

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)

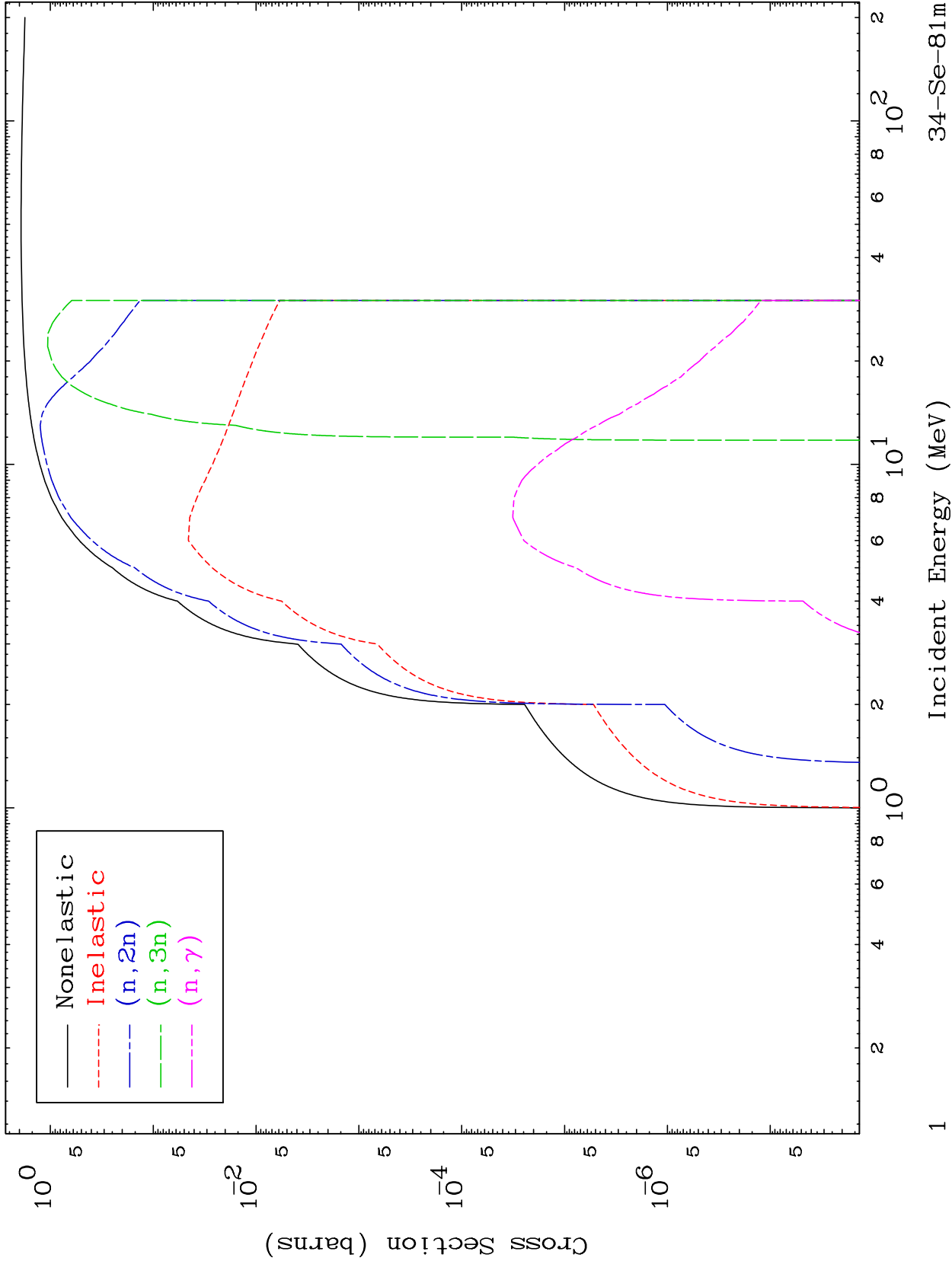
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3447

Deuteron Major  
0 Kelvin Cross Sections

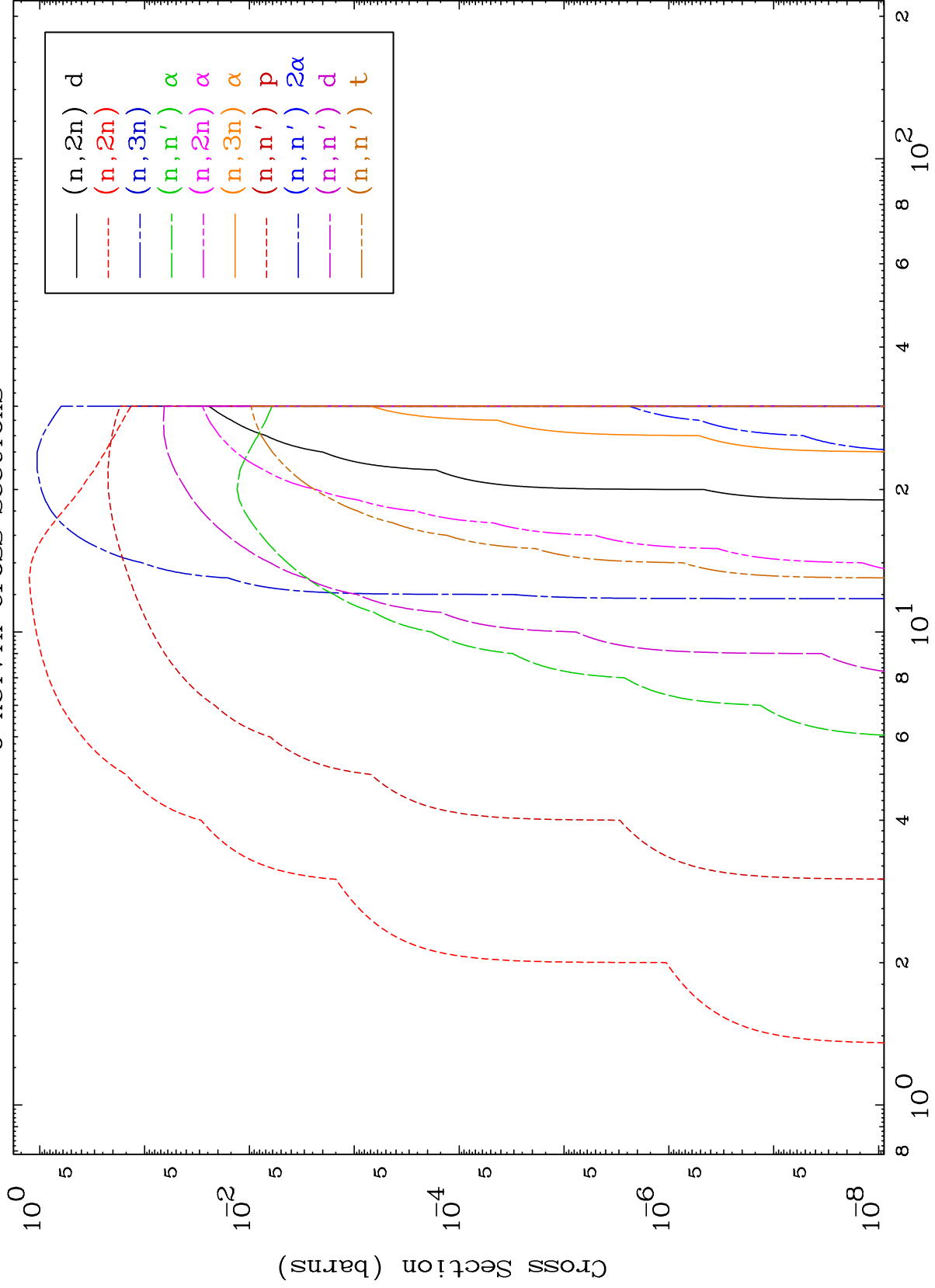
34-Se-81m



MAT 3447

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

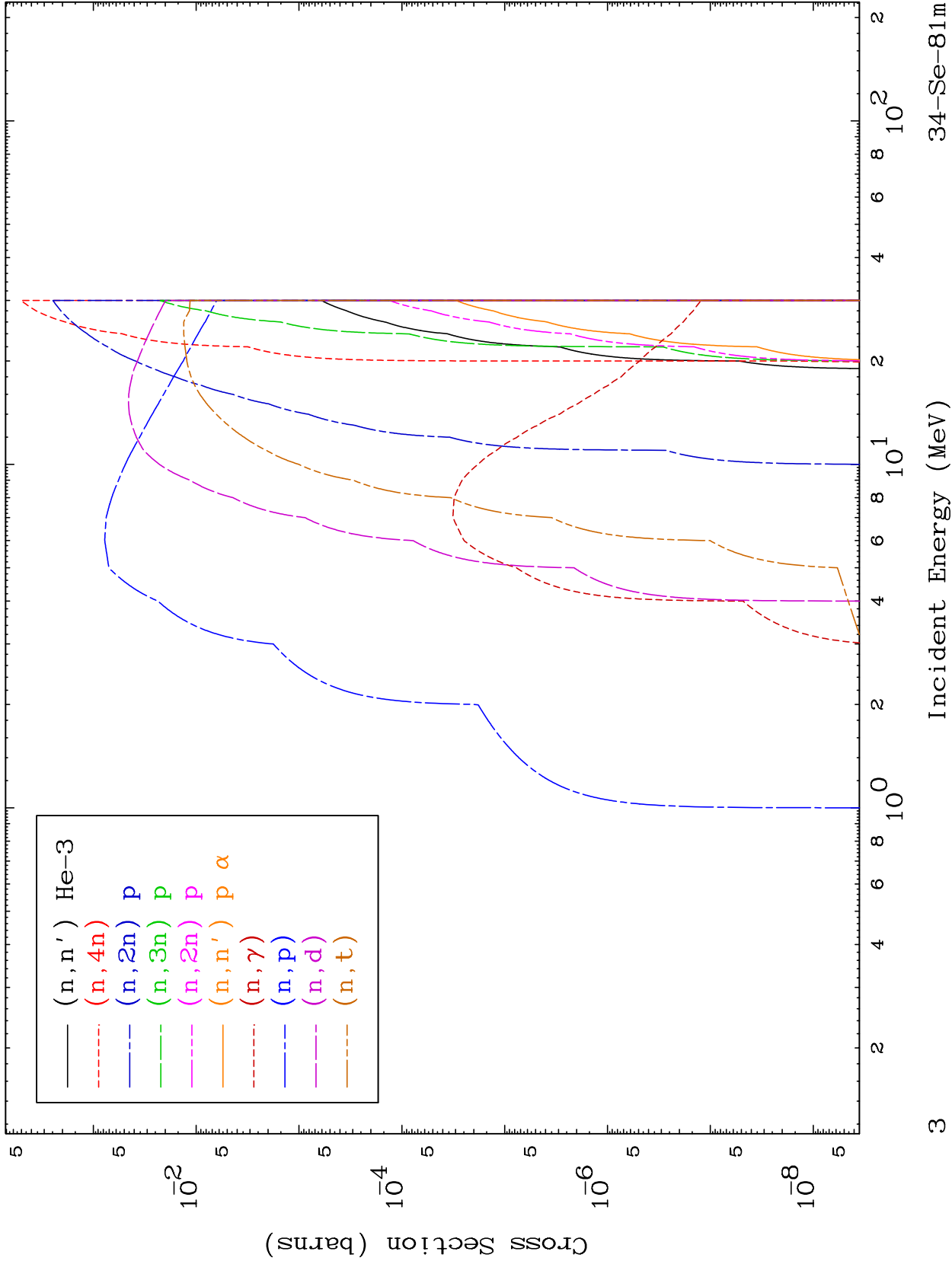
<sup>34</sup>Se-81m



<sup>34</sup>Se-81m

Incident Energy (MeV)

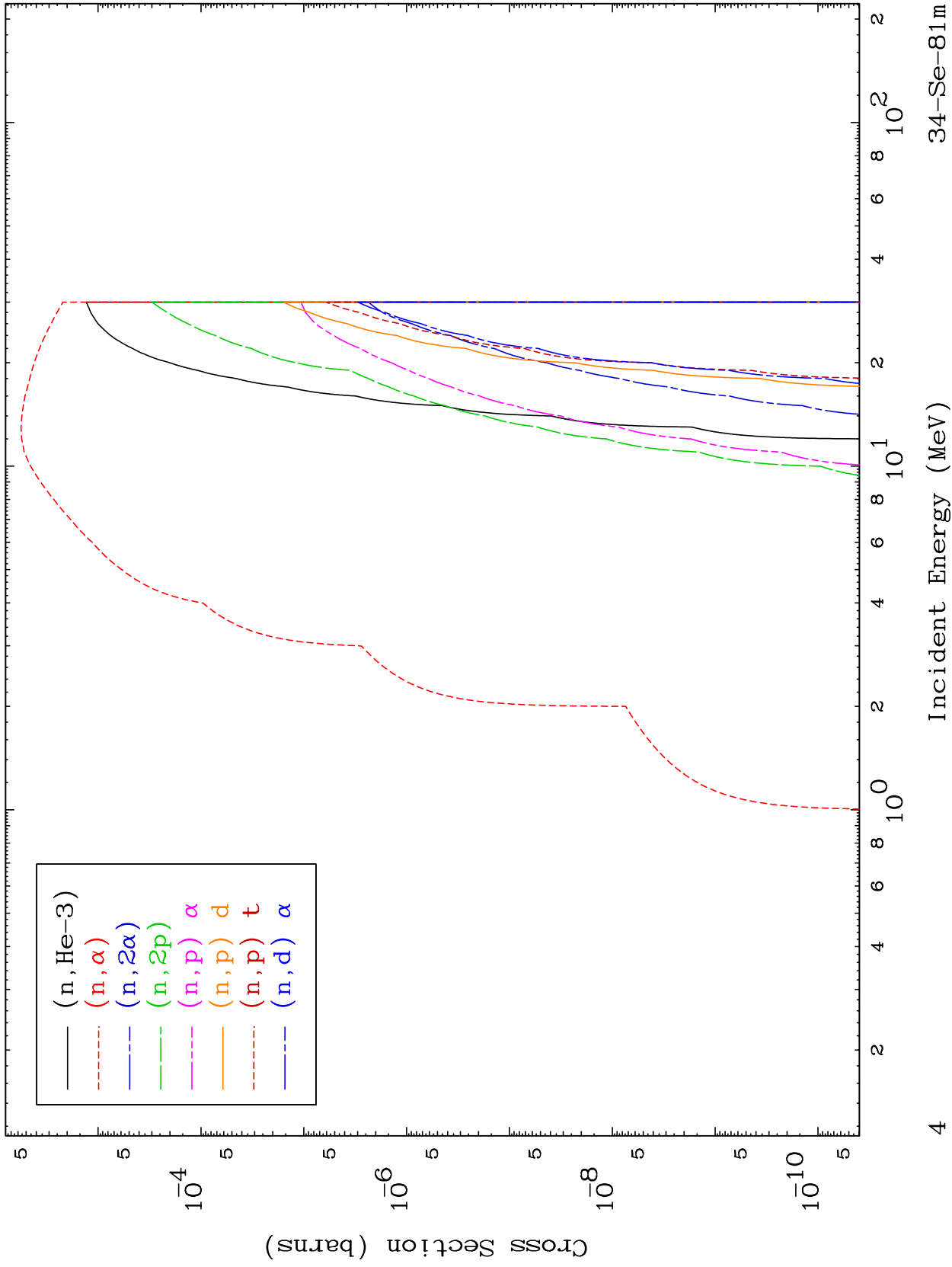
2

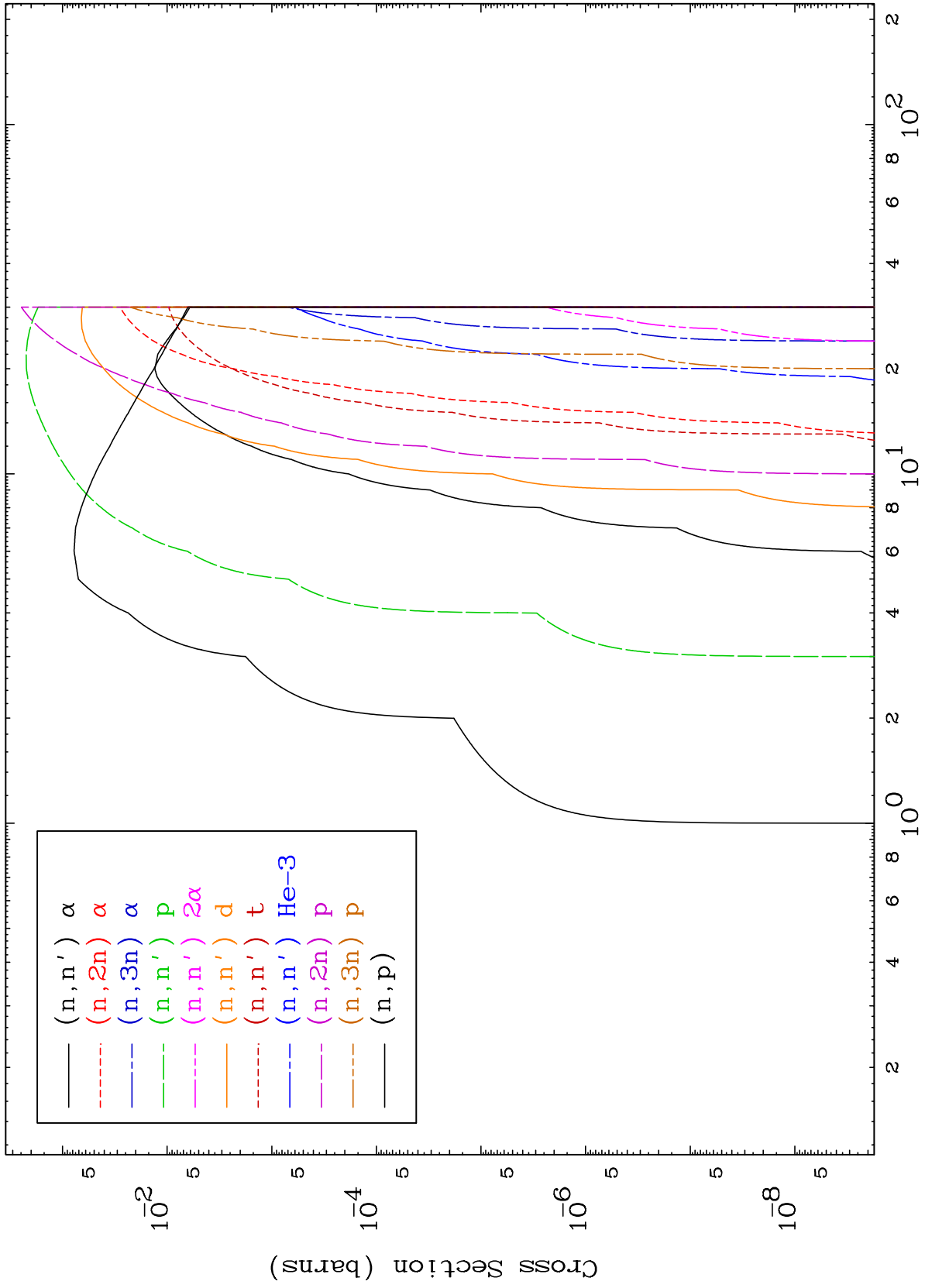


MAT 3447

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

<sup>34</sup>Se-81m

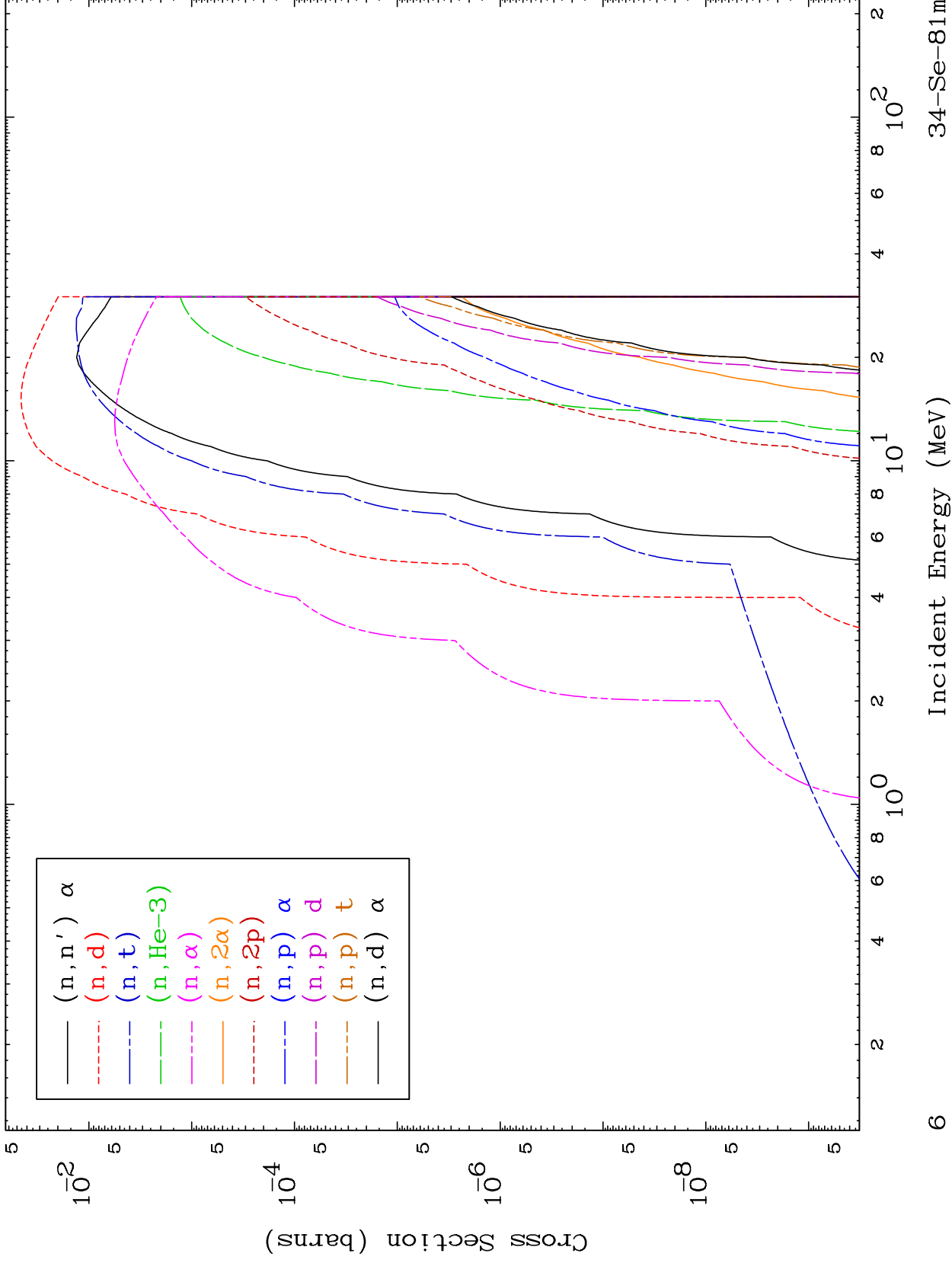




MAT 3447

Deuteron Charged Particle  
0 Kelvin Cross Sections

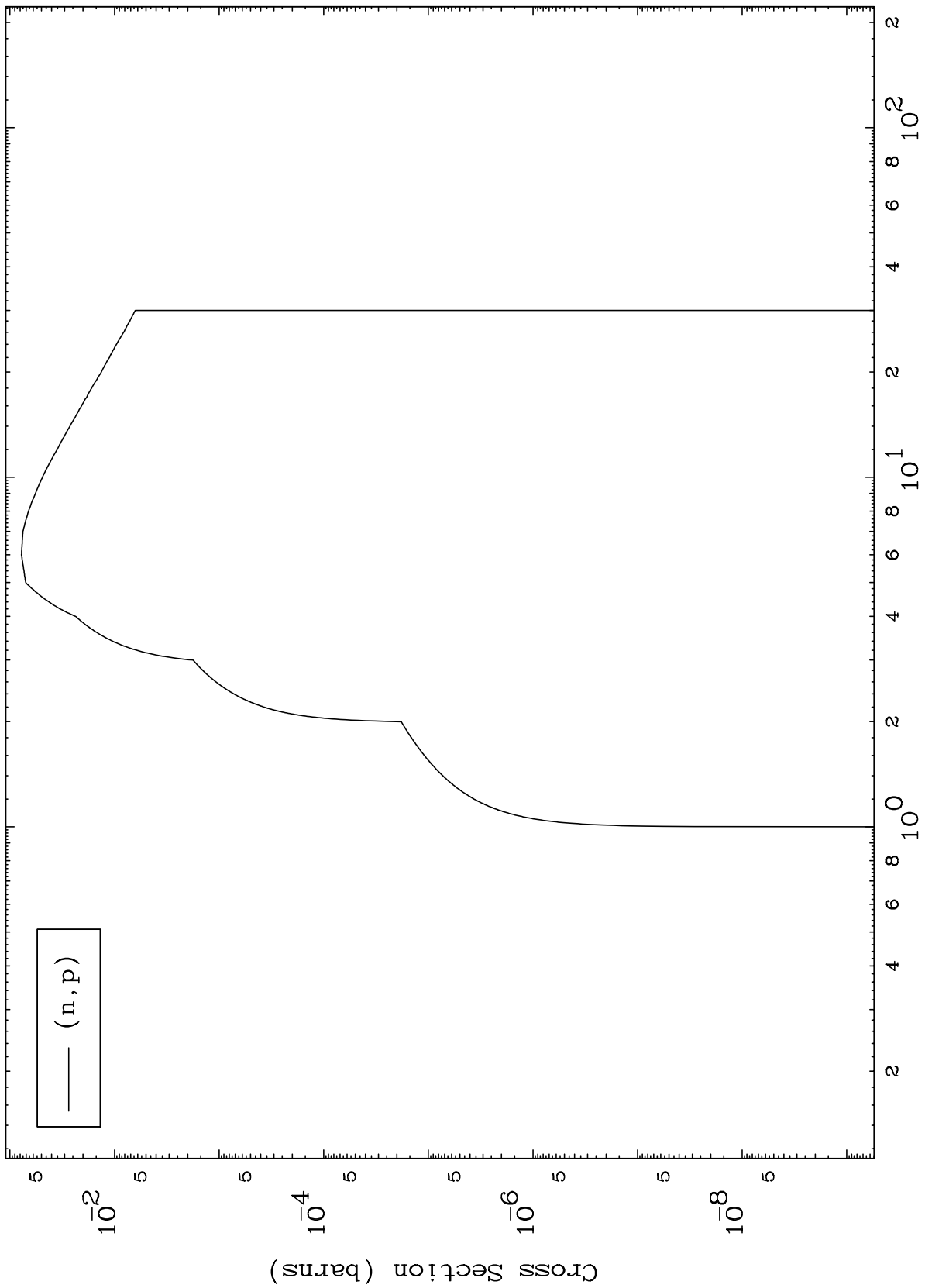
<sup>34</sup>Se-81m



MAT 3447

34-Se-81m

(d,p) Levels  
0 Kelvin Cross Sections



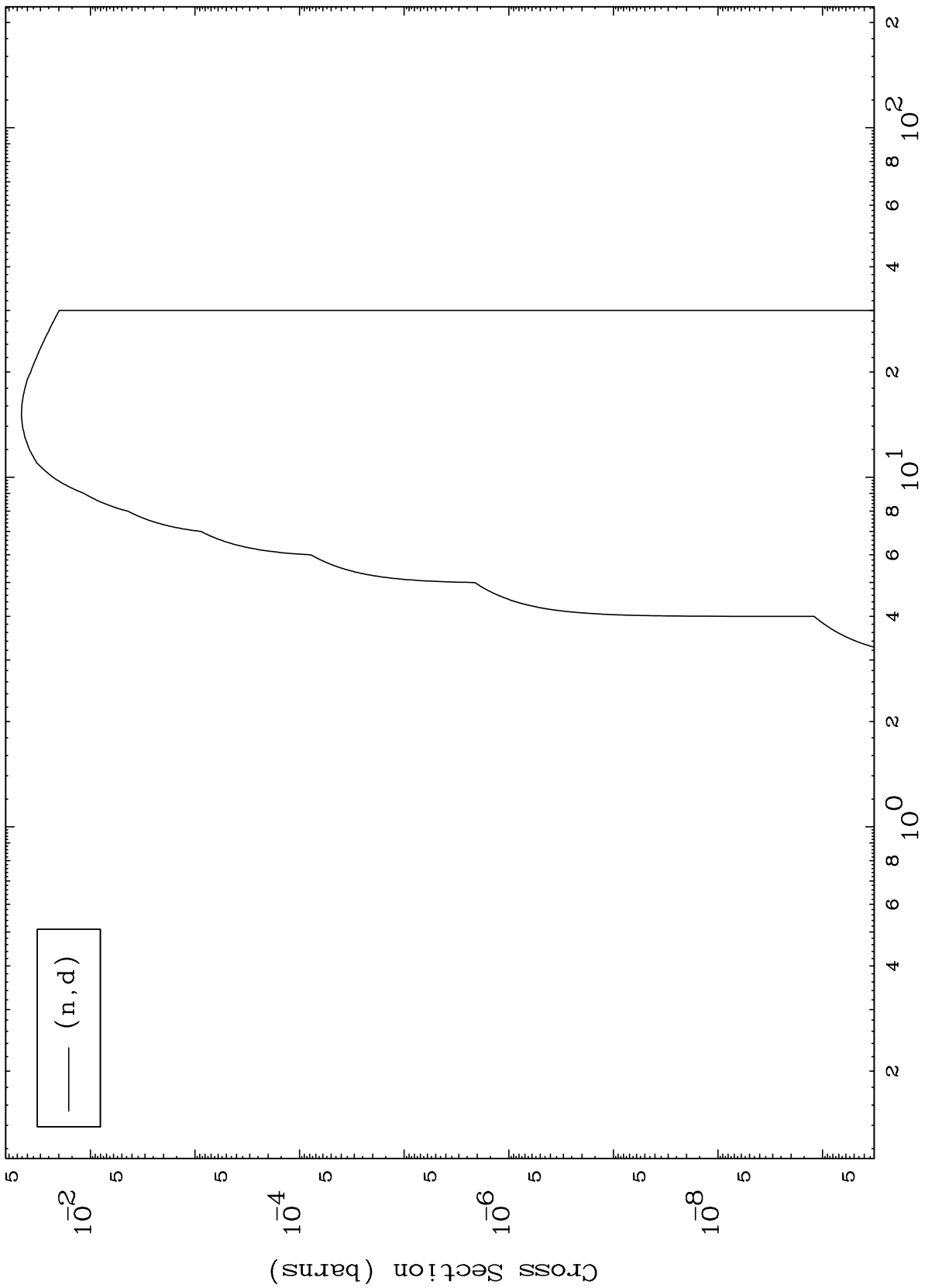


MAT 3447

(d,d) Levels

34-Se-81m

0 Kelvin Cross Sections

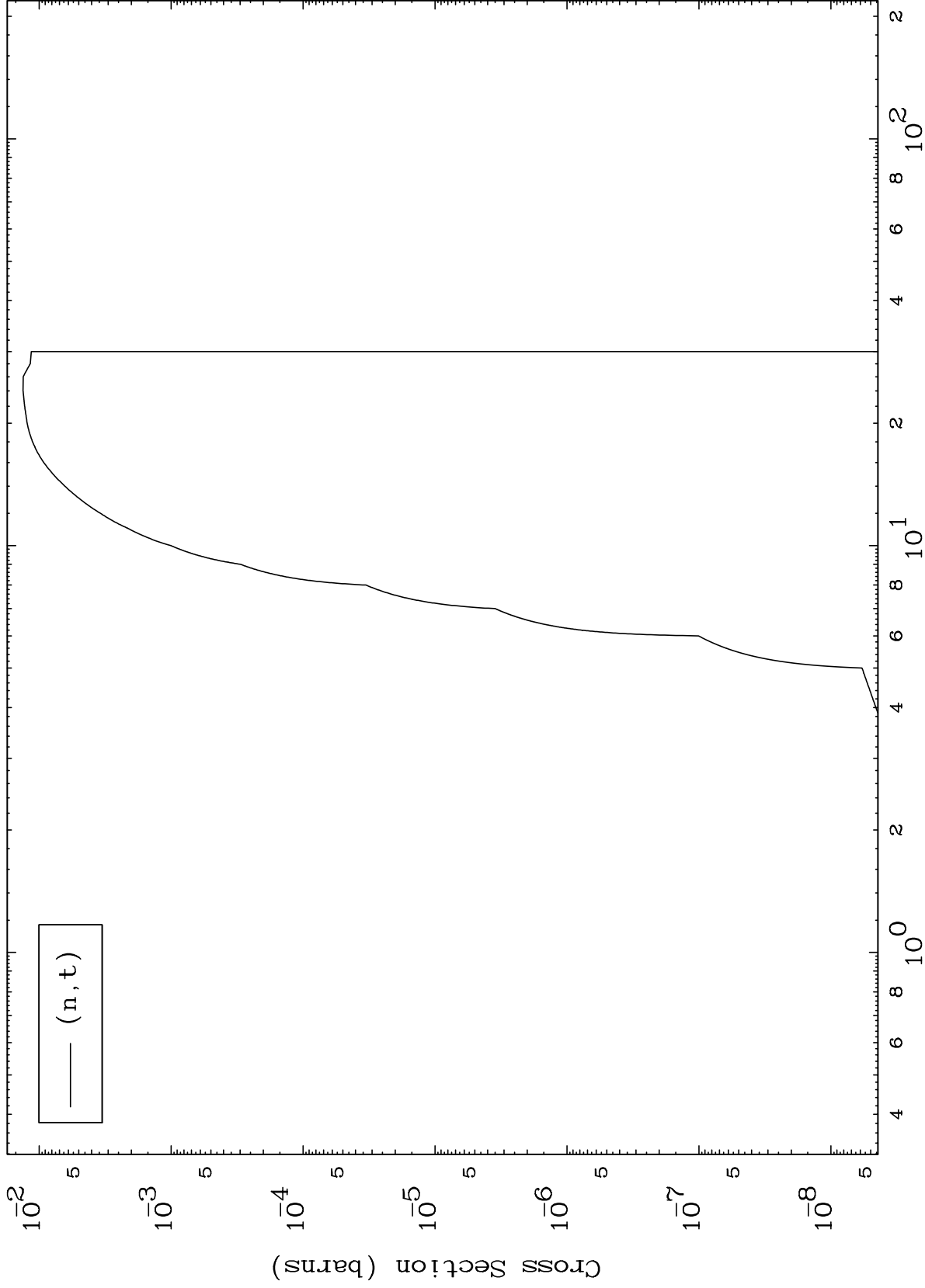


(n,d)

MAT 3447

34-Se-81m

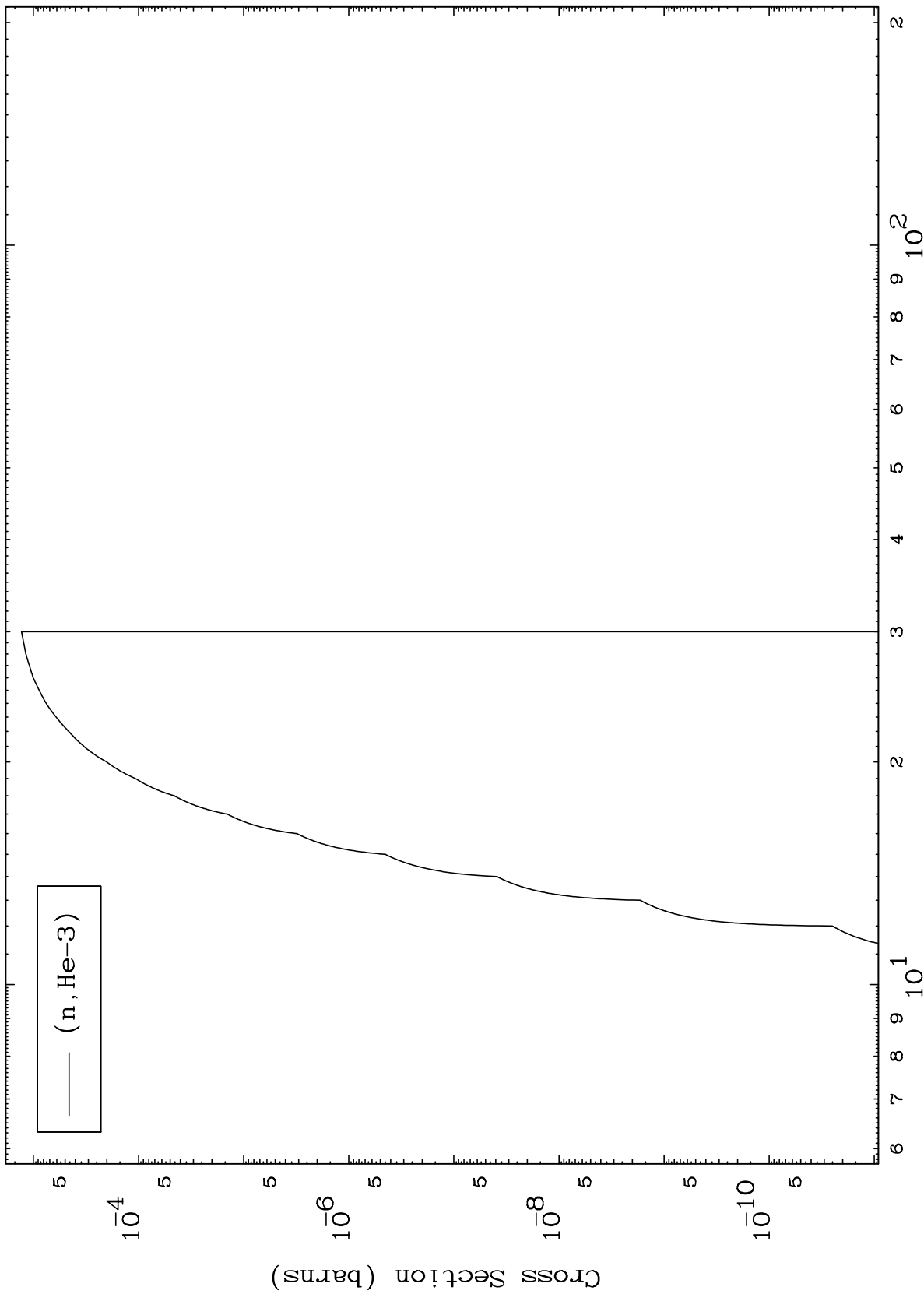
(d,t) Levels  
0 Kelvin Cross Sections



MAT 3447

34-Se-81m

(d,He3) Levels  
0 Kelvin Cross Sections



34-Se-81m

Incident Energy (MeV)

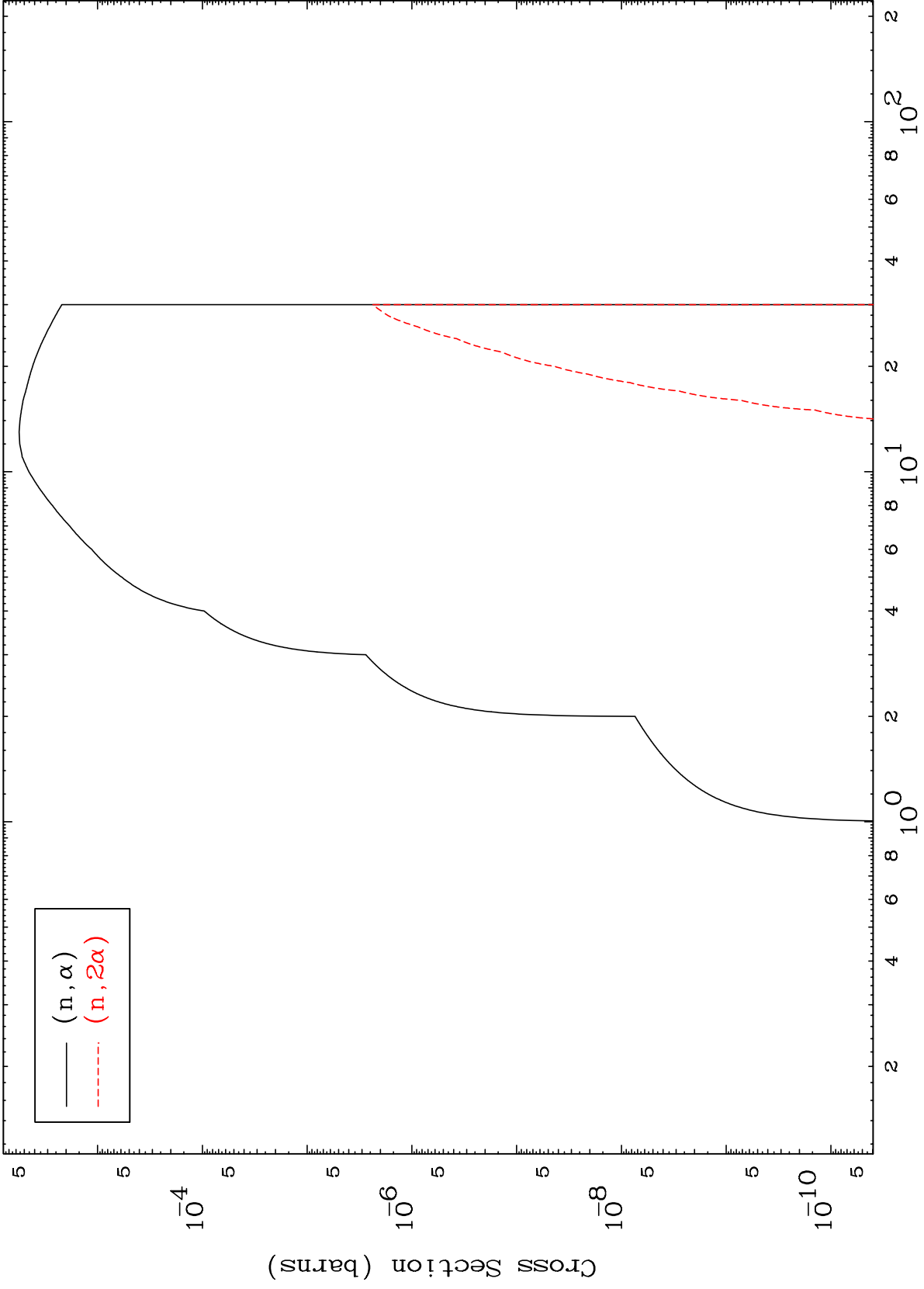
10

MAT 3447

(d,  $\alpha$ ) Levels

34-Se-81m

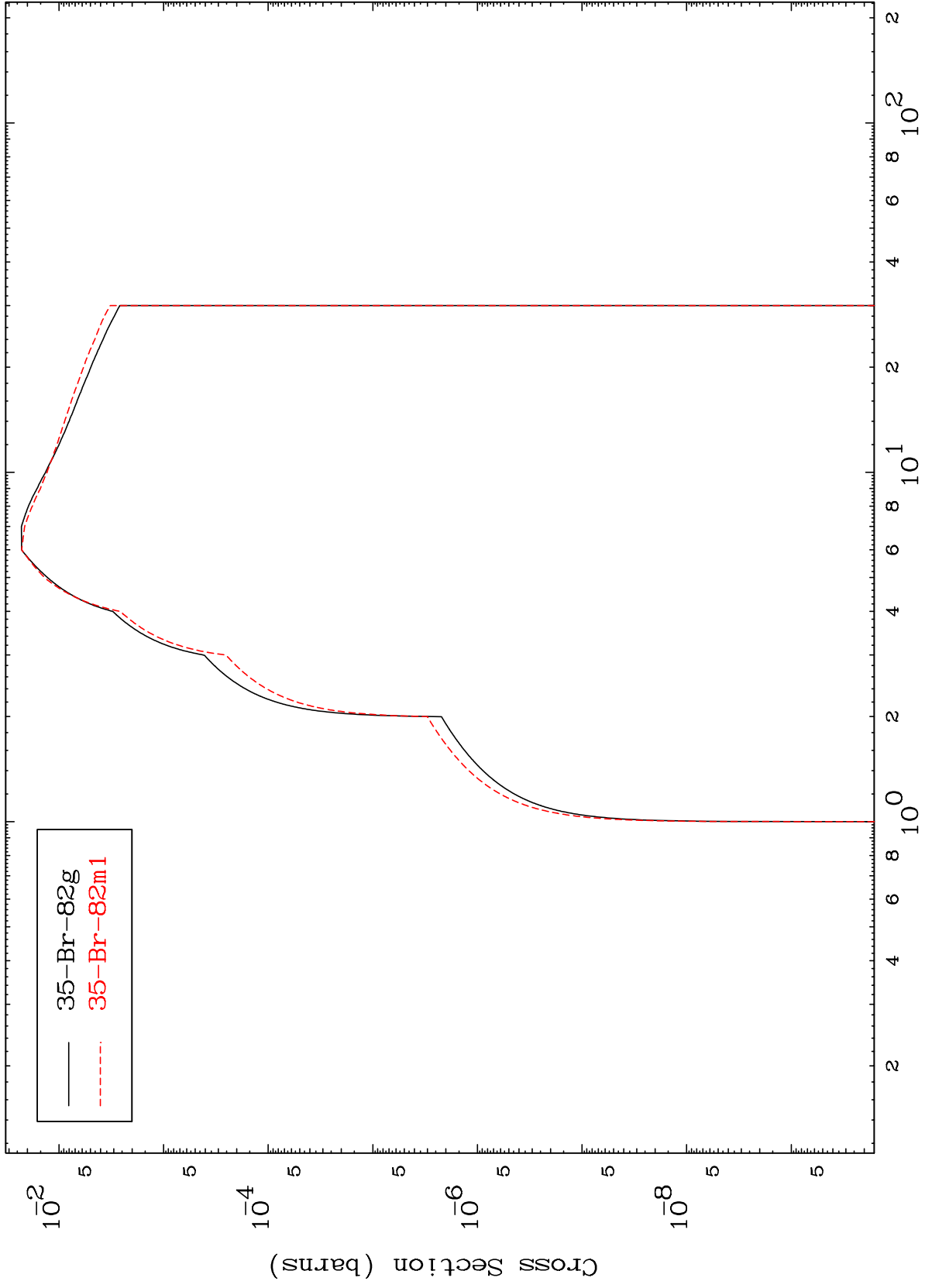
0 Kelvin Cross Sections



MAT 3447

34-Se-81m

Inelastic  
Radionuclide Production Cross Section



— 35-Br-82g  
- - - 35-Br-82m1

34-Se-81m

Incident Energy (MeV)

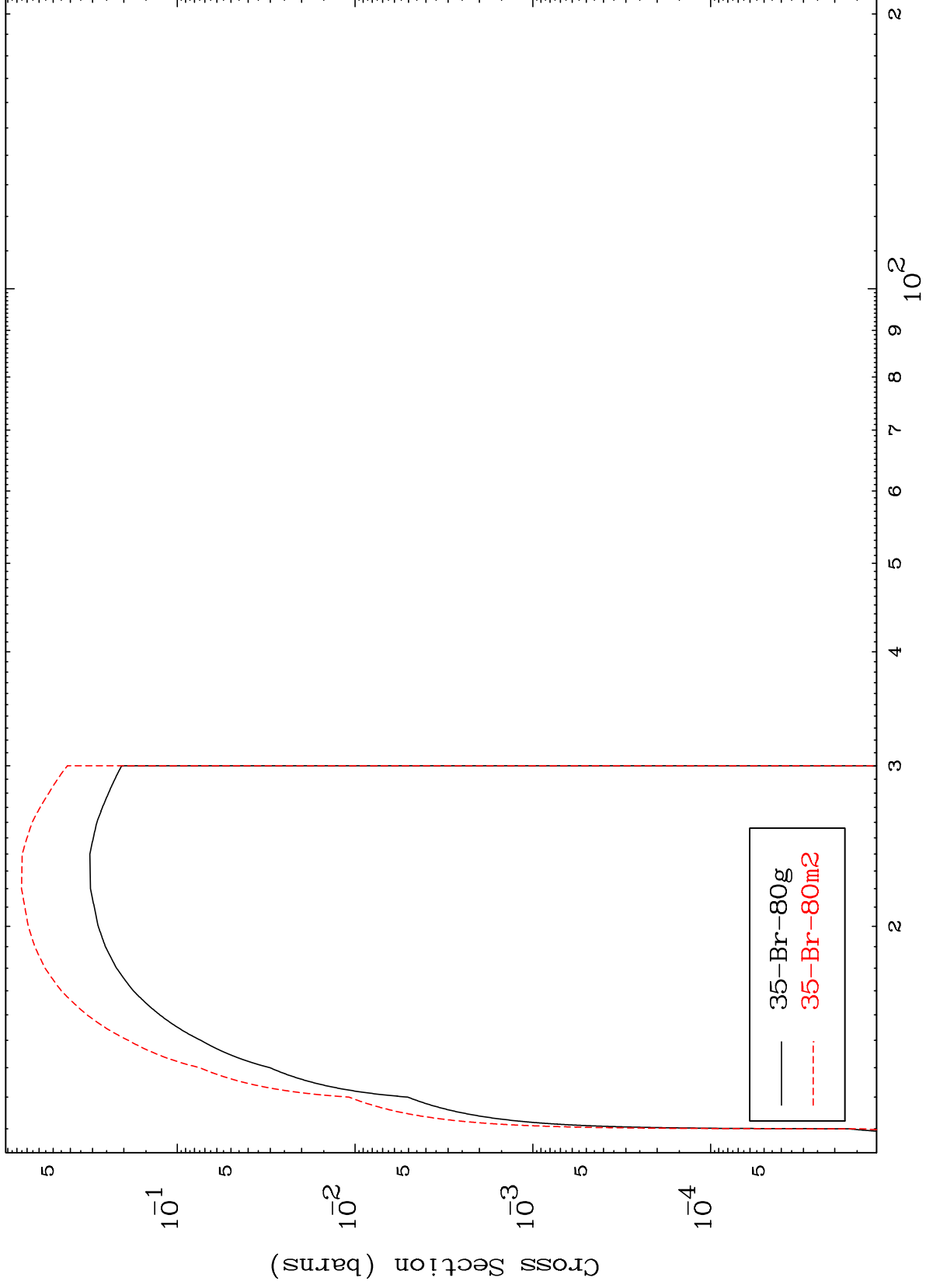
12



MAT 3447

34-Se-81m

(n,3n)  
Radionuclide Production Cross Section



34-Se-81m

Incident Energy (MeV)

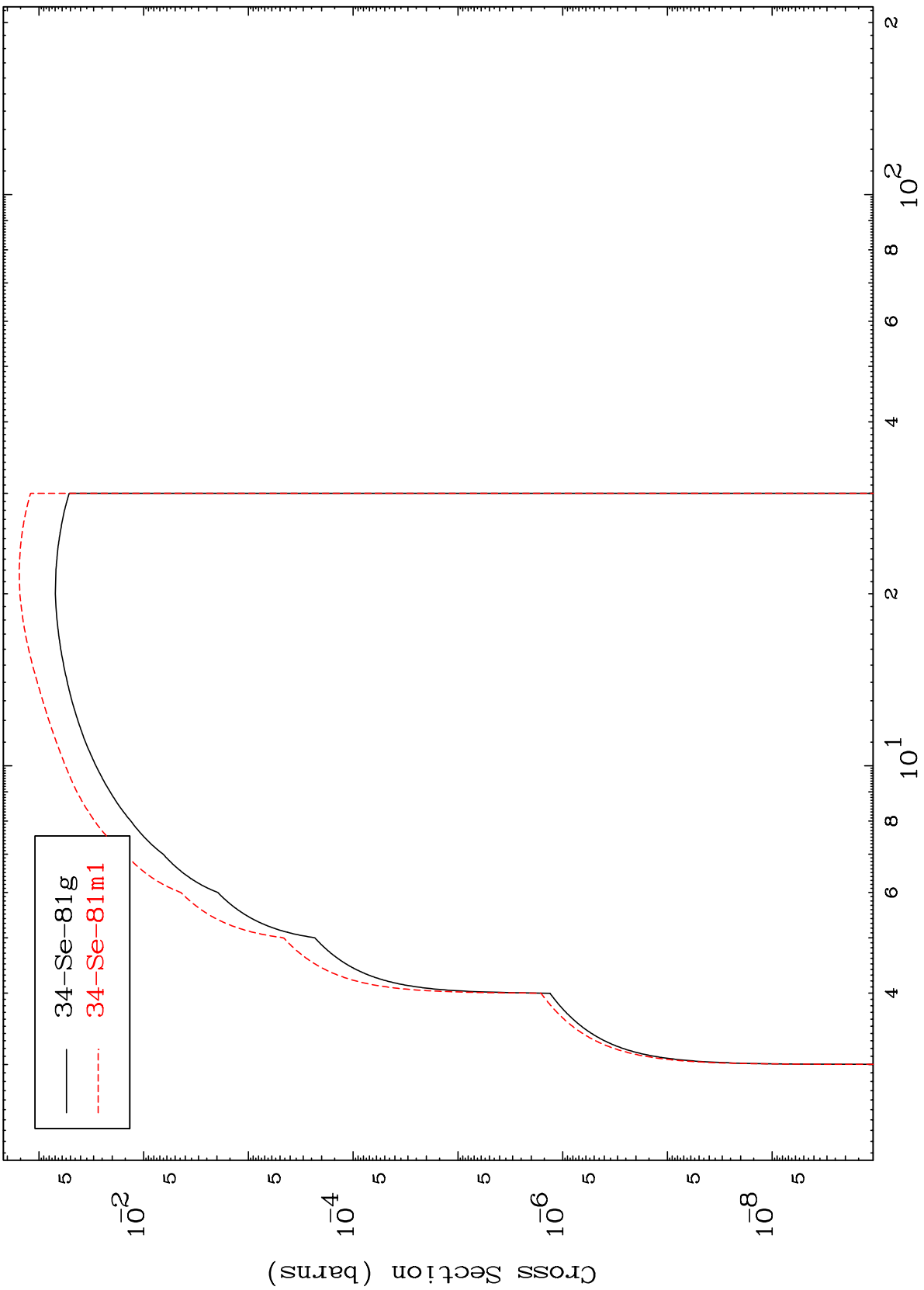
14

MAT 3447

<sup>34</sup>Se-81m

Radionuclide Production Cross Section

(n,n') p



34-Se-81g  
34-Se-81m1

<sup>34</sup>Se-81m

Incident Energy (MeV)

15

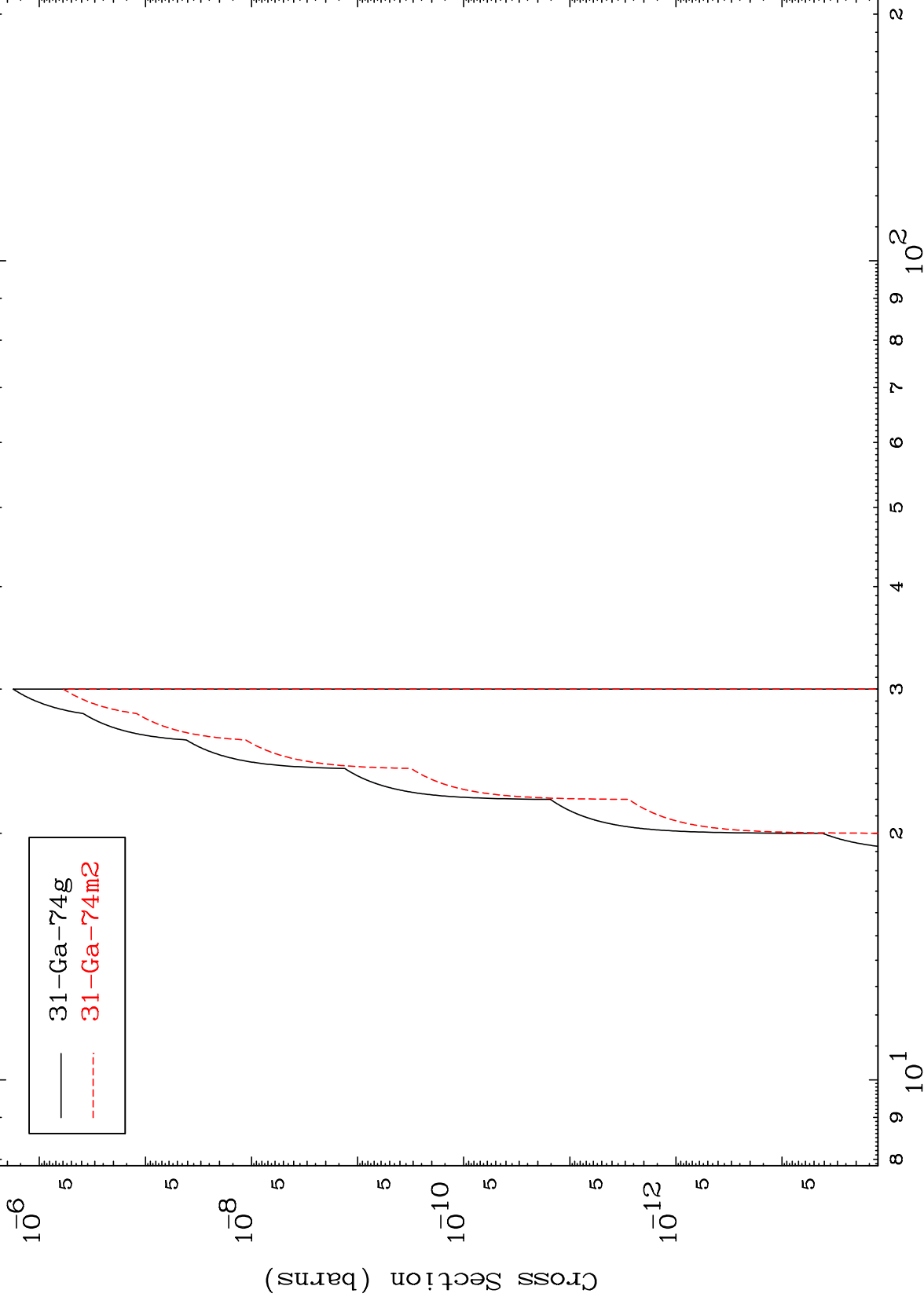


MAT 3447

(n,n') 2α

<sup>34</sup>Se-81m

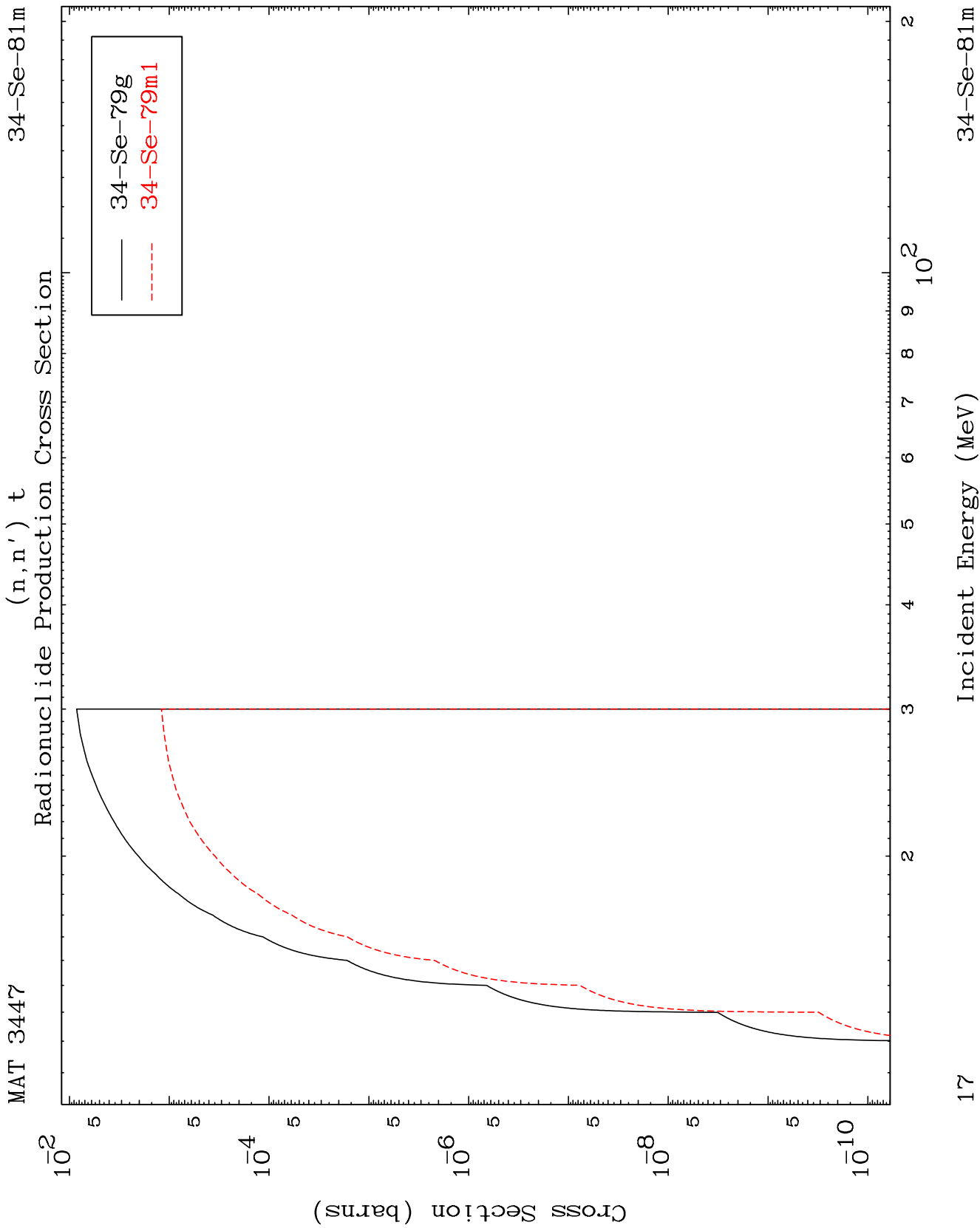
Radionuclide Production Cross Section



16

Incident Energy (MeV)

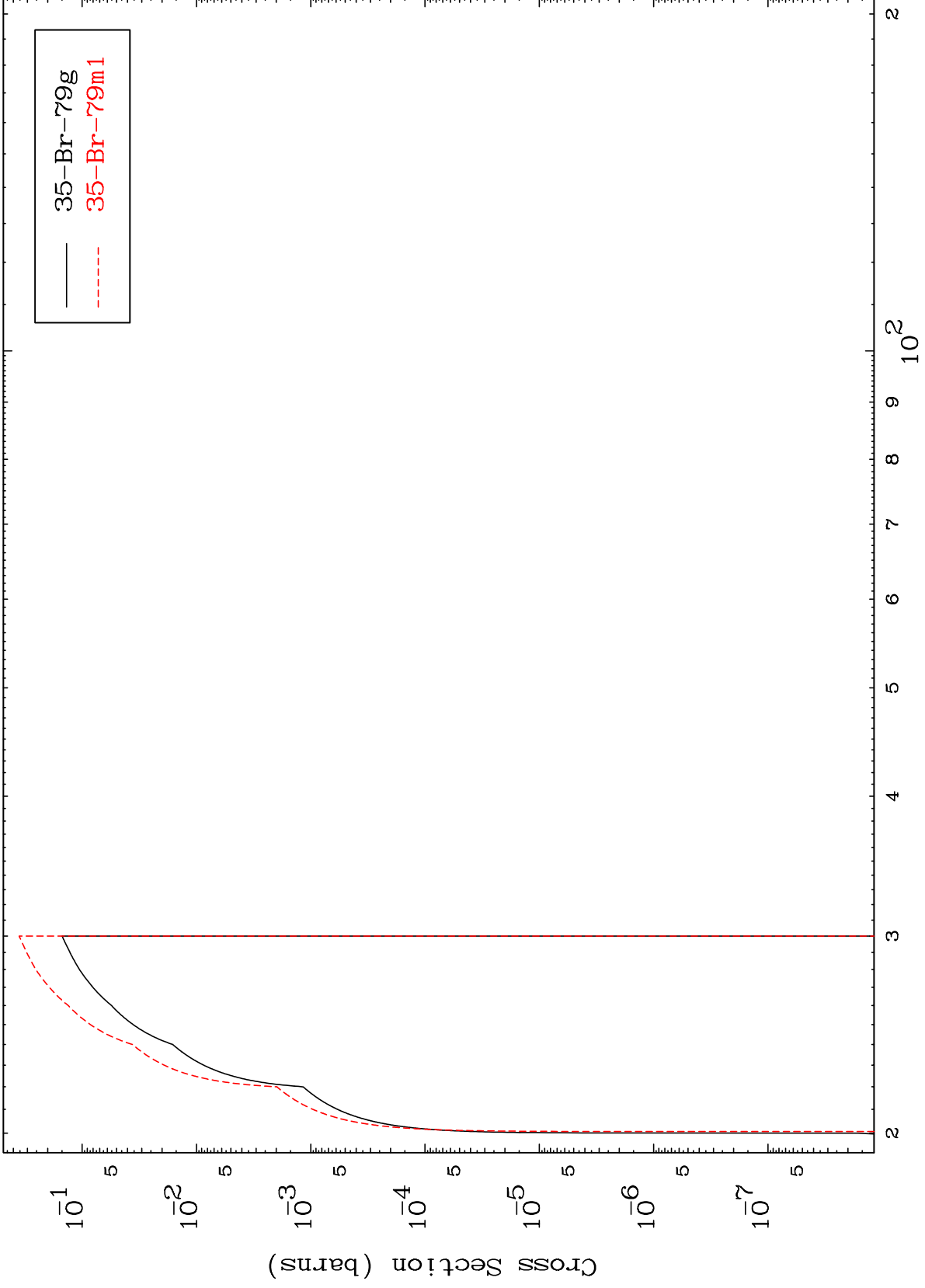
<sup>34</sup>Se-81m



MAT 3447

34-<sup>Se</sup>-81m

(n,4n)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

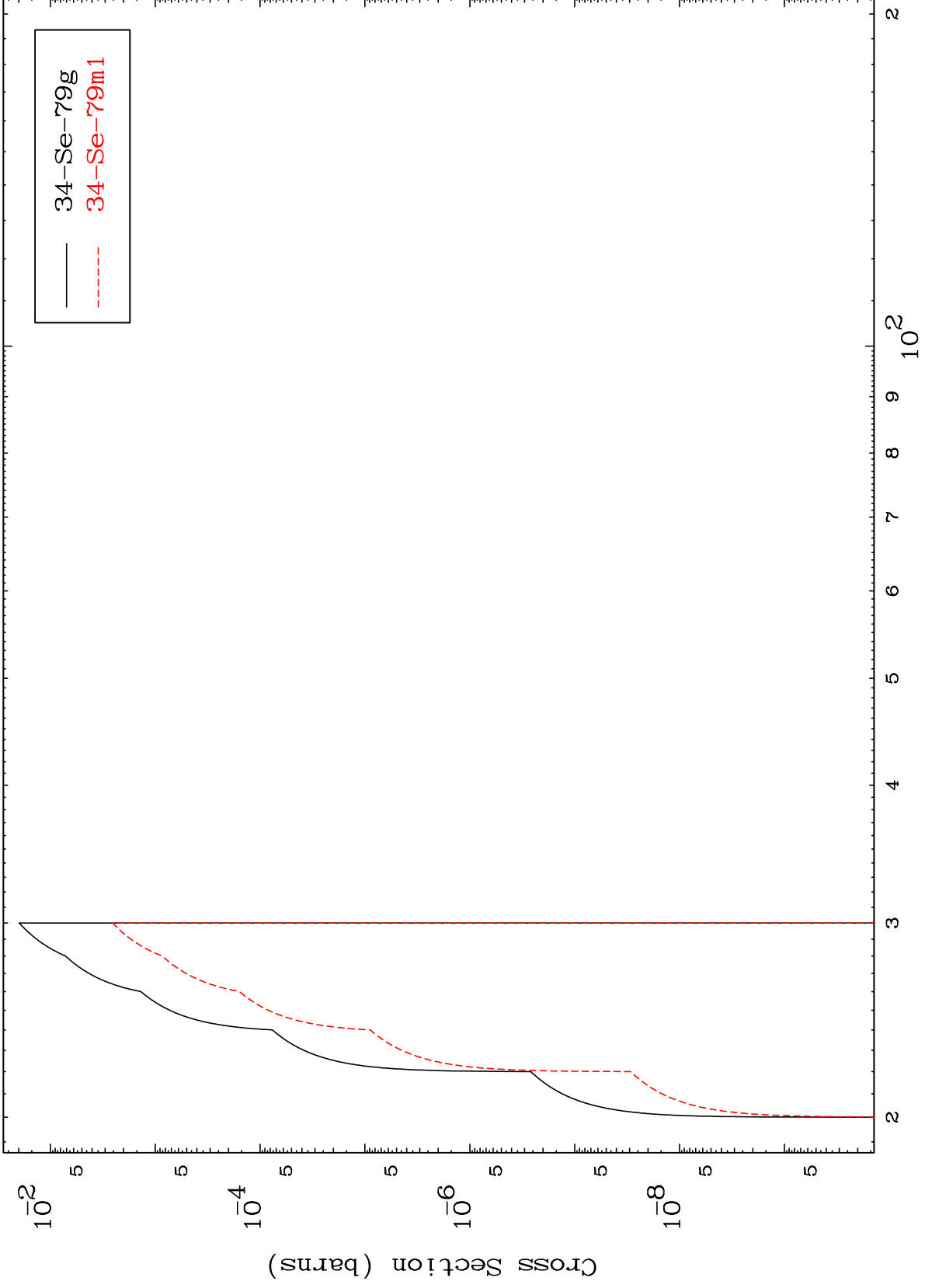
34-<sup>Se</sup>-81m

MAT 3447

(n,3n) p

<sup>34</sup>Se-81m

Radionuclide Production Cross Section



19

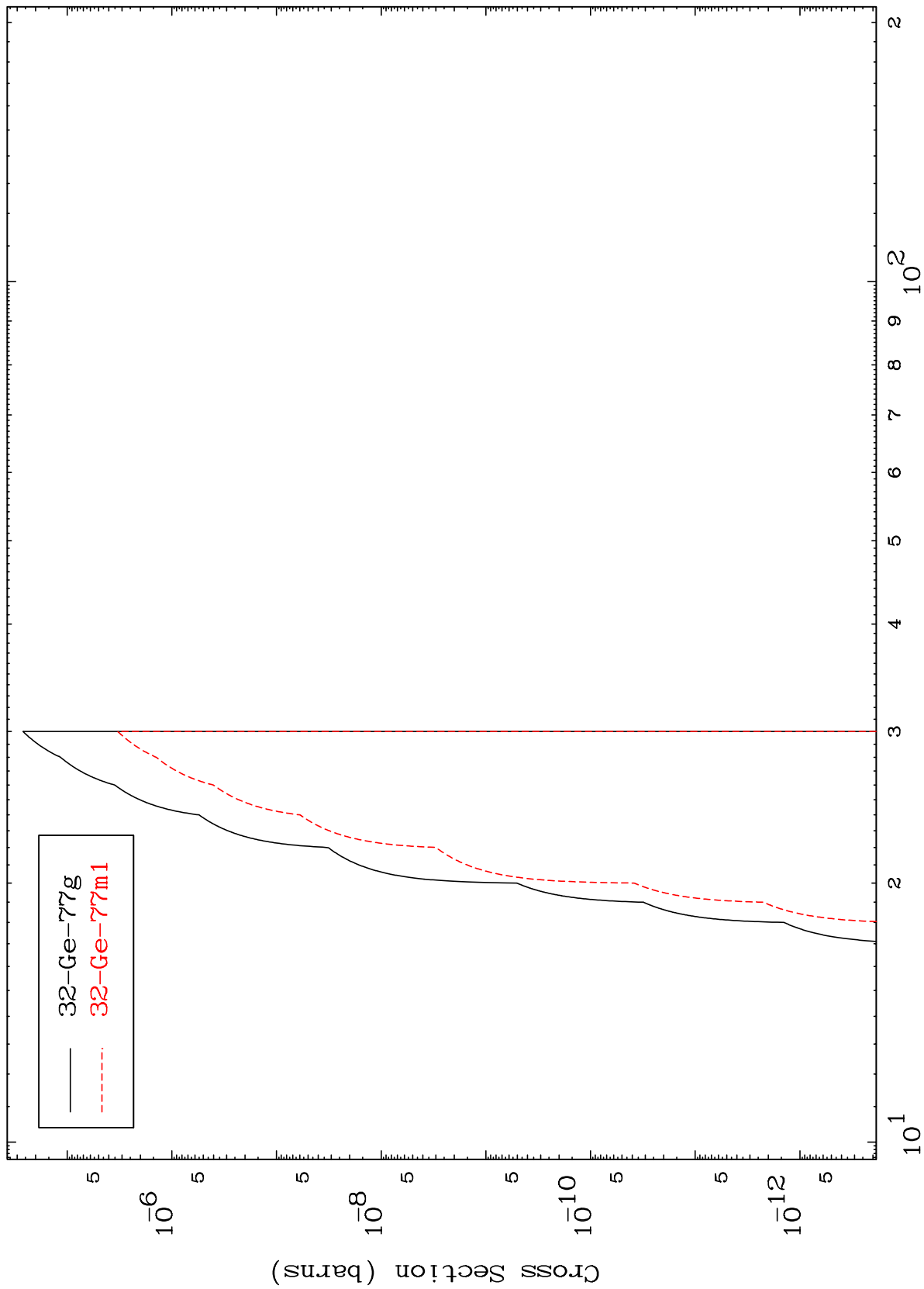
Incident Energy (MeV)

<sup>34</sup>Se-81m

MAT 3447

34-<sup>Se</sup>-81m

(n,n') p α  
Radionuclide Production Cross Section



34-<sup>Se</sup>-81m

Incident Energy (MeV)

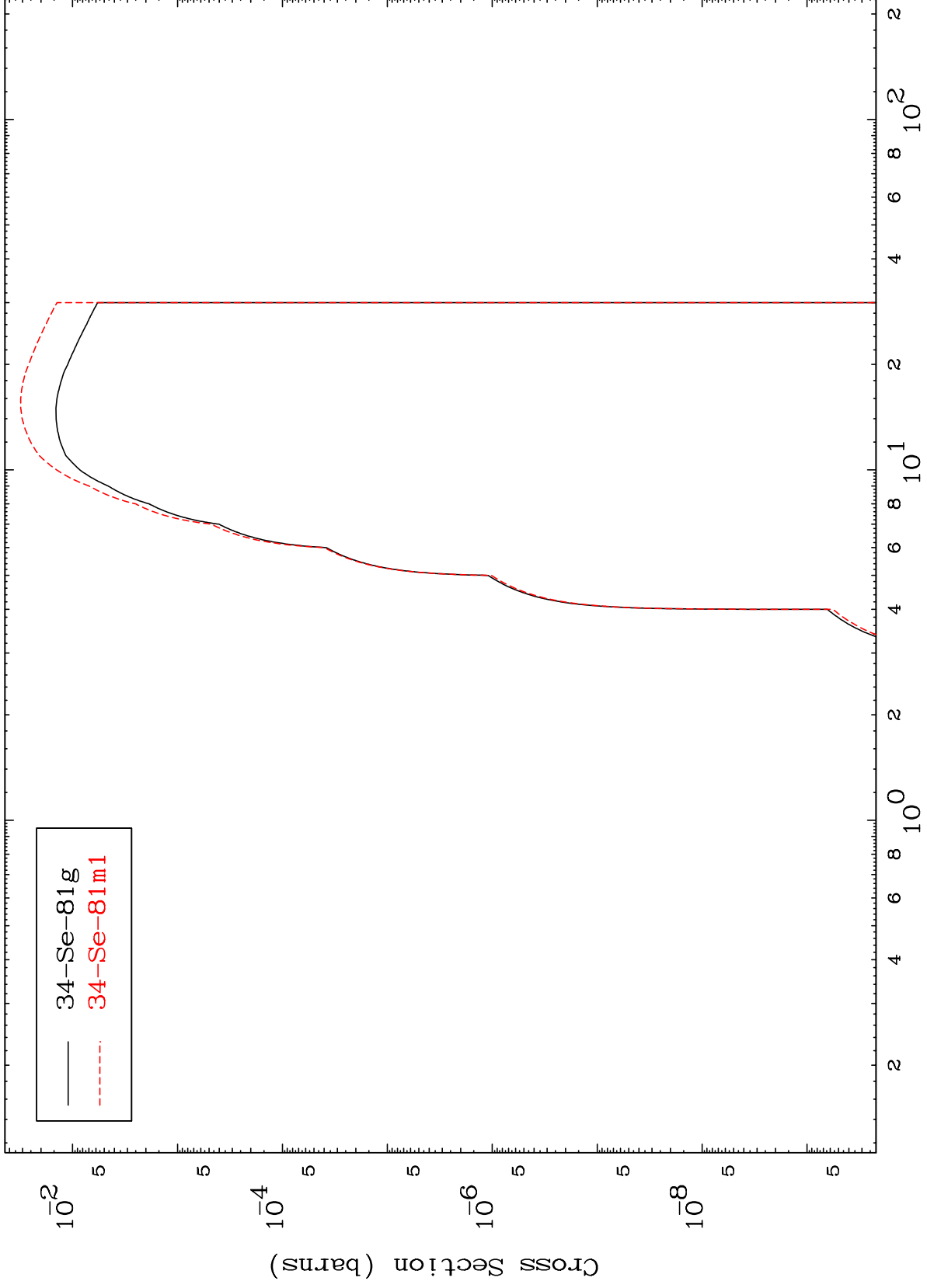
20

MAT 3447

(n,d)

<sup>34</sup>Se-81m

Radionuclide Production Cross Section



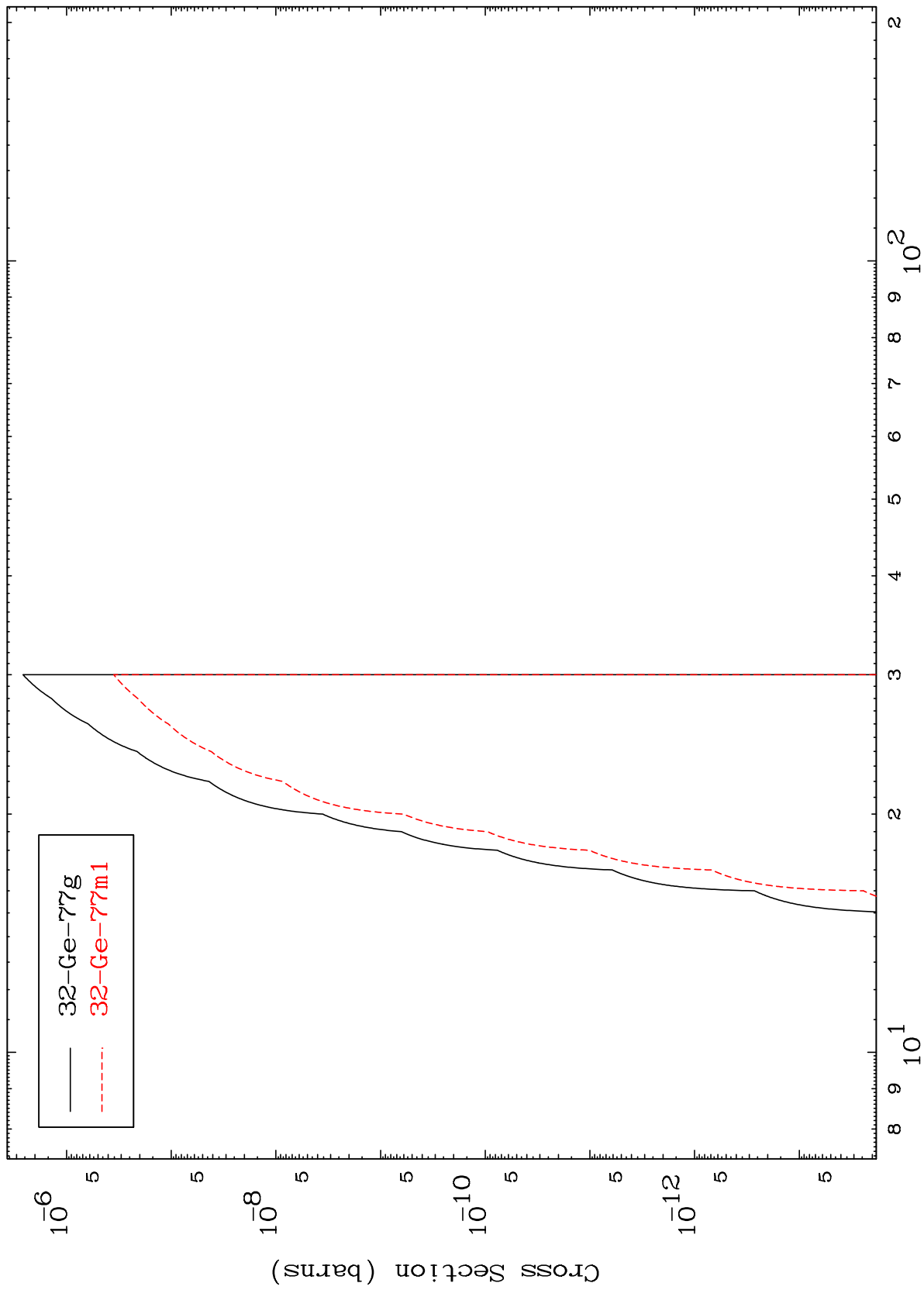
— 34-Se-81g  
- - - 34-Se-81m1

MAT 3447

<sup>34</sup>Se-81m

(n,d) α

Radionuclide Production Cross Section



22

Incident Energy (MeV)

<sup>34</sup>Se-81m