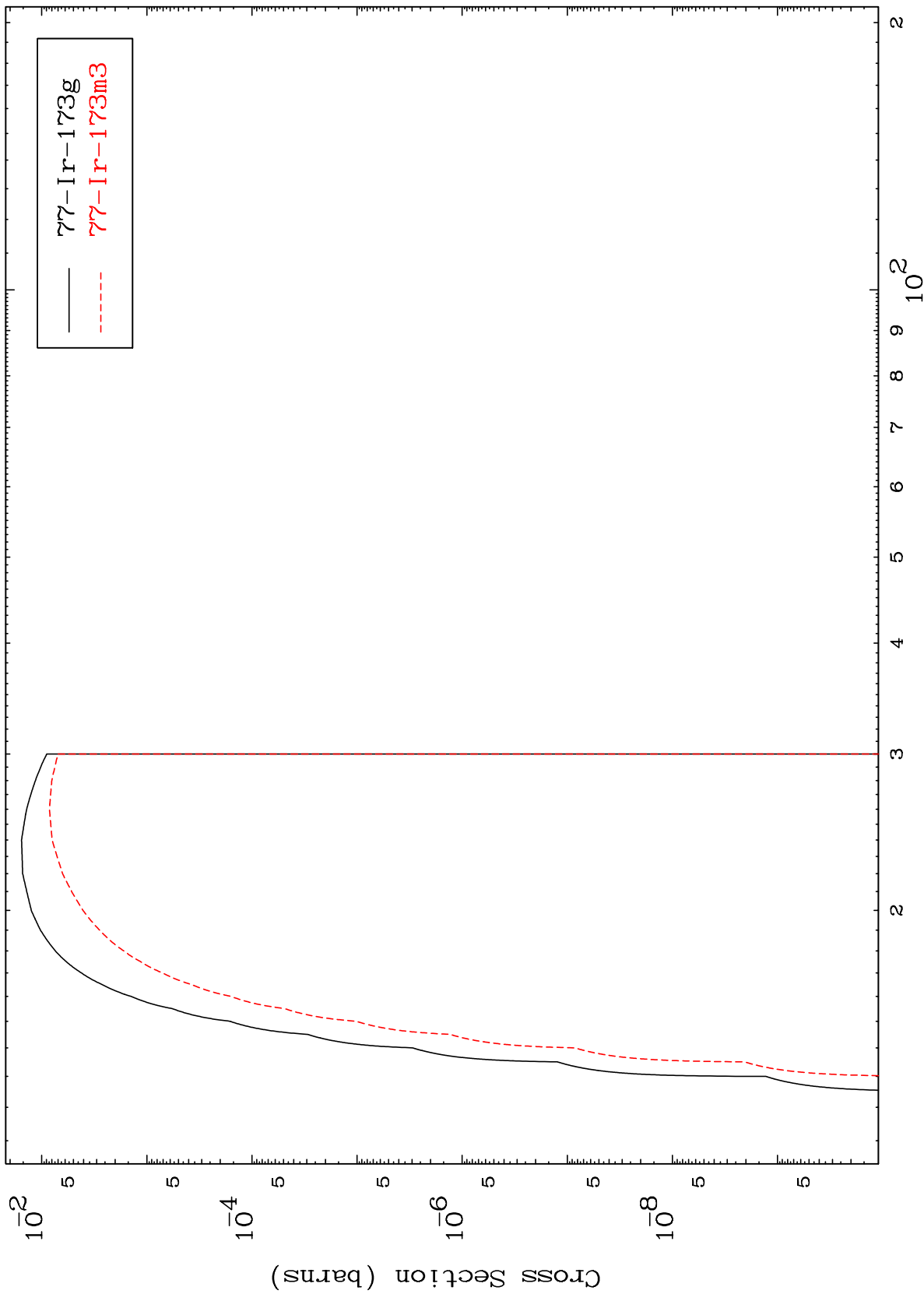


MAT 7780

(n,n') p

78-Pt-175

Radionuclide Production Cross Section



12

Incident Energy (MeV)

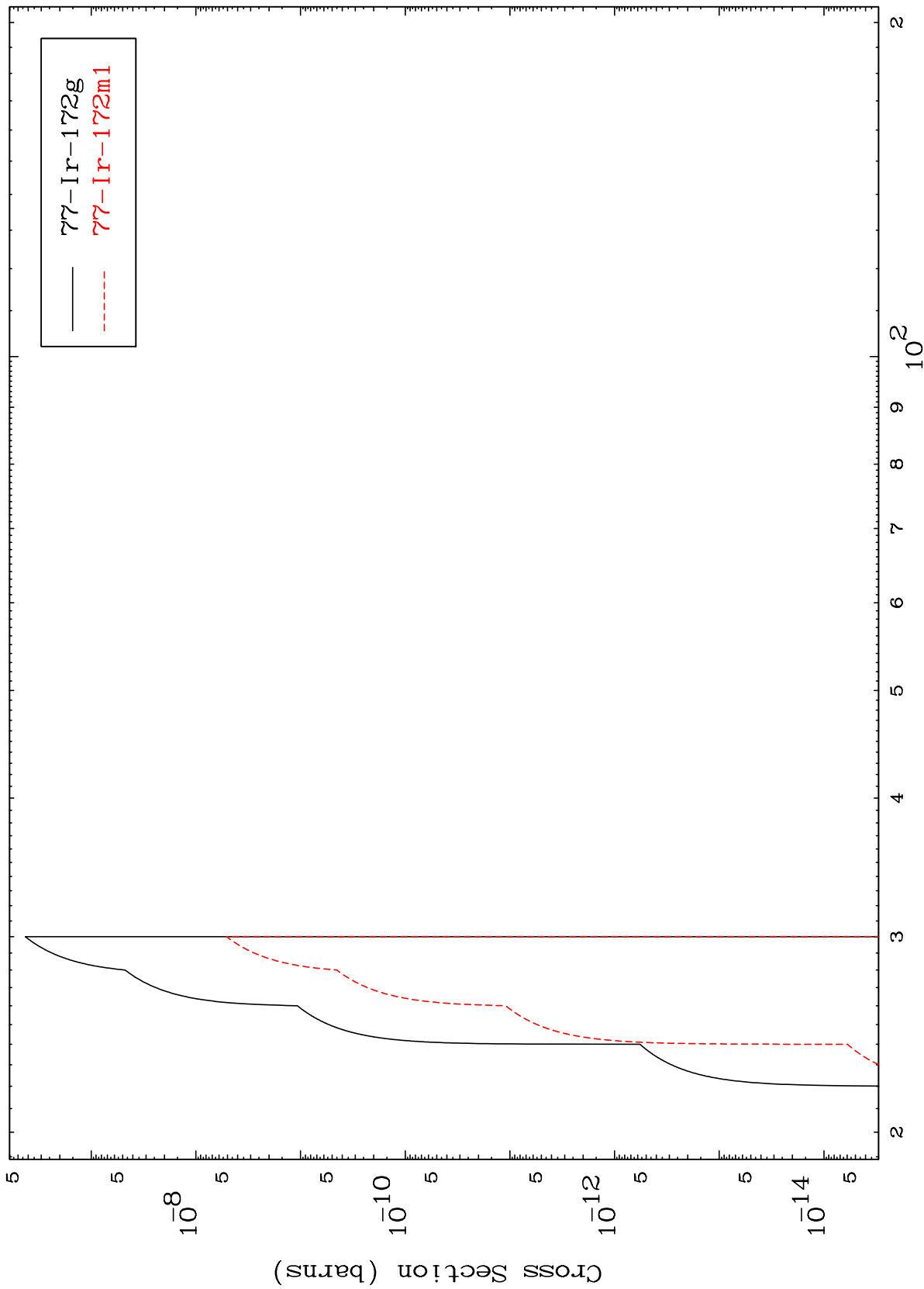
78-Pt-175

MAT 7780

(n,n') d

78-Pt-175

Radionuclide Production Cross Section



13

Incident Energy (MeV)

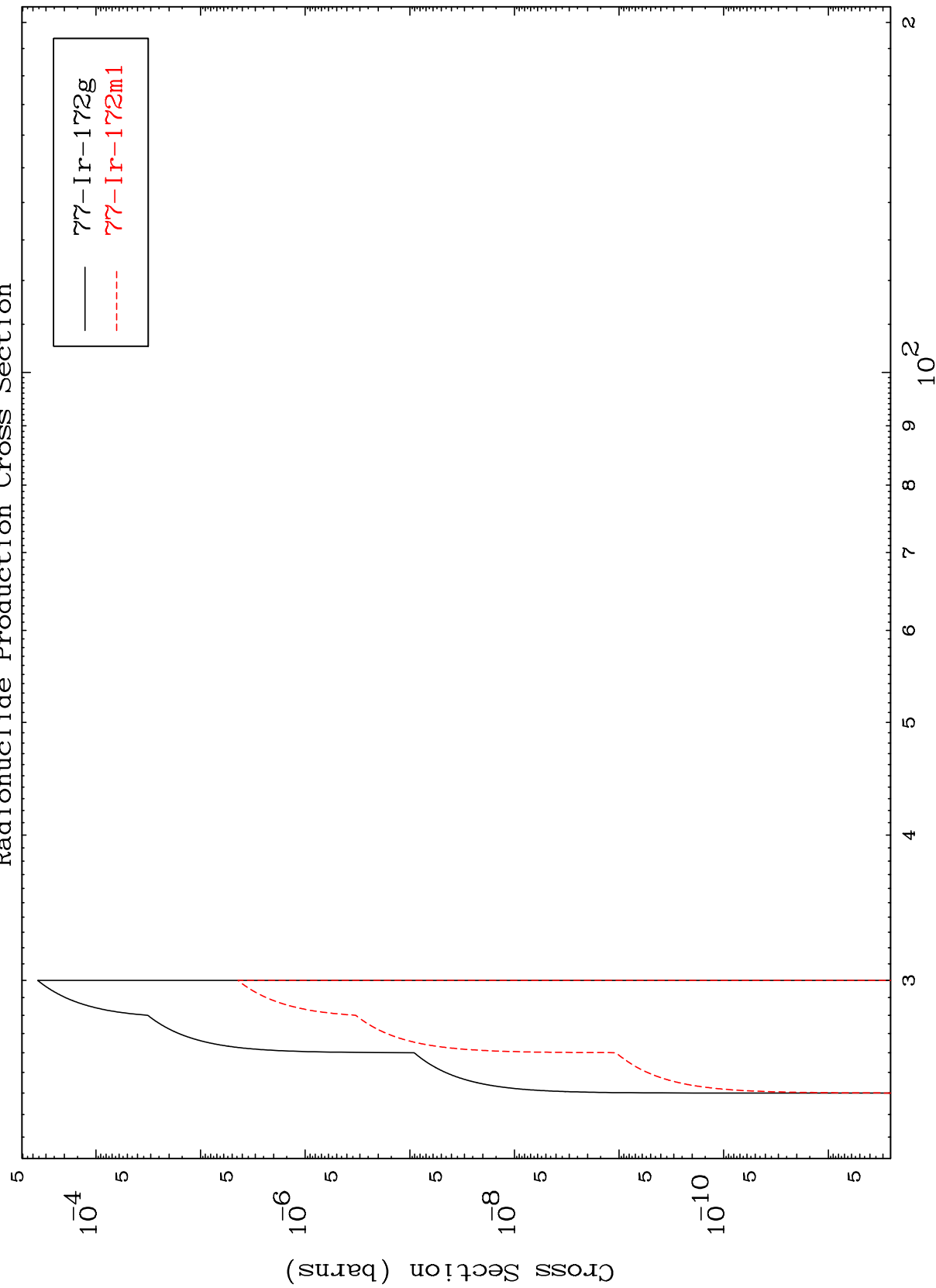
78-Pt-175

MAT 7780

(n,2n) p

78-Pt-175

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-175

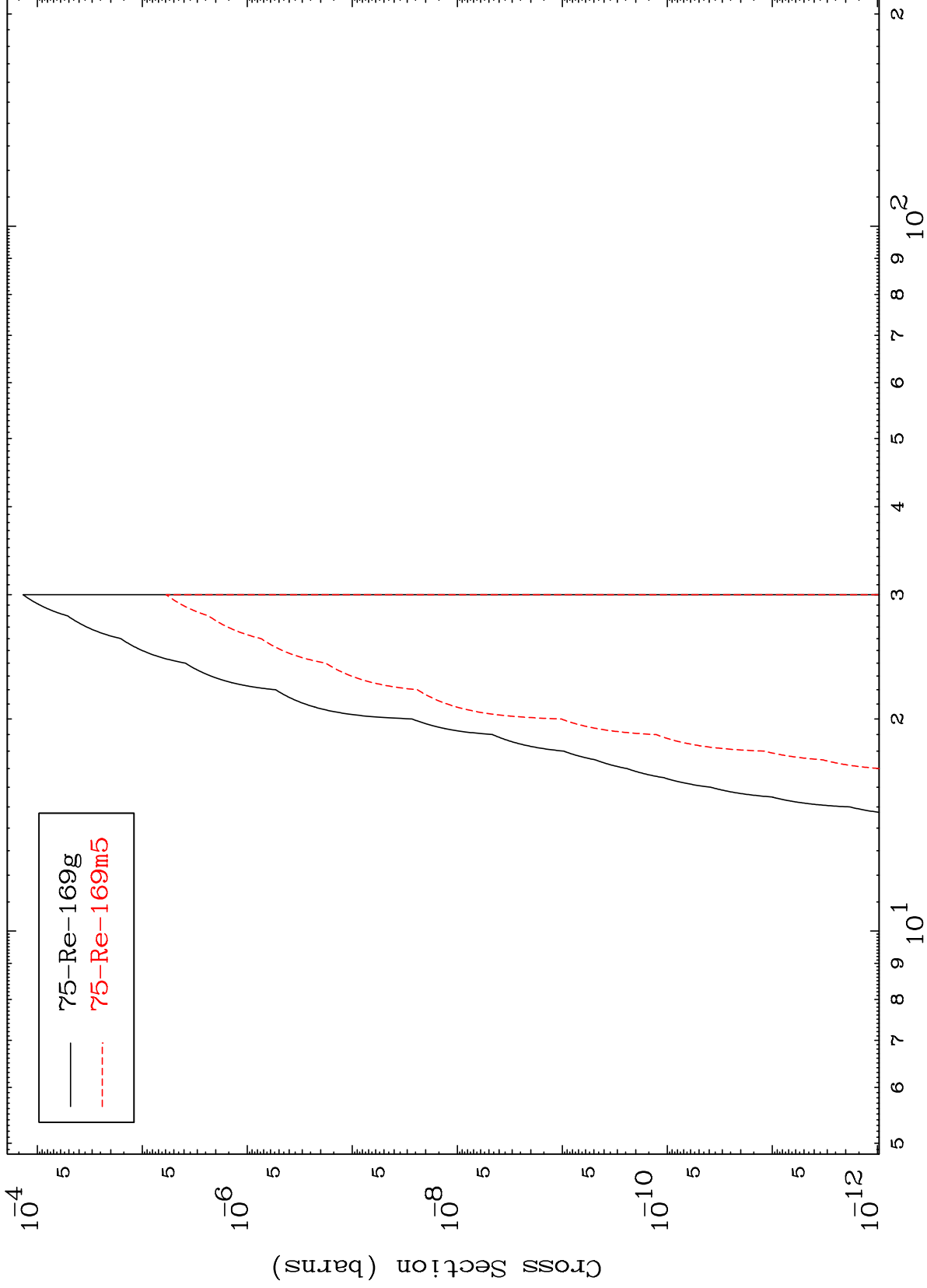
14

MAT 7780

(n,n') p  $\alpha$

78-Pt-175

Radionuclide Production Cross Section



75-Re-169g  
75-Re-169m5

15

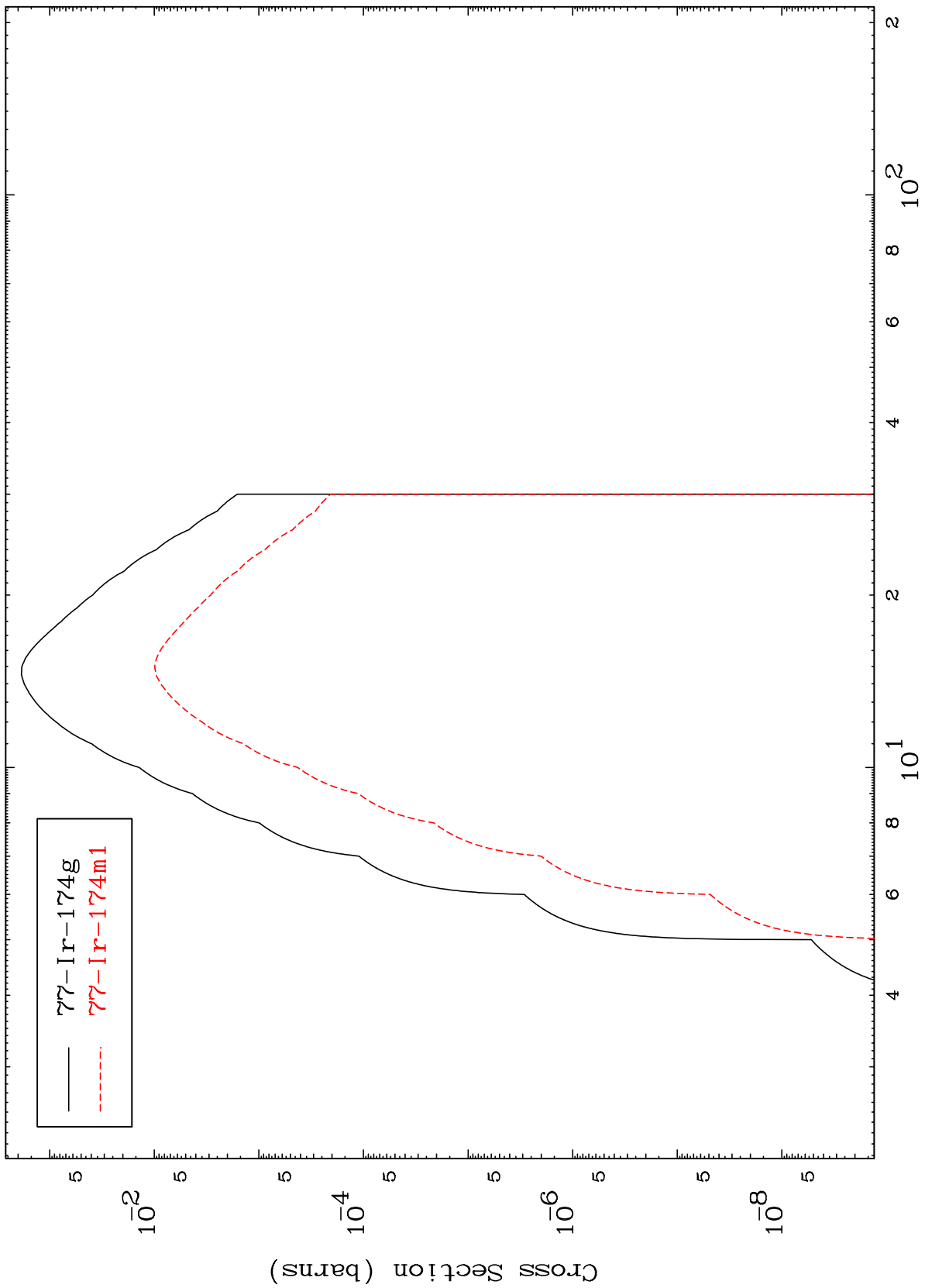
Incident Energy (MeV)

78-Pt-175

MAT 7780

78-Pt-175

(n,p)  
Radionuclide Production Cross Section



—  $^{77}\text{Ir-174g}$   
- - -  $^{77}\text{Ir-174m1}$

78-Pt-175

Incident Energy (MeV)

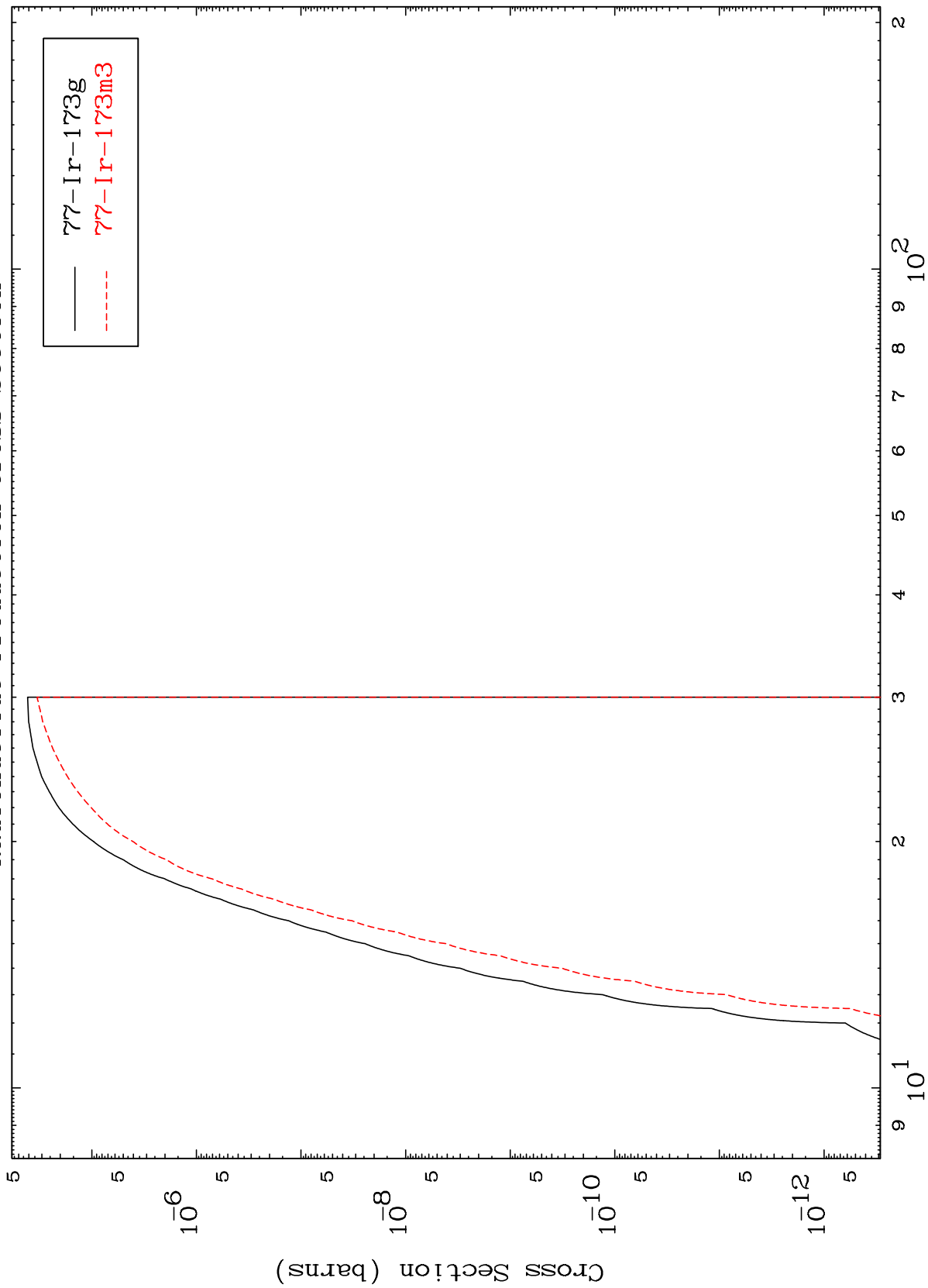
16

MAT 7780

(n,d)

78-Pt-175

Radionuclide Production Cross Section

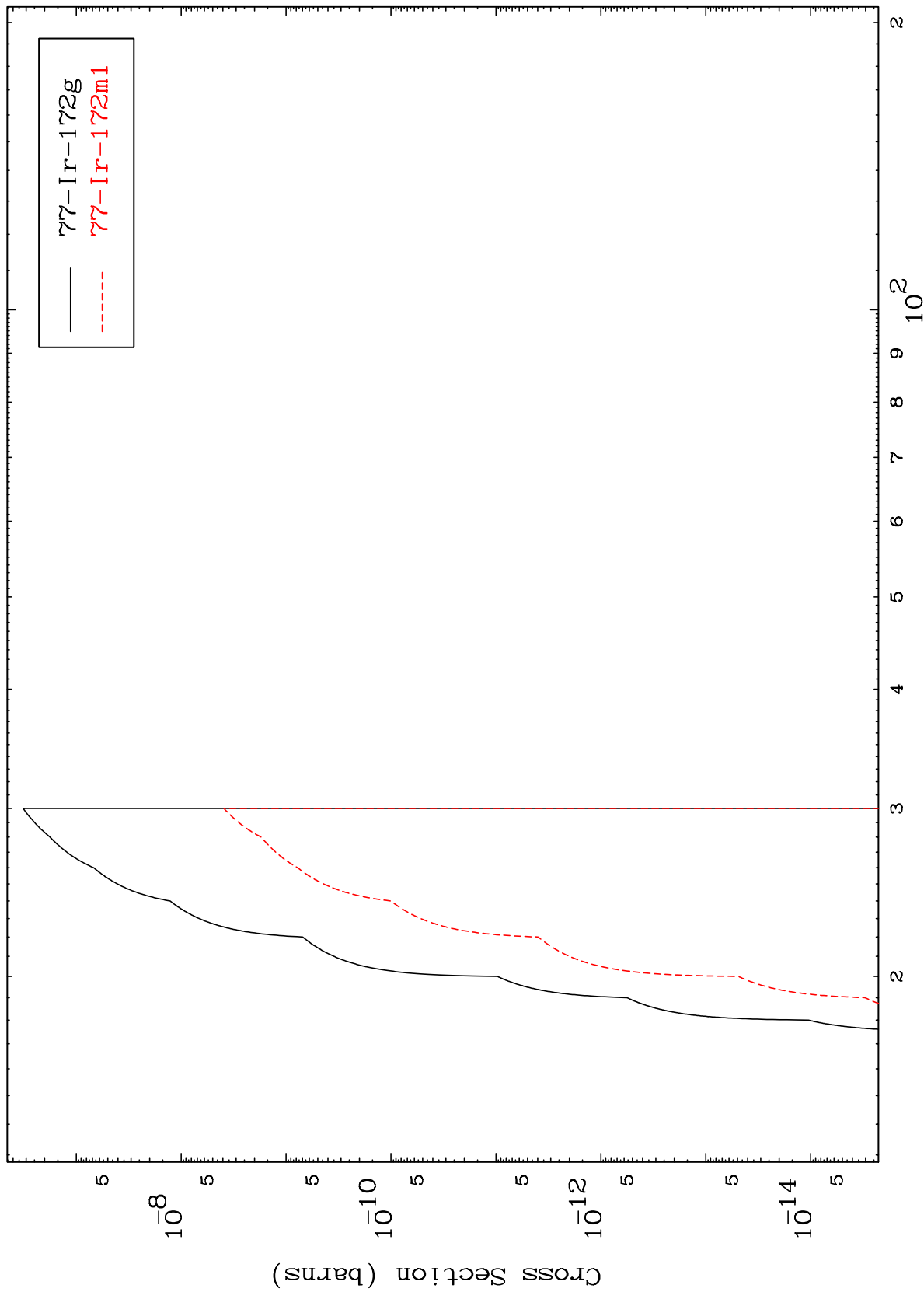


17

Incident Energy (MeV)

78-Pt-175

Radionuclide Production Cross Section

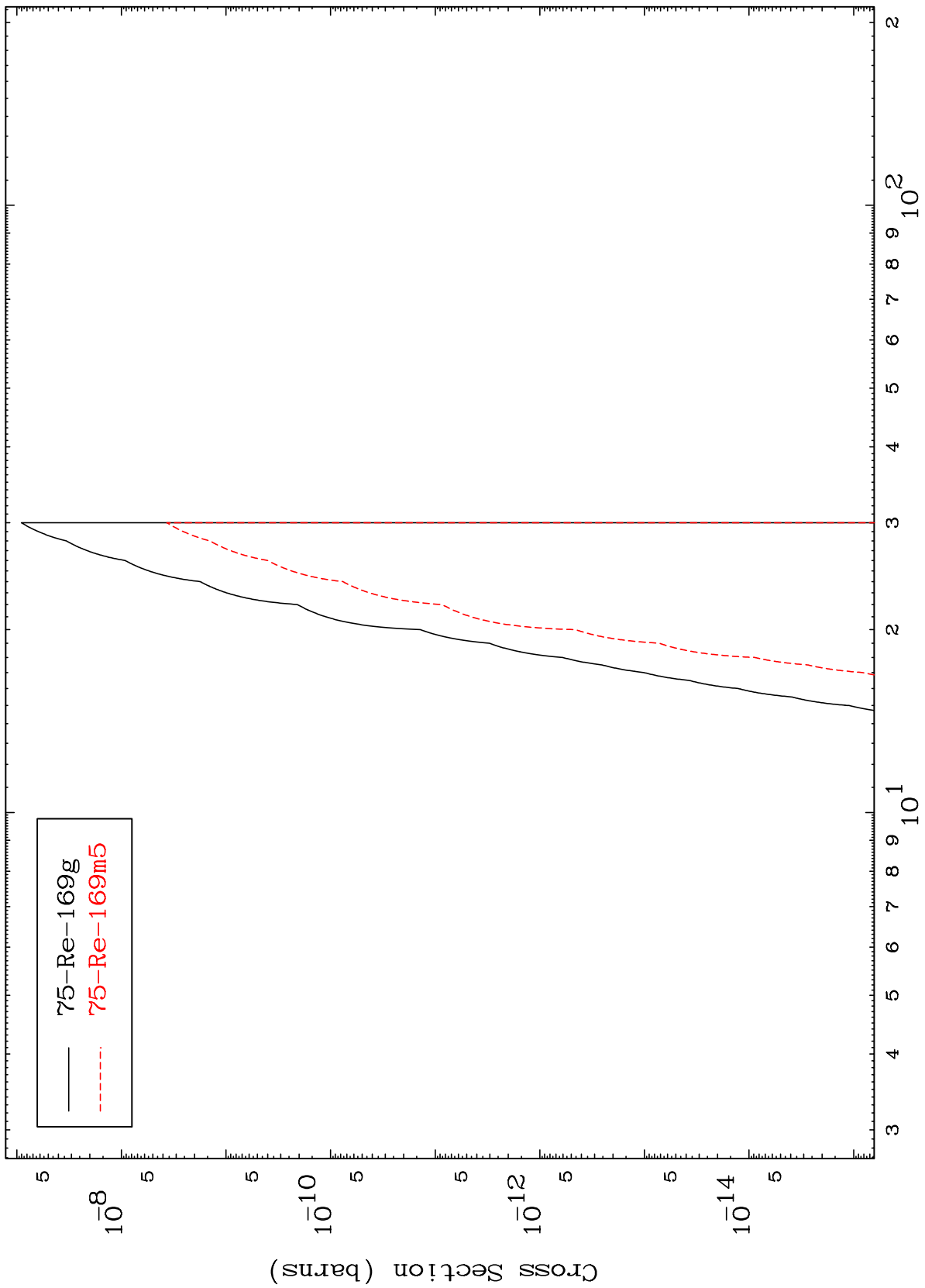


MAT 7780

(n,d)  $\alpha$

78-Pt-175

Radionuclide Production Cross Section



19

Incident Energy (MeV)

78-Pt-175