

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

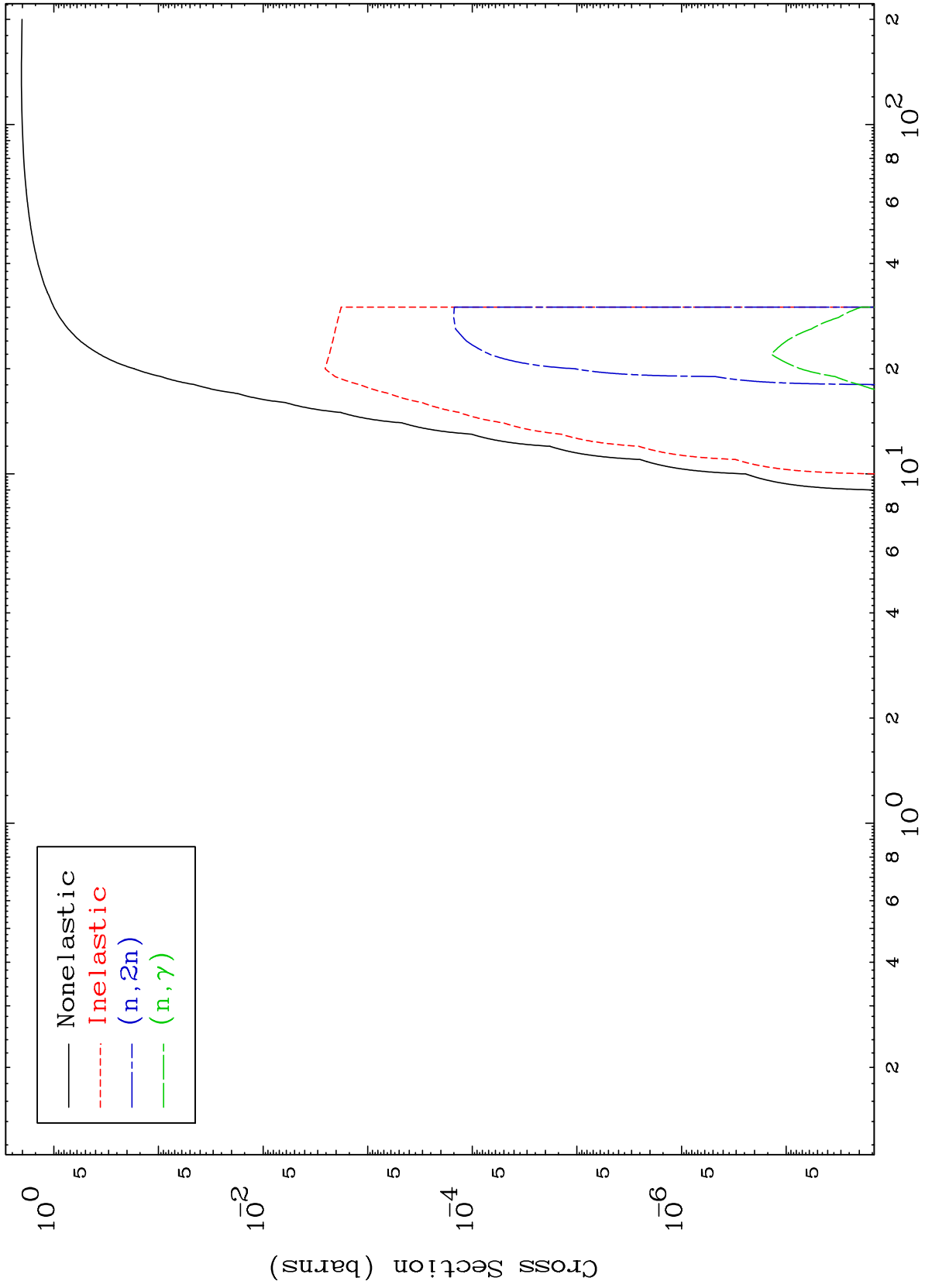
Press Mouse Button to Start

MAT 6780

He-3 Major

68-Er-147

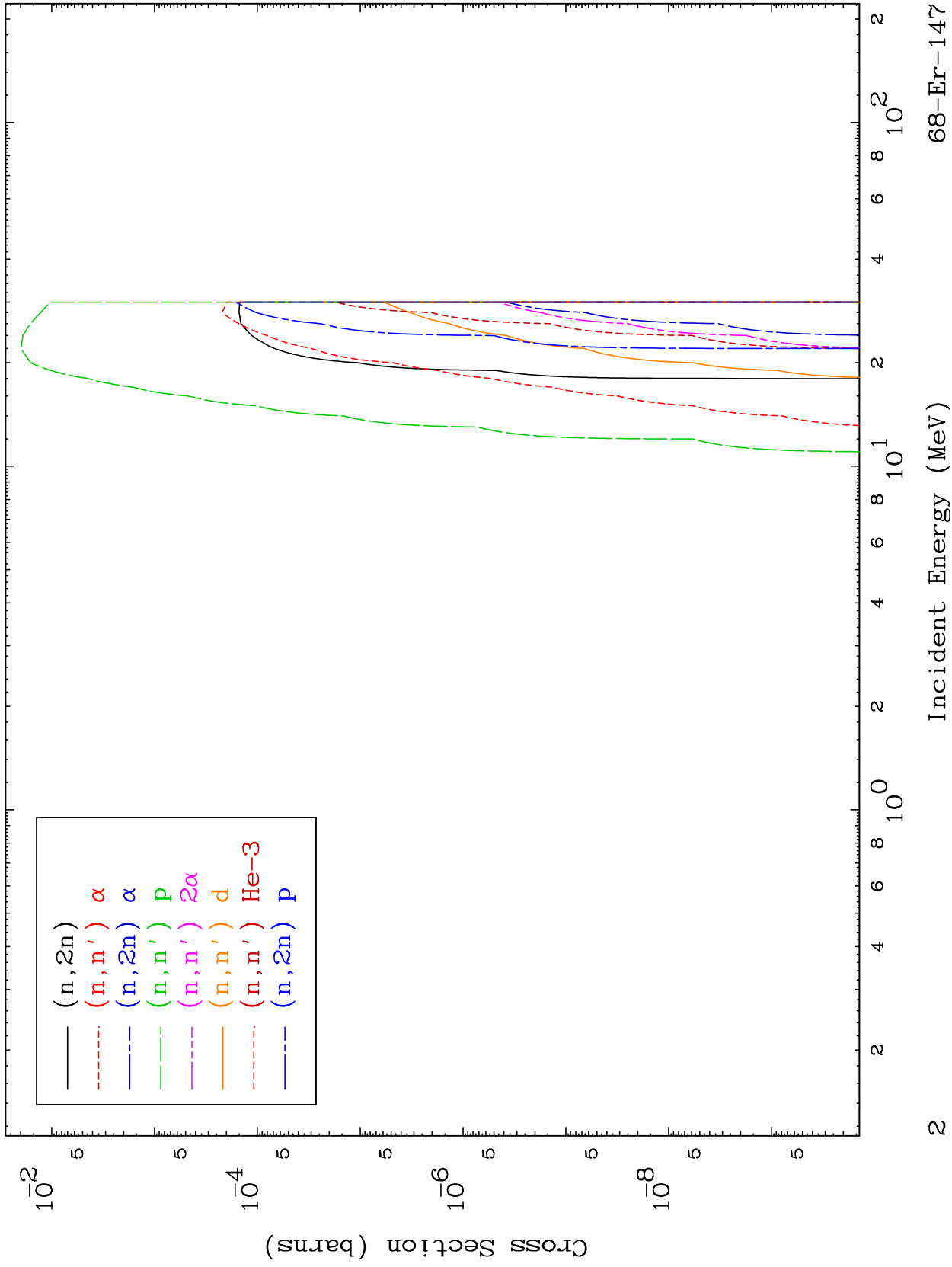
0 Kelvin Cross Sections



MAT 6780

He-3 Neutron Absorption  
0 Kelvin Cross Sections

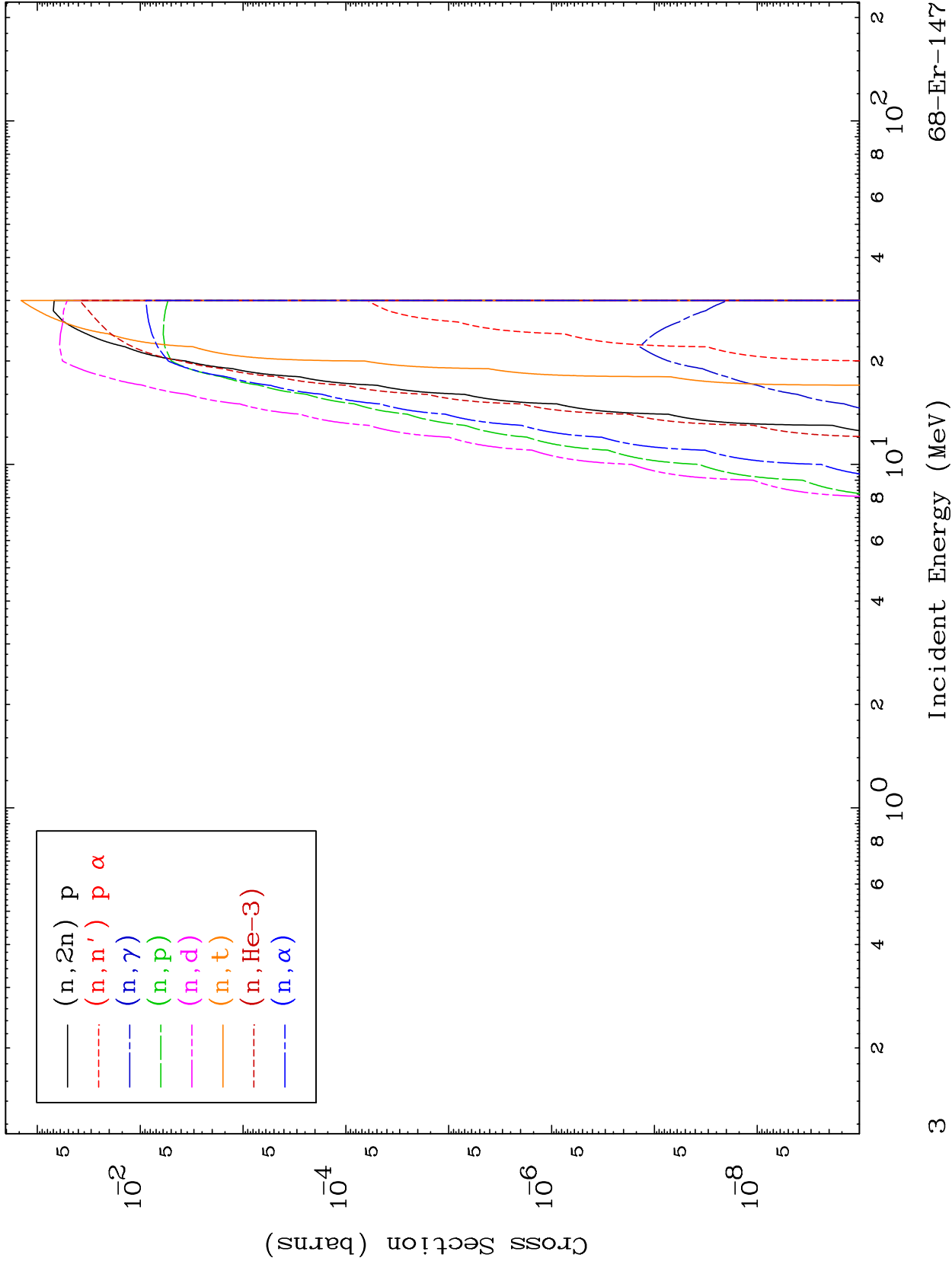
68-Er-147



MAT 6780

He-3 Neutron Absorption  
0 Kelvin Cross Sections

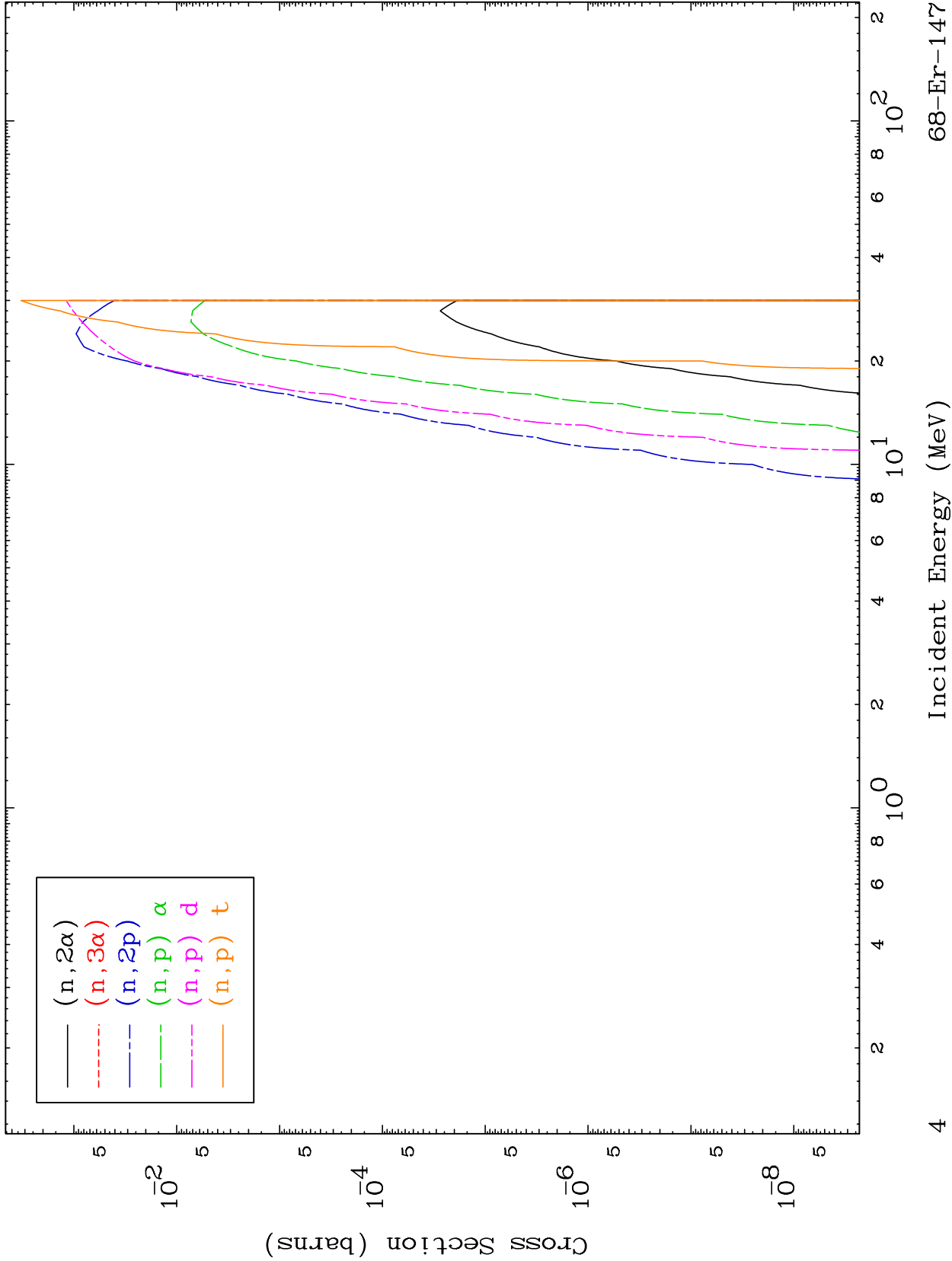
68-Er-147

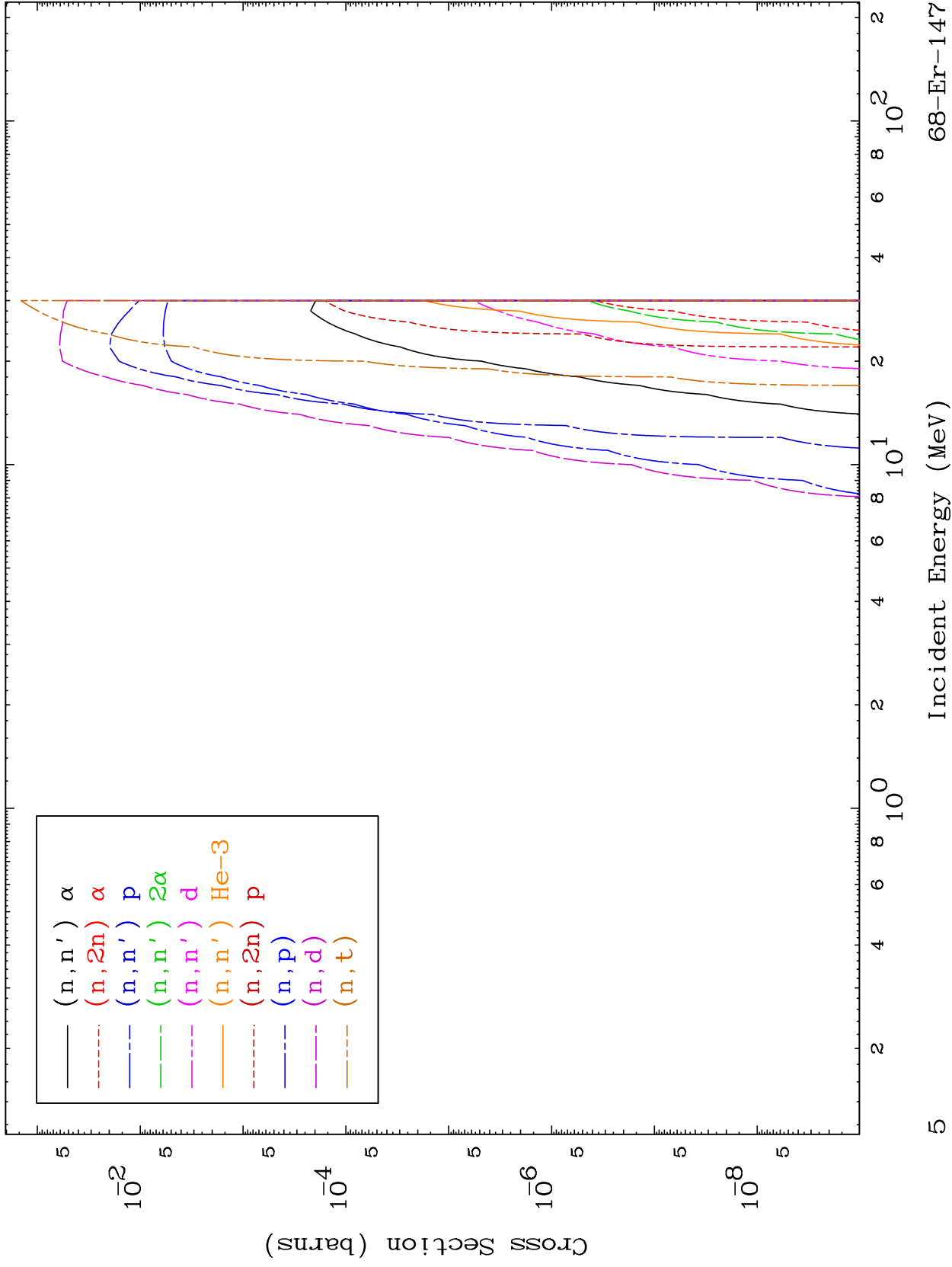


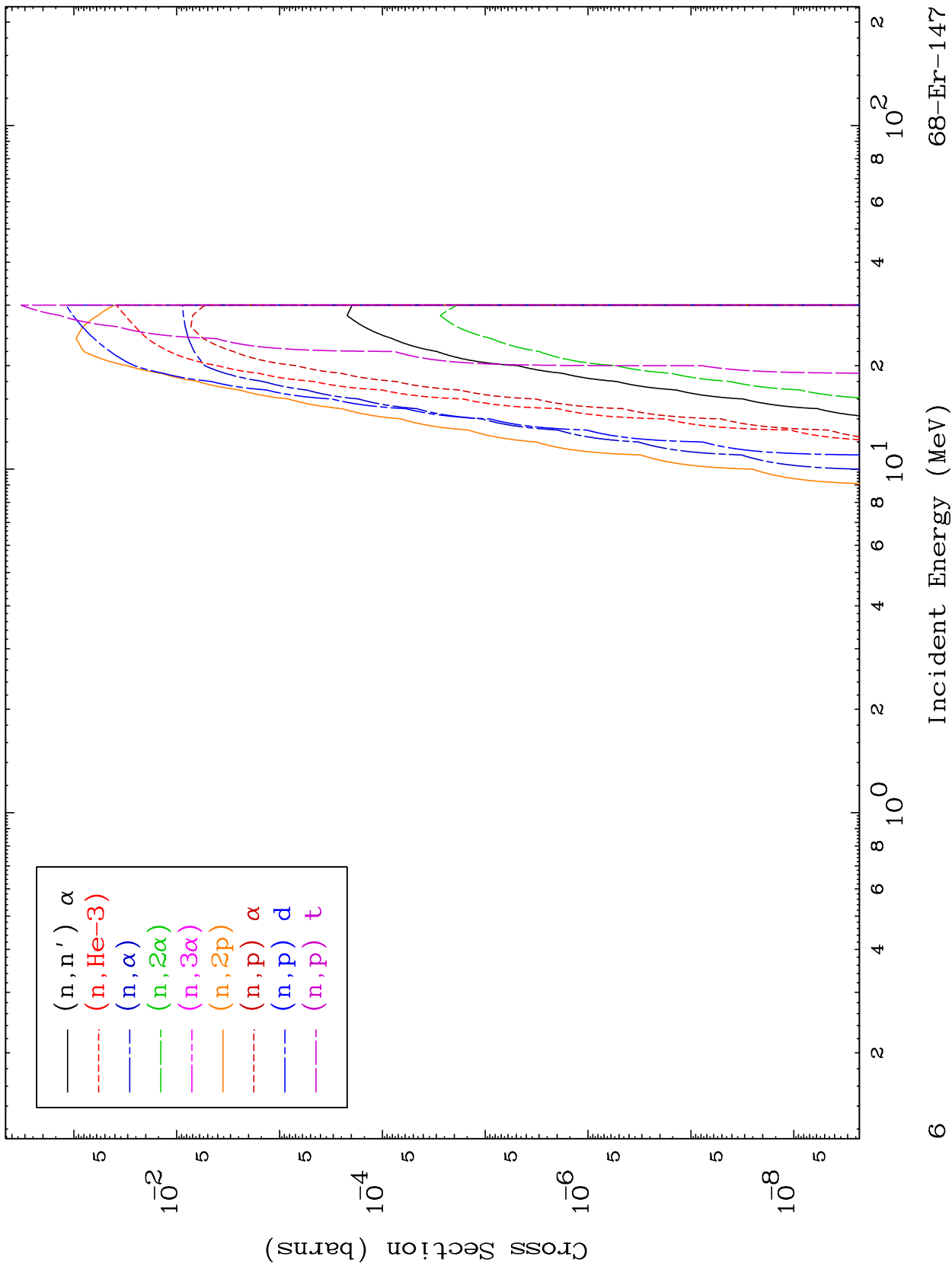
MAT 6780

He-3 Neutron Absorption  
0 Kelvin Cross Sections

68-Er-147



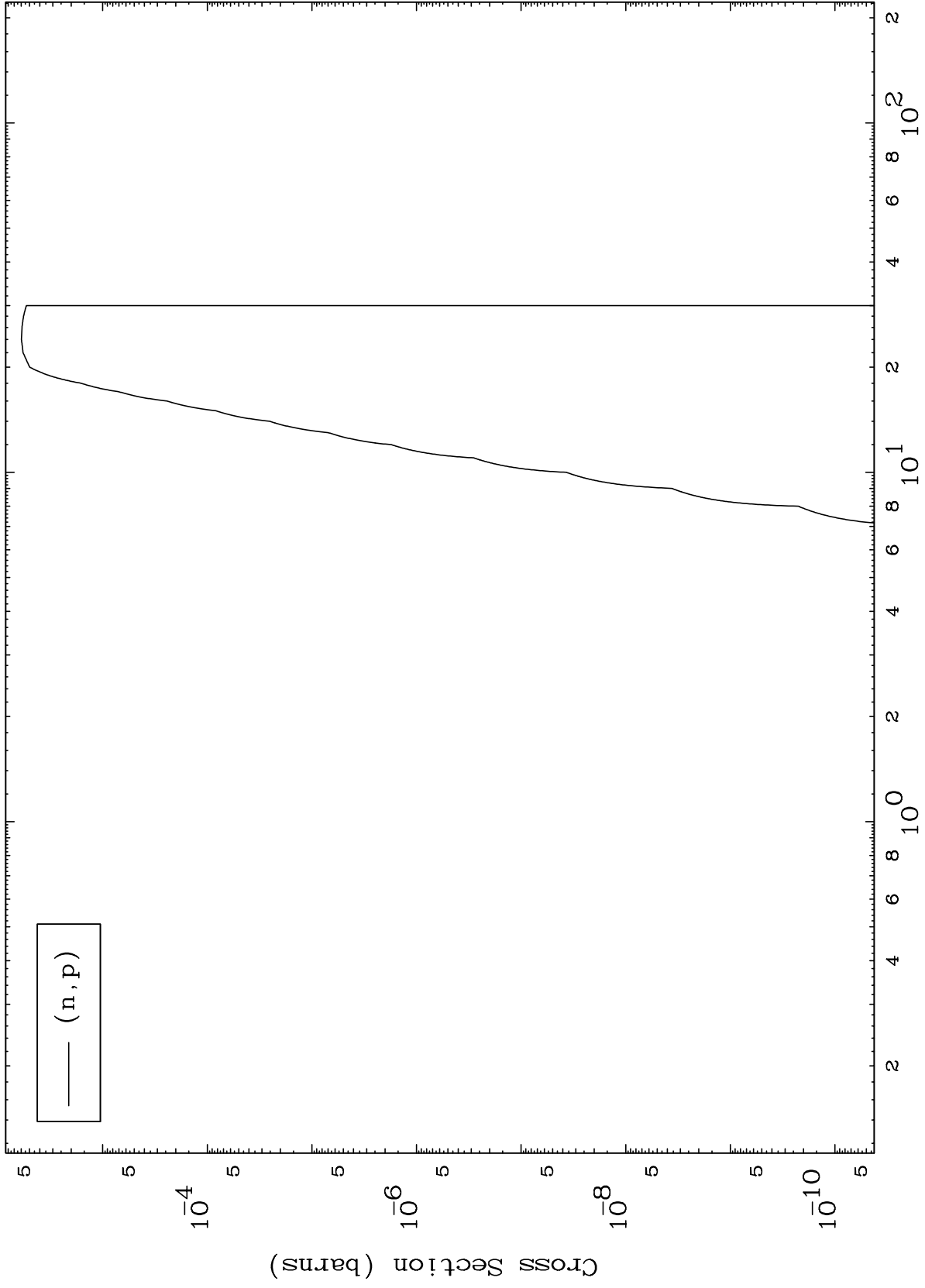




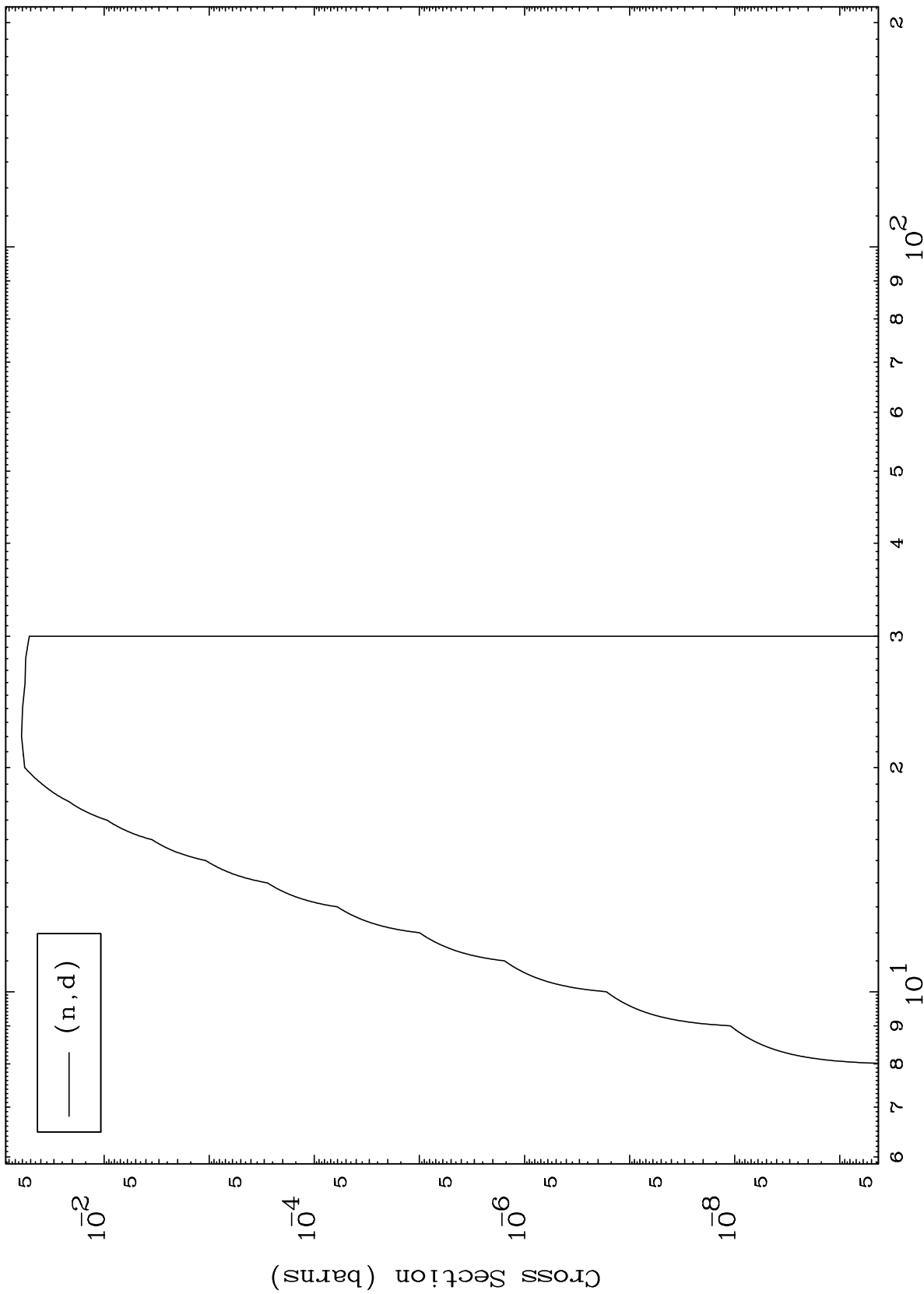
MAT 6780

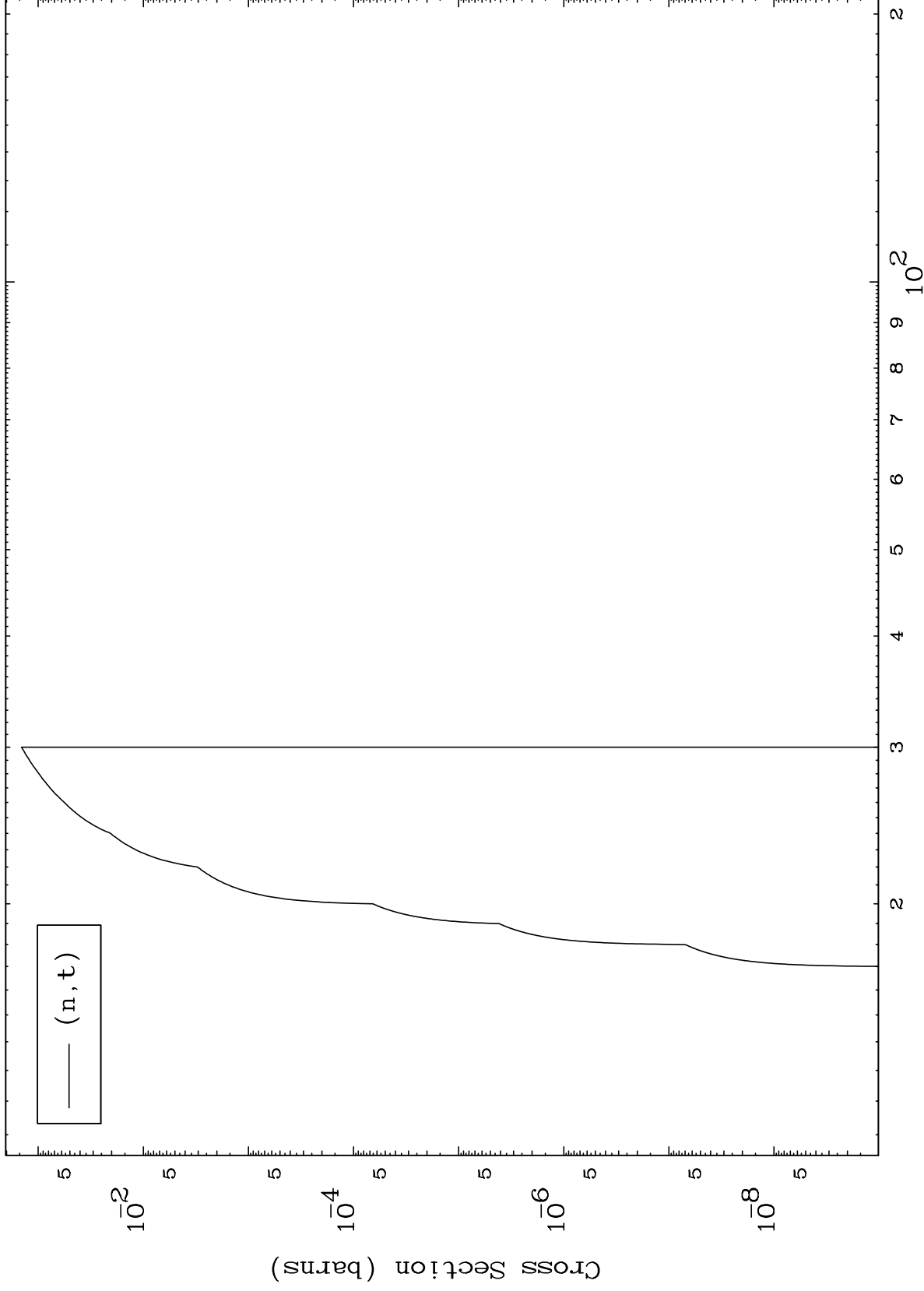
(He-3,p) Levels  
0 Kelvin Cross Sections

68-Er-147



0 Kelvin Cross Sections



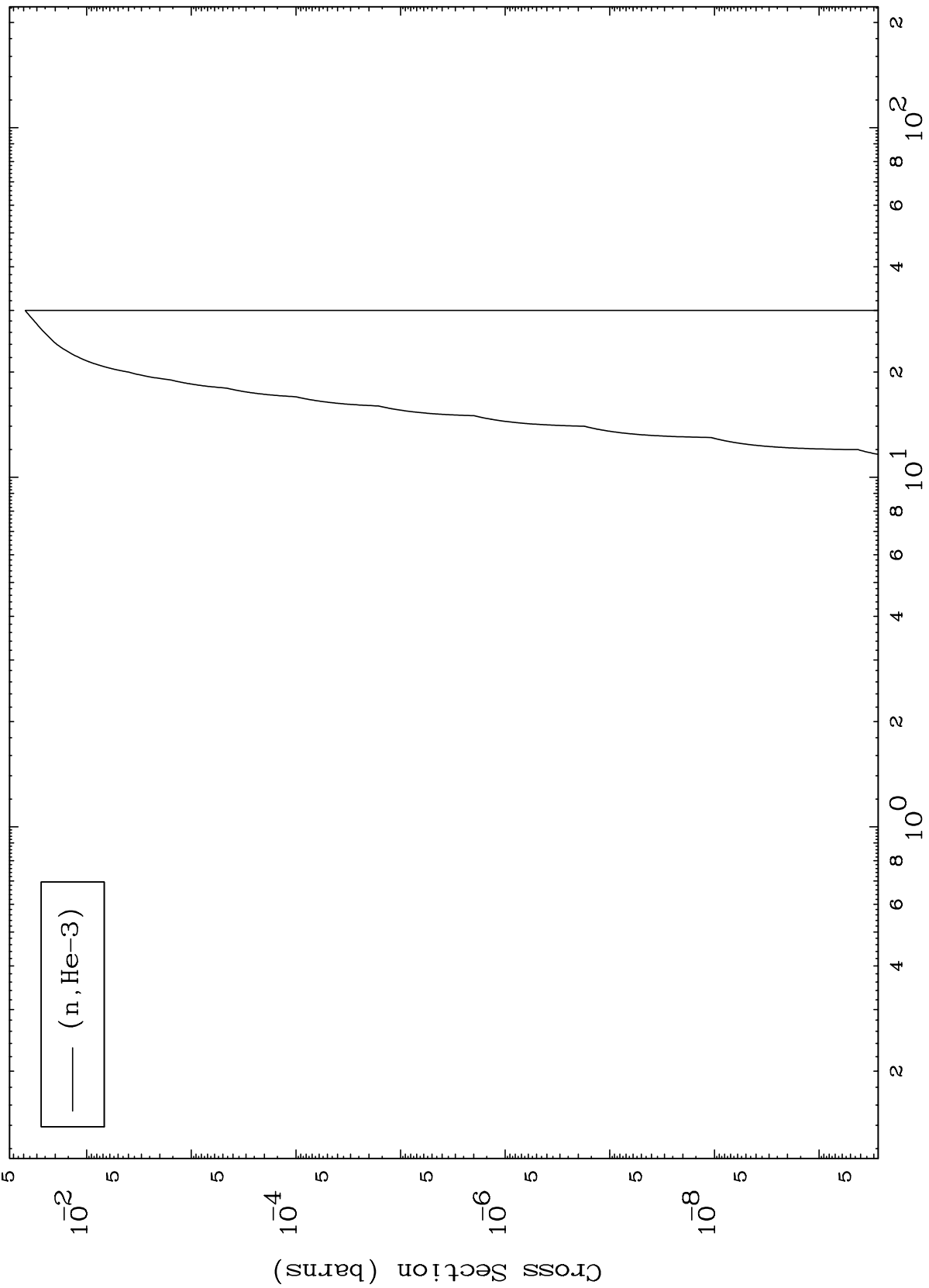


MAT 6780

(He-3, He3) Levels

68-Er-147

0 Kelvin Cross Sections



10

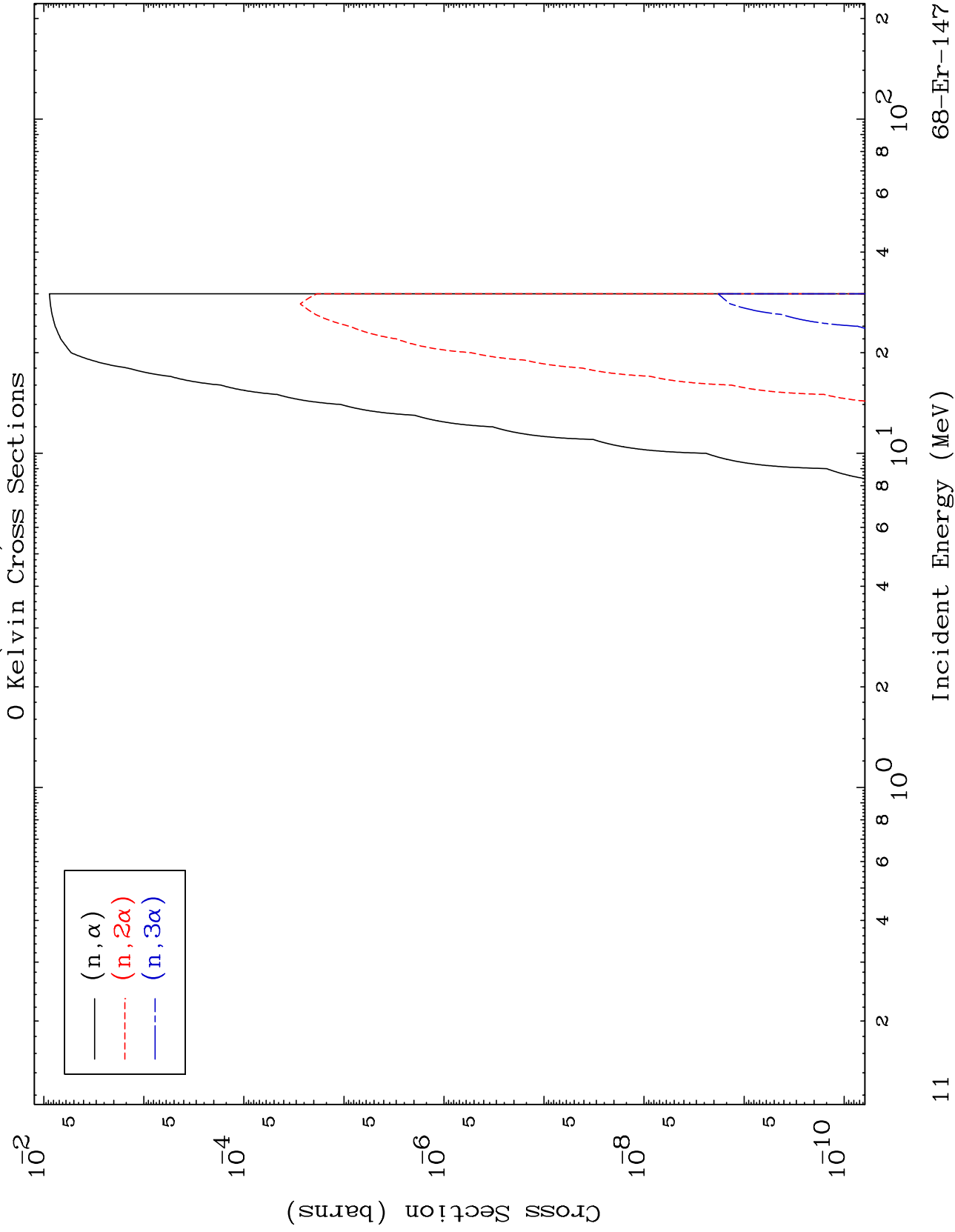
Incident Energy (MeV)

68-Er-147

MAT 6780

(He-3,  $\alpha$ ) Levels

68-Er-147

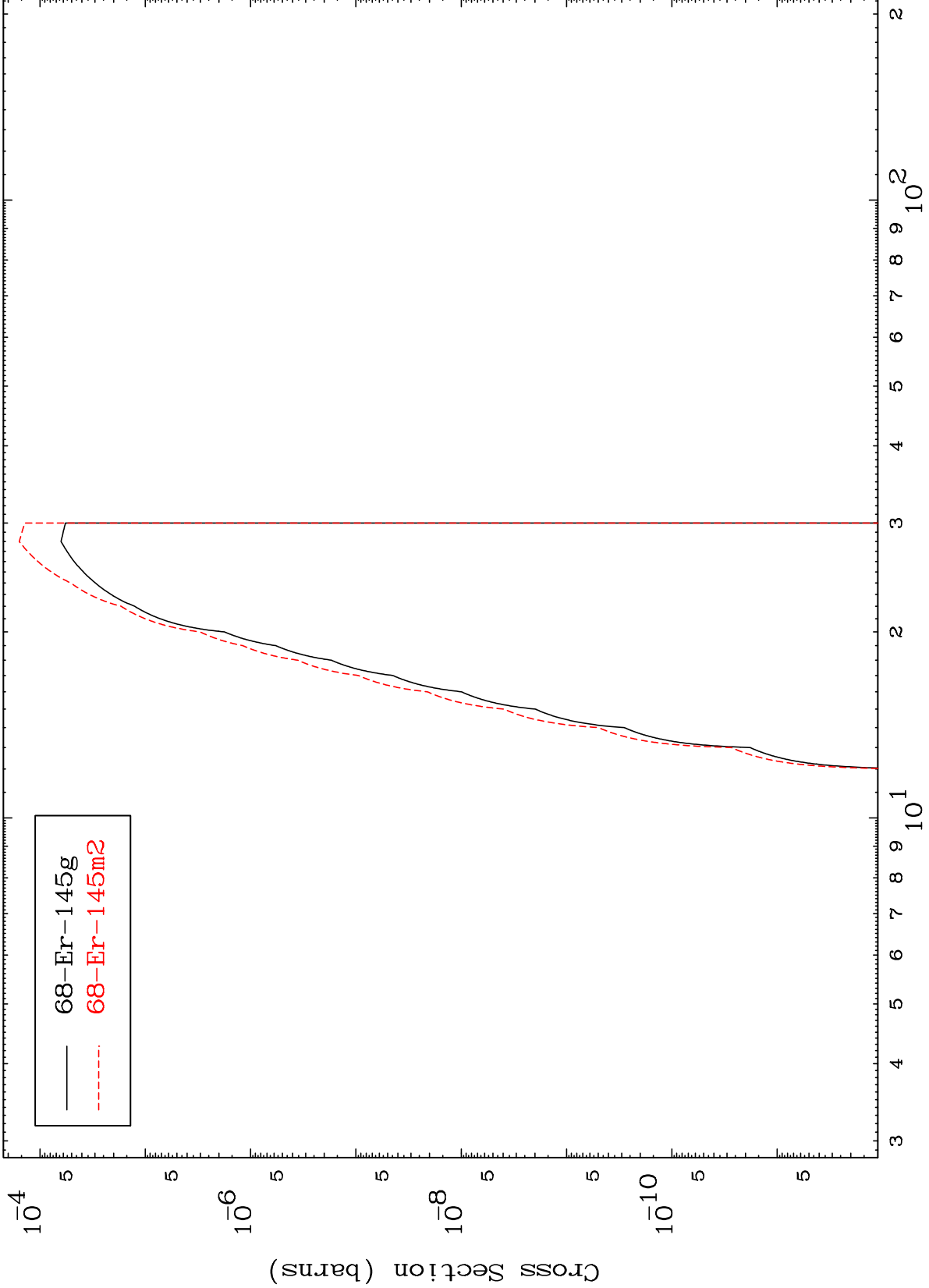


MAT 6780

$(n, n') \alpha$

68-Er-147

Radionuclide Production Cross Section



68-Er-145g  
68-Er-145m2

Incident Energy (MeV)

68-Er-147

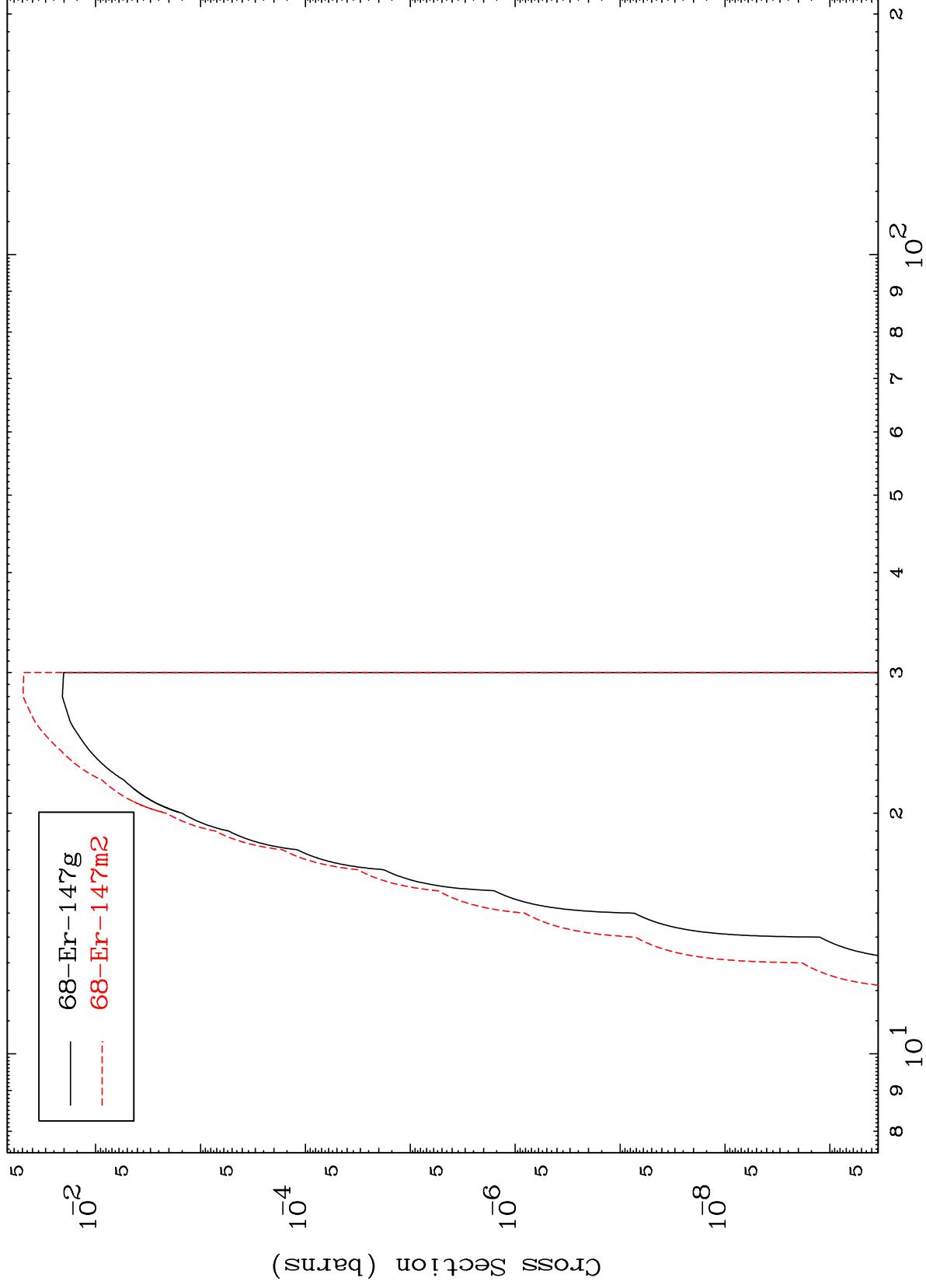
12

MAT 6780

(n,2n) p

68-Er-147

Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-147

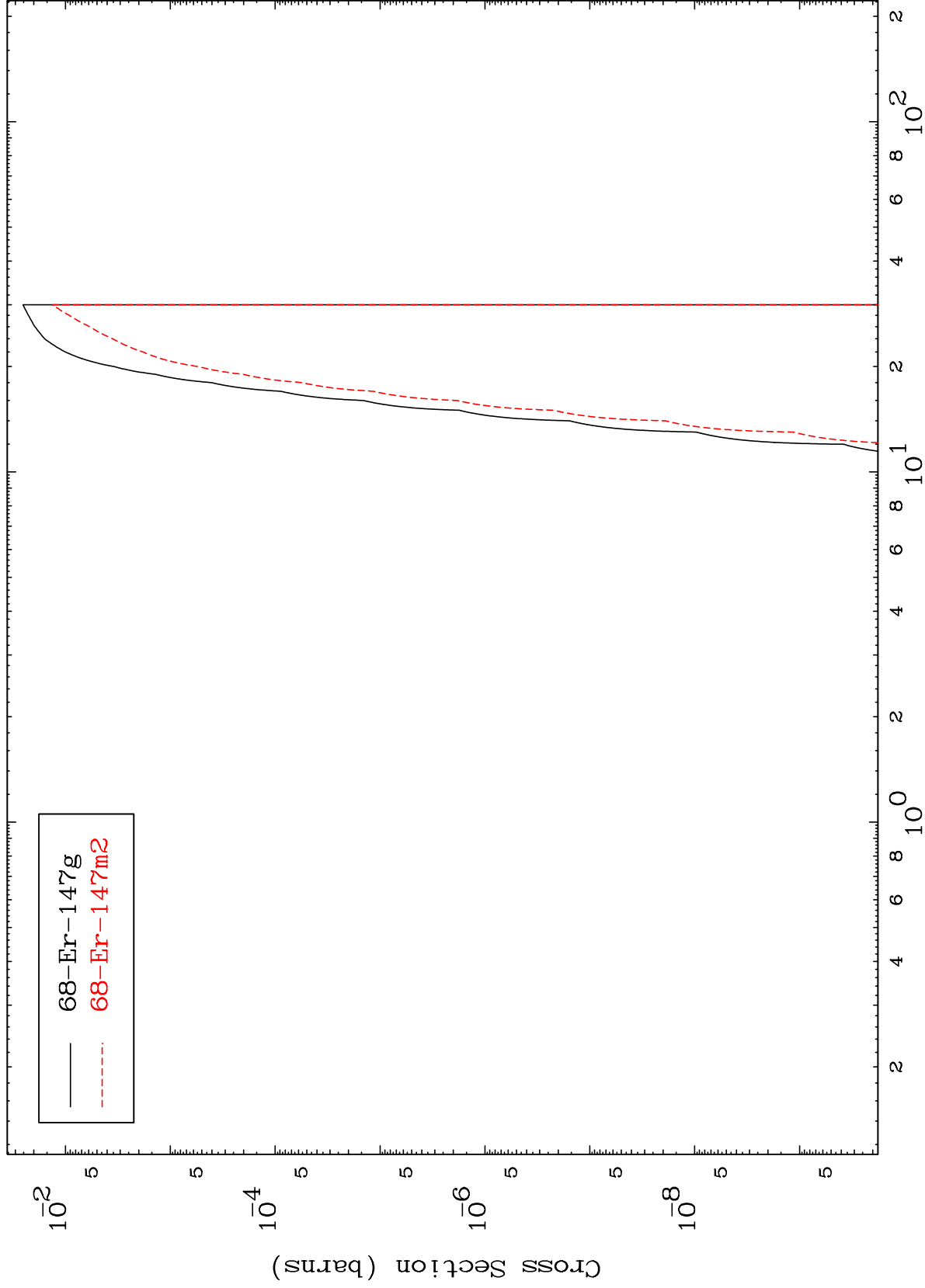
13

MAT 6780

(n,He-3)

68-Er-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

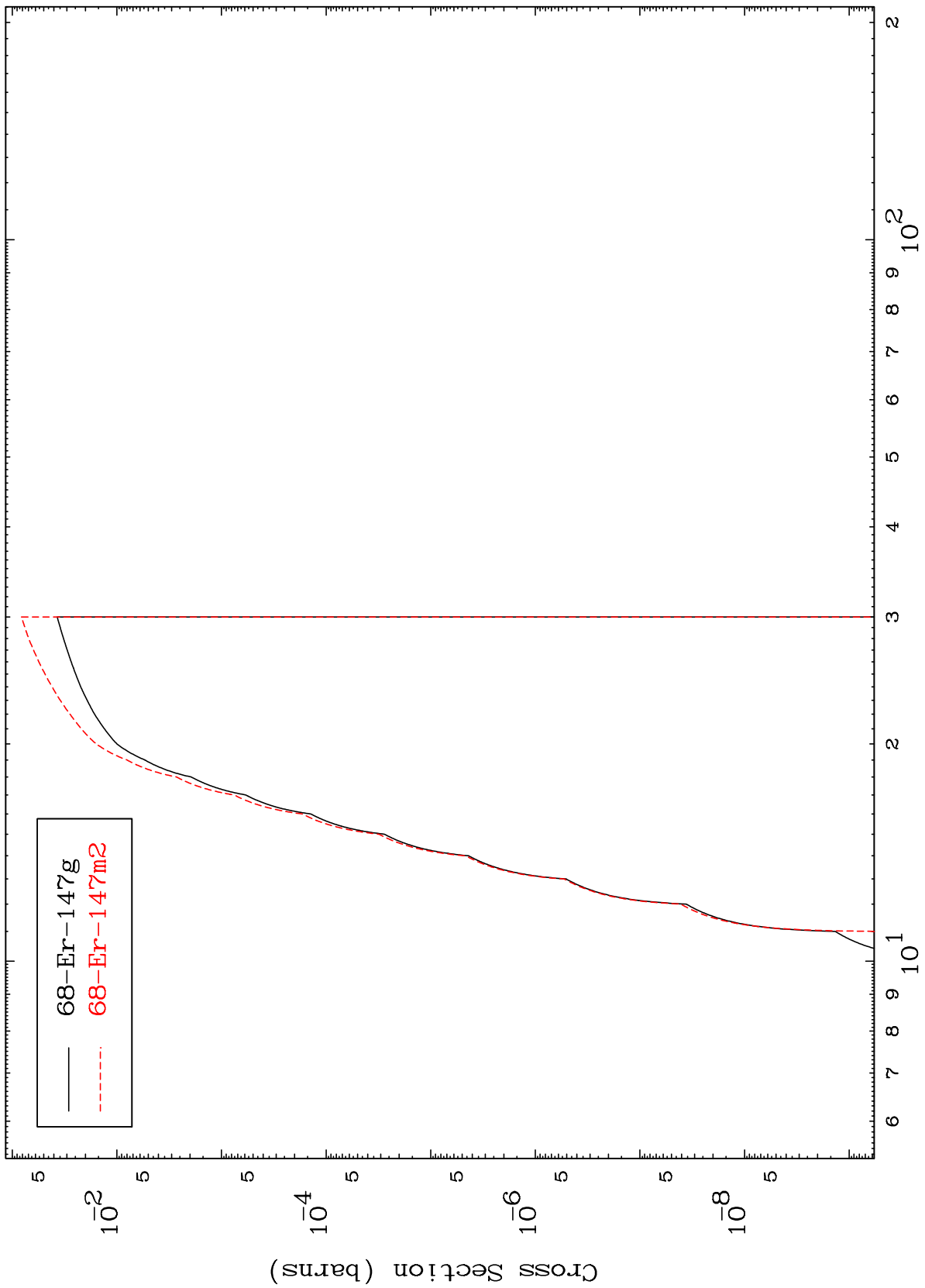
68-Er-147

MAT 6780

$^{68}\text{Er-147}$  d

$^{68}\text{Er-147}$

Radionuclide Production Cross Section



—  $^{68}\text{Er-147g}$   
- - -  $^{68}\text{Er-147m2}$

15

Incident Energy (MeV)

$^{68}\text{Er-147}$