

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)

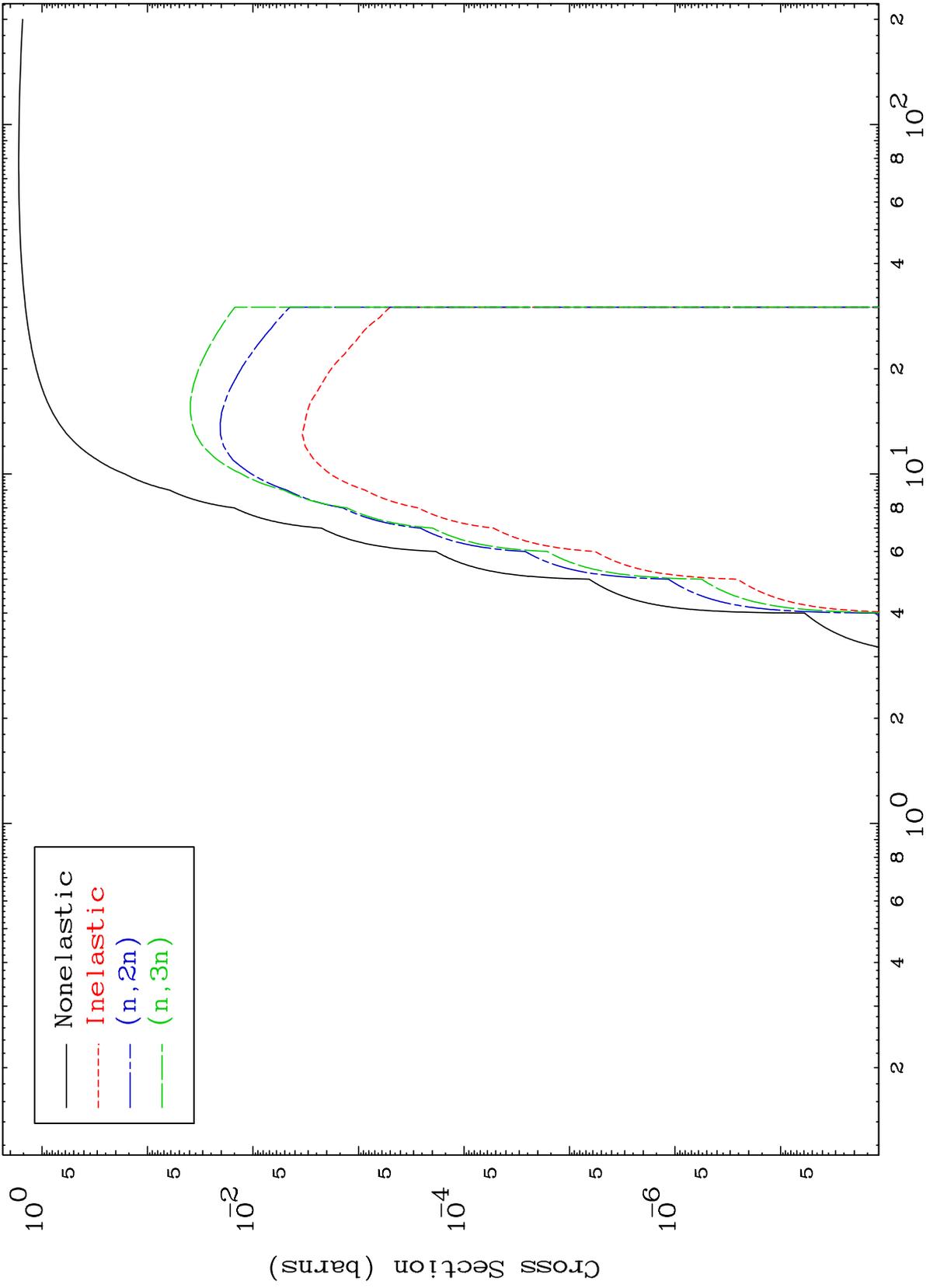
Press Mouse Button to Start

MAT 3158

He-3 Major

31-Ga-80

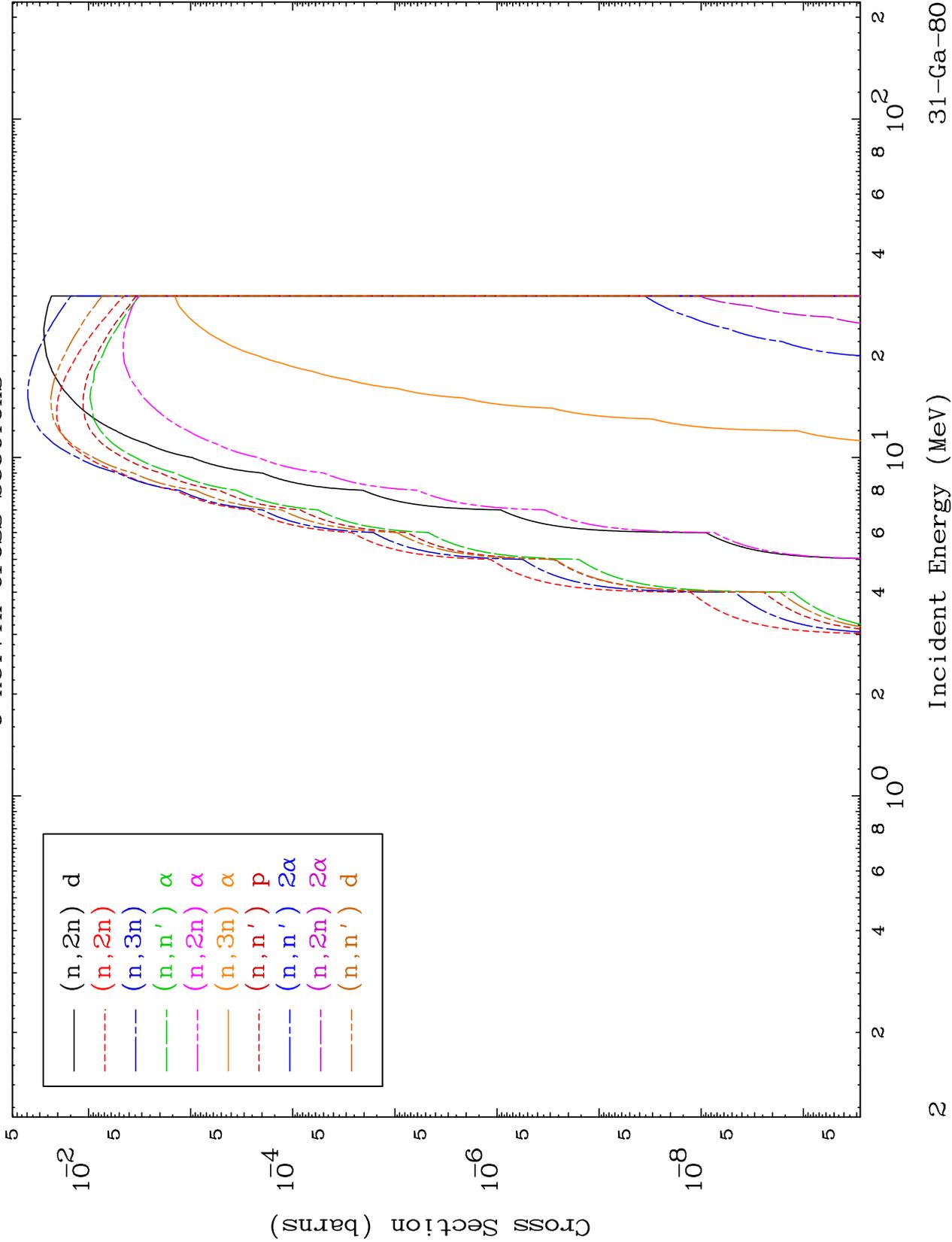
0 Kelvin Cross Sections



MAT 3158

He-3 Neutron Absorption  
0 Kelvin Cross Sections

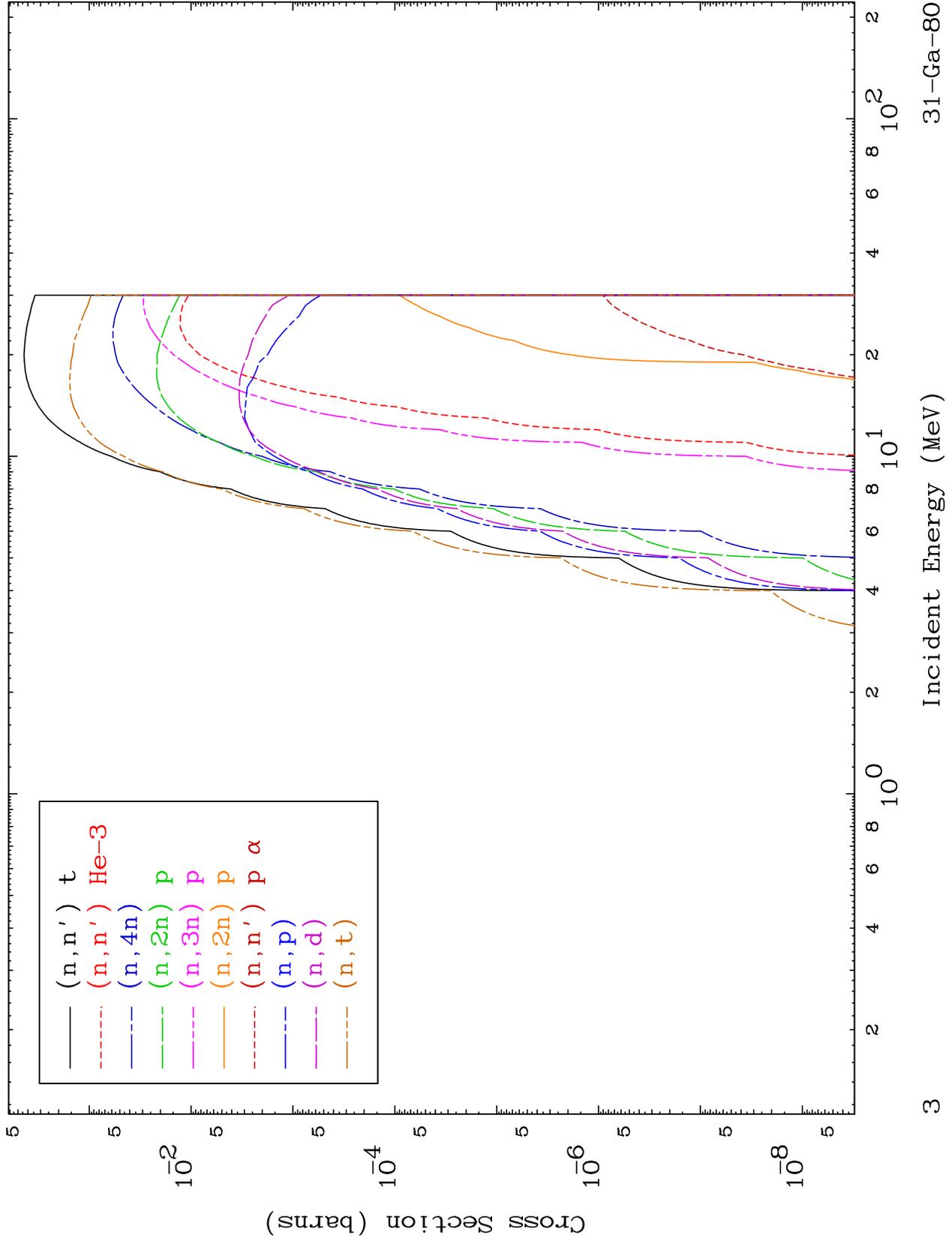
31-Ga-80



MAT 3158

He-3 Neutron Absorption  
0 Kelvin Cross Sections

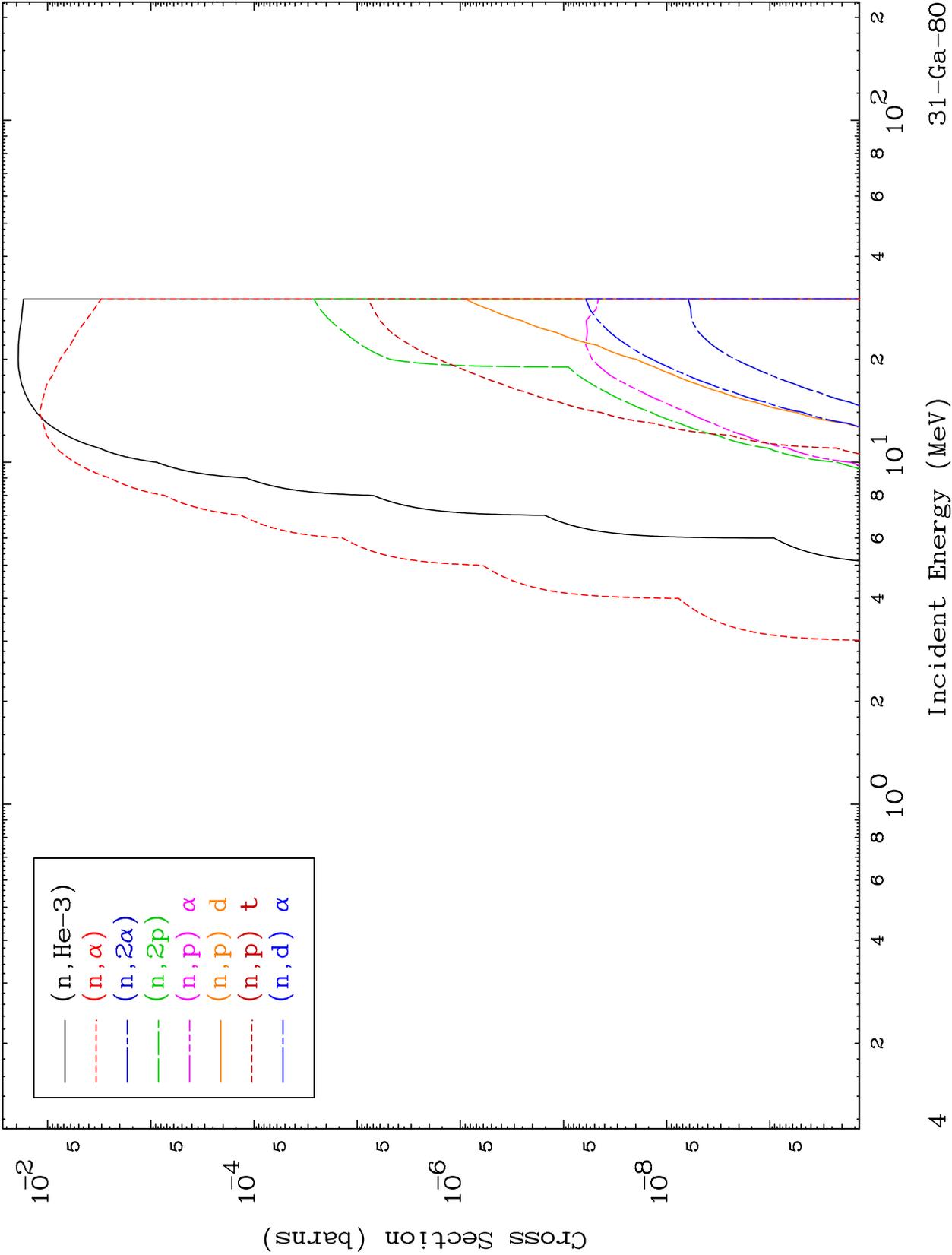
31-Ga-80

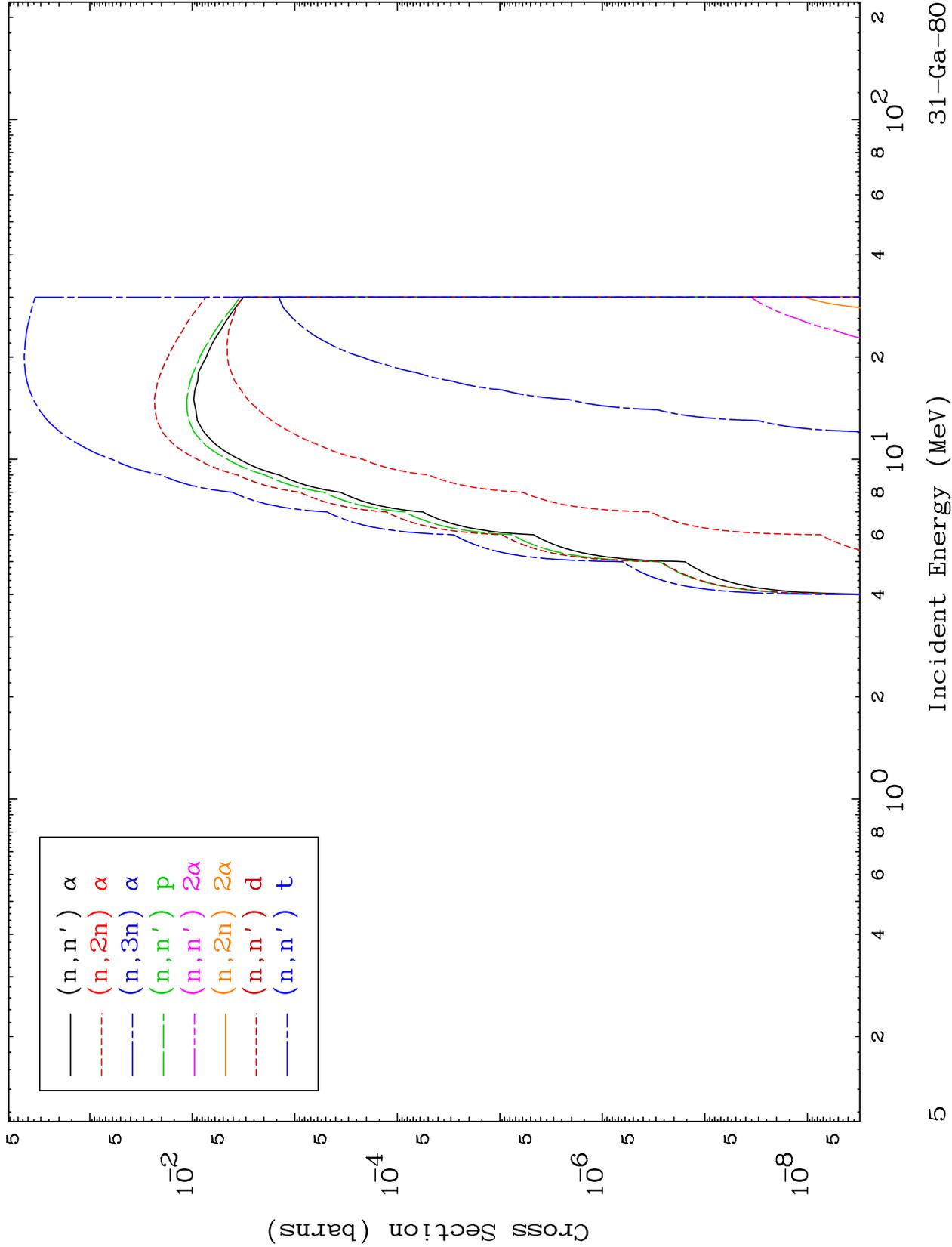


MAT 3158

He-3 Neutron Absorption  
0 Kelvin Cross Sections

31-Ga-80

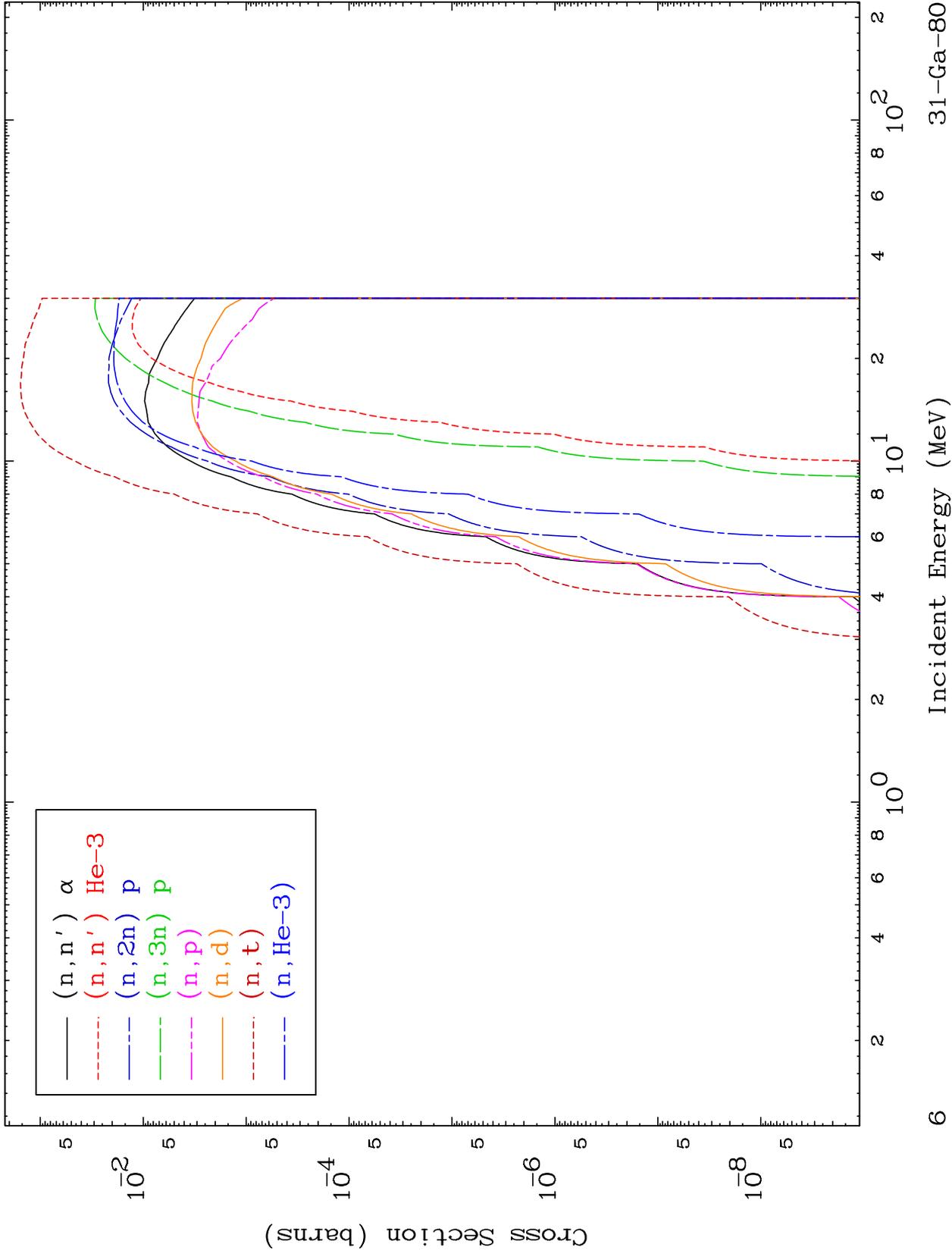




MAT 3158

He-3 Charged Particle  
0 Kelvin Cross Sections

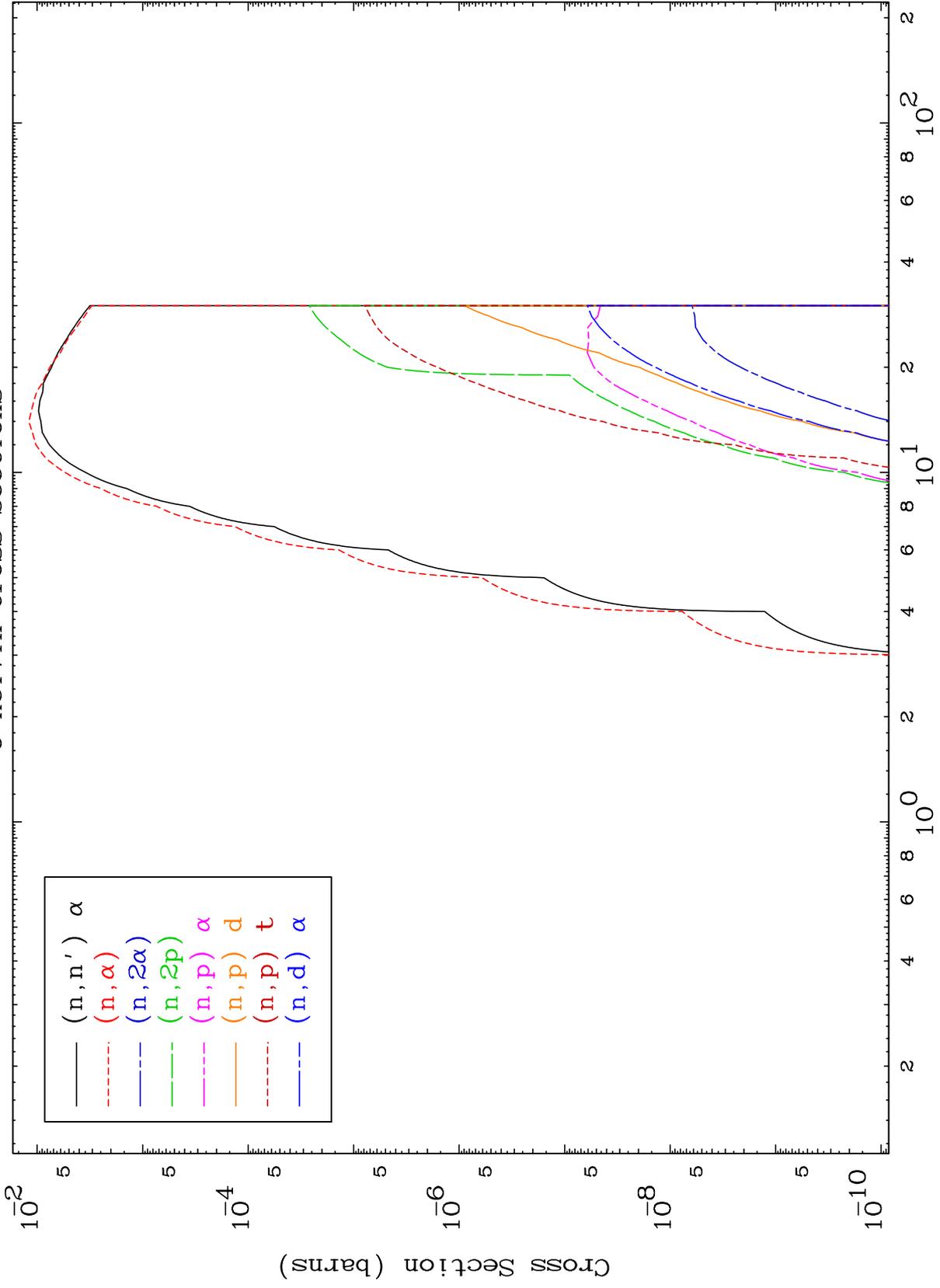
31-Ga-80



MAT 3158

He-3 Charged Particle  
0 Kelvin Cross Sections

31-Ga-80

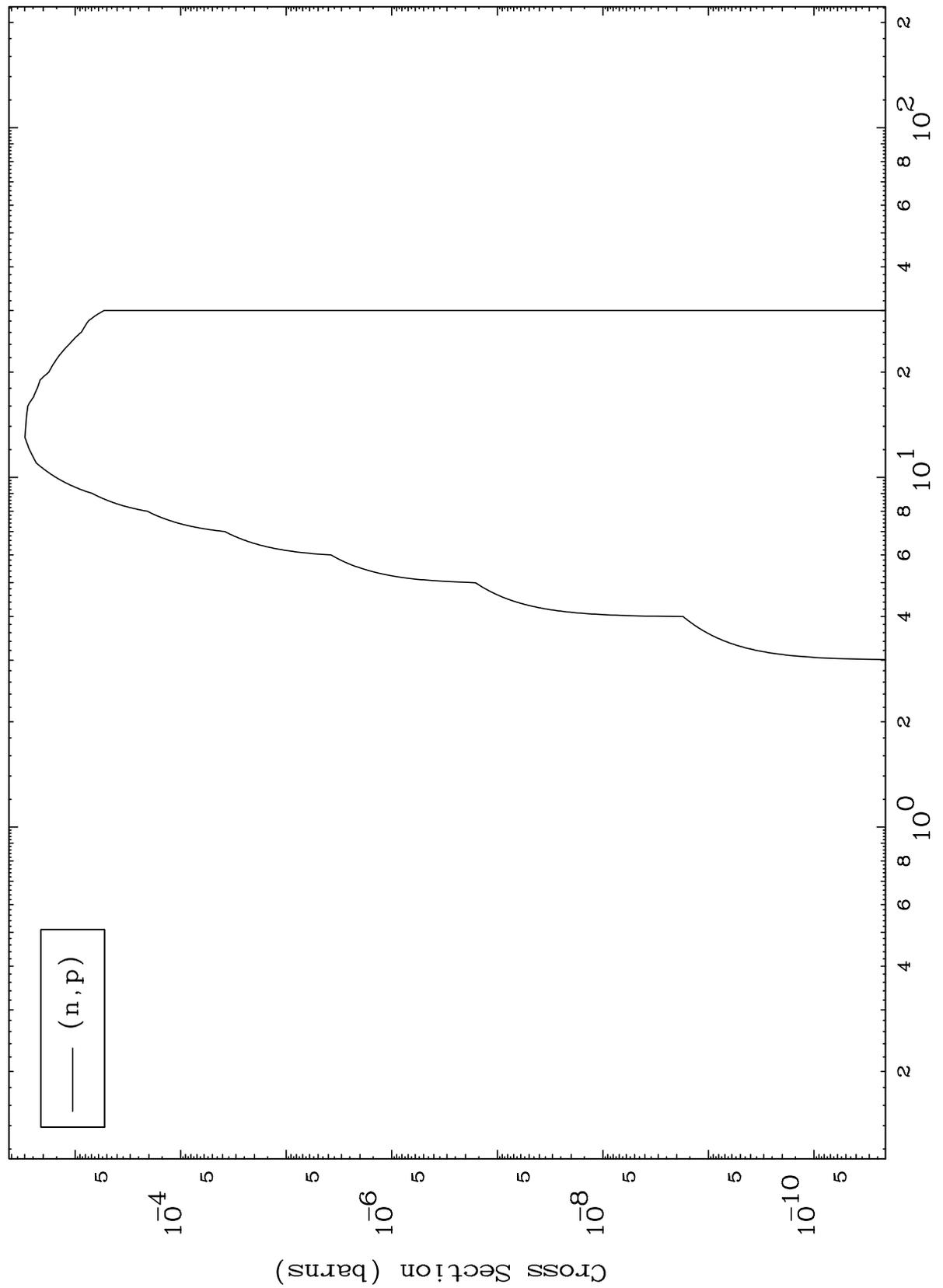


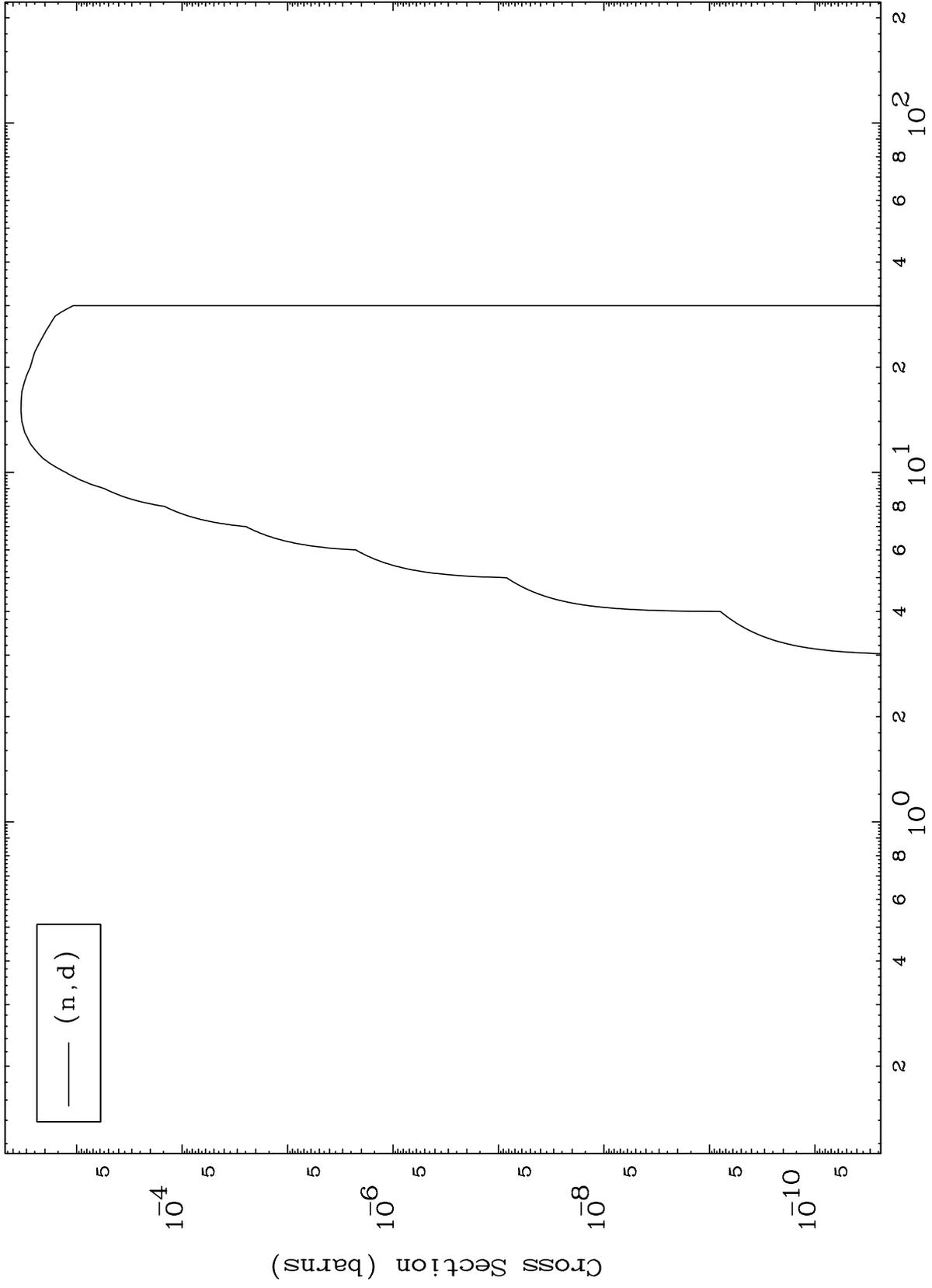
MAT 3158

(He-3,p) Levels

31-Ga-80

0 Kelvin Cross Sections



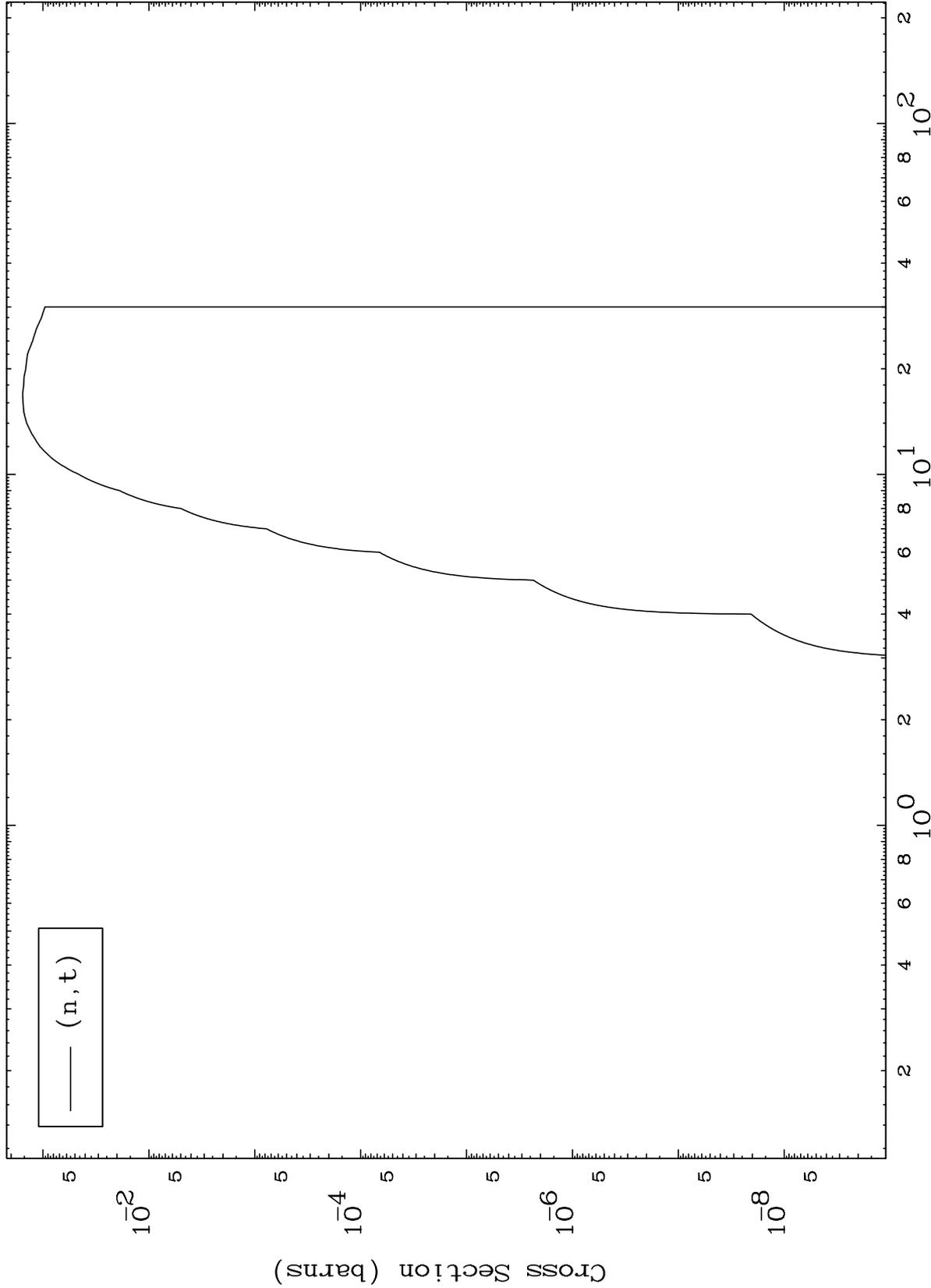


MAT 3158

(He-3,t) Levels

31-Ga-80

0 Kelvin Cross Sections



10

Incident Energy (MeV)

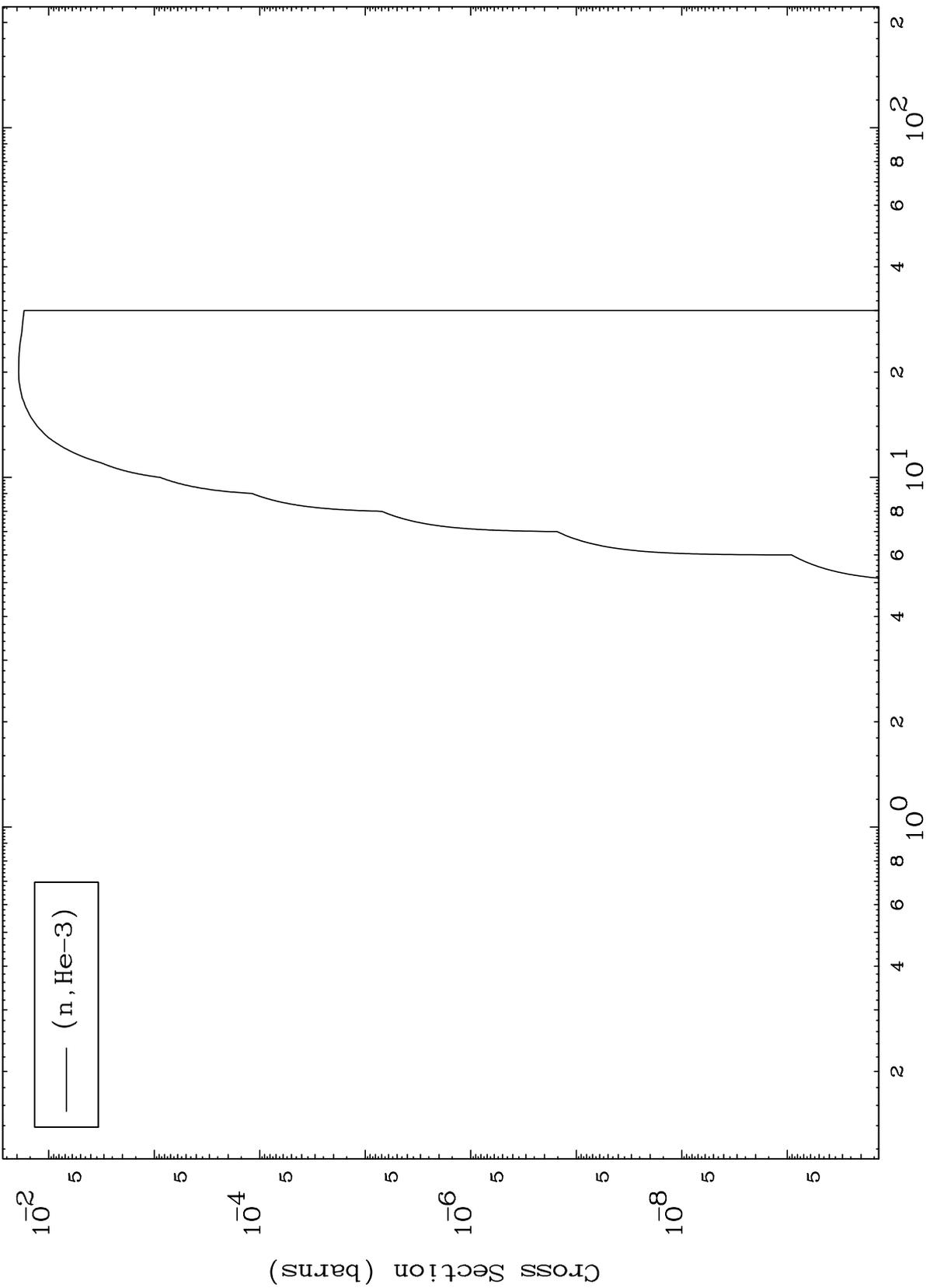
31-Ga-80

MAT 3158

(He-3, He3) Levels

31-Ga-80

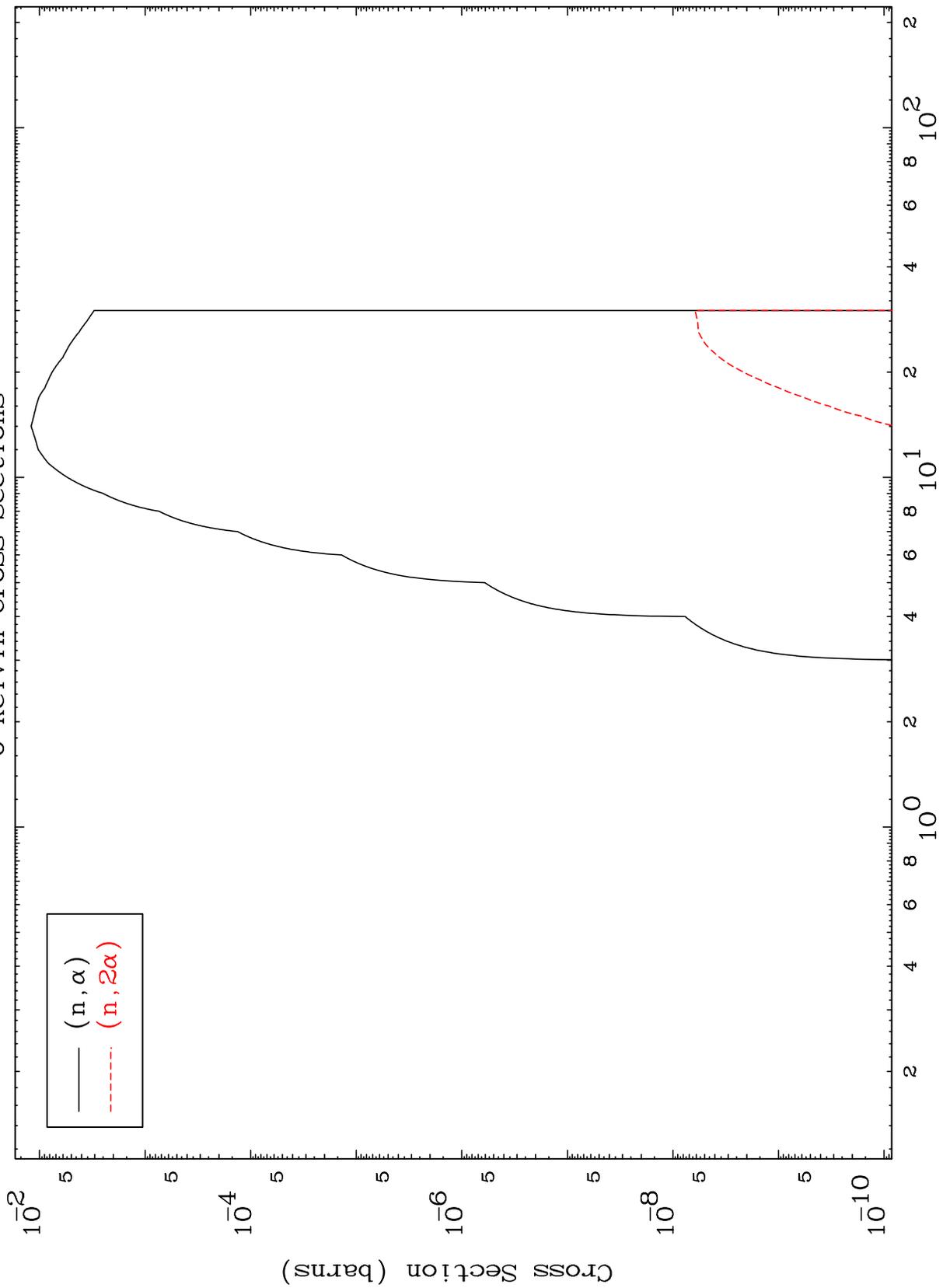
0 Kelvin Cross Sections



MAT 3158

31-Ga-80

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



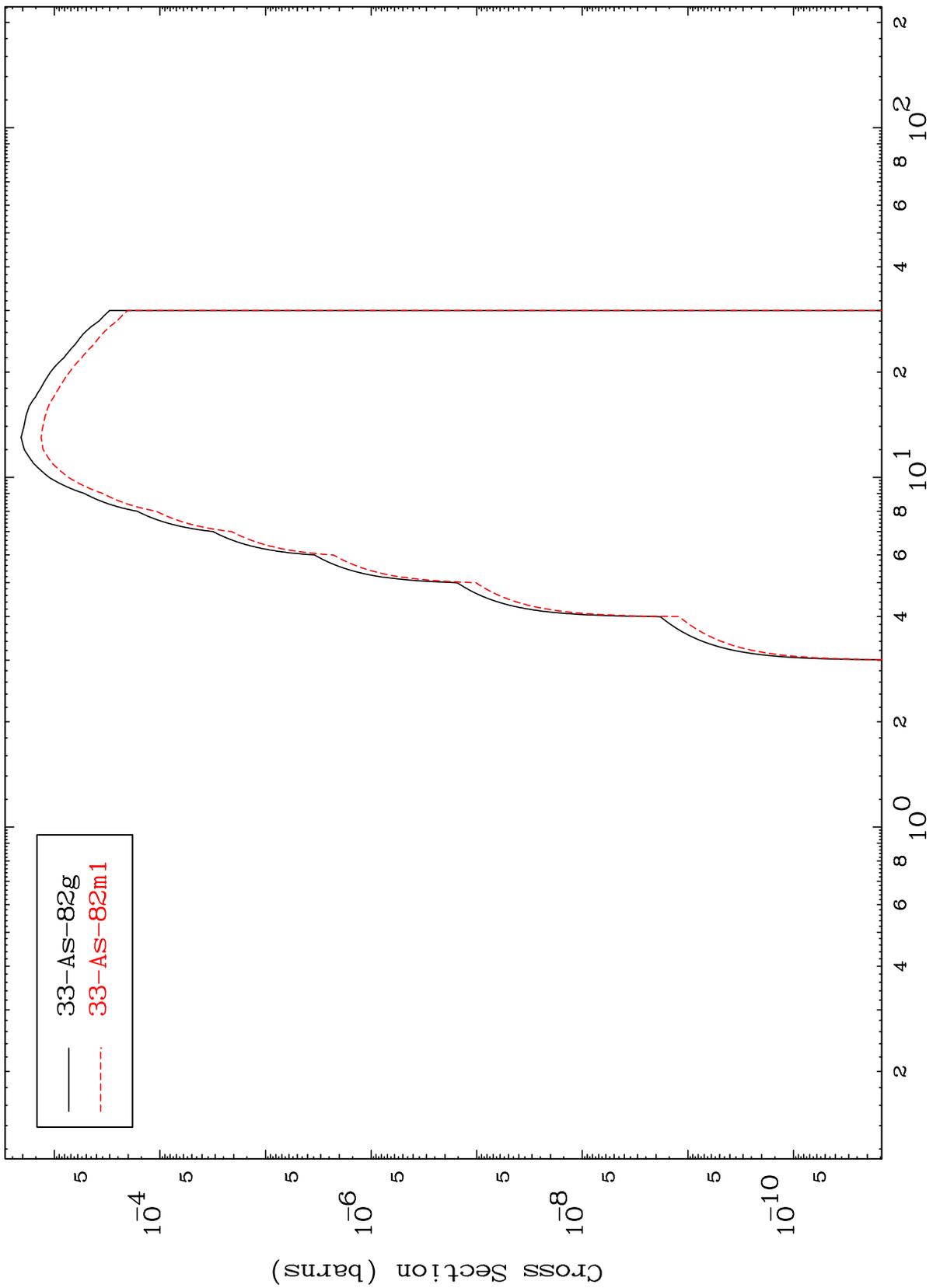
12

31-Ga-80

MAT 3158

31-Ga-80

Inelastic  
Radionuclide Production Cross Section



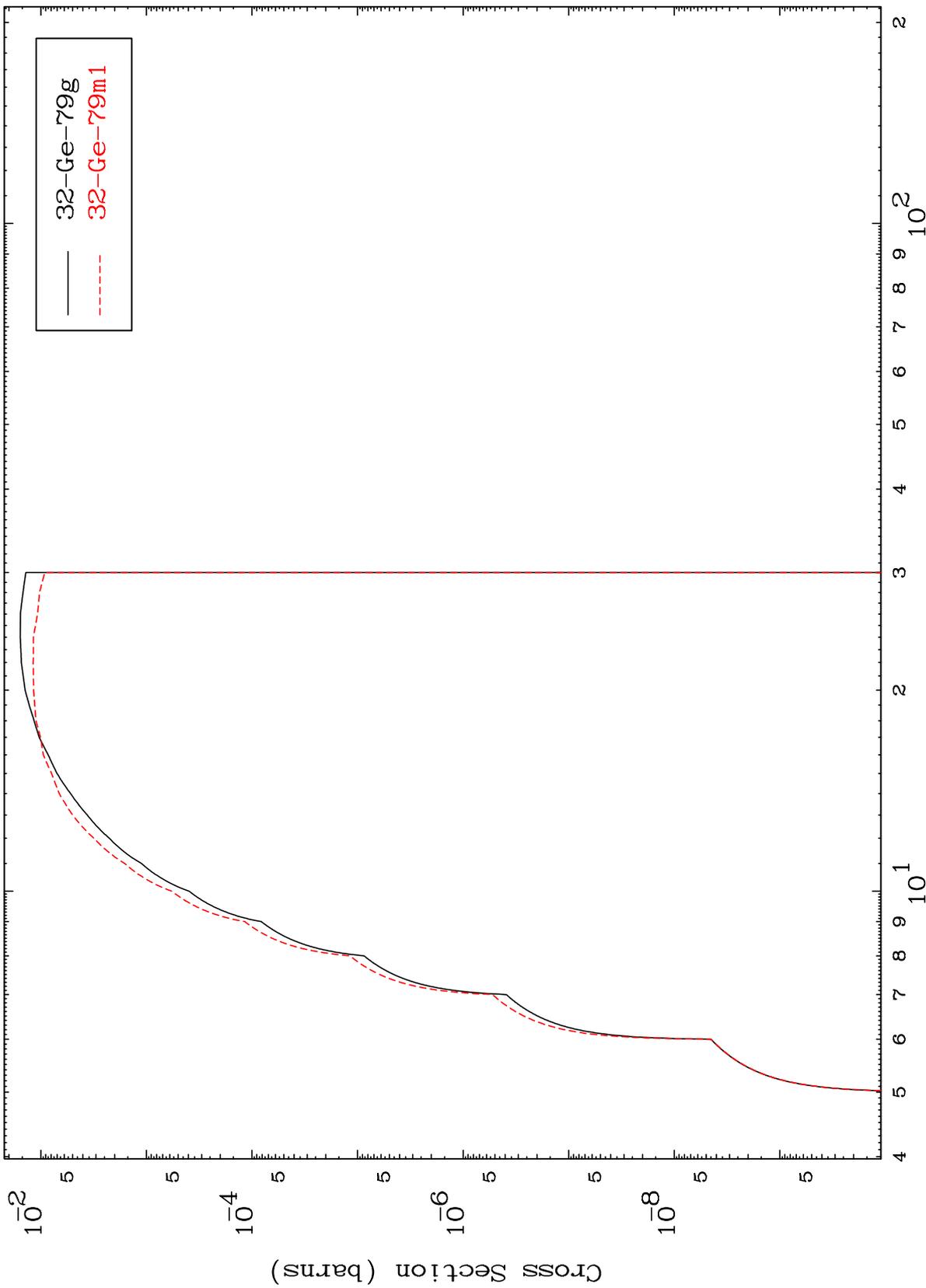
— 33-As-82g  
- - - 33-As-82m1

MAT 3158

(n,2n) d

31-Ga-80

Radionuclide Production Cross Section



14

Incident Energy (MeV)

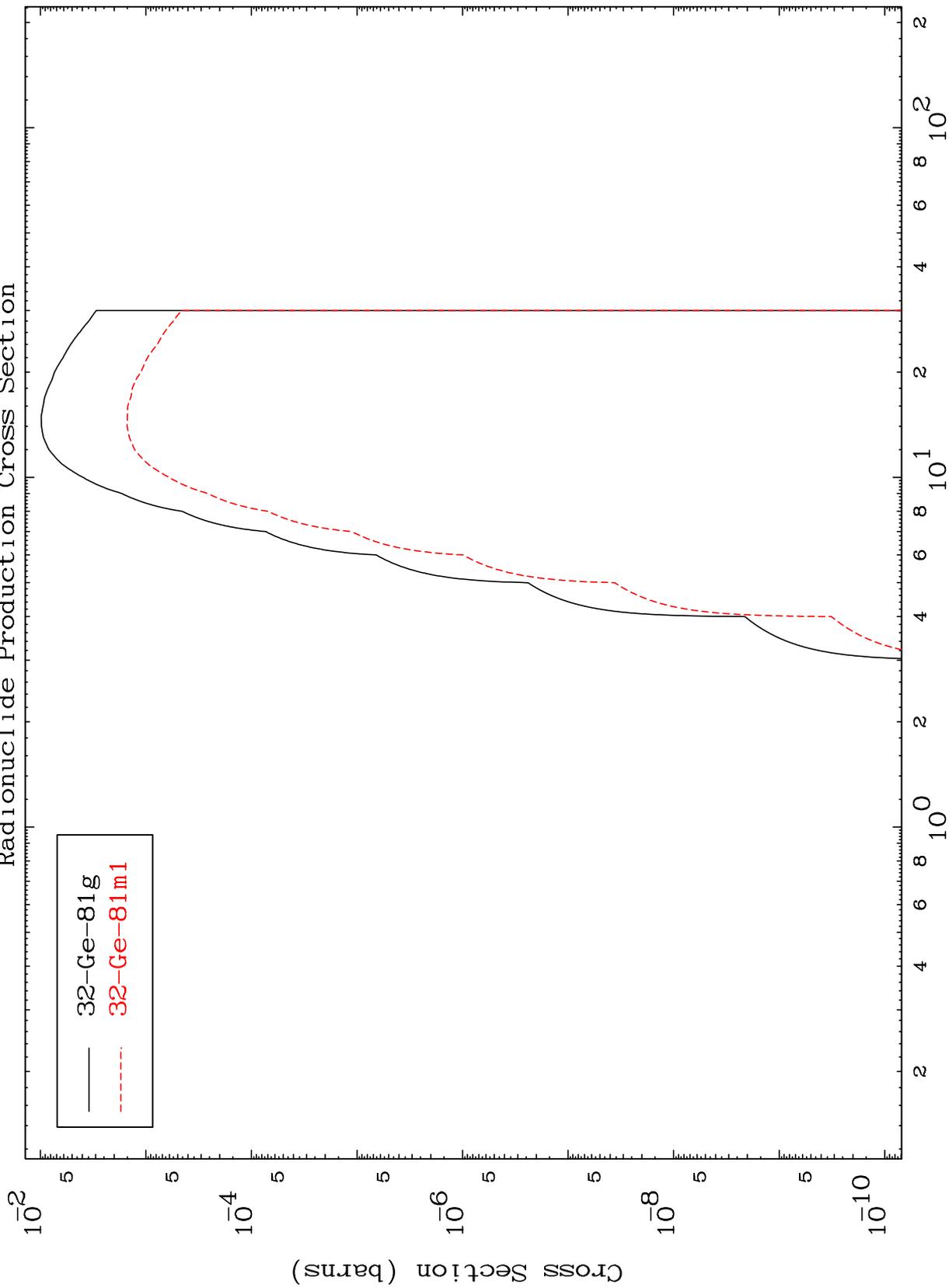
31-Ga-80

MAT 3158

(n,n') p

31-Ga-80

Radionuclide Production Cross Section



15

Incident Energy (MeV)

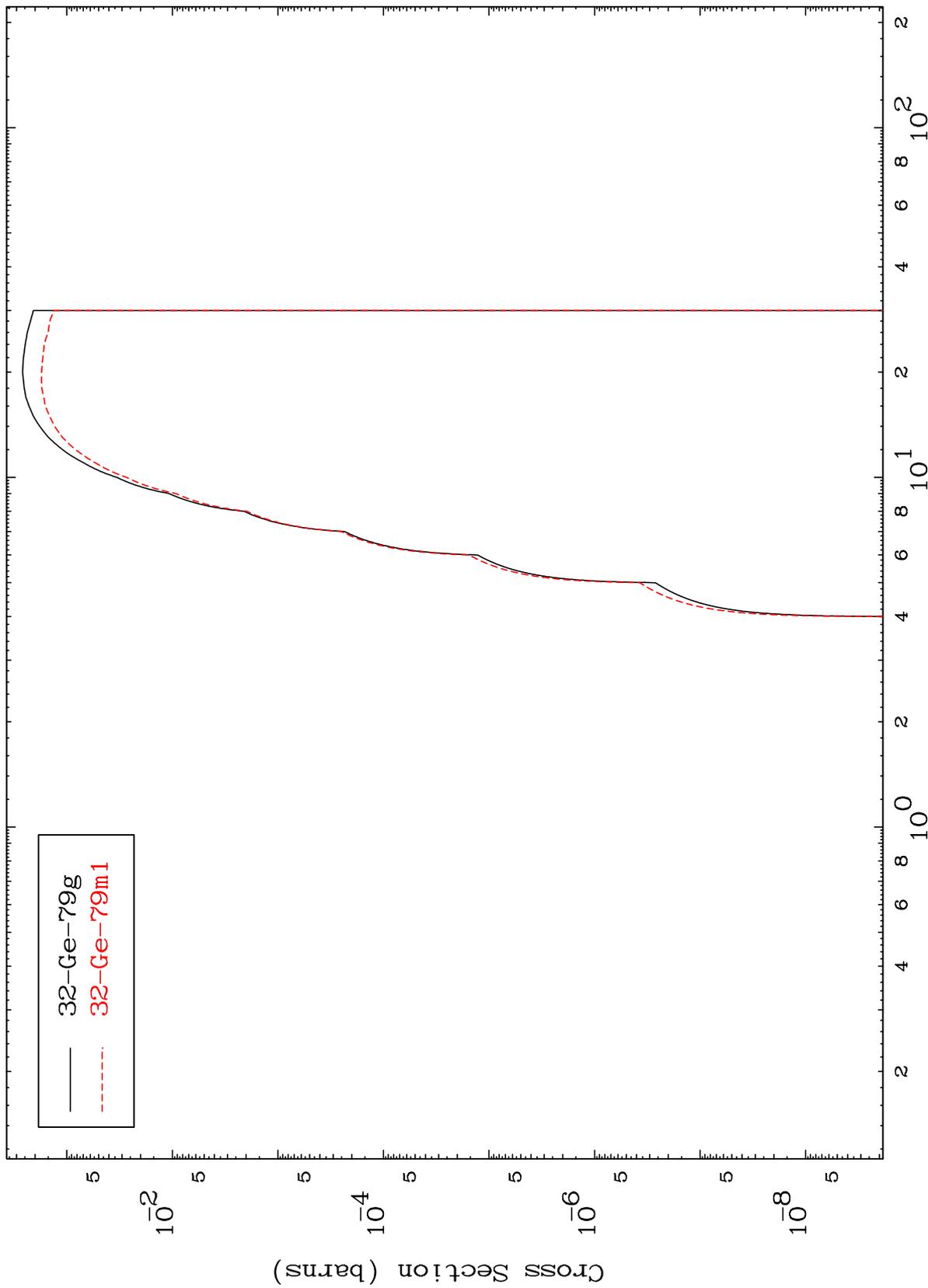
31-Ga-80

MAT 3158

(n,n') t

31-Ga-80

Radionuclide Production Cross Section



16

Incident Energy (MeV)

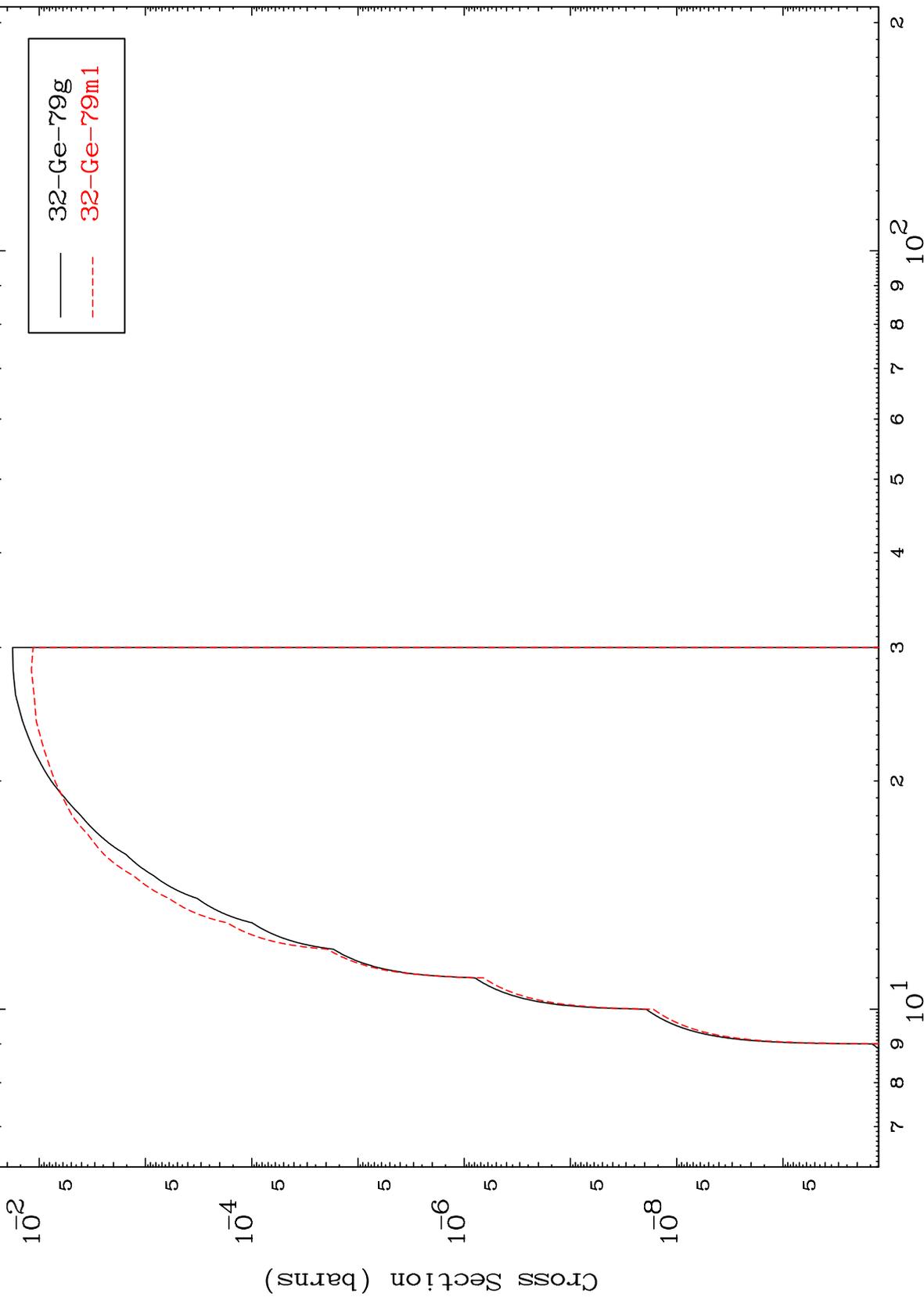
31-Ga-80

MAT 3158

(n,3n) p

31-Ga-80

Radionuclide Production Cross Section



17

Incident Energy (MeV)

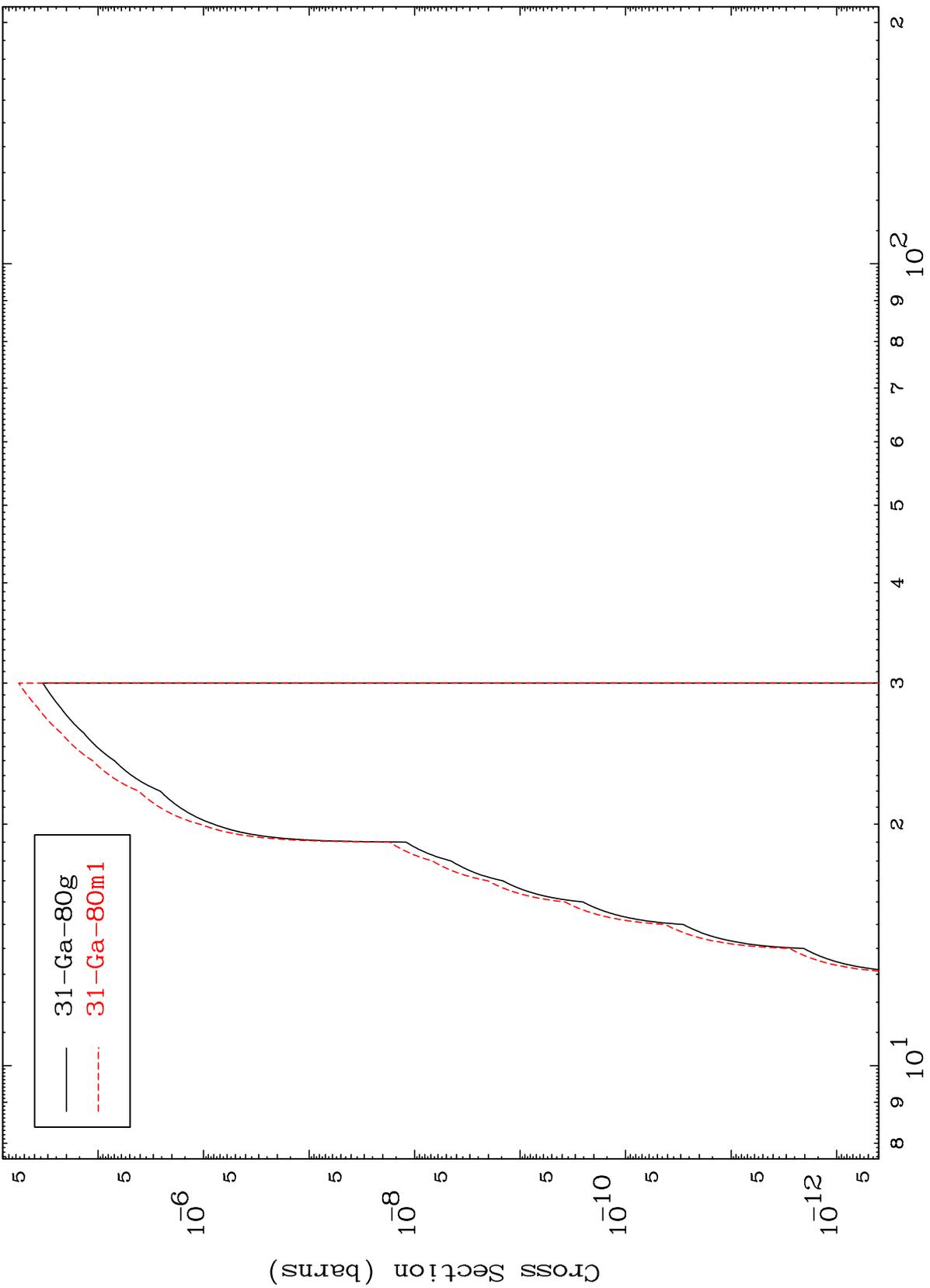
31-Ga-80

MAT 3158

$(n,2n)$  p

$^{31}\text{Ga-80}$

Radionuclide Production Cross Section



18

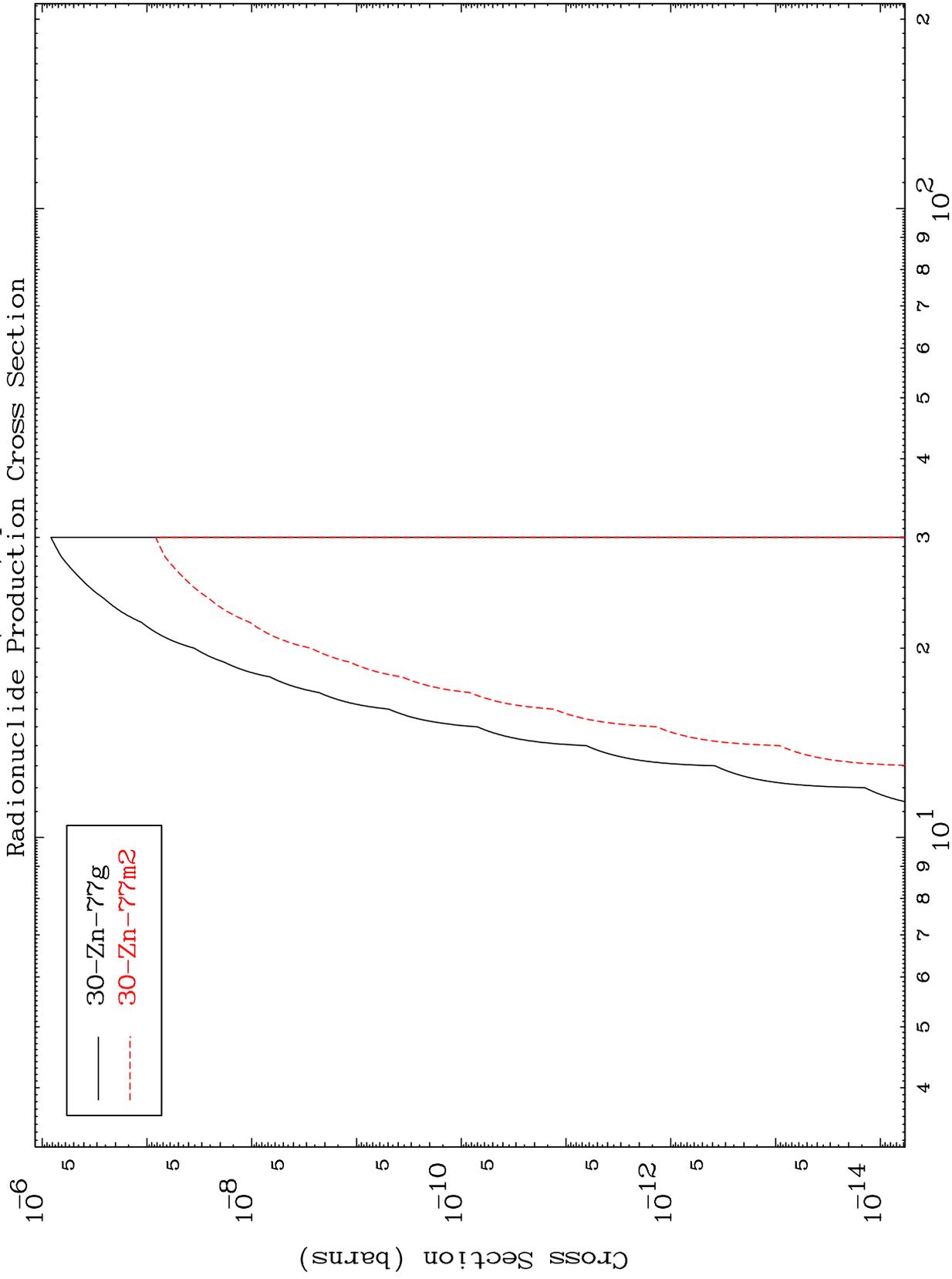
Incident Energy (MeV)

$^{31}\text{Ga-80}$

MAT 3158

(n,n') p  $\alpha$

31-Ga-80



30-Zn-77g  
30-Zn-77m2

19

Incident Energy (MeV)

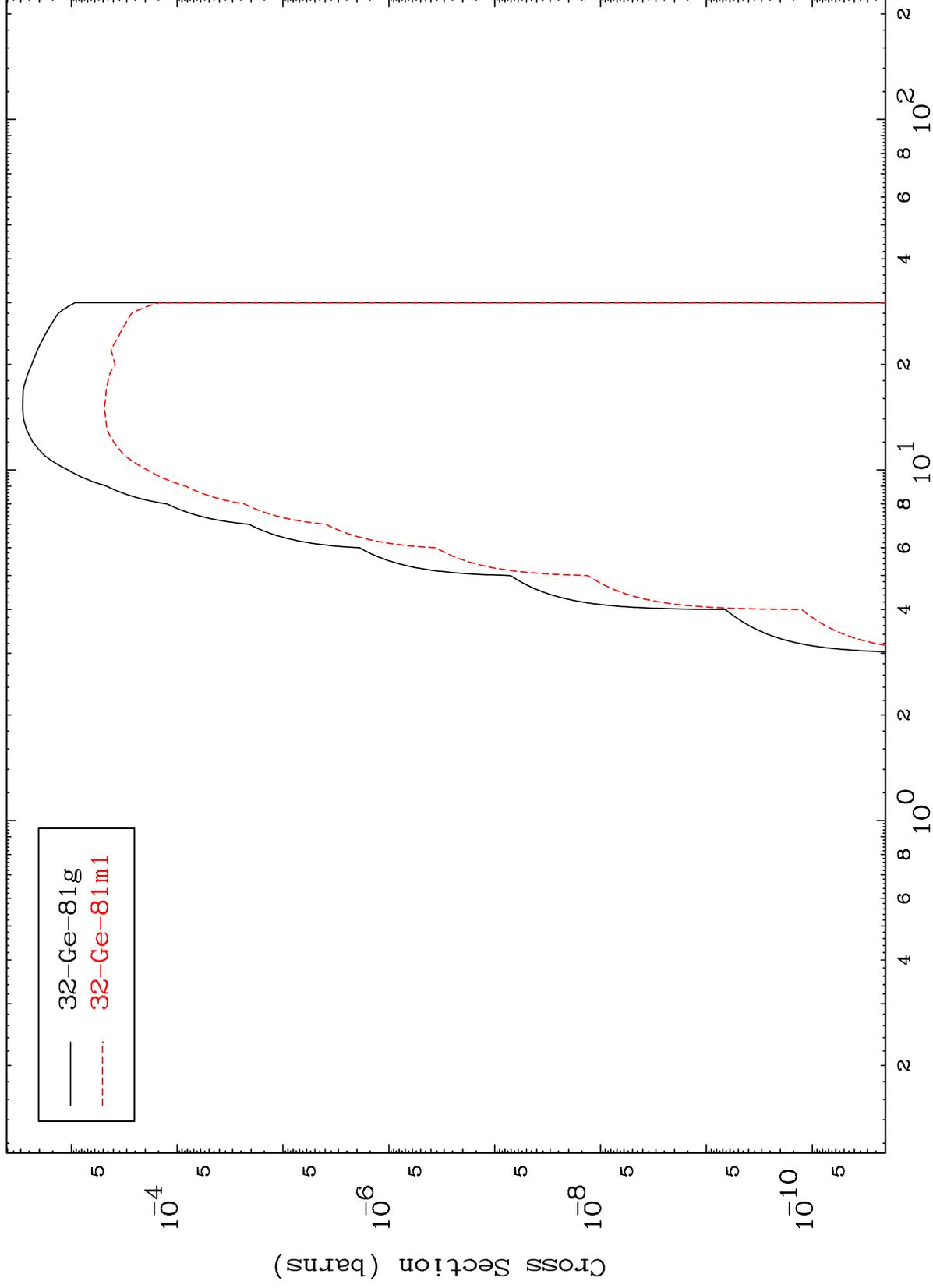
31-Ga-80

MAT 3158

(n,d)

31-Ga-80

Radionuclide Production Cross Section



20

Incident Energy (MeV)

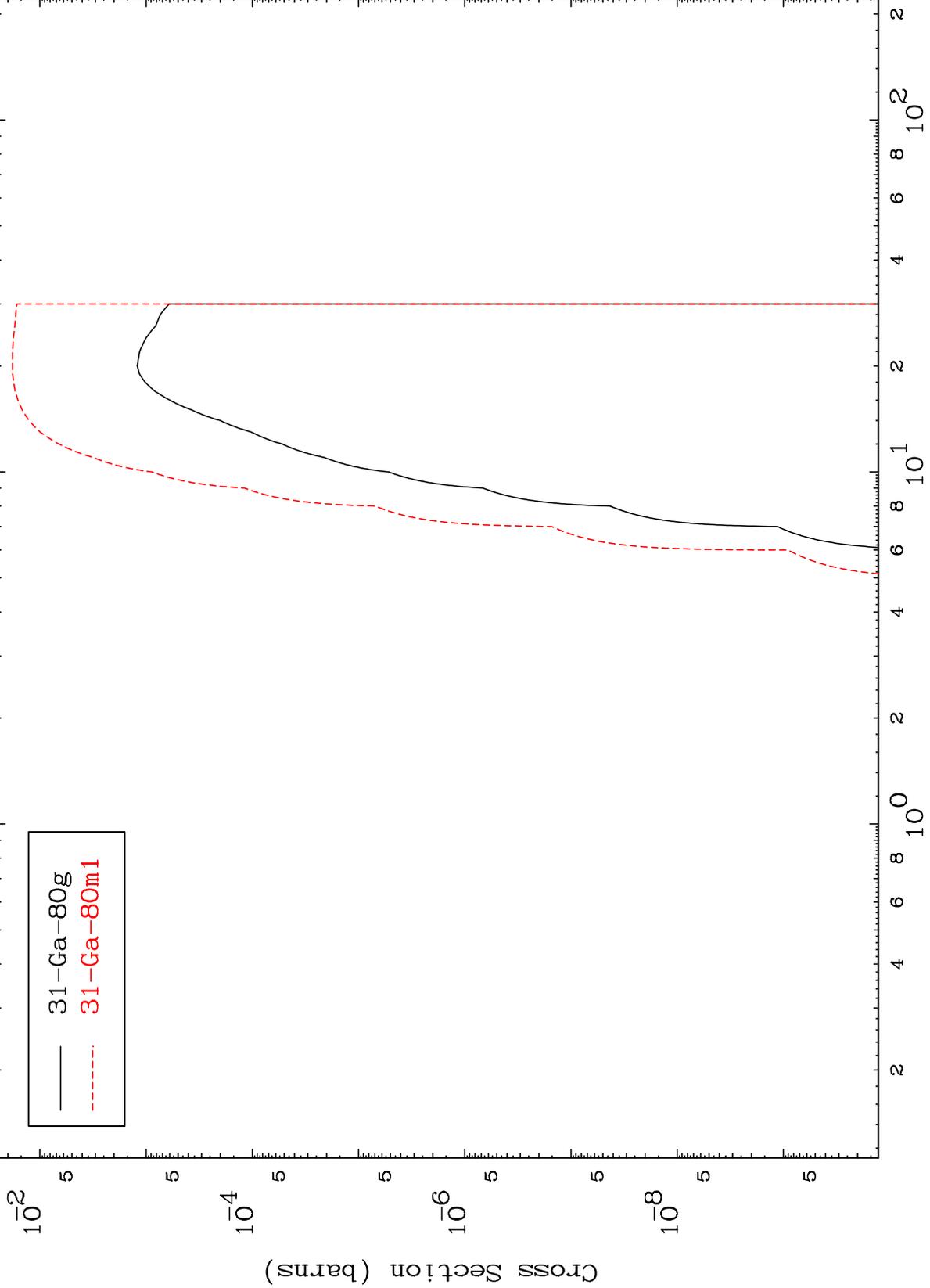
31-Ga-80

MAT 3158

(n,He-3)

31-Ga-80

Radionuclide Production Cross Section



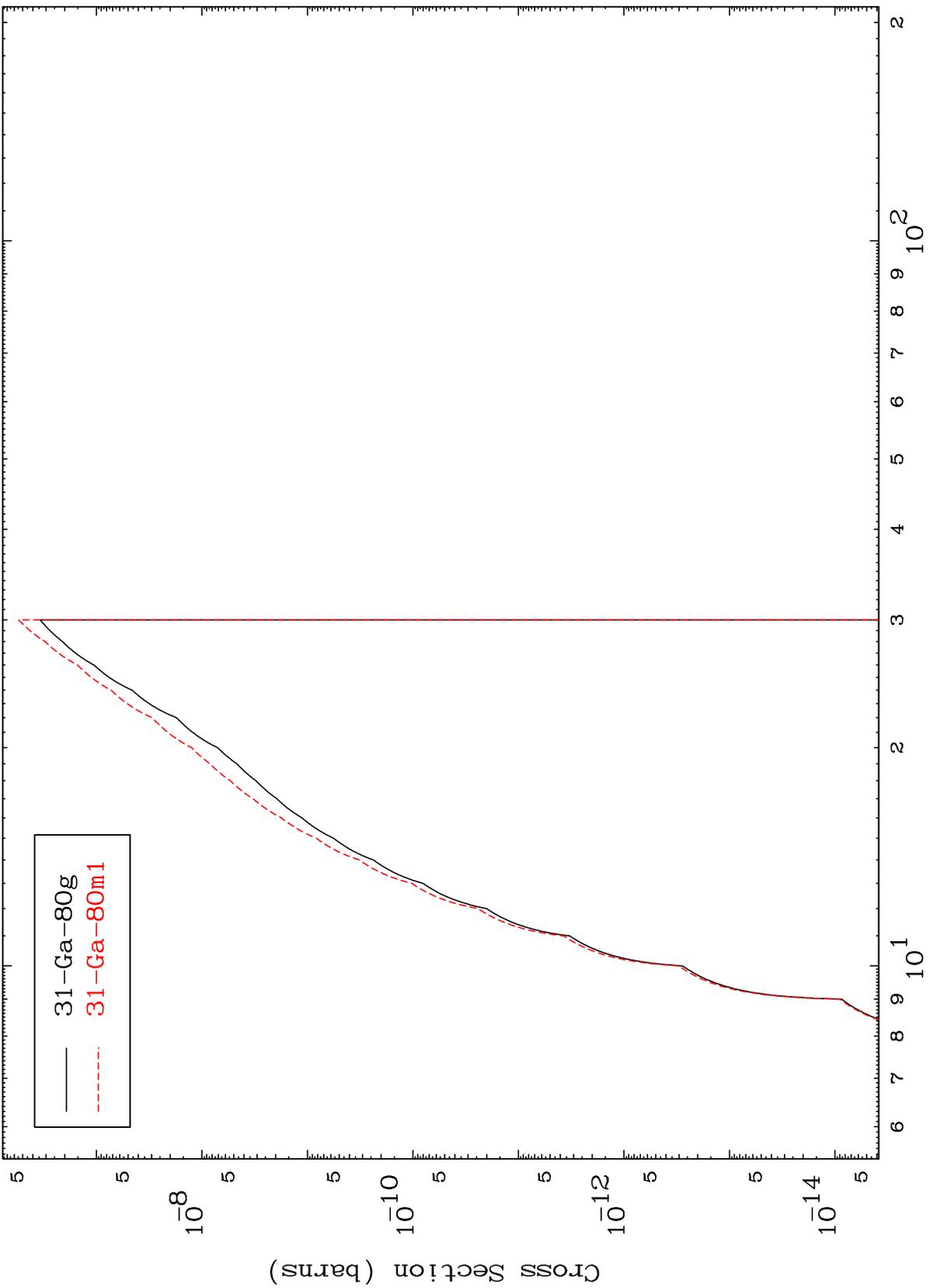
31-Ga-80g  
31-Ga-80m1

MAT 3158

(n,p) d

<sup>31</sup>Ga-80

Radionuclide Production Cross Section



22

Incident Energy (MeV)

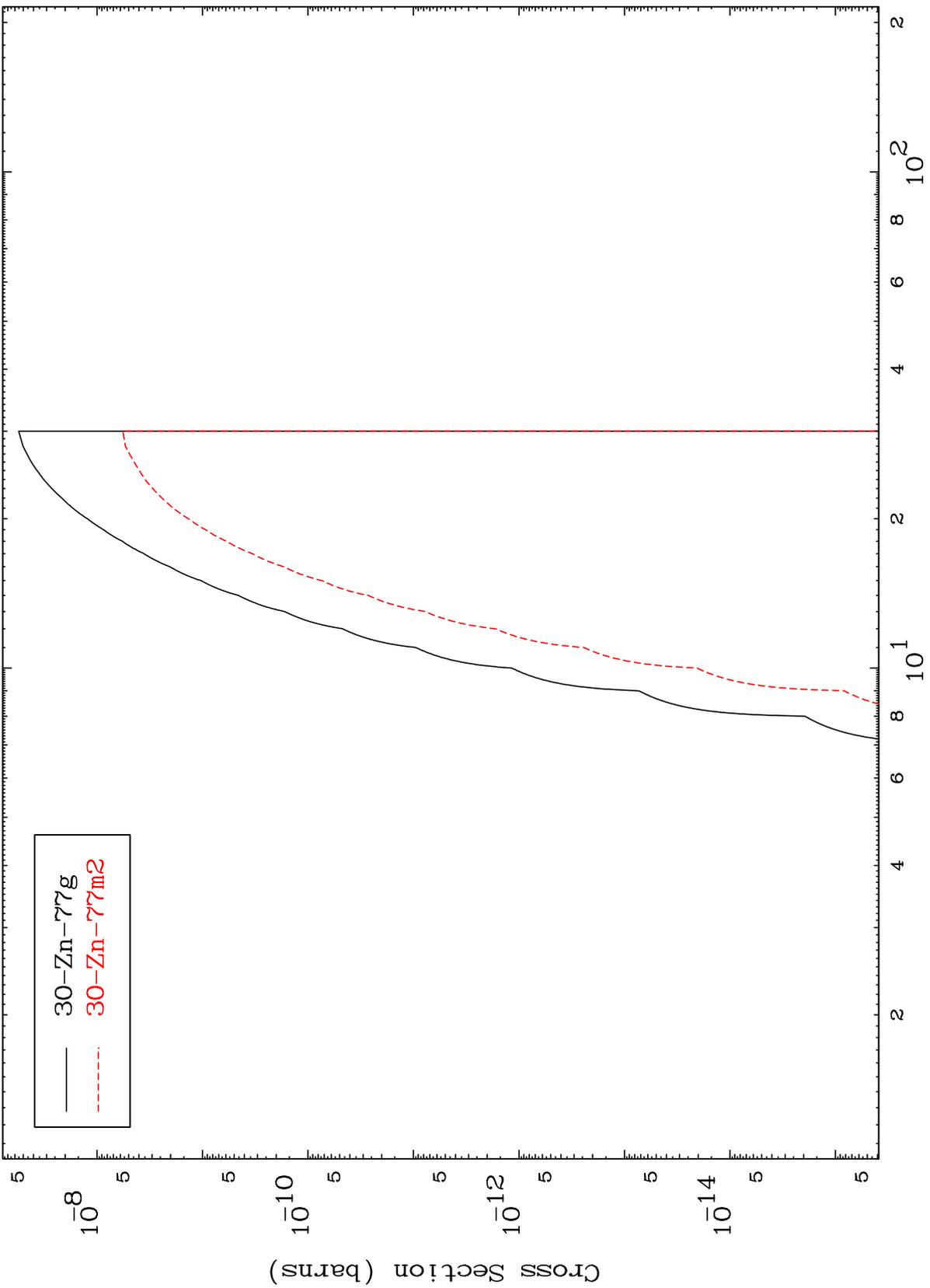
<sup>31</sup>Ga-80

MAT 3158

(n,d)  $\alpha$

31-Ga-80

Radionuclide Production Cross Section



23

Incident Energy (MeV)

31-Ga-80