

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

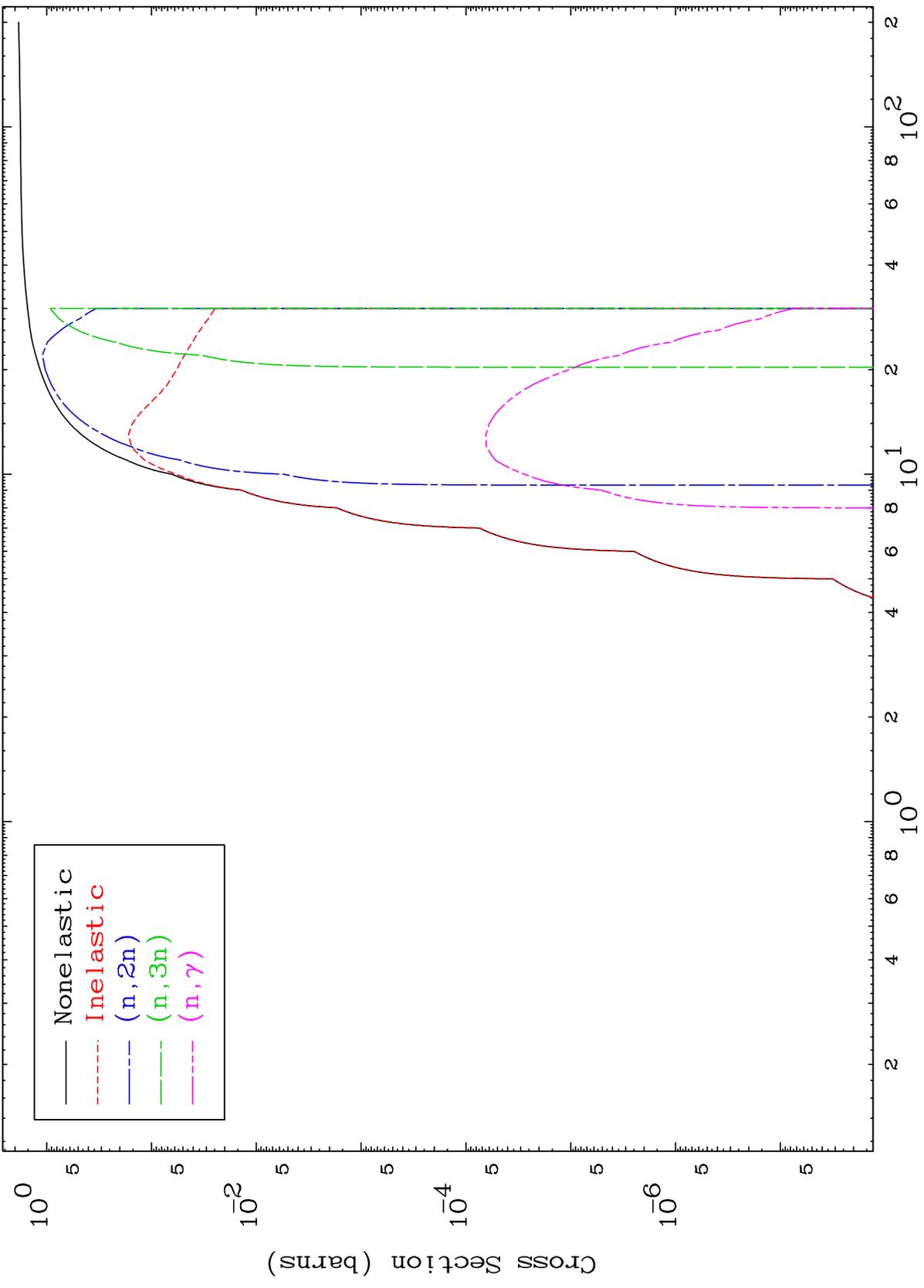
Press Mouse Button to Start

MAT 3449

$\alpha$  Major

<sup>34</sup>Se-82

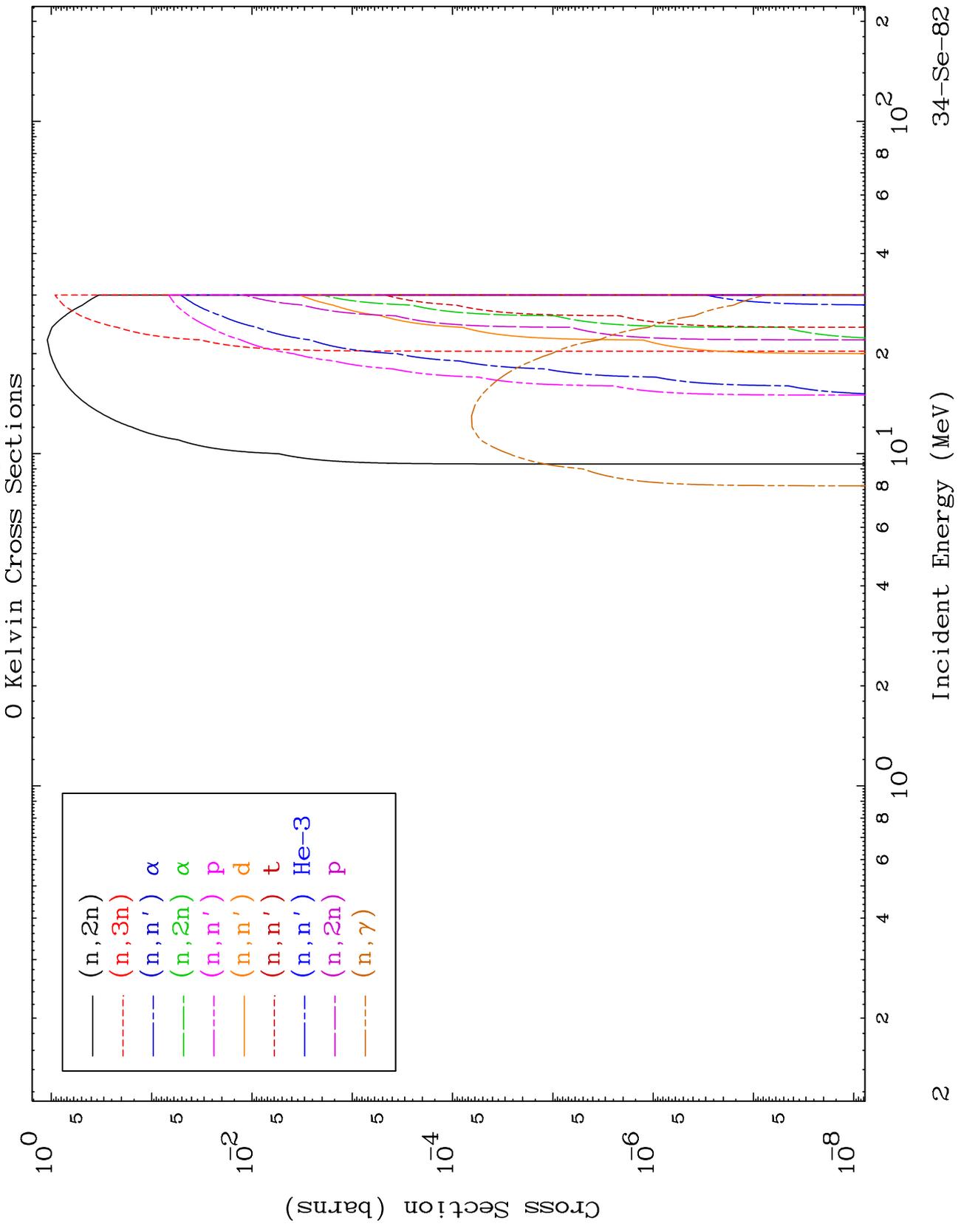
0 Kelvin Cross Sections



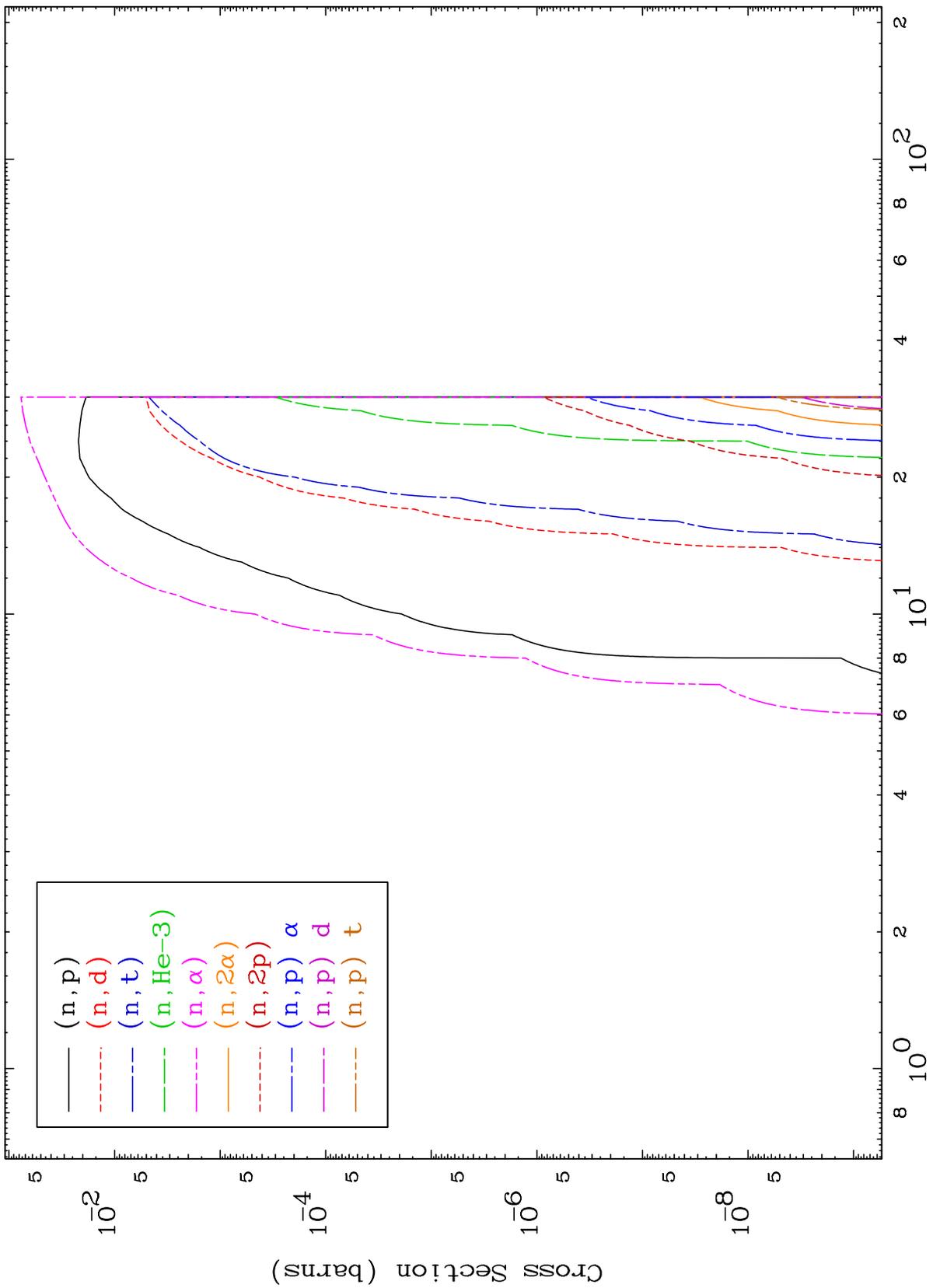
MAT 3449

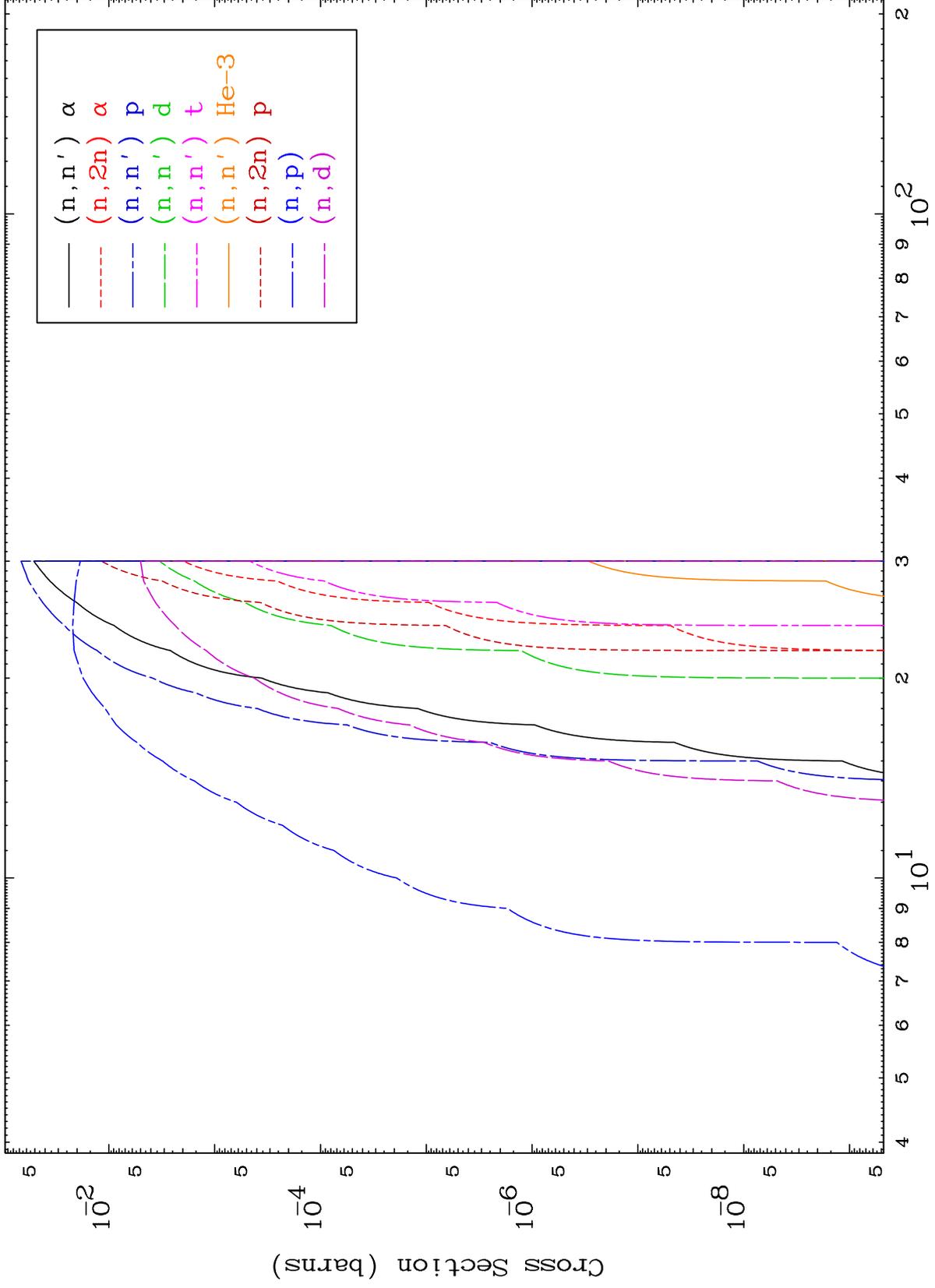
$\alpha$  Neutron Absorption

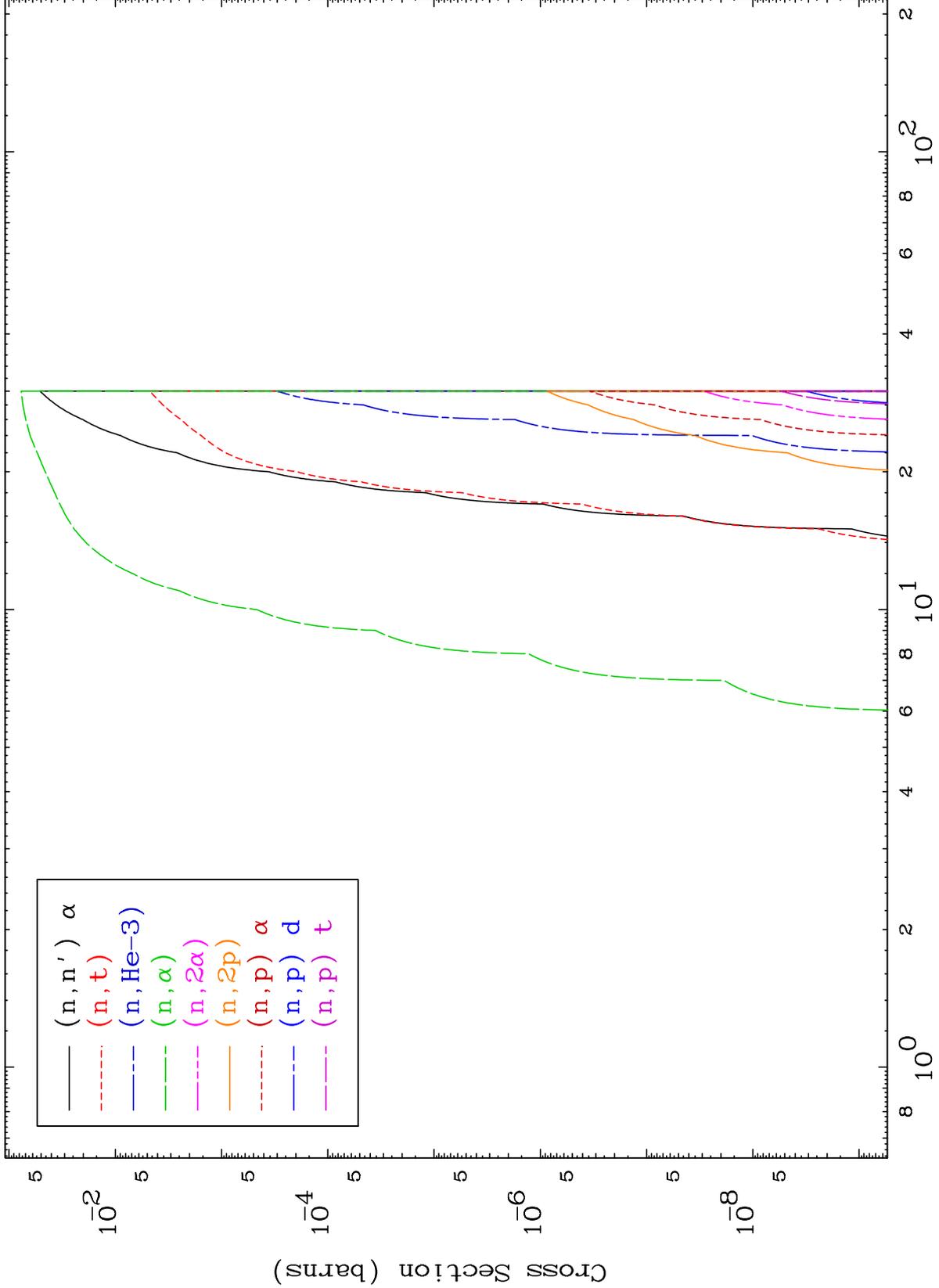
<sup>34</sup>Se-82



$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections



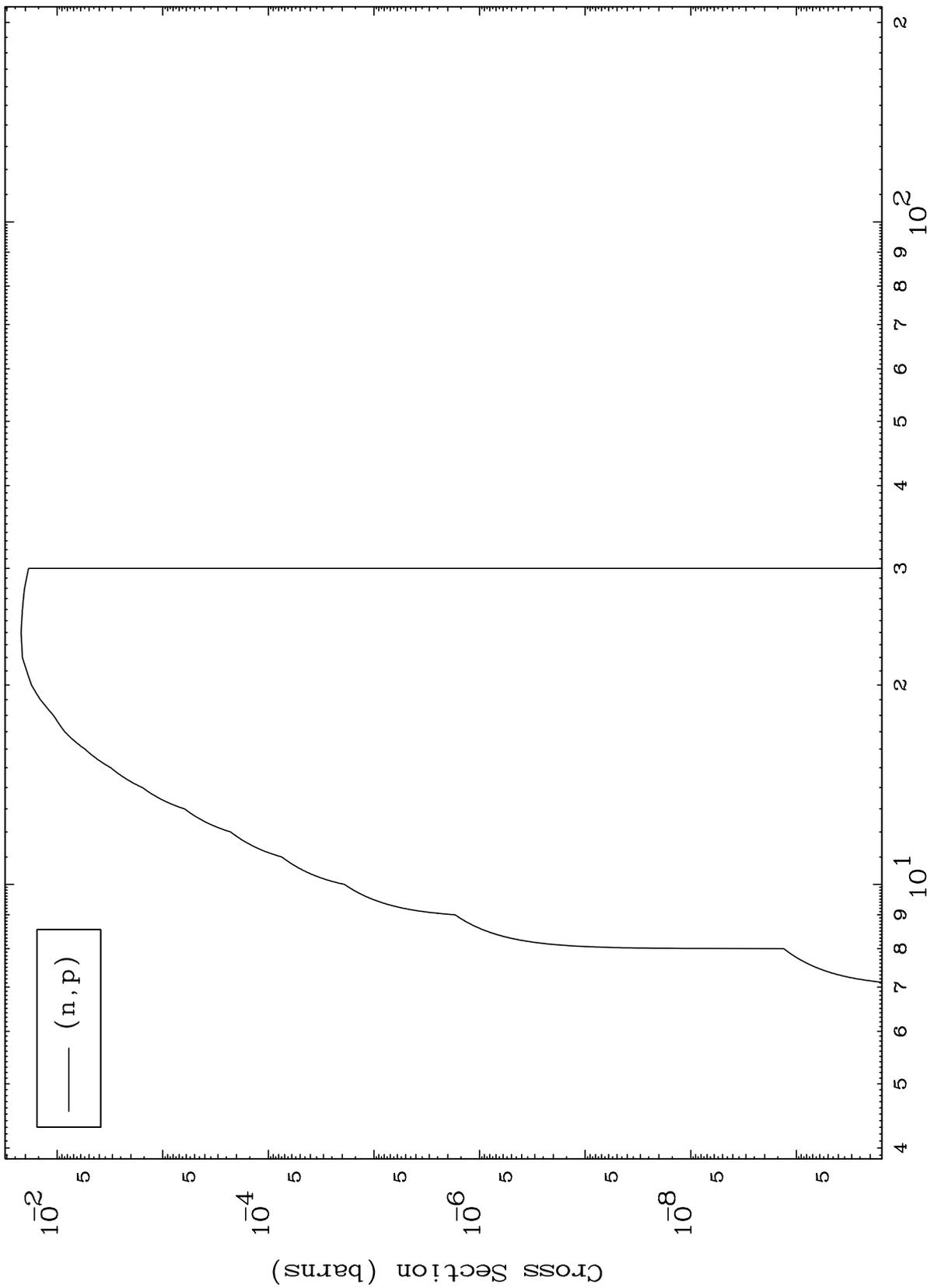




MAT 3449

34-Se-82

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



34-Se-82

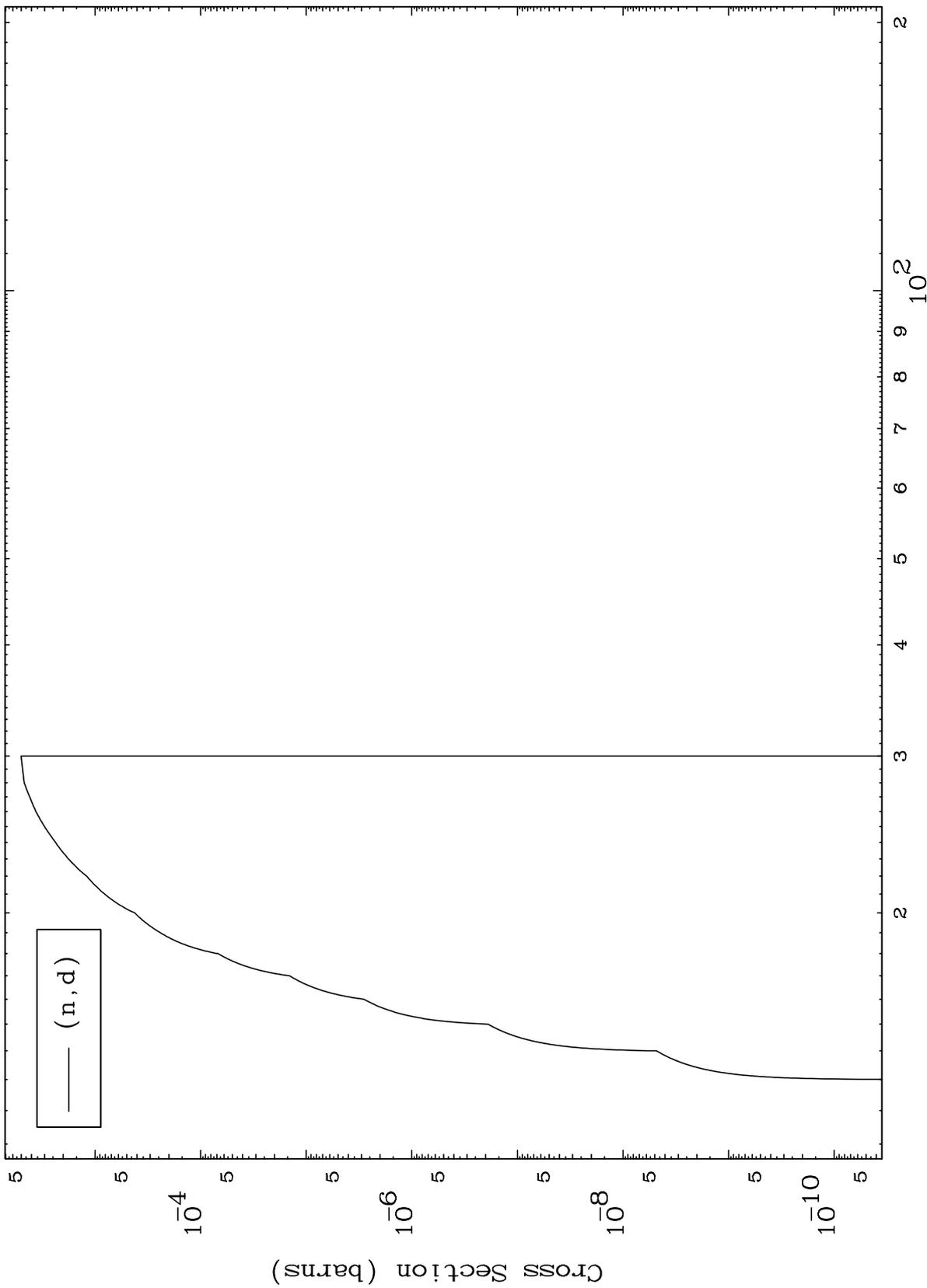
Incident Energy (MeV)

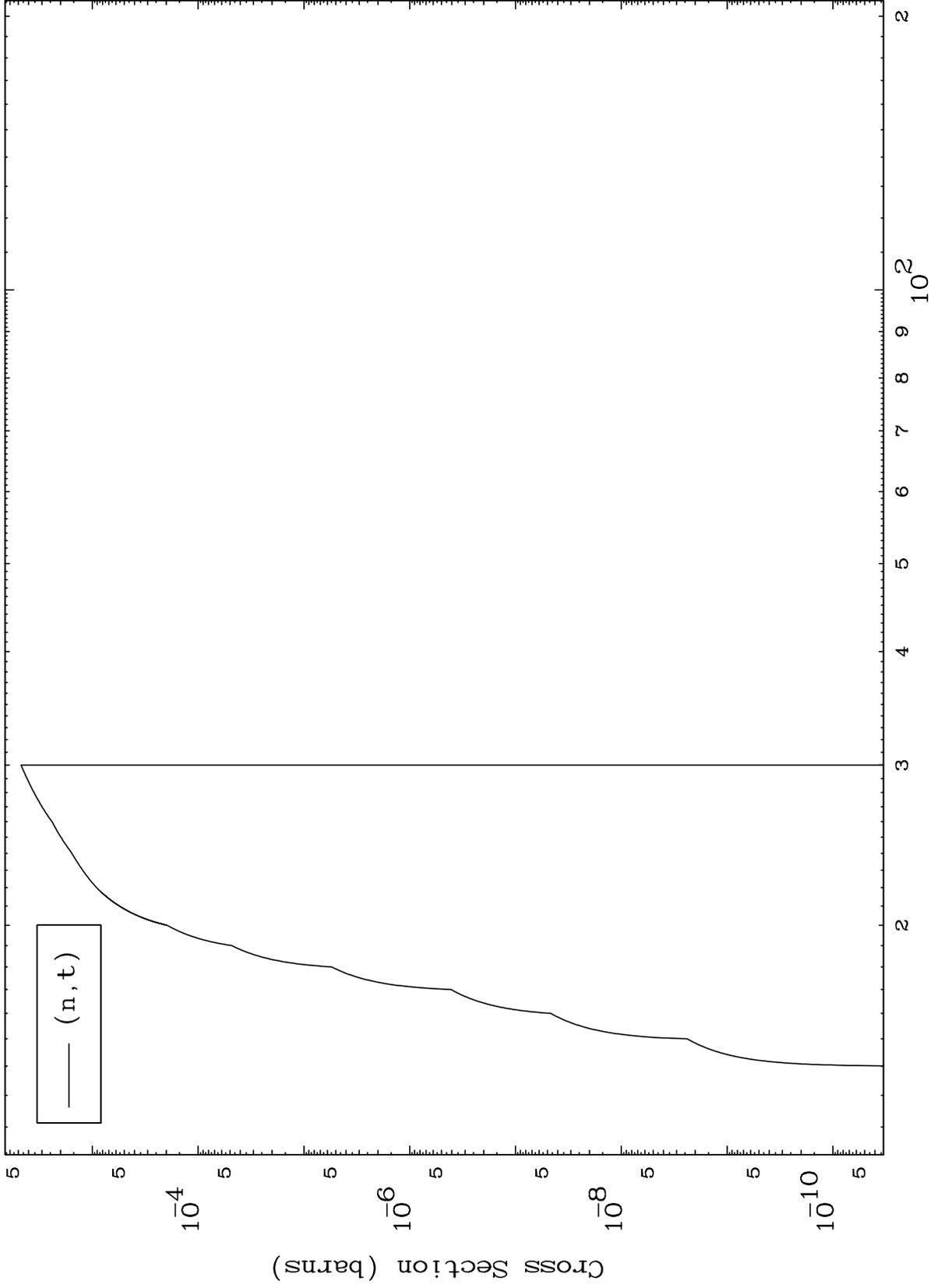
6

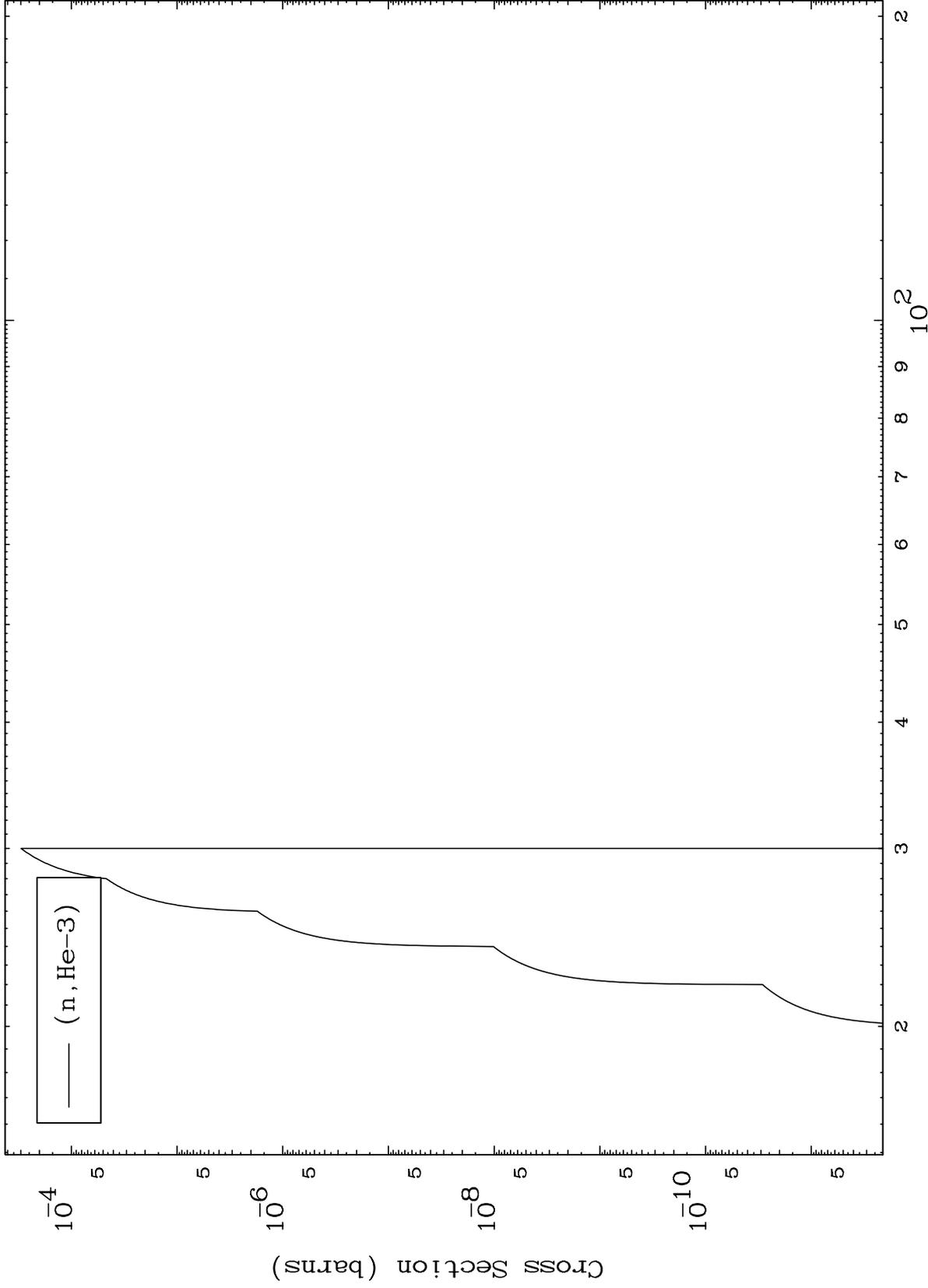
MAT 3449

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

$^{34}\text{Se-82}$



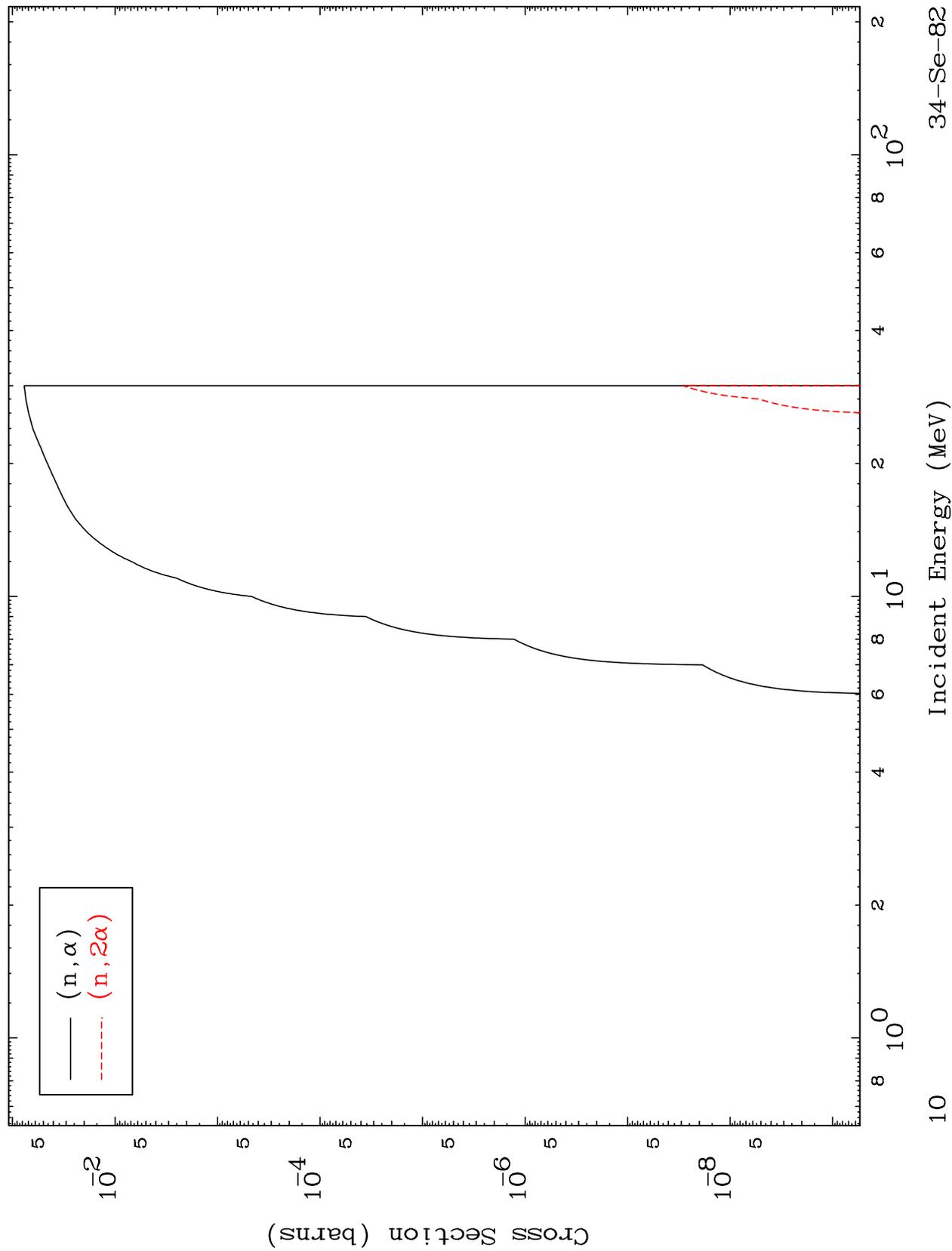




MAT 3449

34-Se-82

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

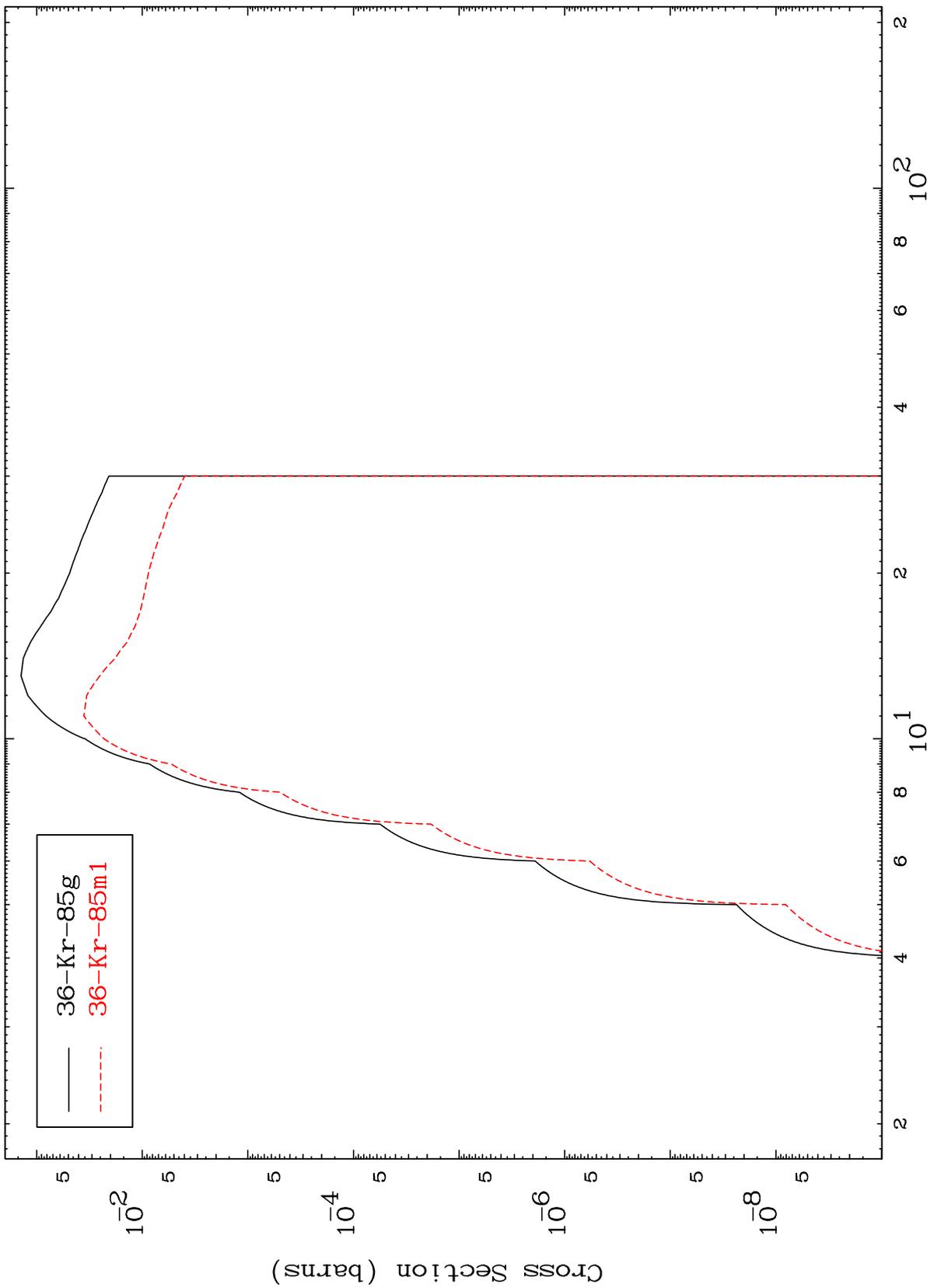


(n,  $\alpha$ )  
(n,  $2\alpha$ )

MAT 3449

34-Se-82

### Radionuclide Production Cross Section



— 36-Kr-85g  
- - - 36-Kr-85m1

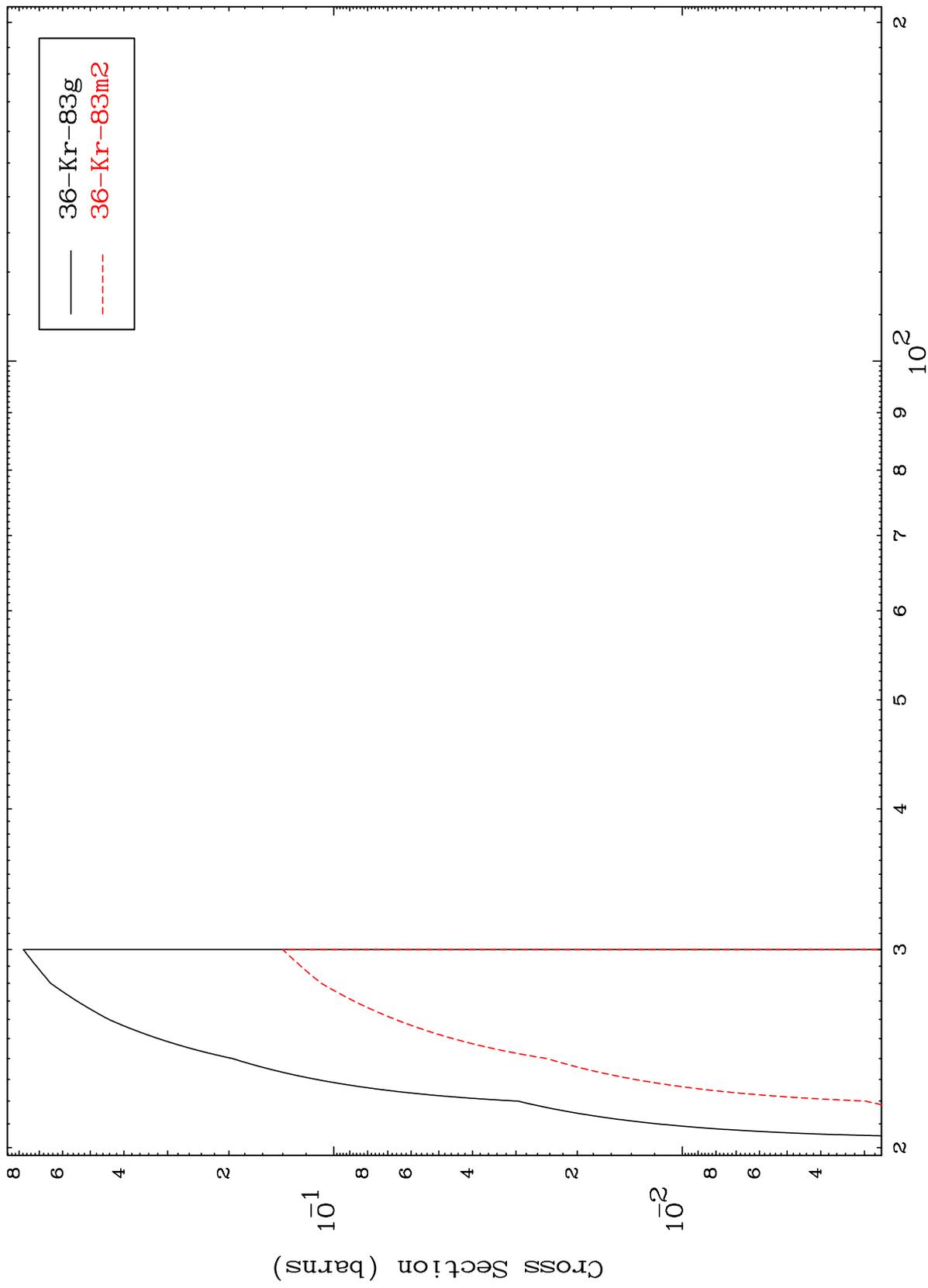
11

34-Se-82

MAT 3449

<sup>34</sup>Se-82

(n,3n)  
Radionuclide Production Cross Section



<sup>34</sup>Se-82

Incident Energy (MeV)

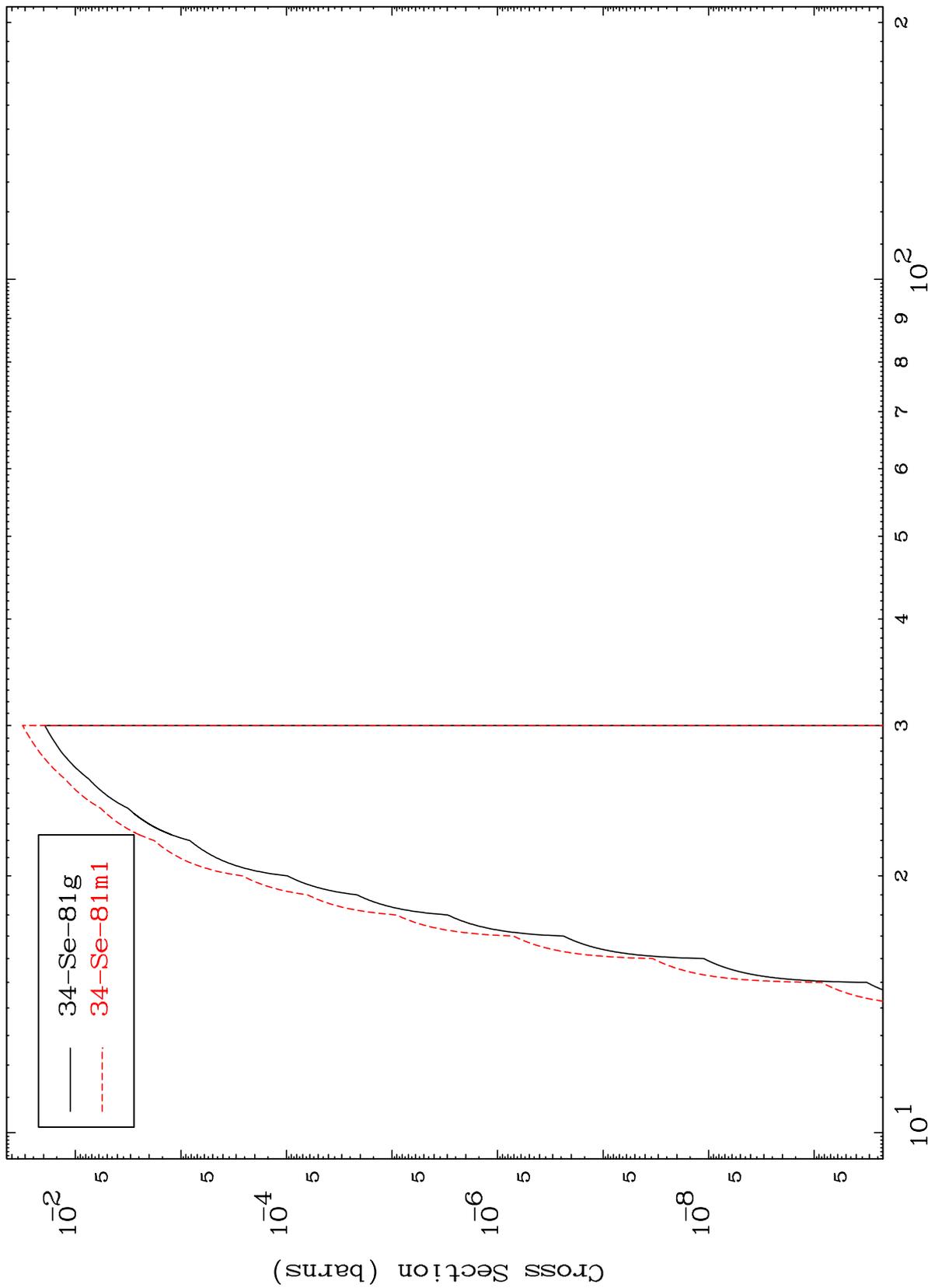
12

MAT 3449

$(n, n') \alpha$

$^{34}\text{Se-82}$

Radionuclide Production Cross Section



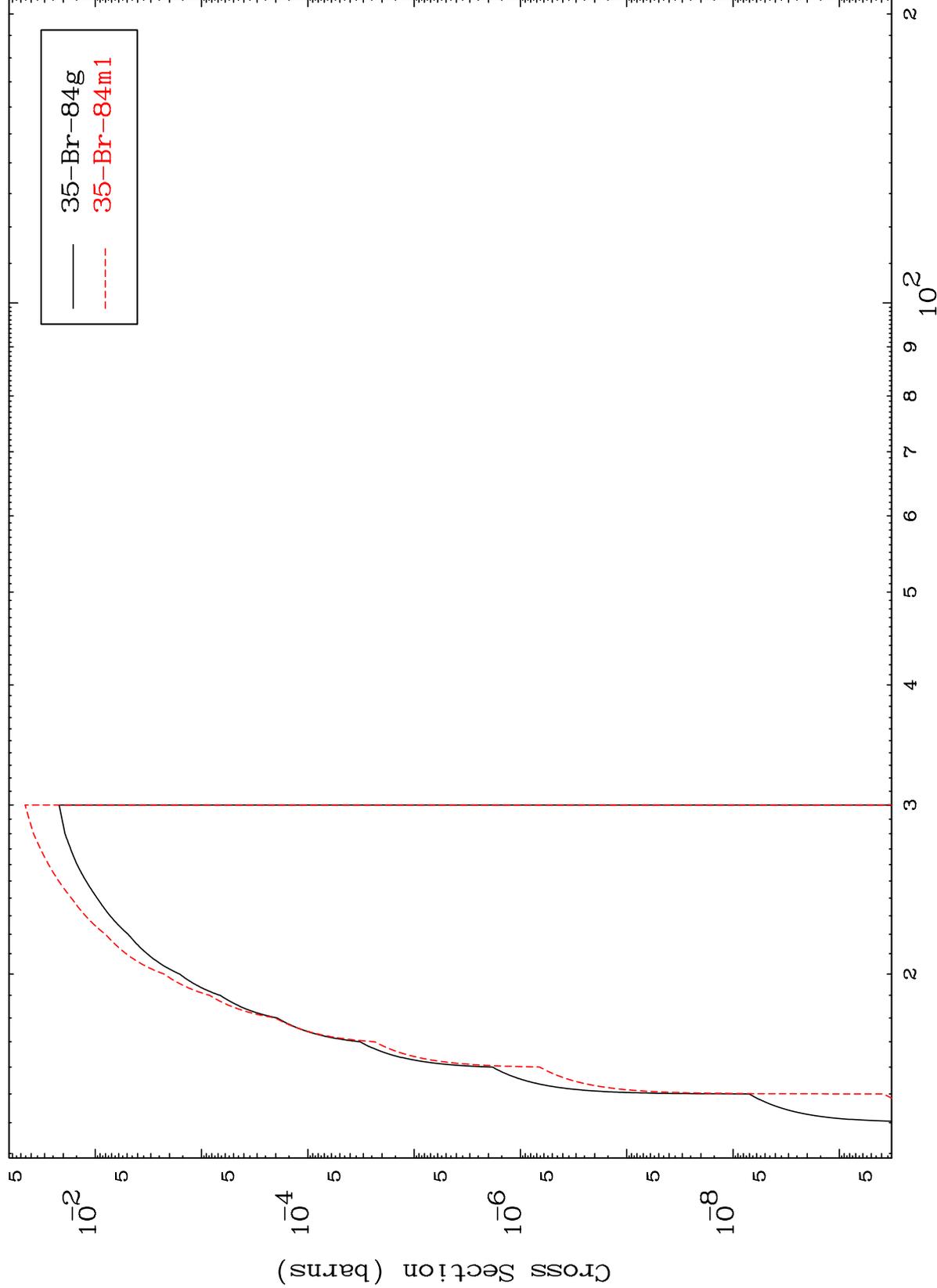
—  $^{34}\text{Se-81g}$   
- - -  $^{34}\text{Se-81m1}$

MAT 3449

(n,n') p

<sup>34</sup>Se-82

Radionuclide Production Cross Section



14

Incident Energy (MeV)

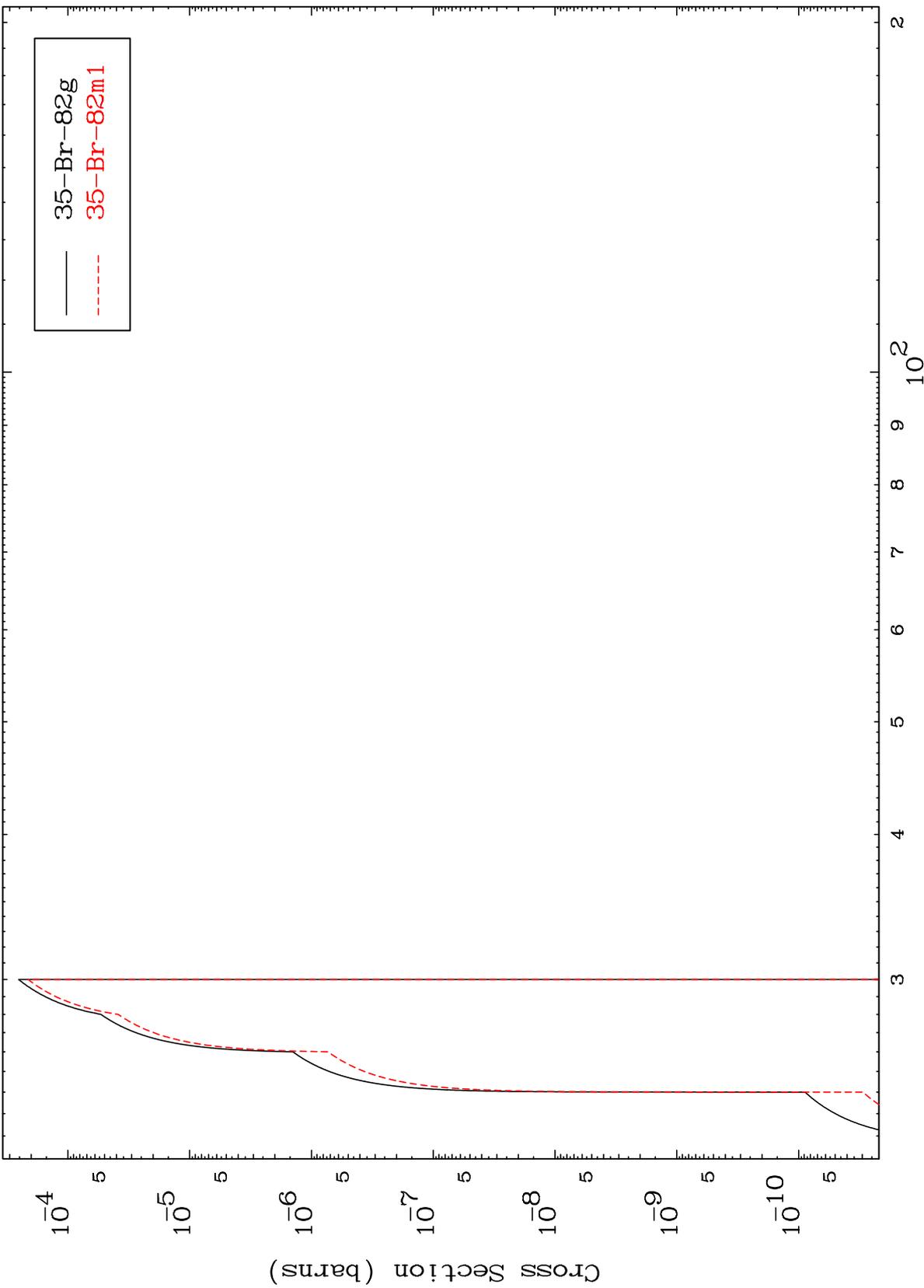
<sup>34</sup>Se-82

MAT 3449

(n,n') t

<sup>34</sup>Se-82

Radionuclide Production Cross Section



15

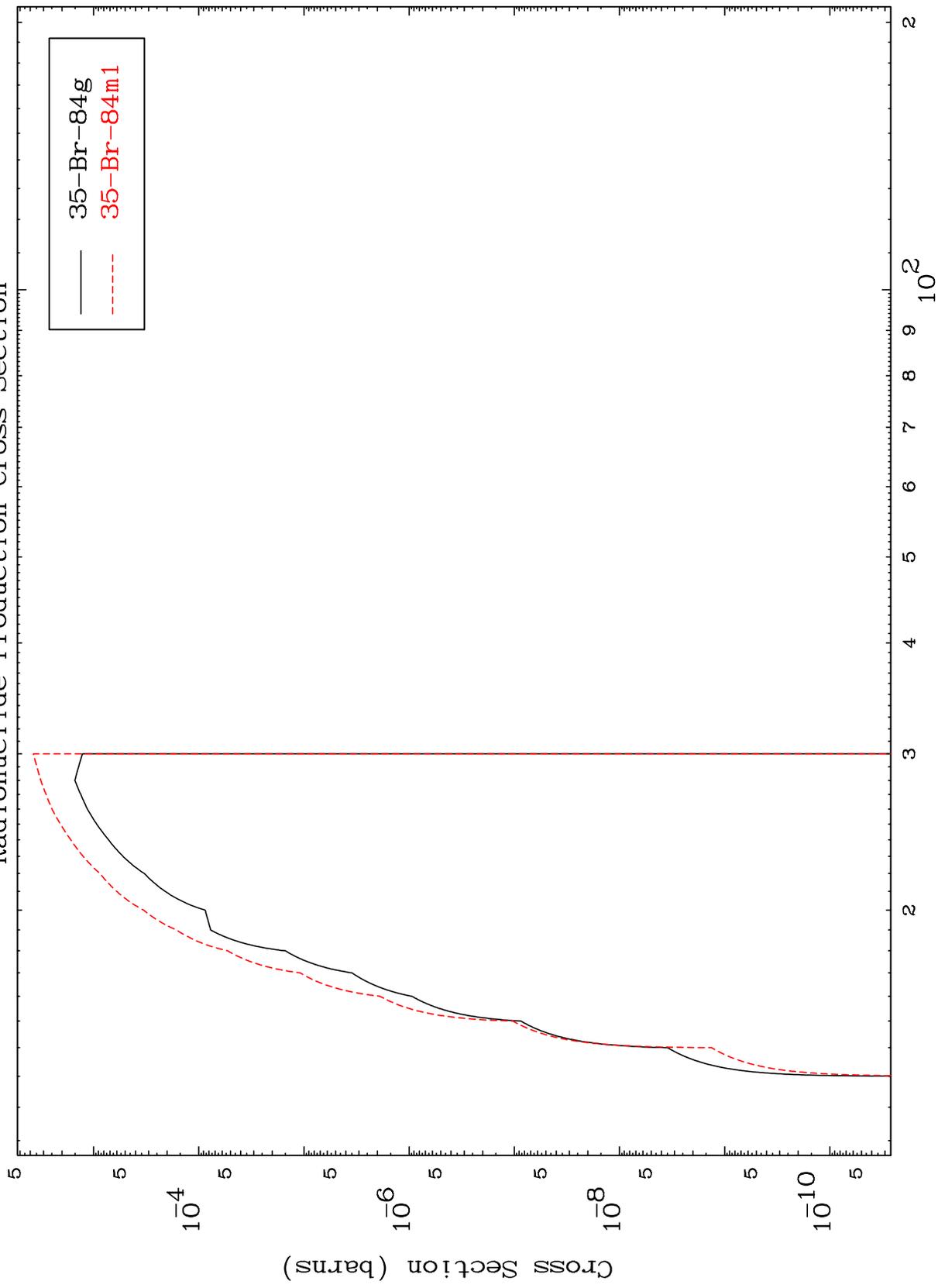
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

34-Se-82

(n,d)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

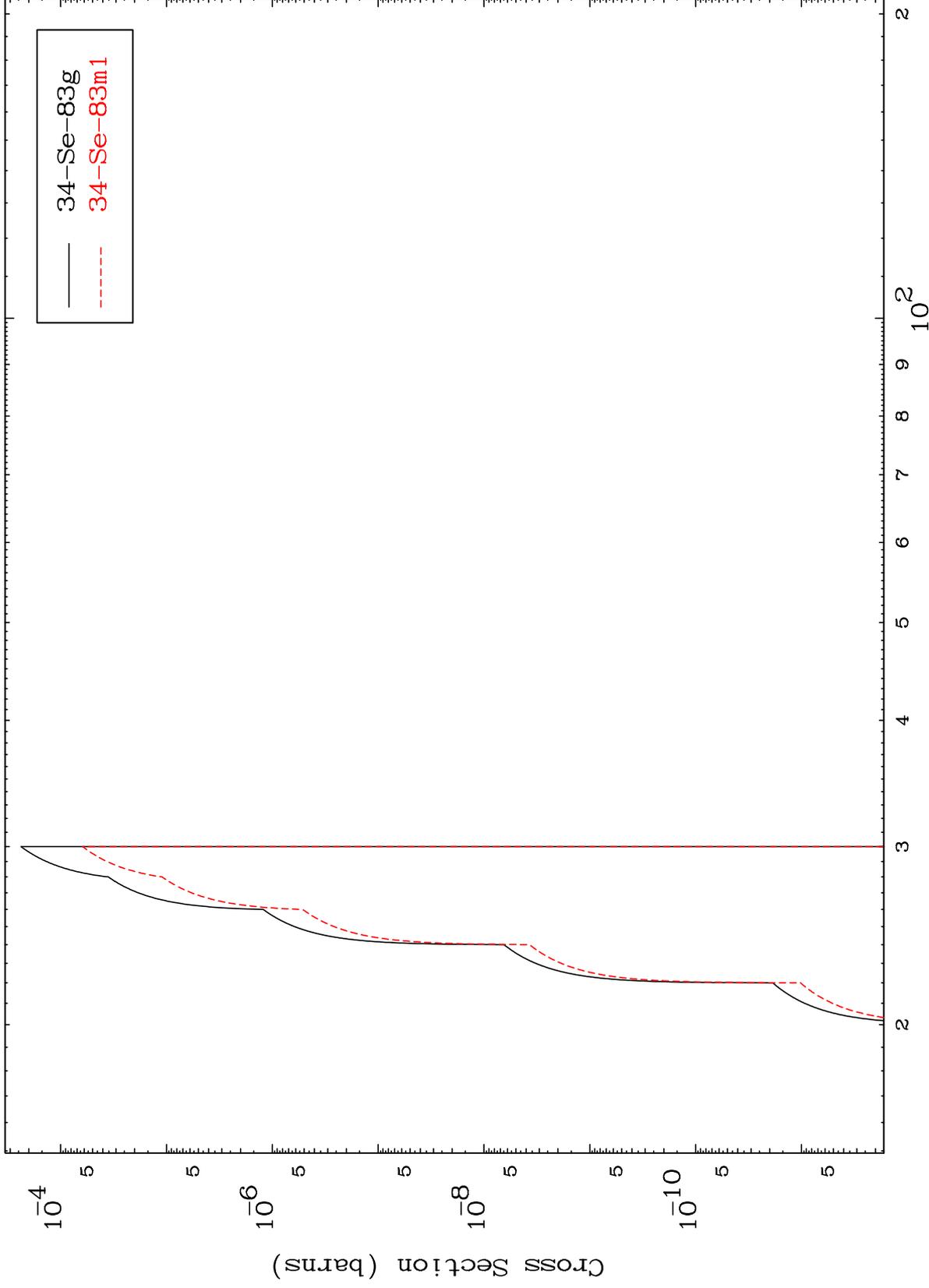
34-Se-82

MAT 3449

(n,He-3)

34-Se-82

Radionuclide Production Cross Section



17

Incident Energy (MeV)

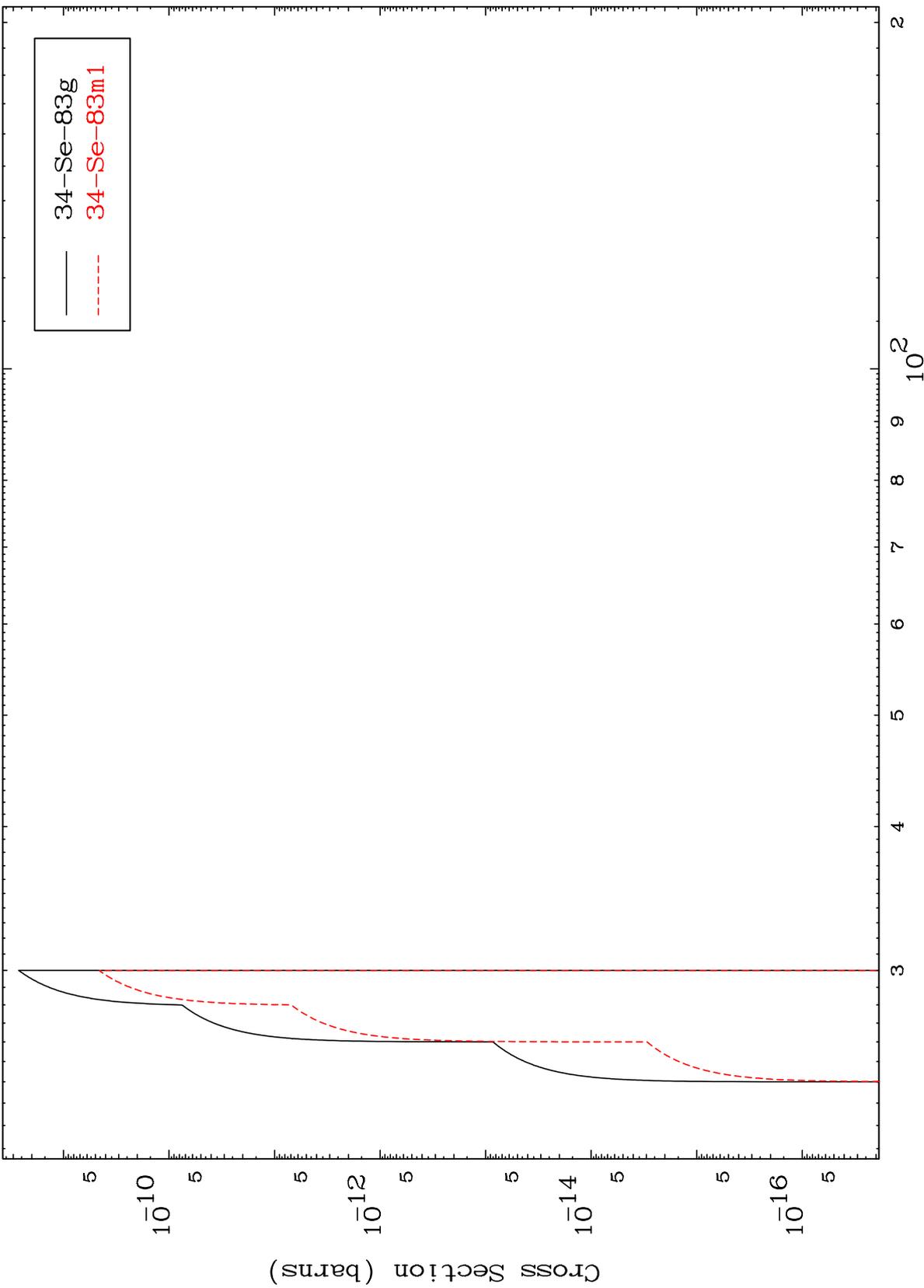
34-Se-82

MAT 3449

(n,p) d

<sup>34</sup>Se-82

Radionuclide Production Cross Section



18

Incident Energy (MeV)

<sup>34</sup>Se-82