

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

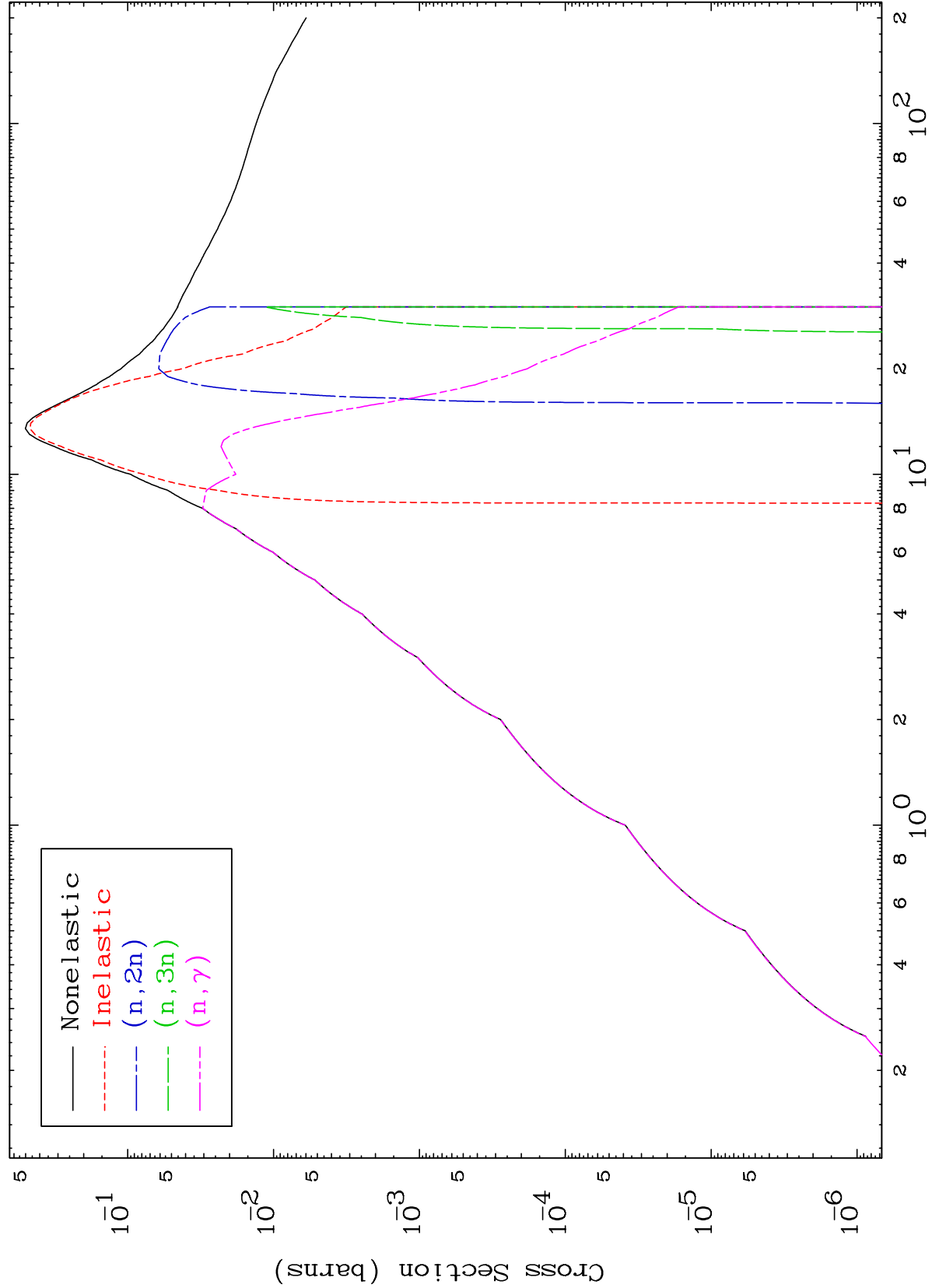
Press Mouse Button to Start

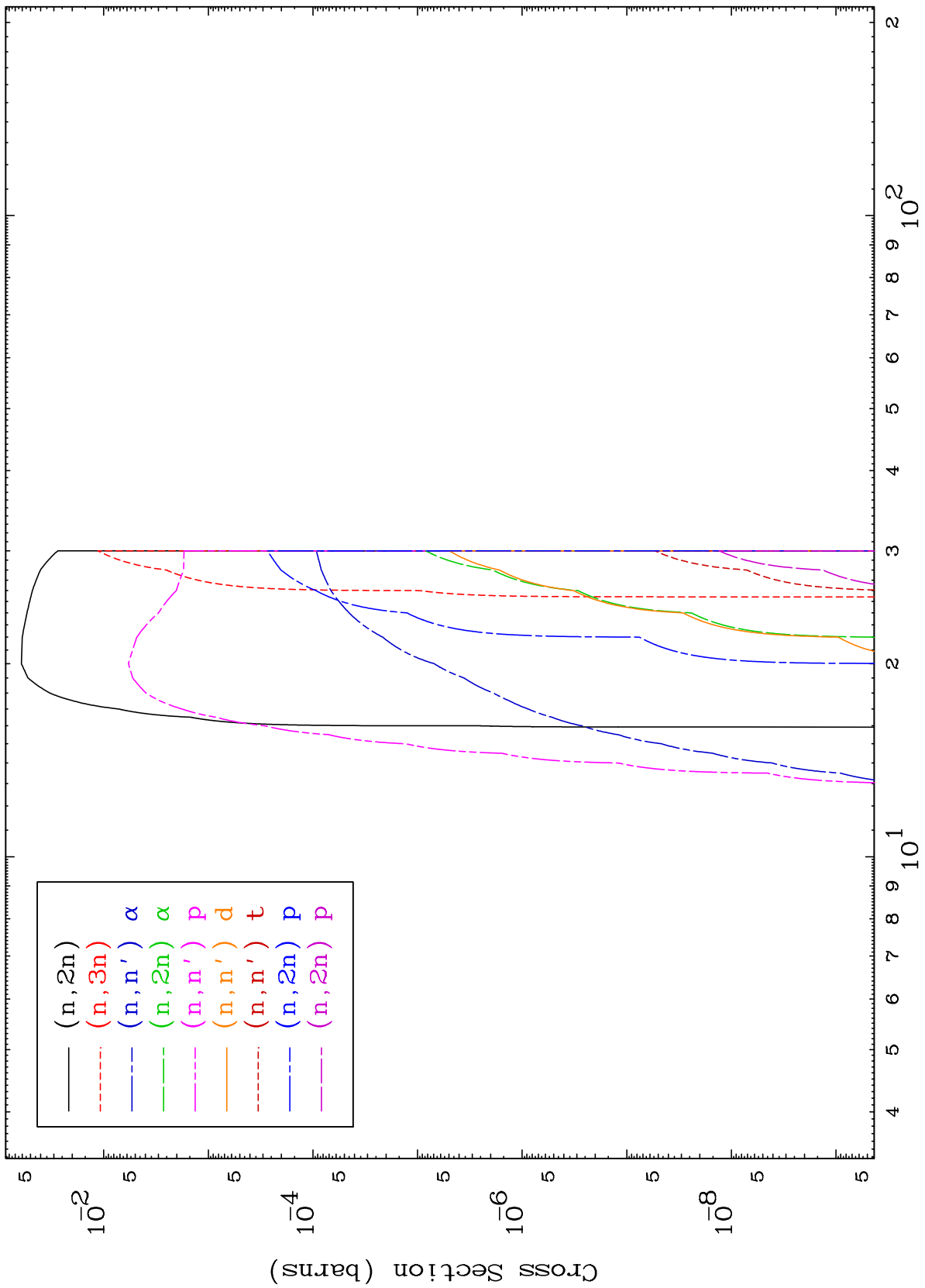
MAT 8302

Photon Major

83-Bi-201m

0 Kelvin Cross Sections

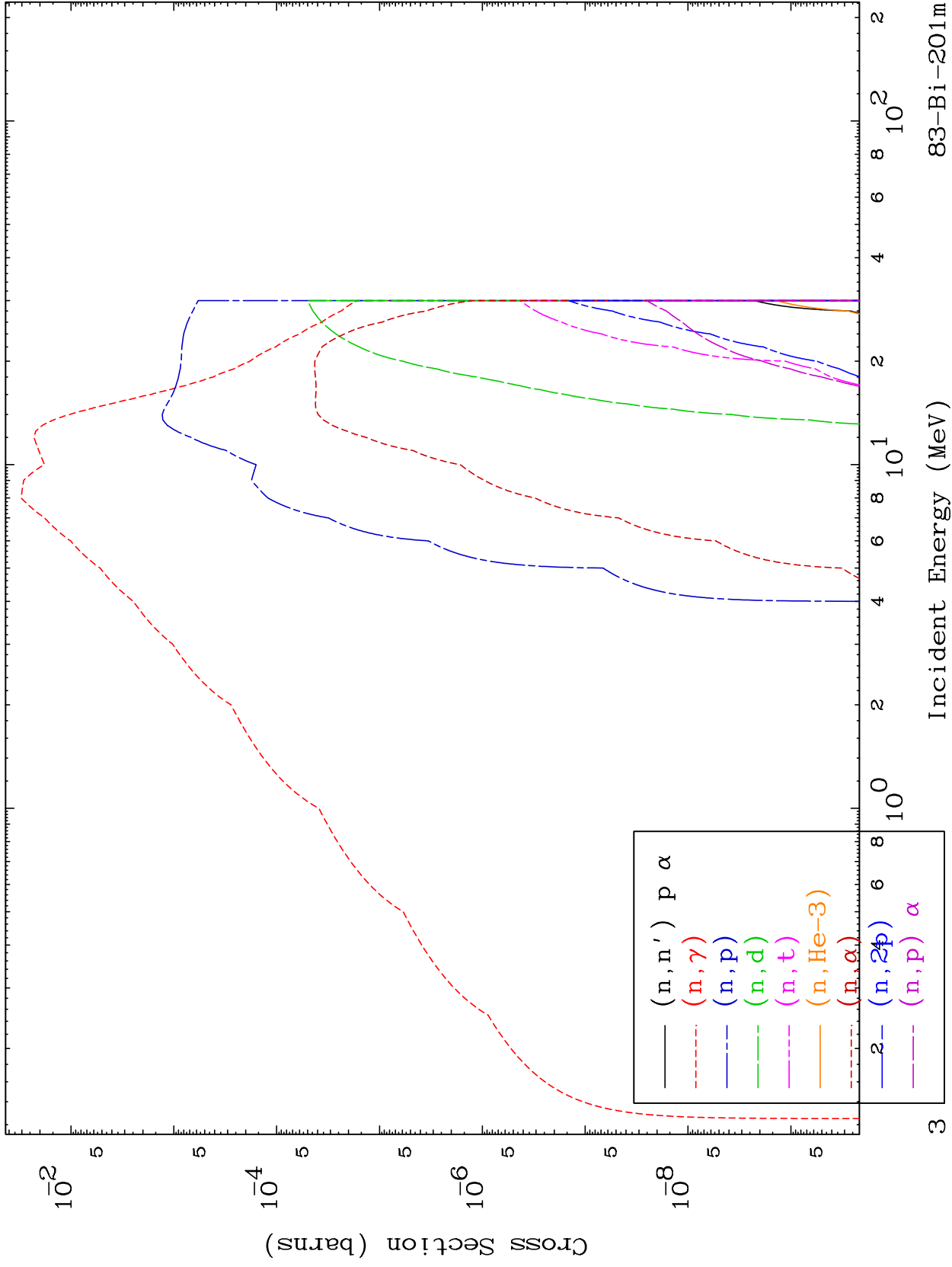


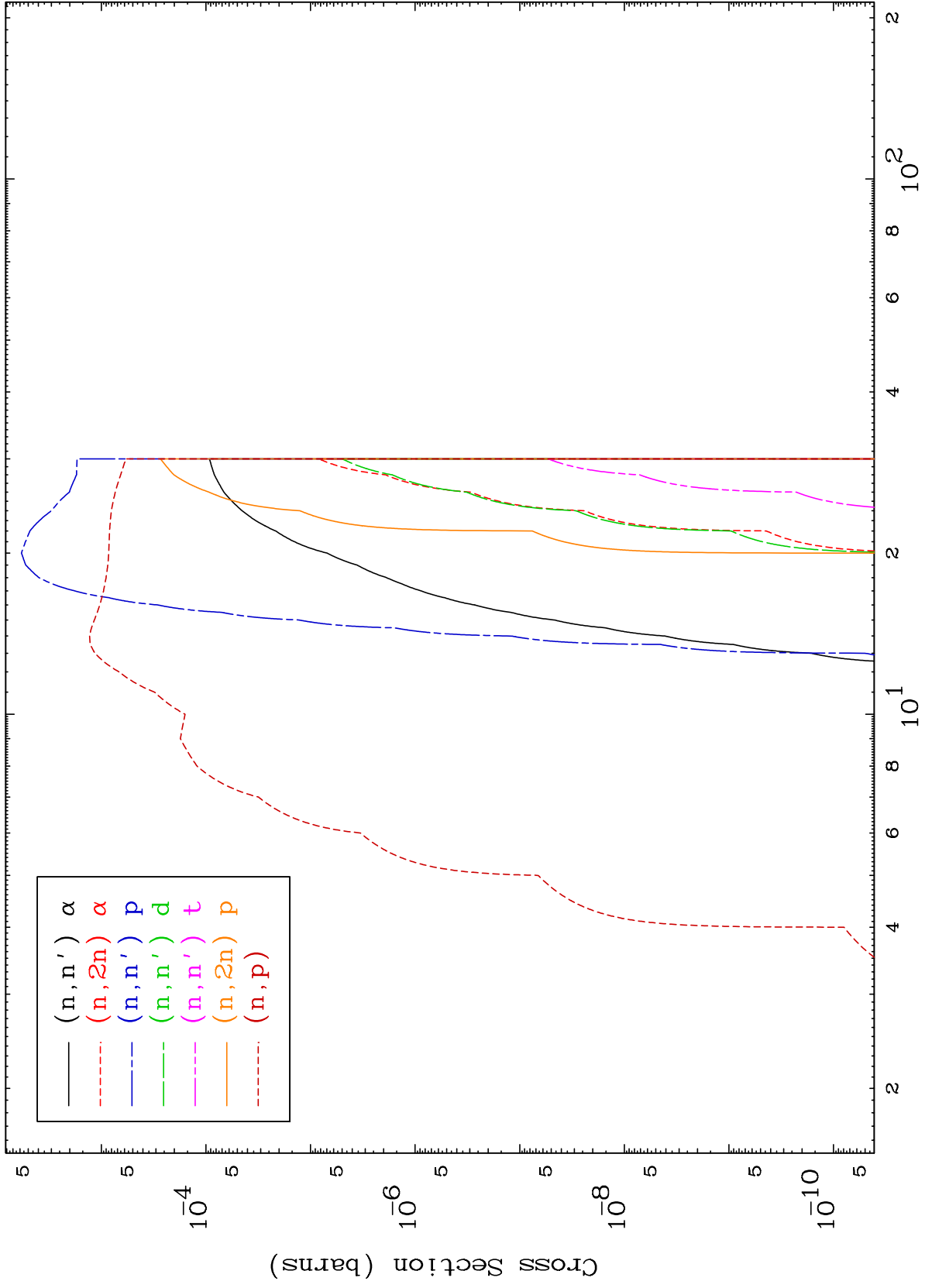


MAT 8302

Photon Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-201m

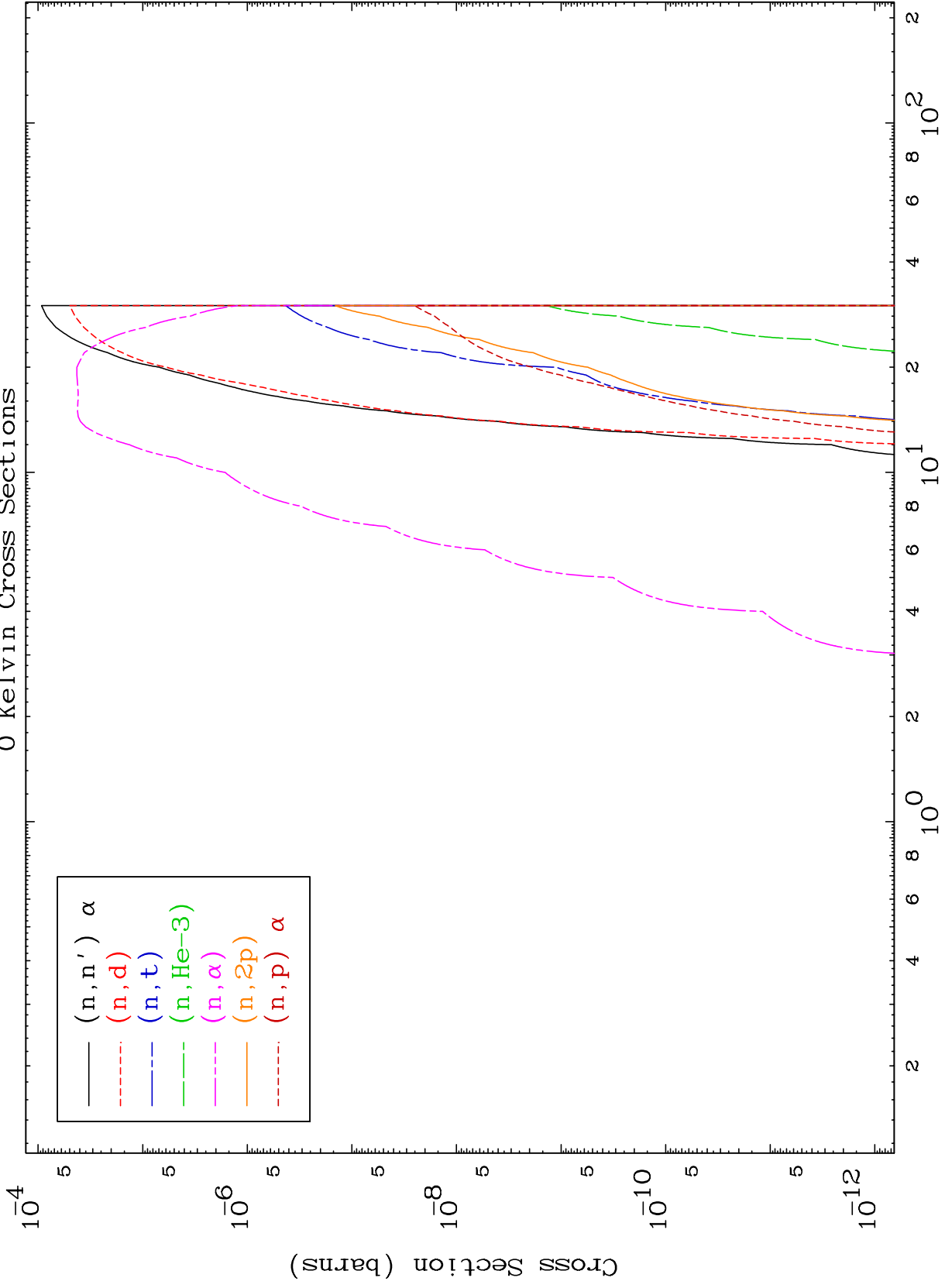




MAT 8302

Photon Charged Particle  
0 Kelvin Cross Sections

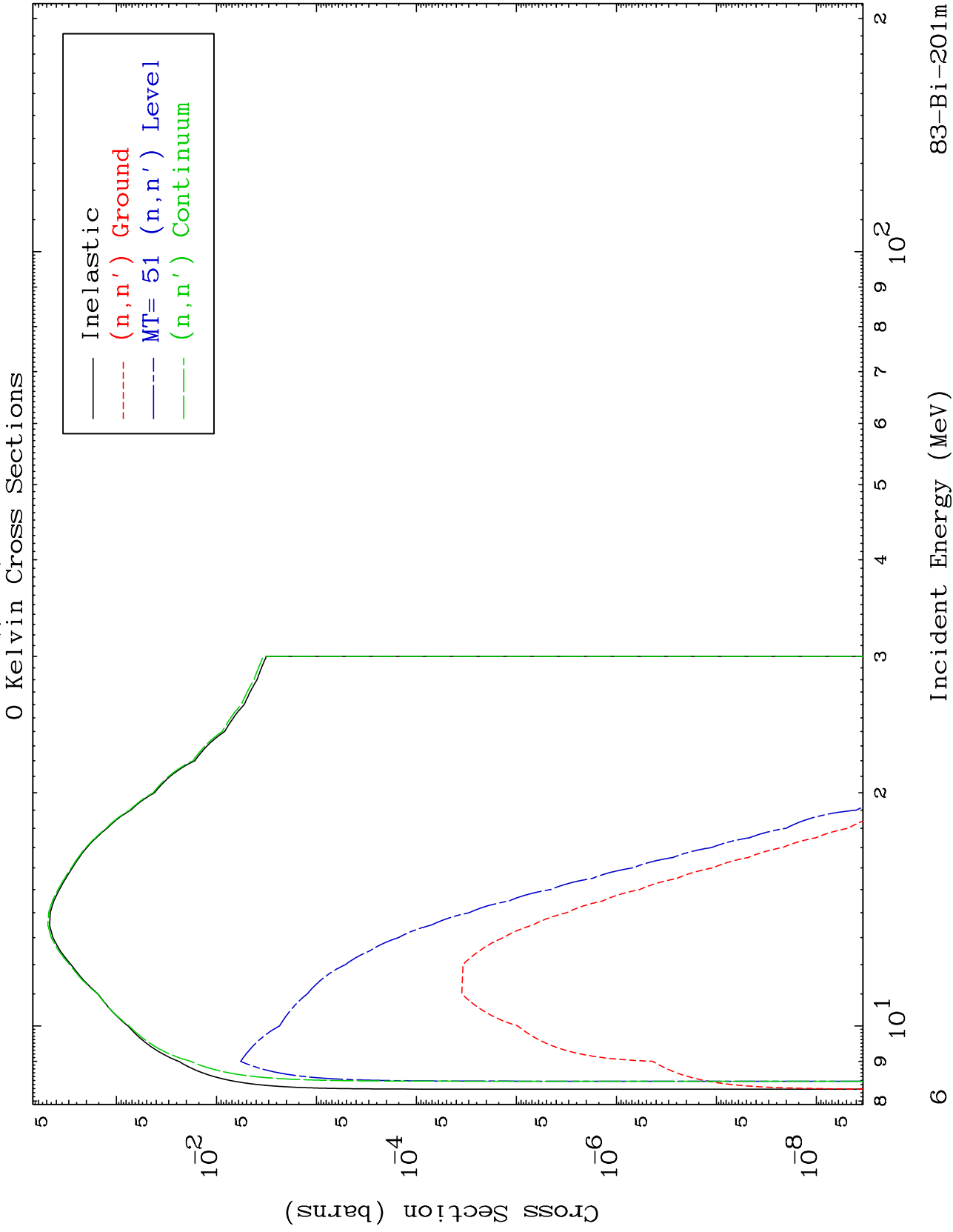
83-Bi-201m



MAT 8302

( $\gamma, n'$ ) Levels

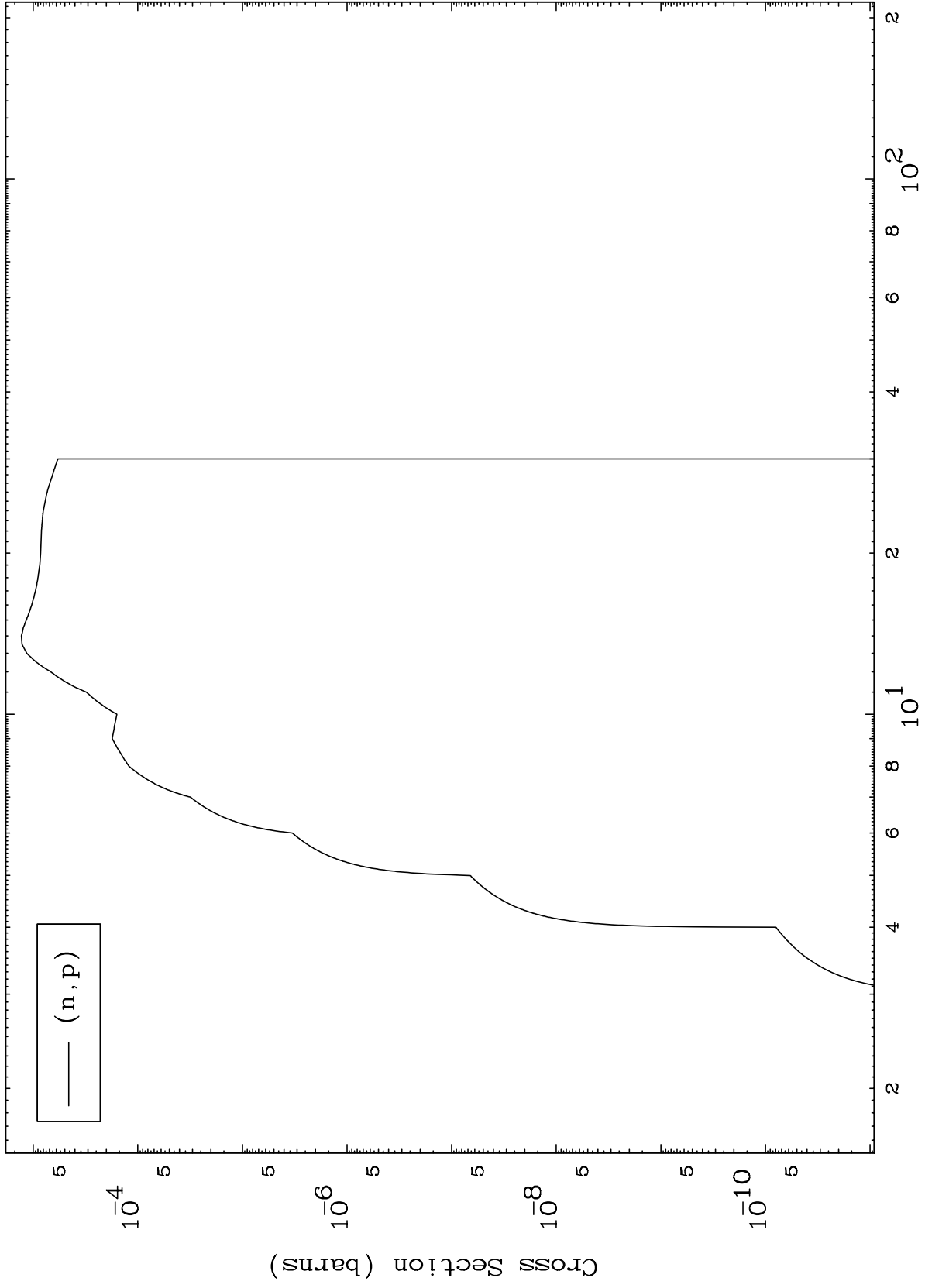
83-Bi-201m



MAT 8302

83-Bi-201m

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



7

Incident Energy (MeV)

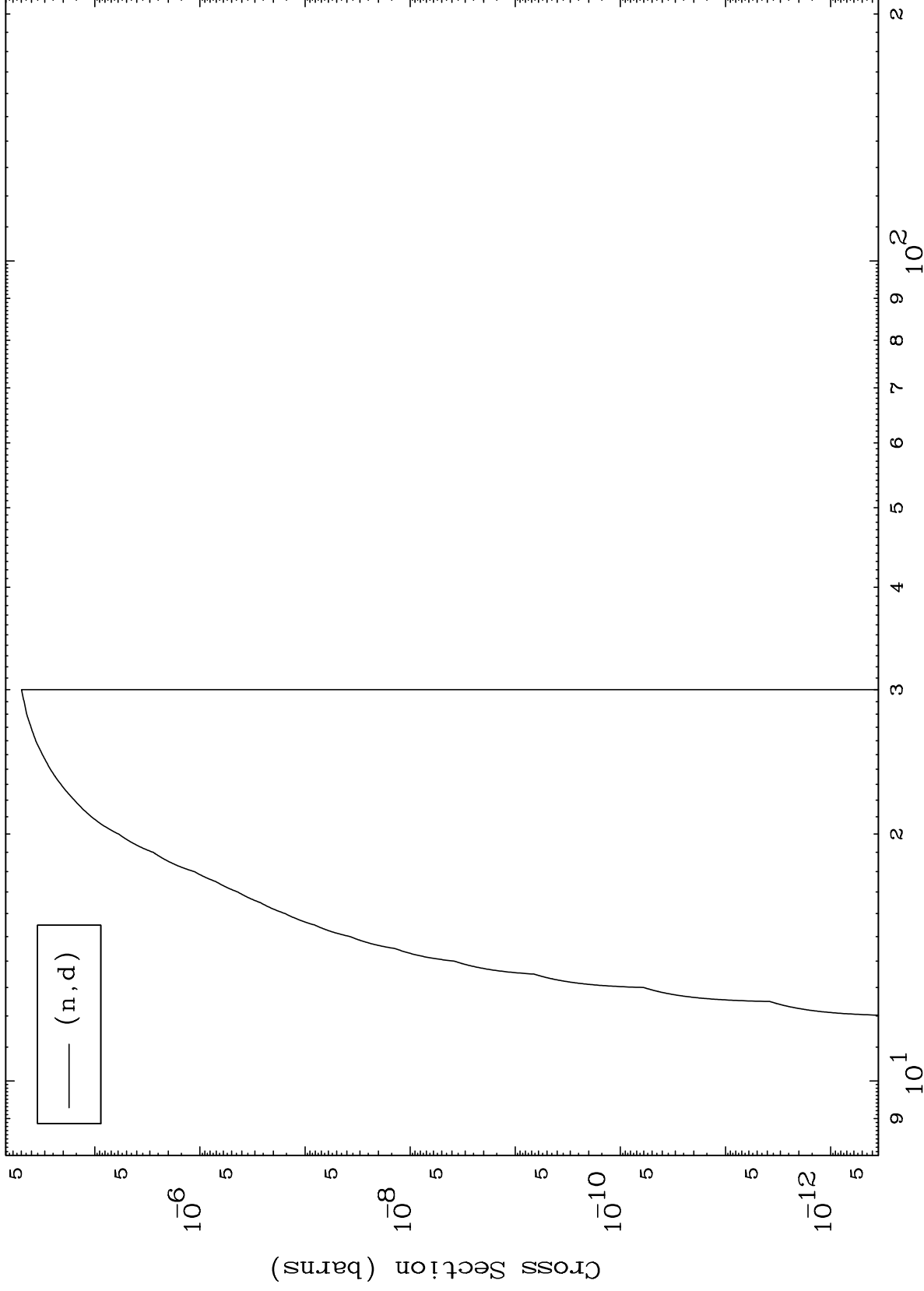
83-Bi-201m



MAT 8302

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

83-Bi-201m



8

Incident Energy (MeV)

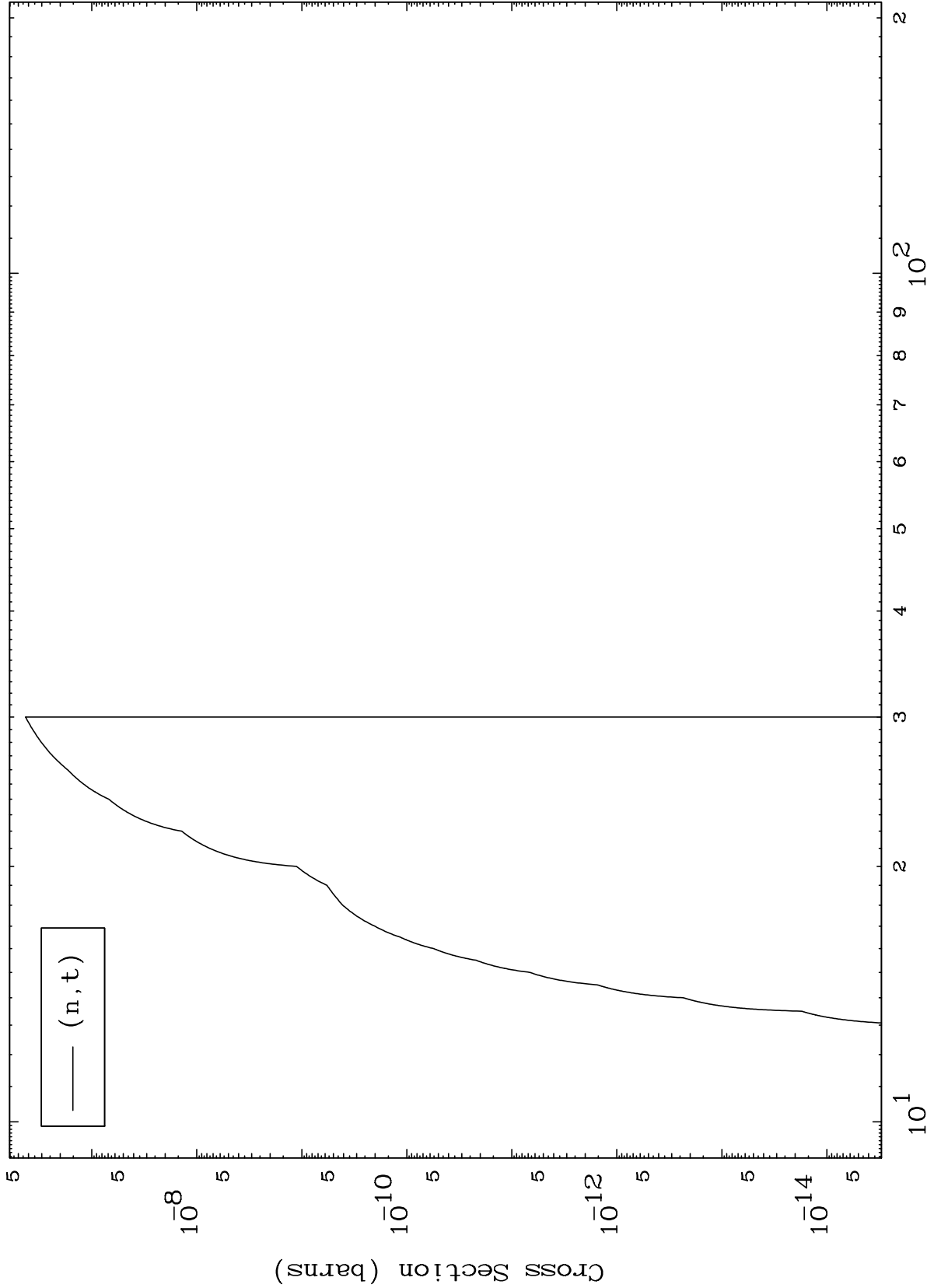
83-Bi-201m

MAT 8302

( $\gamma, t$ ) Levels

$^{83}\text{Bi}$ -201m

0 Kelvin Cross Sections



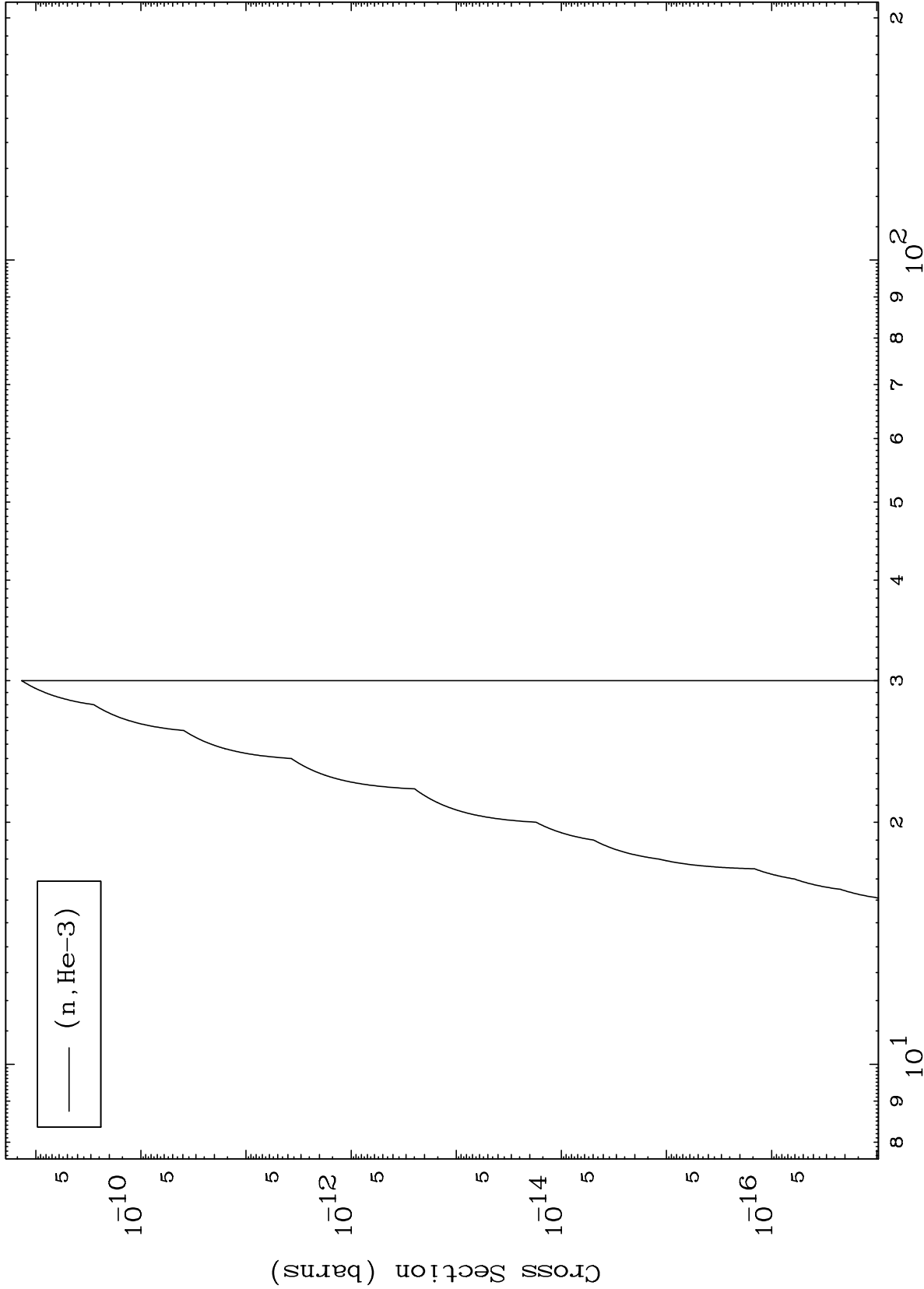
Incident Energy (MeV)

$^{83}\text{Bi}$ -201m

MAT 8302

83-Bi-201m

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



83-Bi-201m

Incident Energy (MeV)

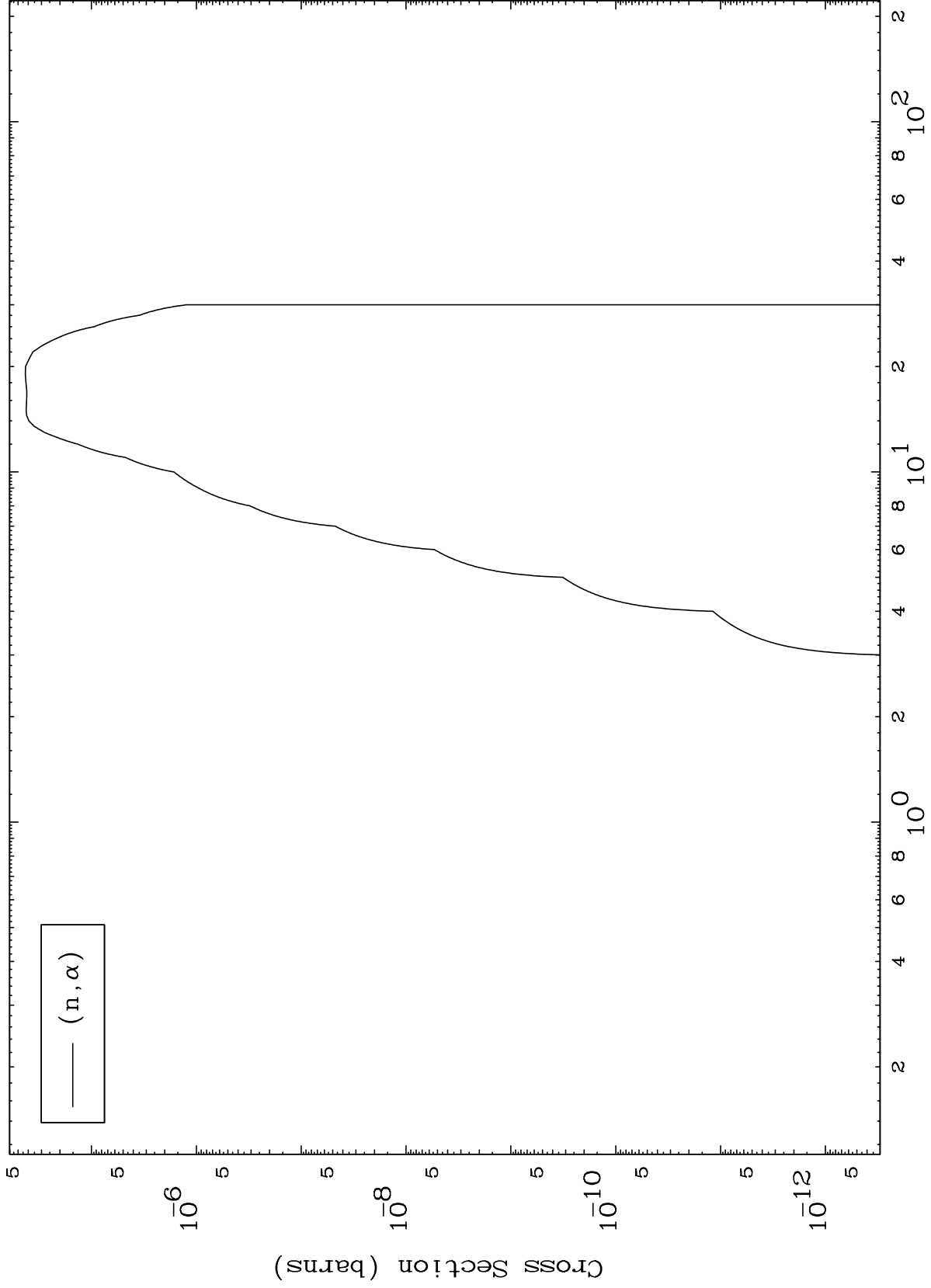
10

MAT 8302

( $\gamma, \alpha$ ) Levels

83-Bi-201m

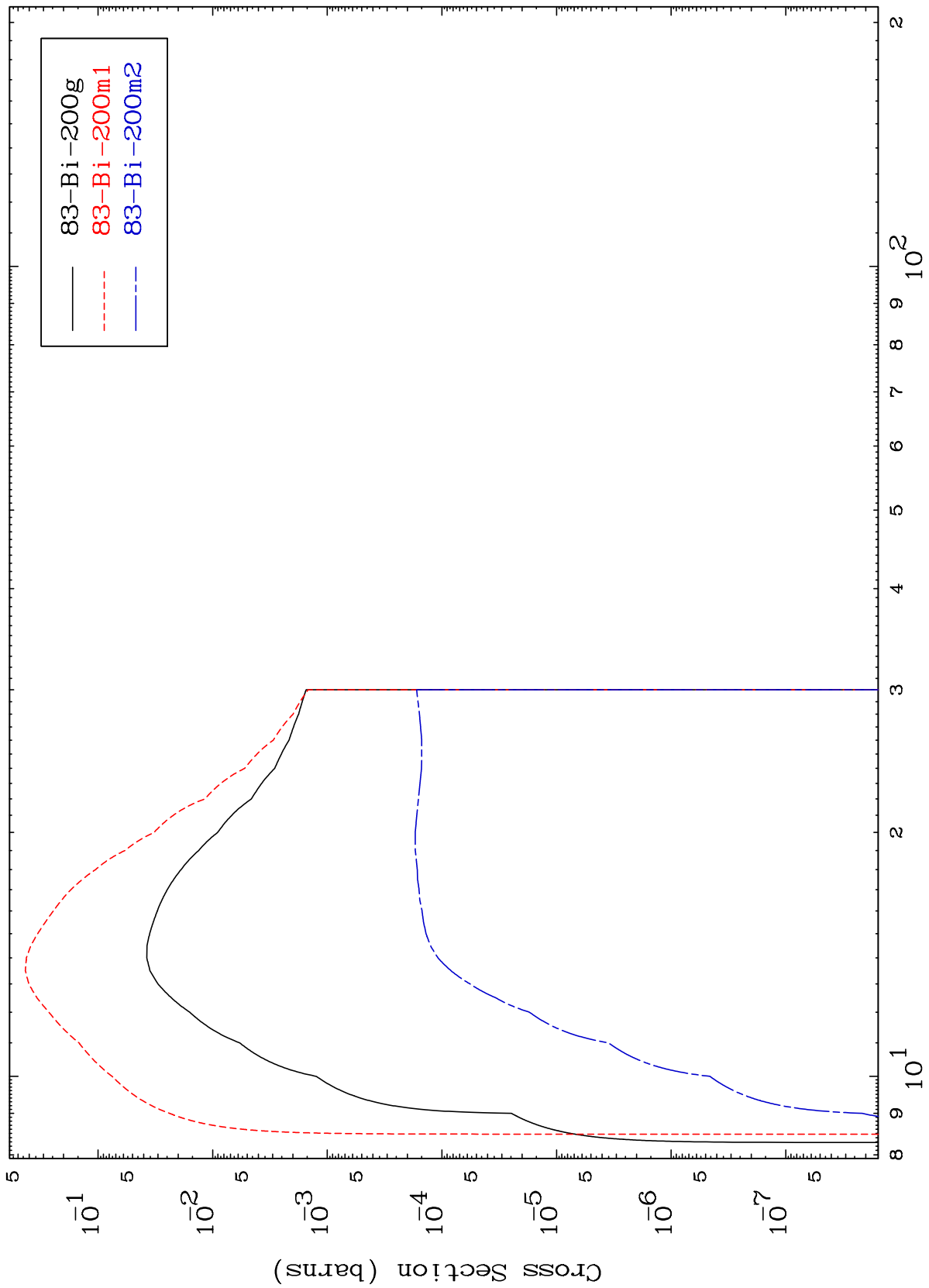
0 Kelvin Cross Sections



MAT 8302

83-Bi-201m

Inelastic  
Radionuclide Production Cross Section



83-Bi-201m

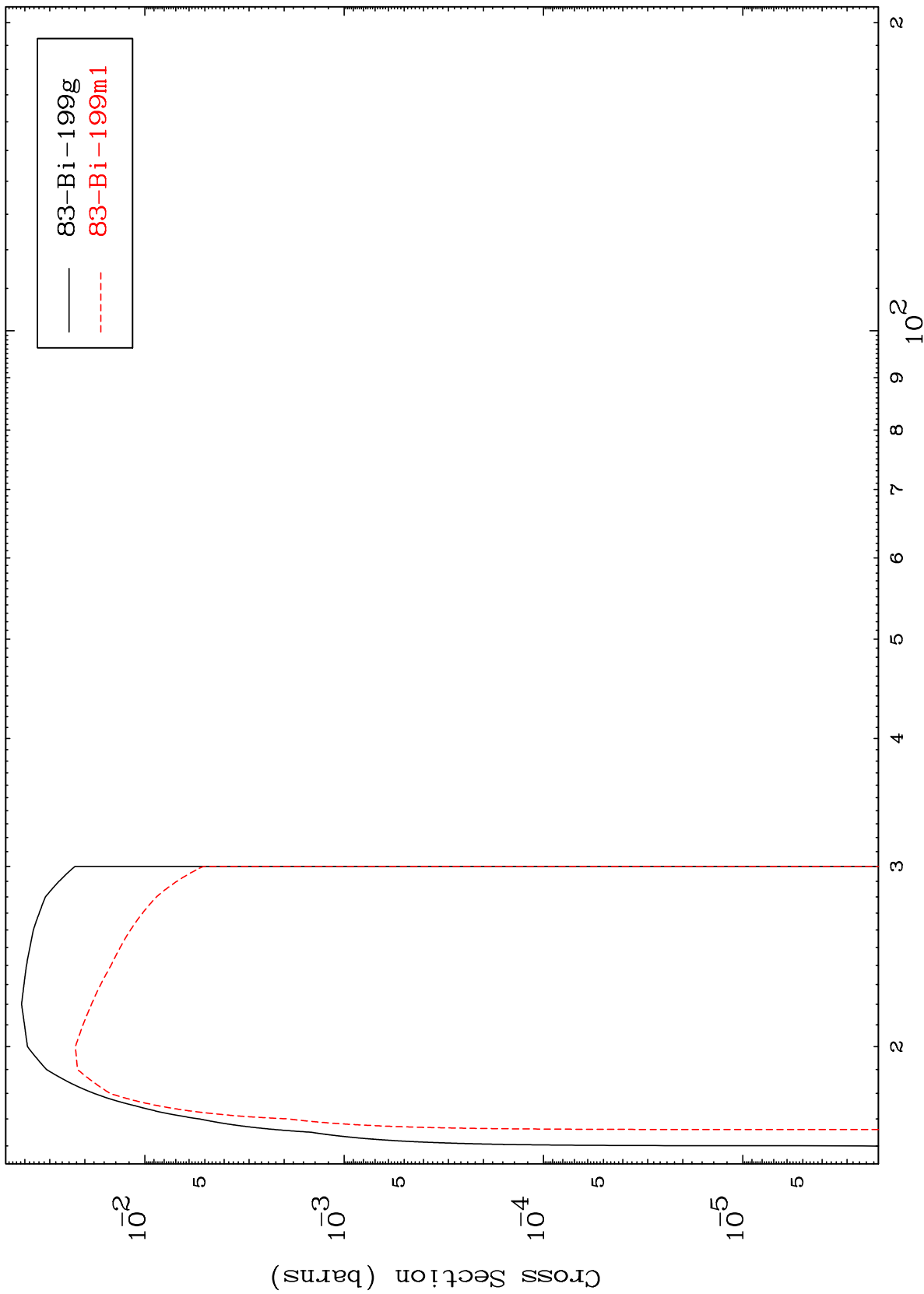
Incident Energy (MeV)

12

MAT 8302

<sup>83</sup>Bi-201m

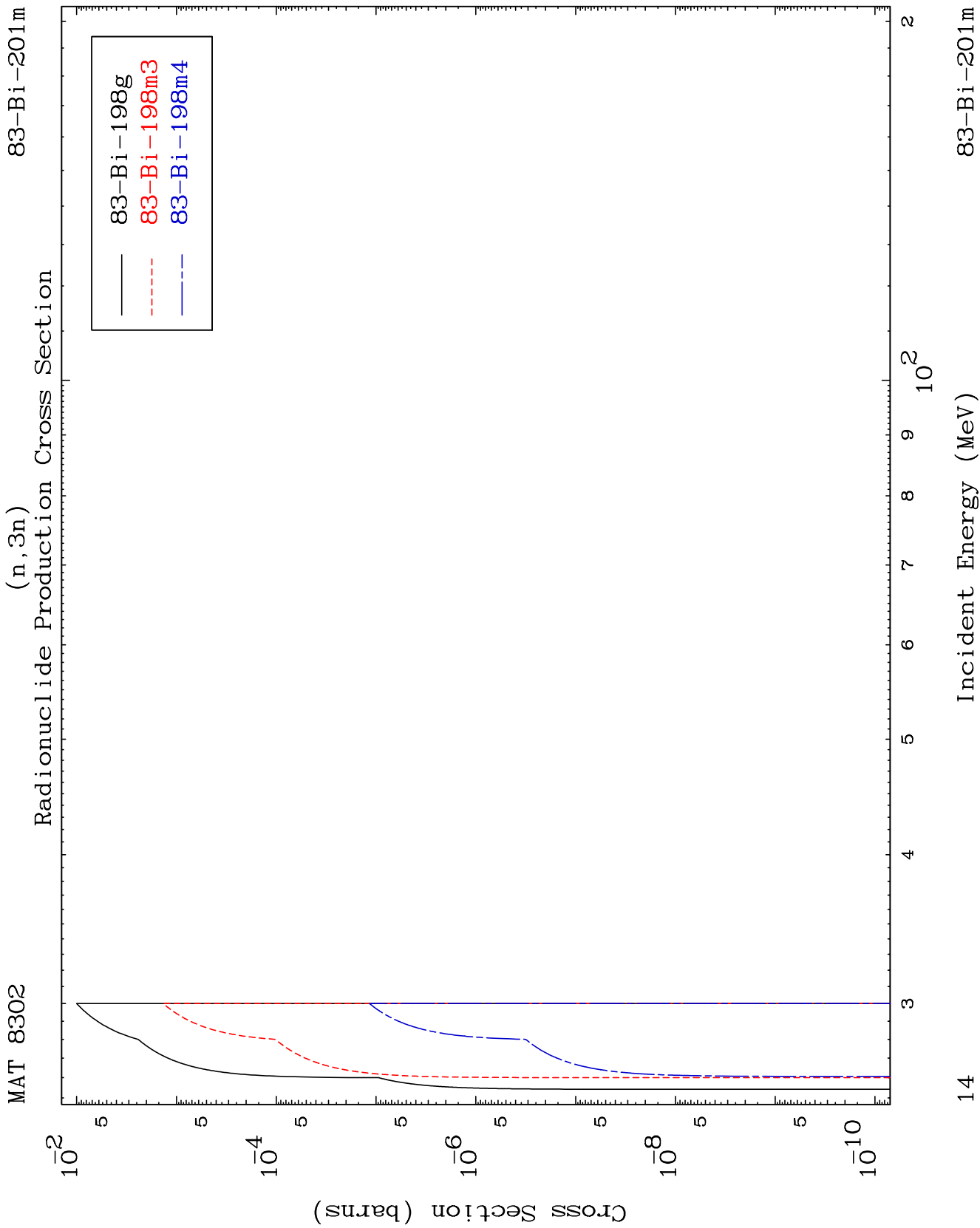
(n,2n)  
Radionuclide Production Cross Section



<sup>83</sup>Bi-201m

Incident Energy (MeV)

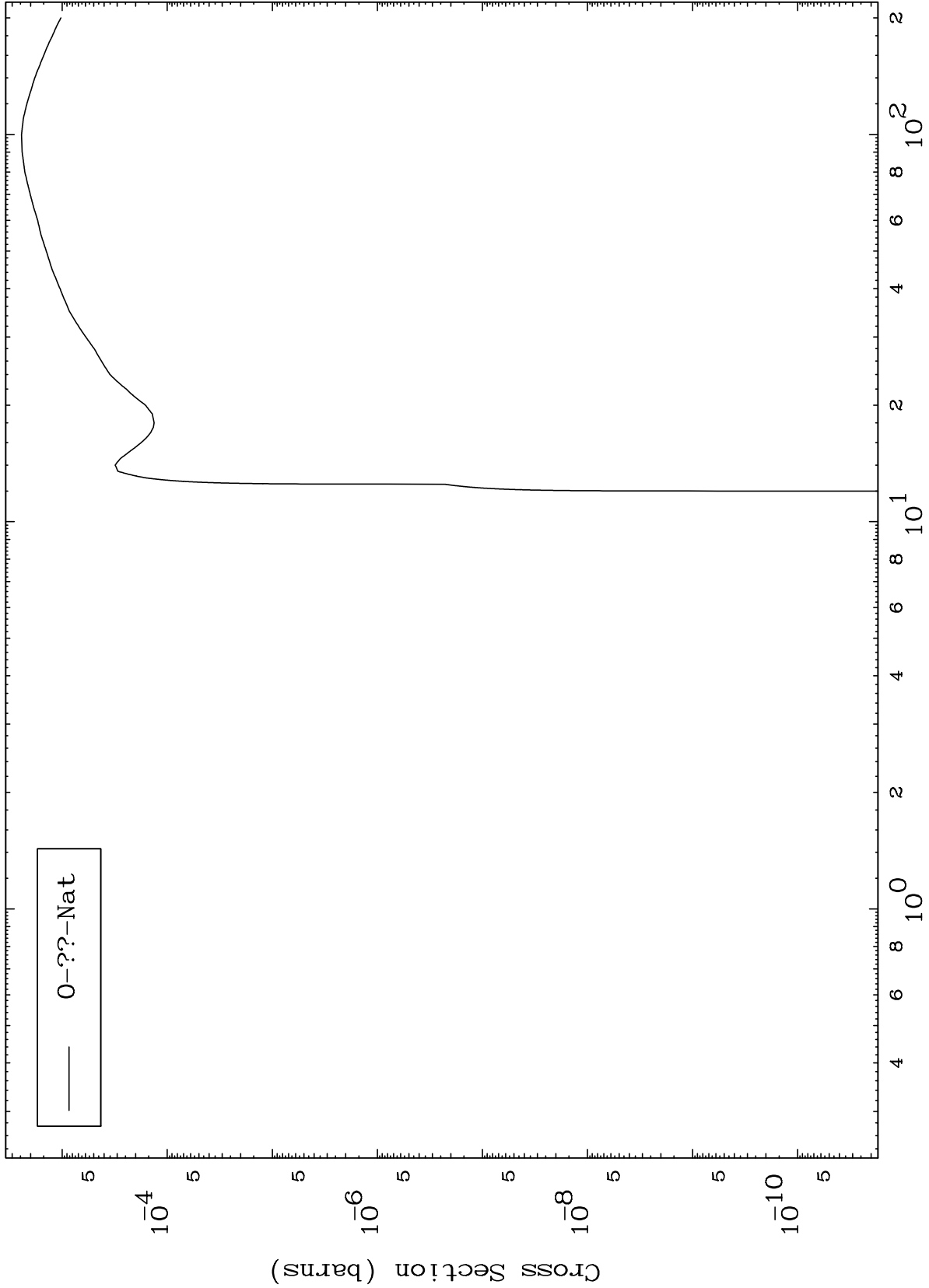
13



MAT 8302

83-Bi-201m

Fission  
Radionuclide Production Cross Section



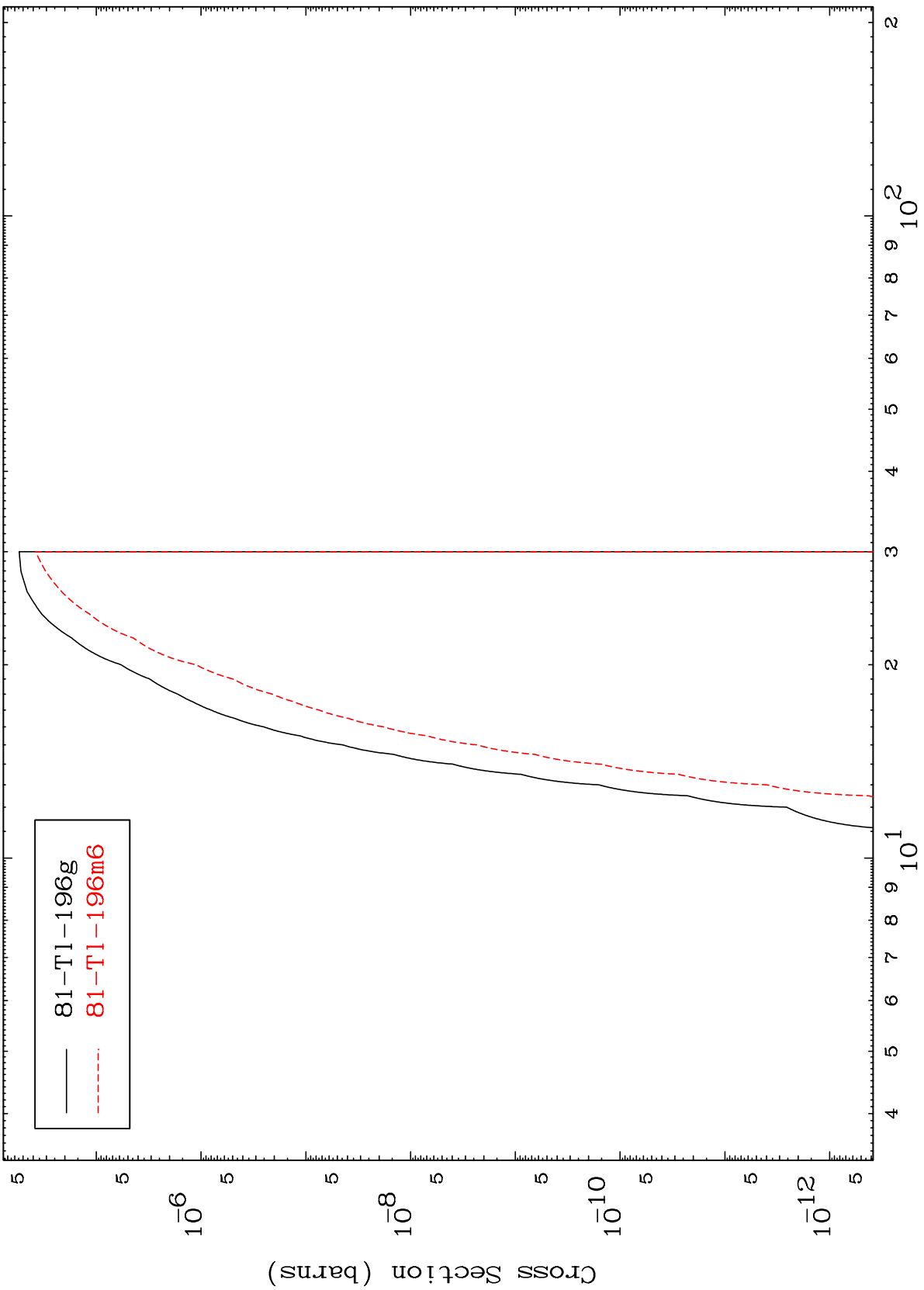


MAT 8302

$(n, n') \alpha$

83-Bi-201m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

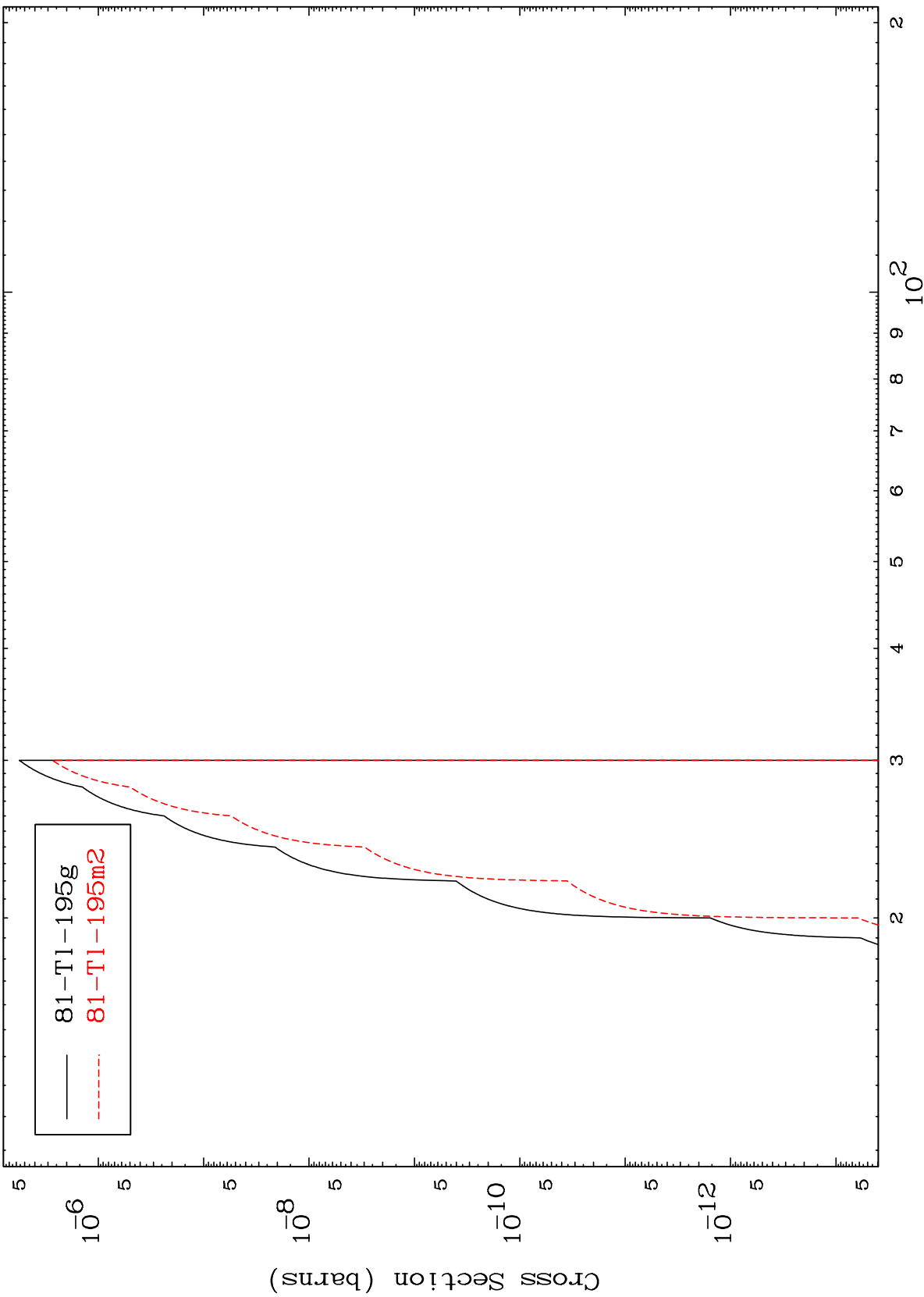
83-Bi-201m

MAT 8302

$(n,2n) \alpha$

83-Bi-201m

Radionuclide Production Cross Section

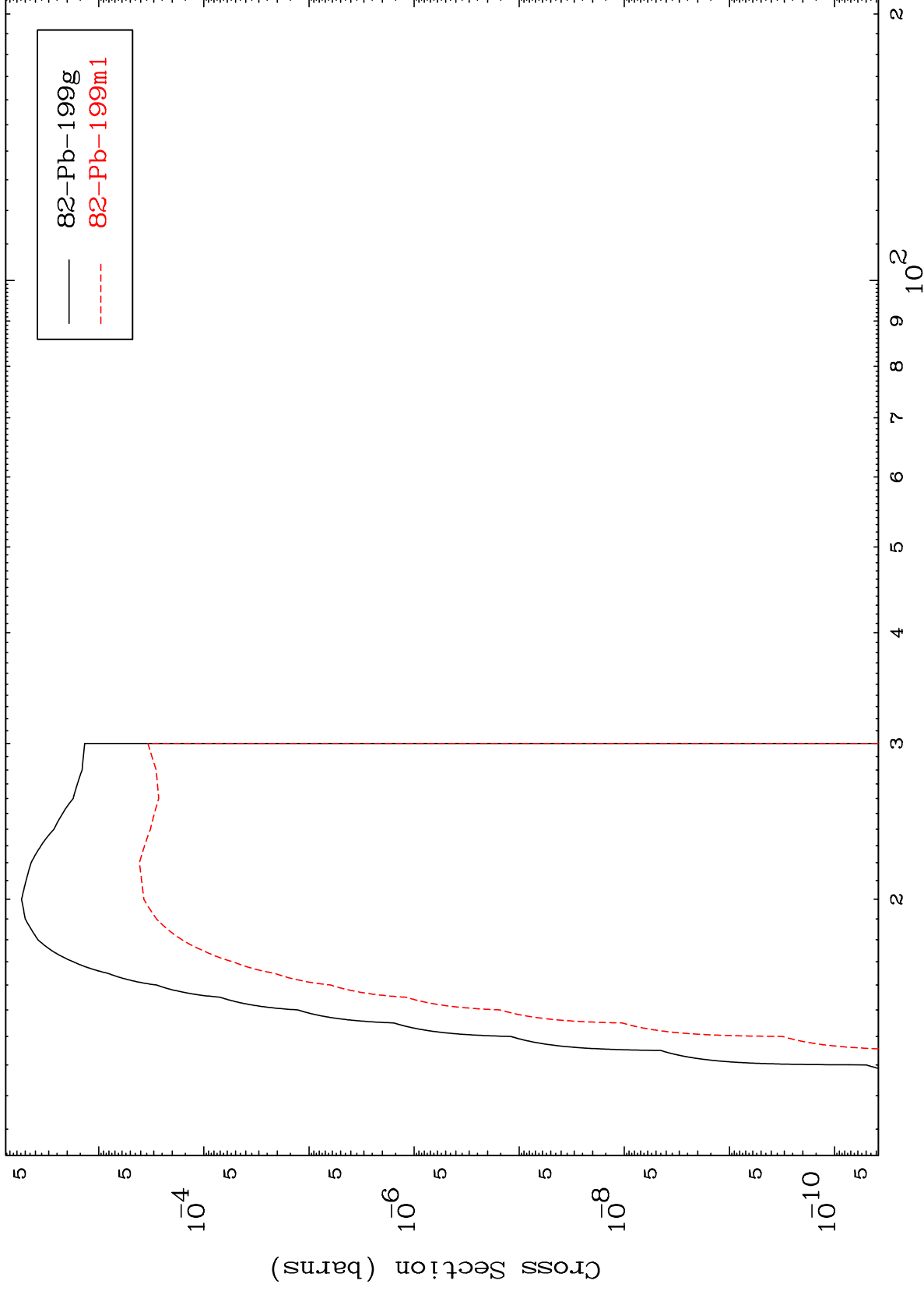


MAT 8302

$(n, n')$  p

83-Bi-201m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

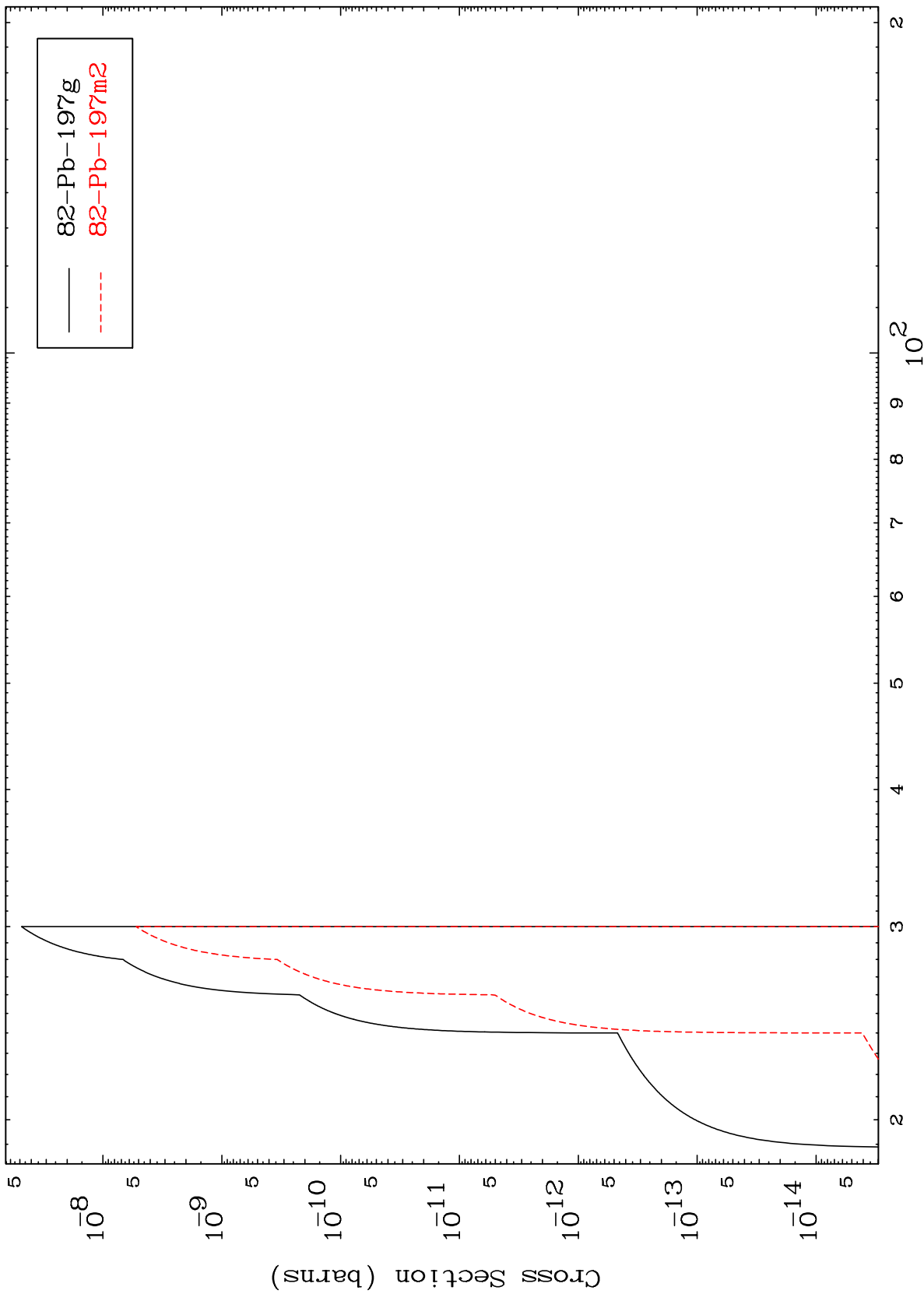
83-Bi-201m

MAT 8302

(n,n') t

83-Bi-201m

Radionuclide Production Cross Section



19

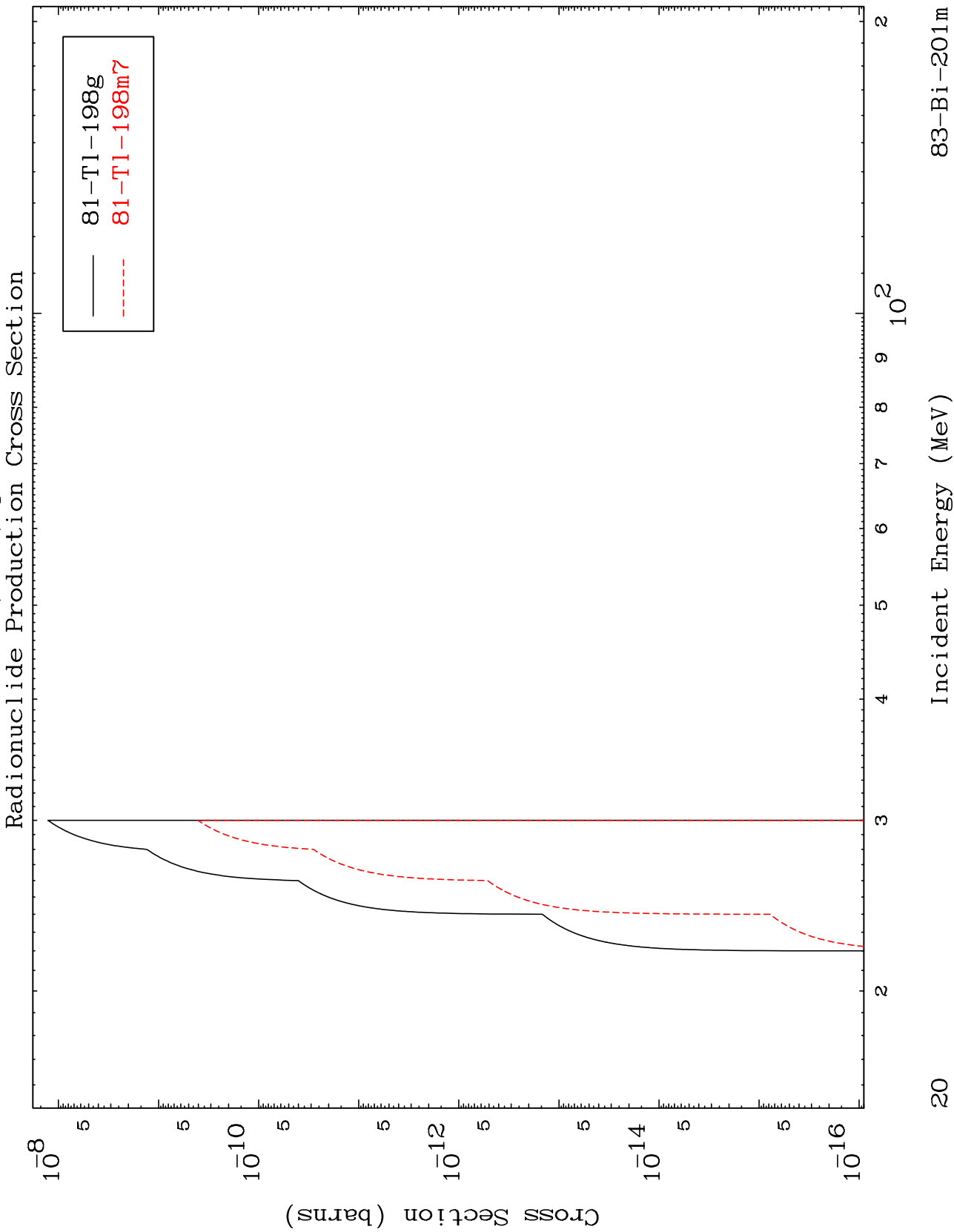
Incident Energy (MeV)

83-Bi-201m

MAT 8302

(n,2n) p

83-Bi-201m



20

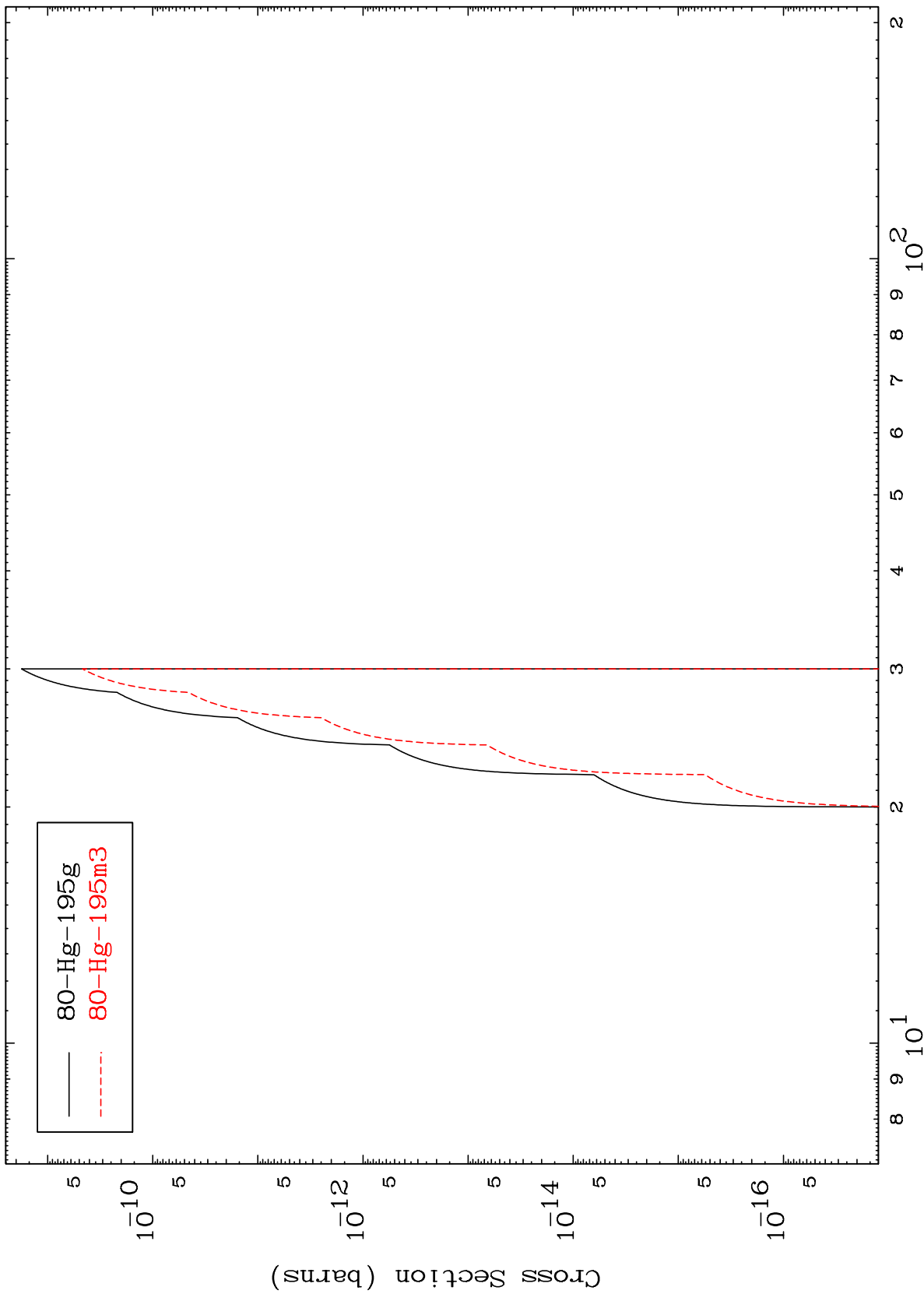
83-Bi-201m

MAT 8302

(n,n') p  $\alpha$

83-Bi-201m

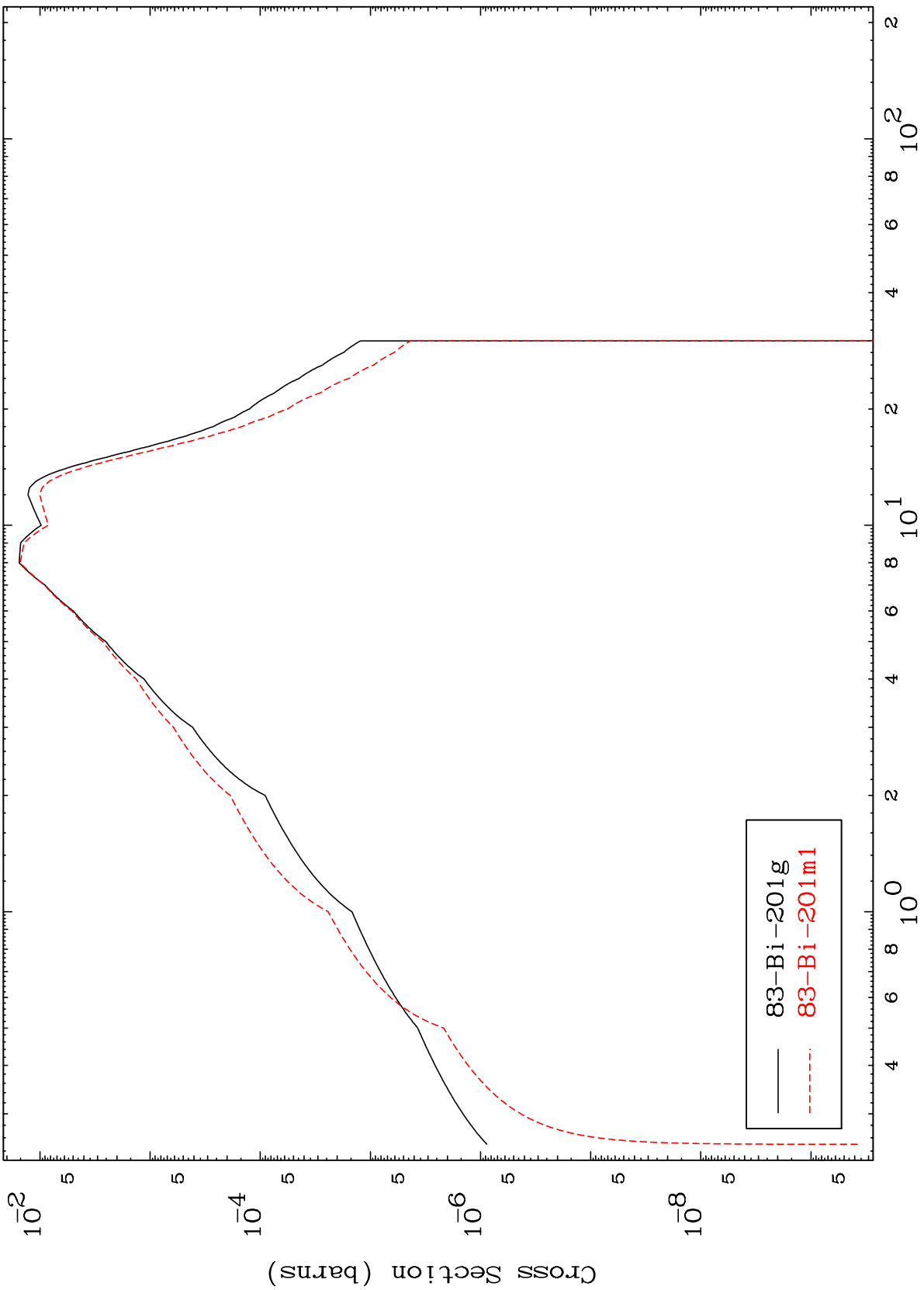
Radionuclide Production Cross Section



MAT 8302

<sup>83</sup>Bi-201m

(n,γ)  
Radionuclide Production Cross Section



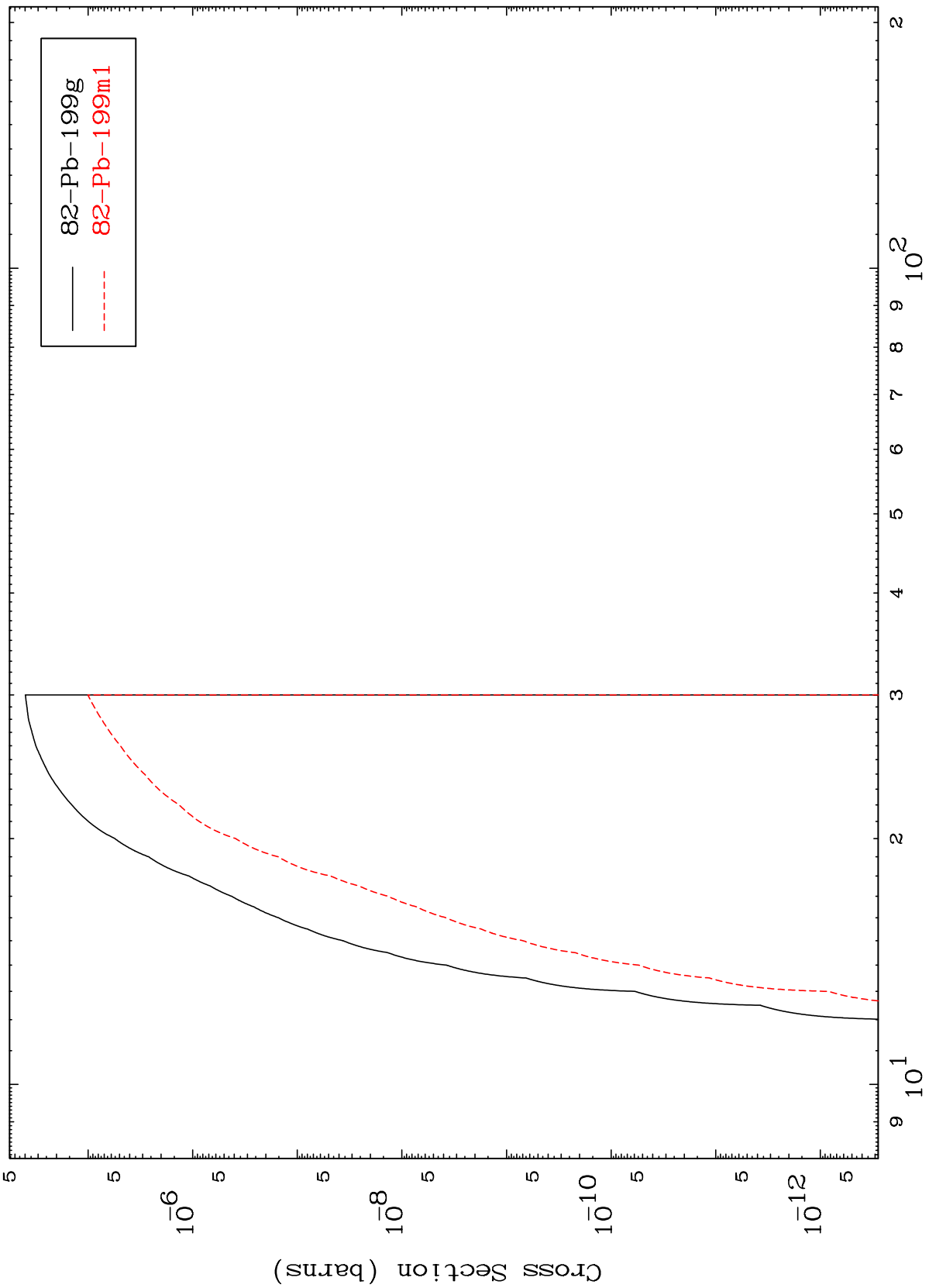
<sup>83</sup>Bi-201m

Incident Energy (MeV)

MAT 8302

83-Bi-201m

(n,d)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-201m

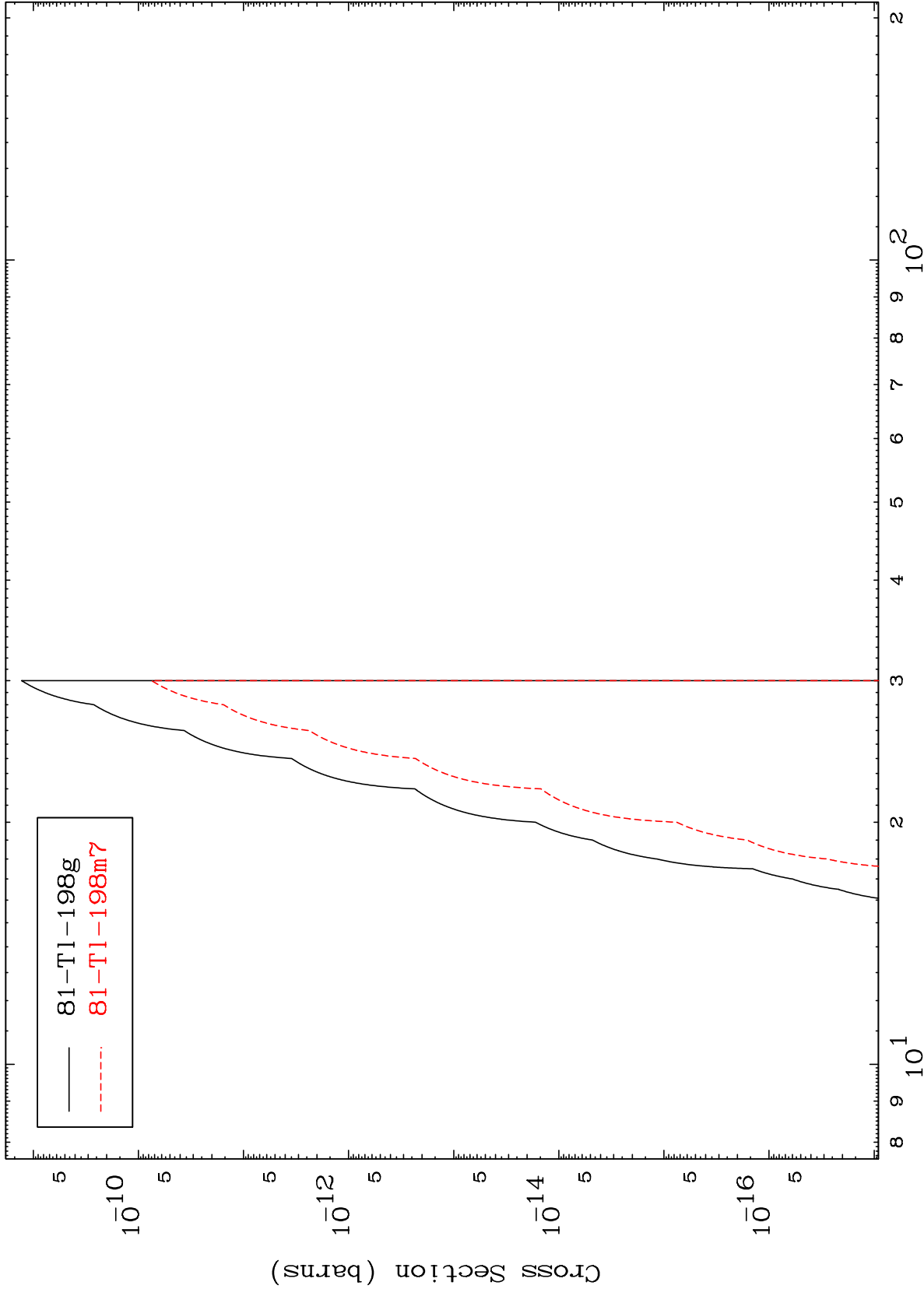


MAT 8302

(n,He-3)

83-Bi-201m

Radionuclide Production Cross Section



81-Tl-198g  
81-Tl-198m7

24

Incident Energy (MeV)

83-Bi-201m

MAT 8302

<sup>83</sup>Bi-201m

