

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

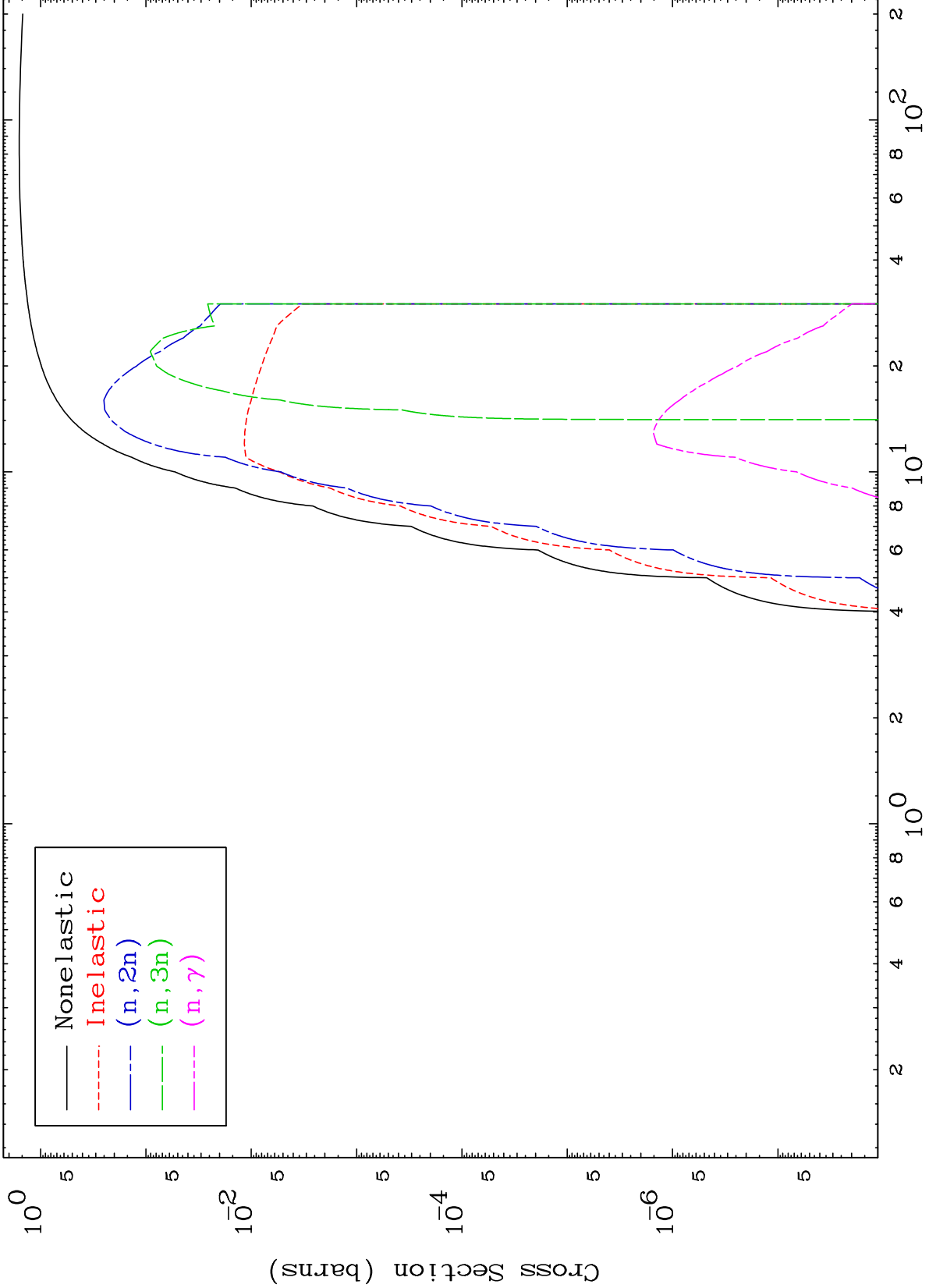
Press Mouse Button to Start

MAT 3435

He-3 Major

34-Se-77m

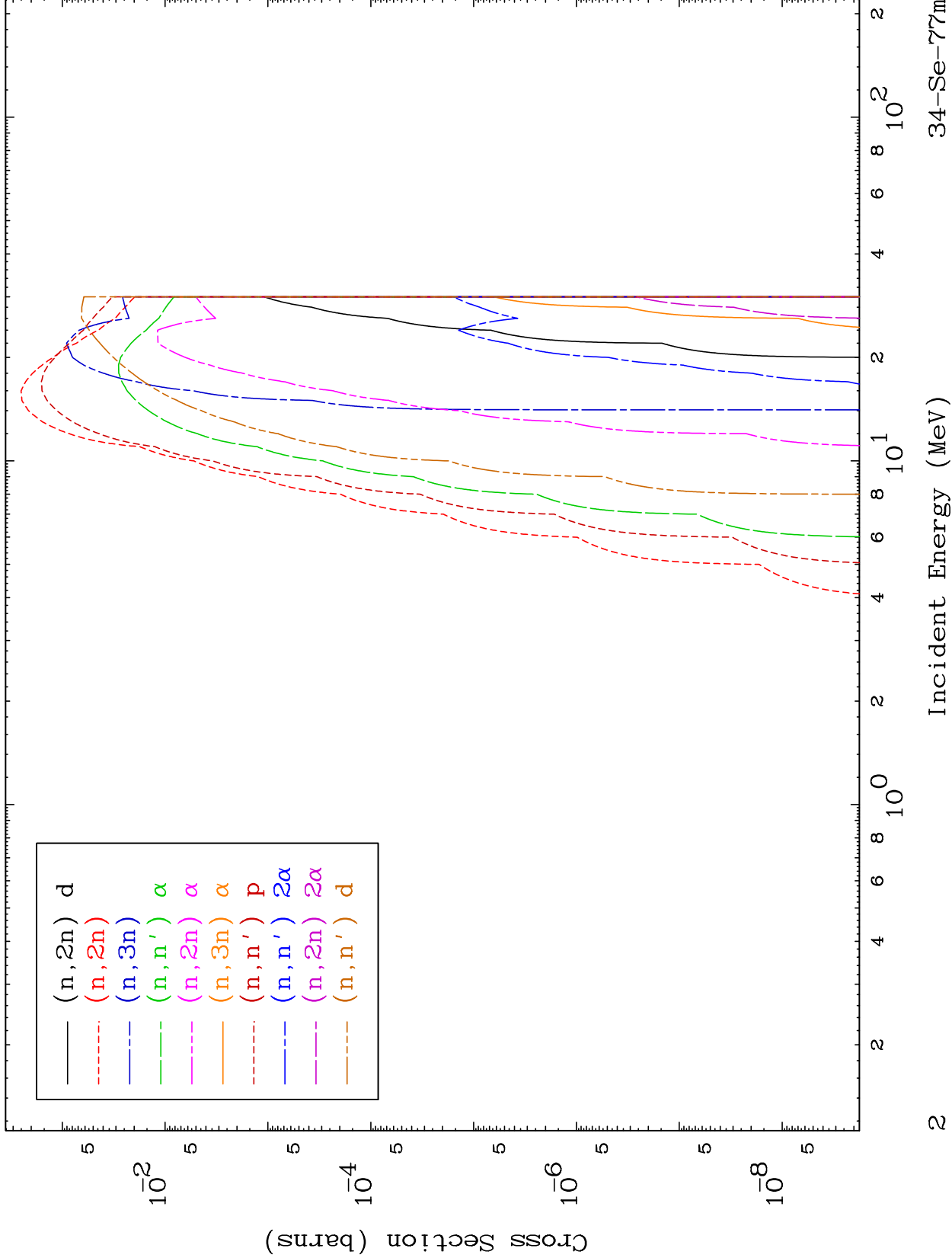
0 Kelvin Cross Sections



MAT 3435

He-3 Neutron Absorption  
0 Kelvin Cross Sections

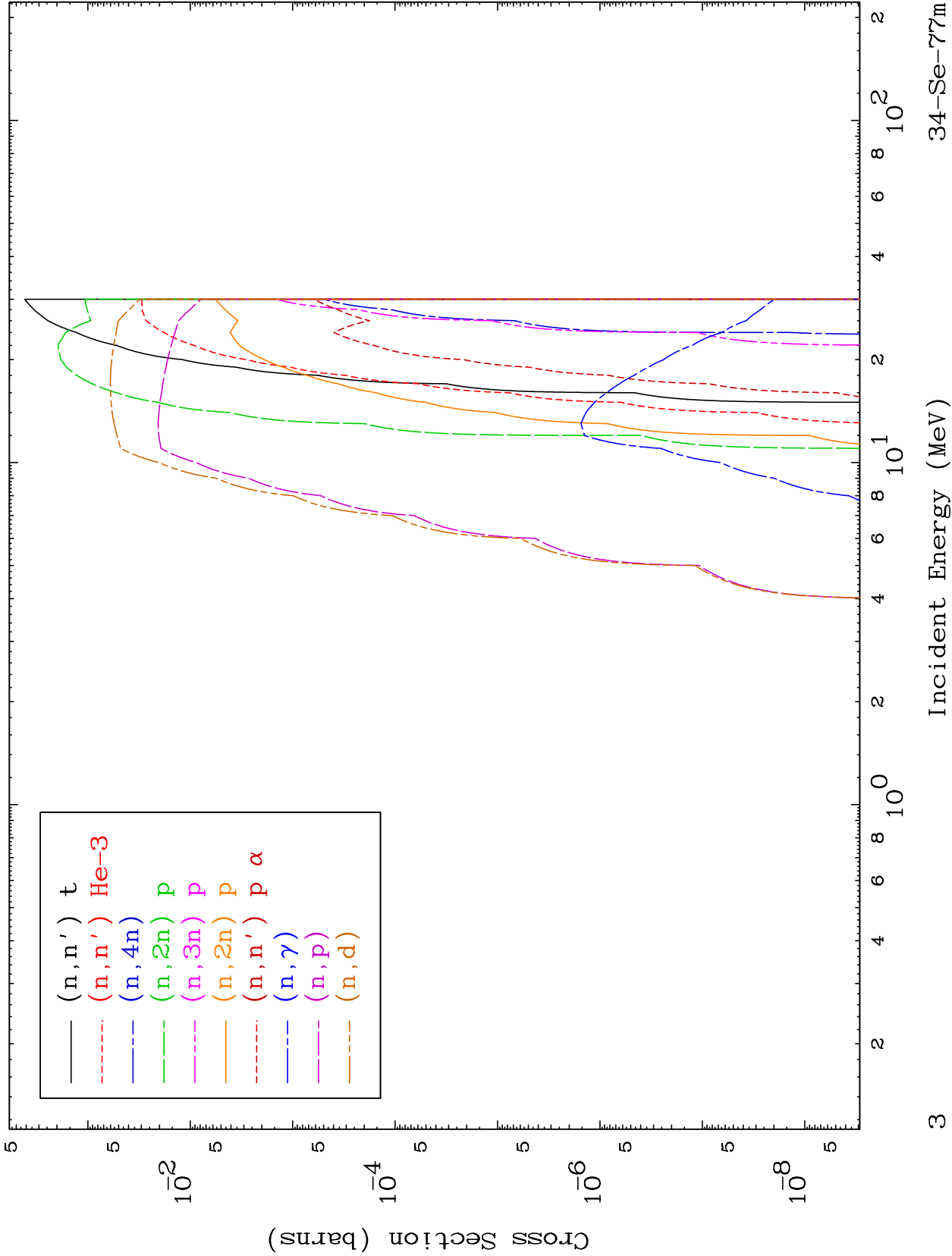
<sup>34</sup>Se-77m



MAT 3435

He-3 Neutron Absorption  
0 Kelvin Cross Sections

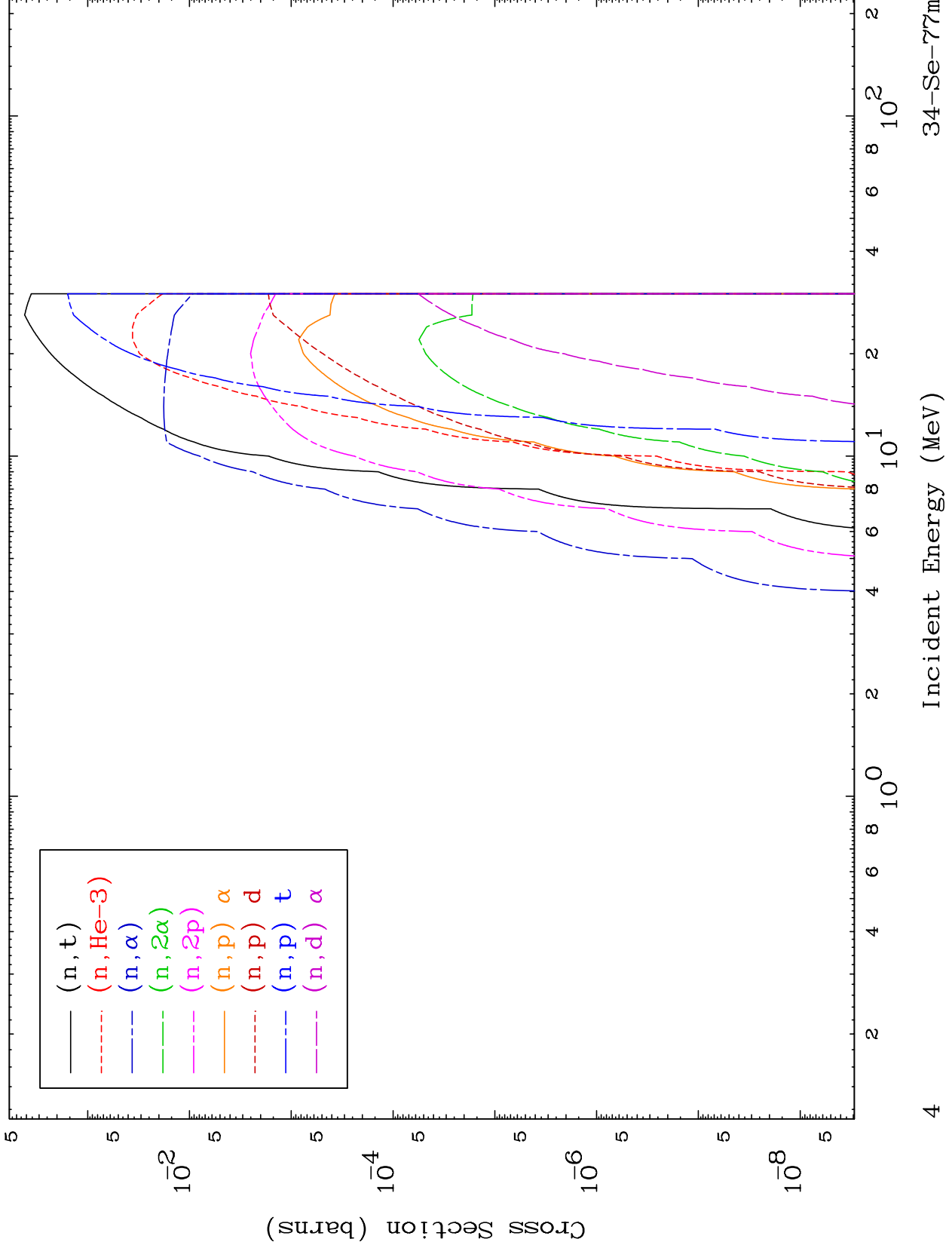
34-Se-77m



MAT 3435

He-3 Neutron Absorption  
0 Kelvin Cross Sections

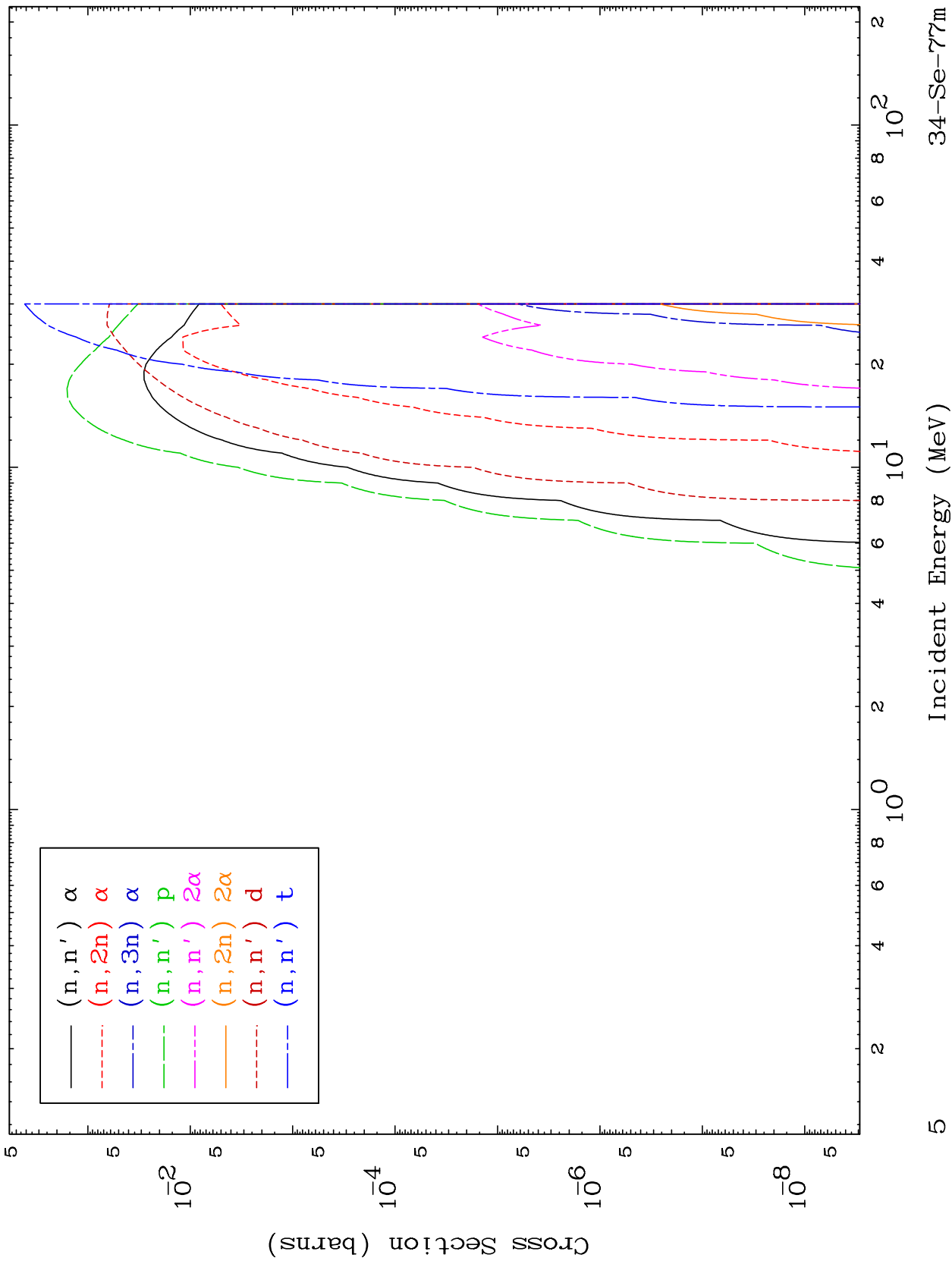
34-Se-77m



MAT 3435

He-3 Charged Particle  
0 Kelvin Cross Sections

<sup>34</sup>Se-77m



5

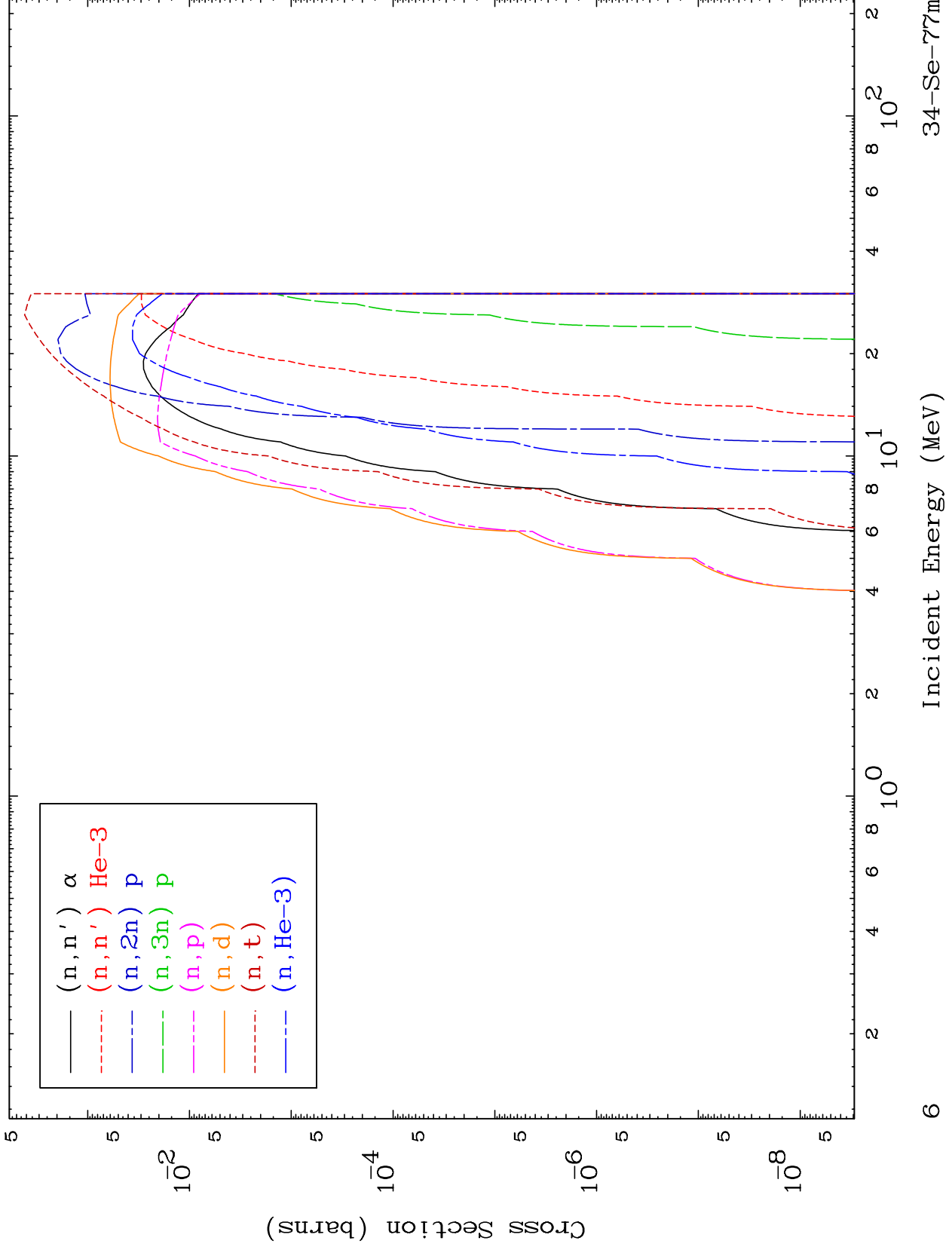
Incident Energy (MeV)

<sup>34</sup>Se-77m

MAT 3435

He-3 Charged Particle  
0 Kelvin Cross Sections

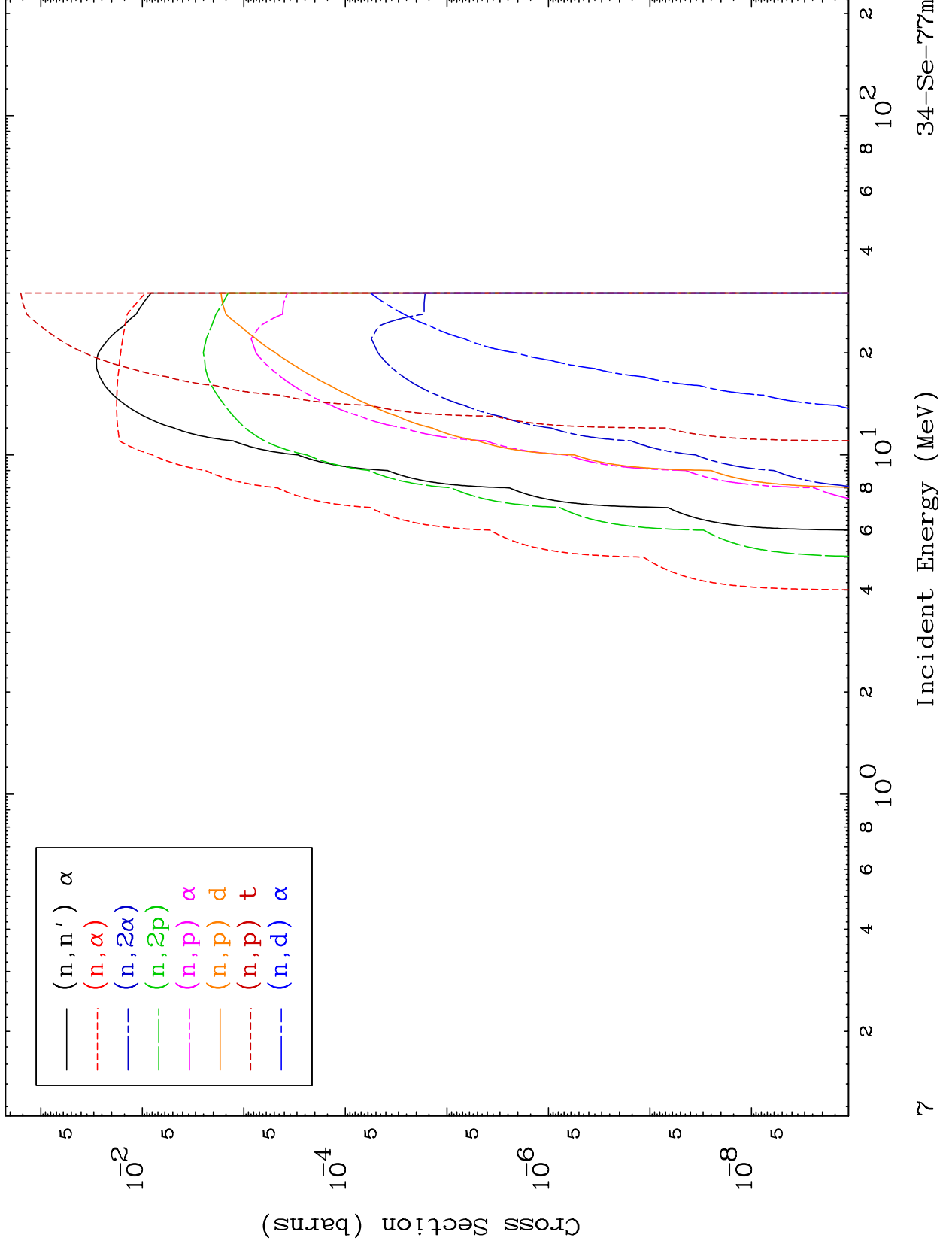
34-Se-77m



MAT 3435

He-3 Charged Particle  
0 Kelvin Cross Sections

<sup>34</sup>Se-<sup>77</sup>m

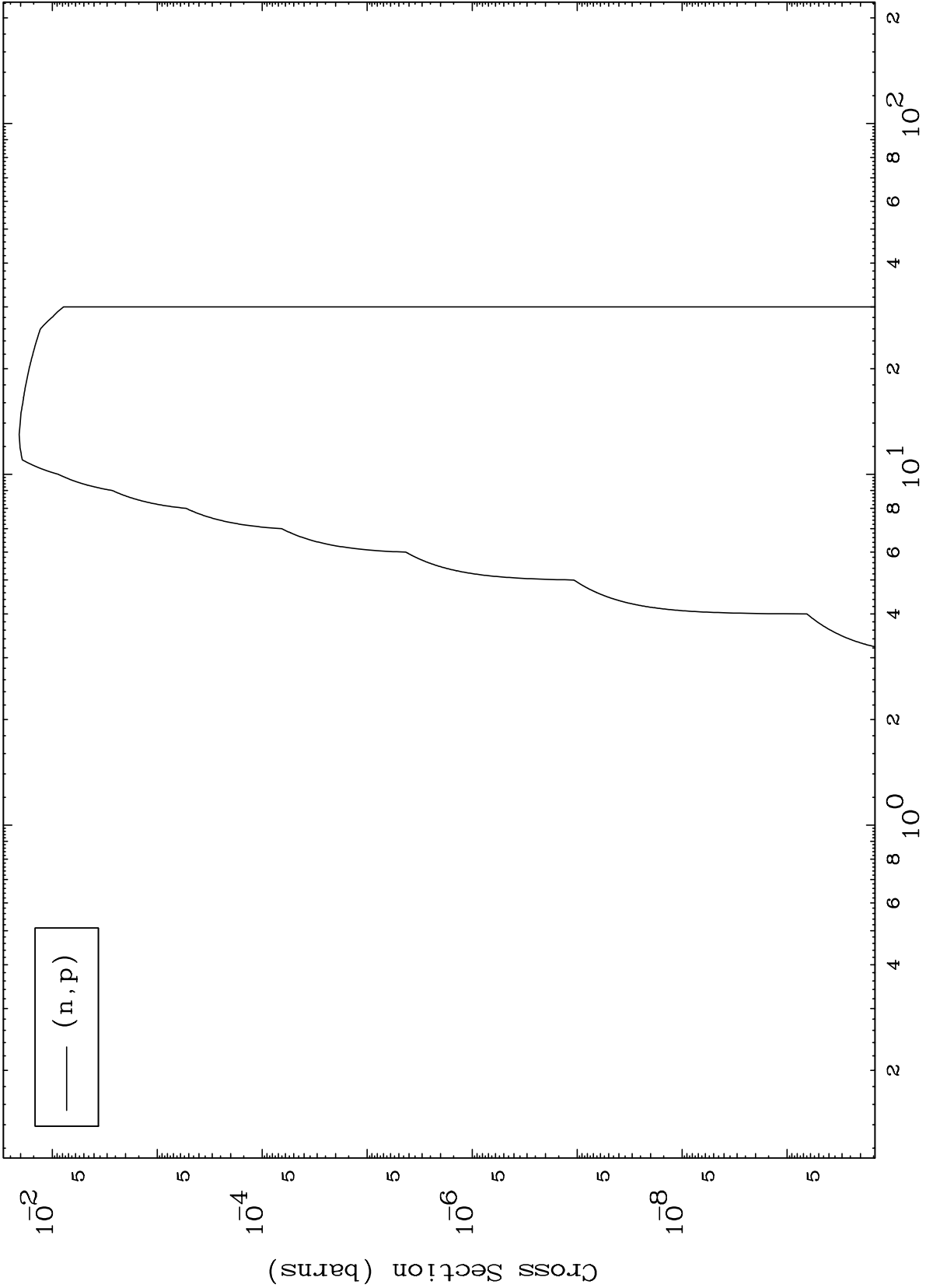


MAT 3435

(He-3,p) Levels

34-Se-77m

0 Kelvin Cross Sections

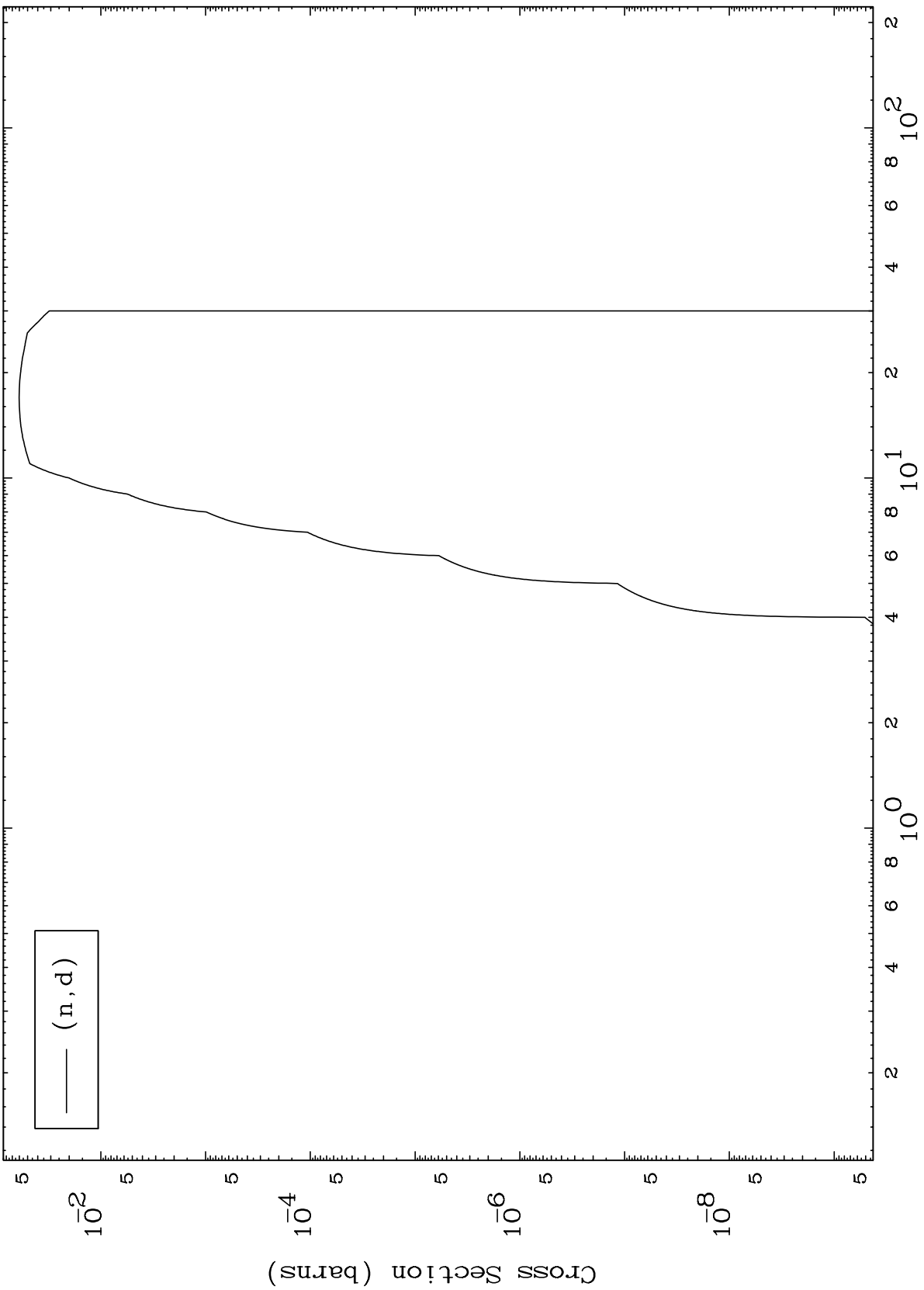


MAT 3435

(He-3,d) Levels

34-Se-77m

0 Kelvin Cross Sections

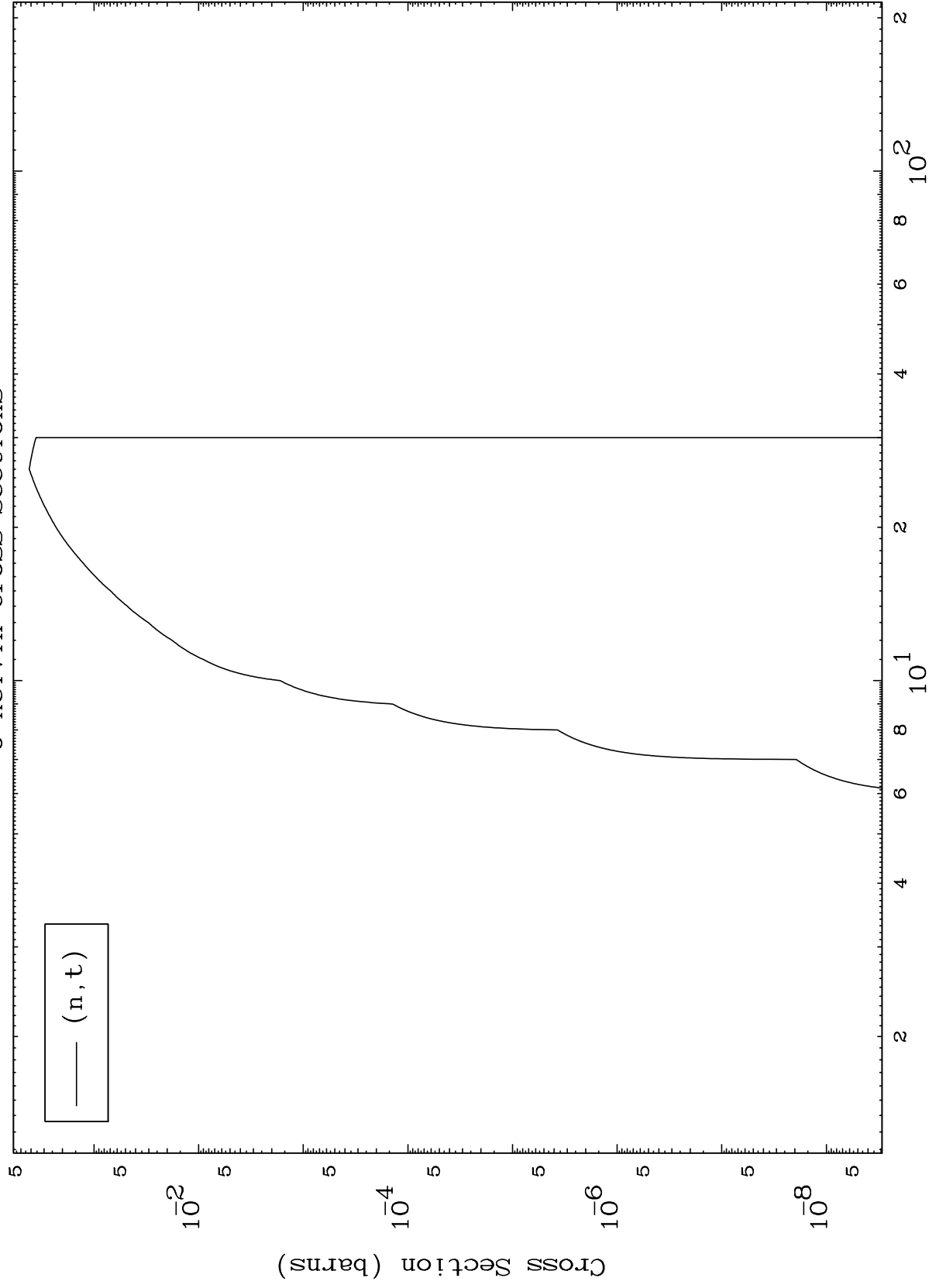


(n,d)

MAT 3435

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

34-Se-77m



10

Incident Energy (MeV)

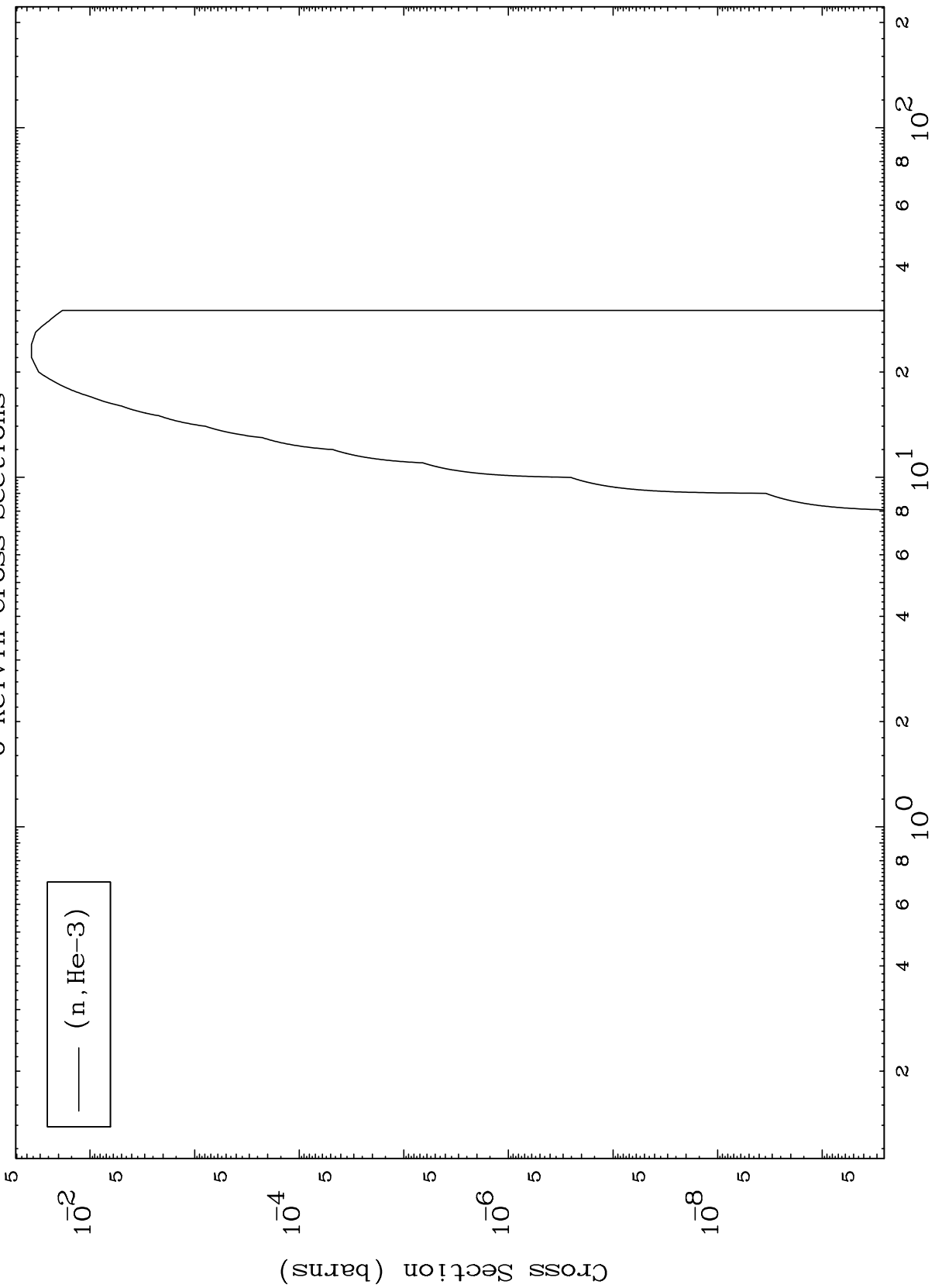
34-Se-77m

MAT 3435

(He-3, He3) Levels

34-Se-77m

0 Kelvin Cross Sections

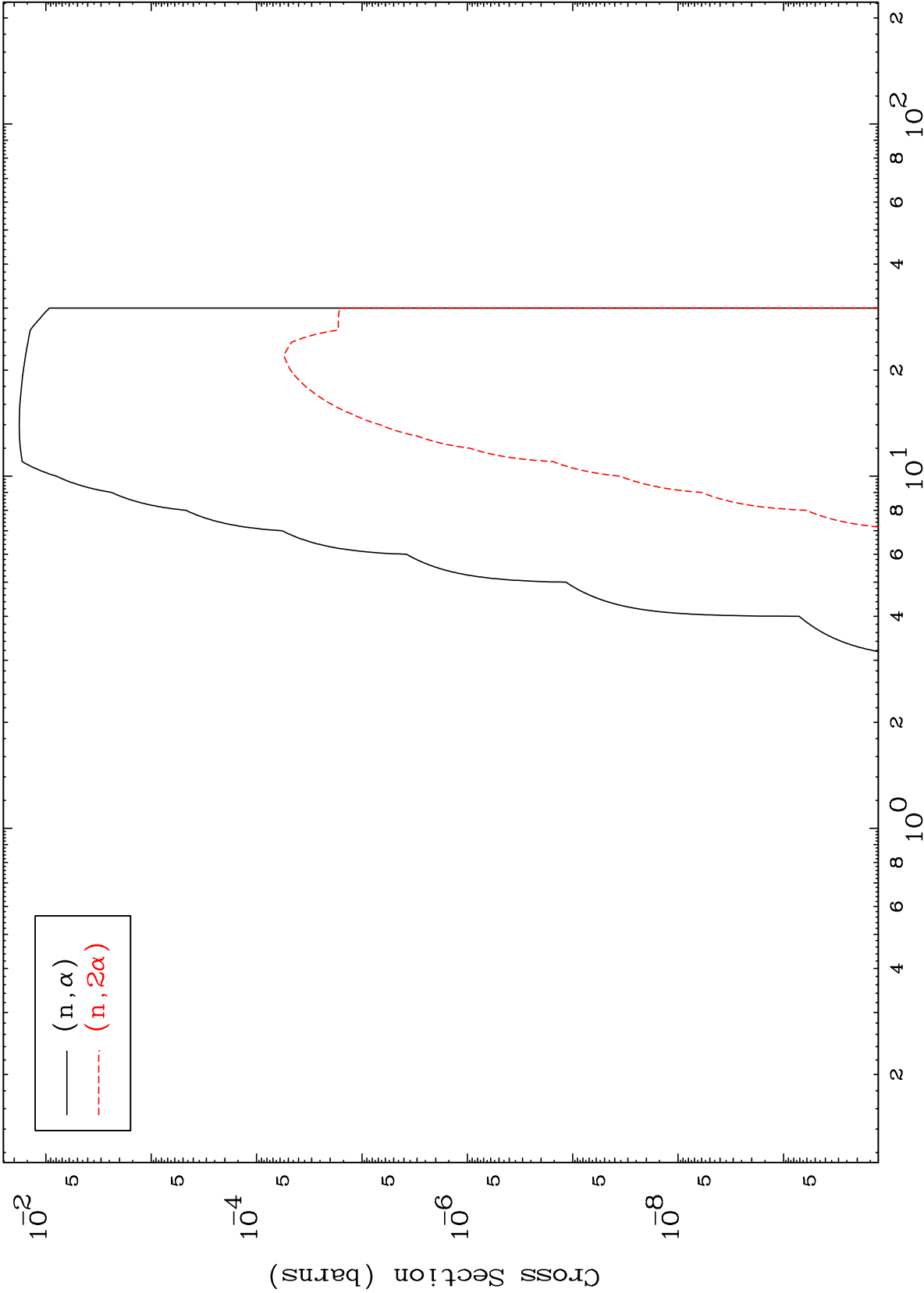


MAT 3435

(He-3,  $\alpha$ ) Levels

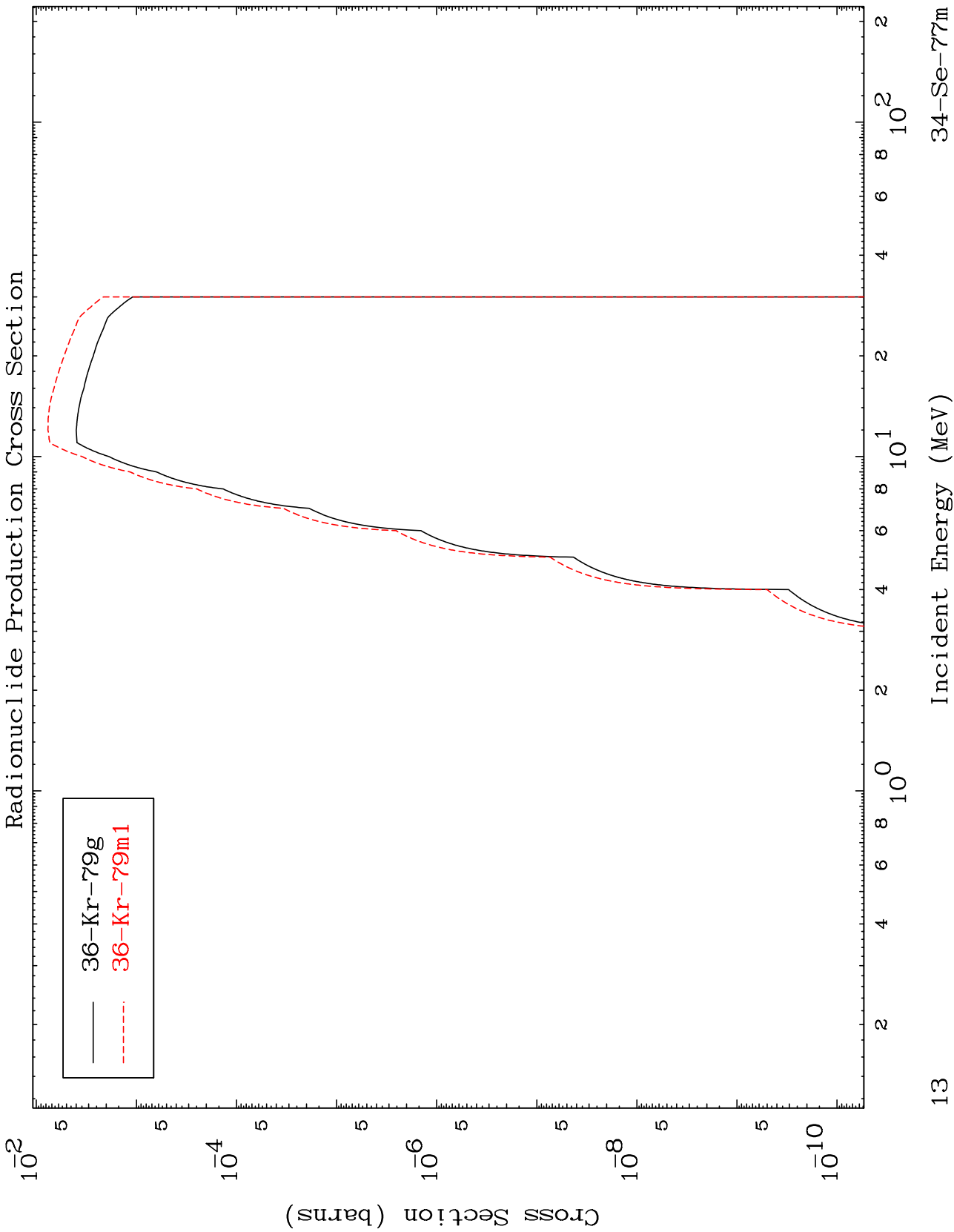
34-Se-77m

0 Kelvin Cross Sections



MAT 3435

<sup>34</sup>Se-<sup>77</sup>m

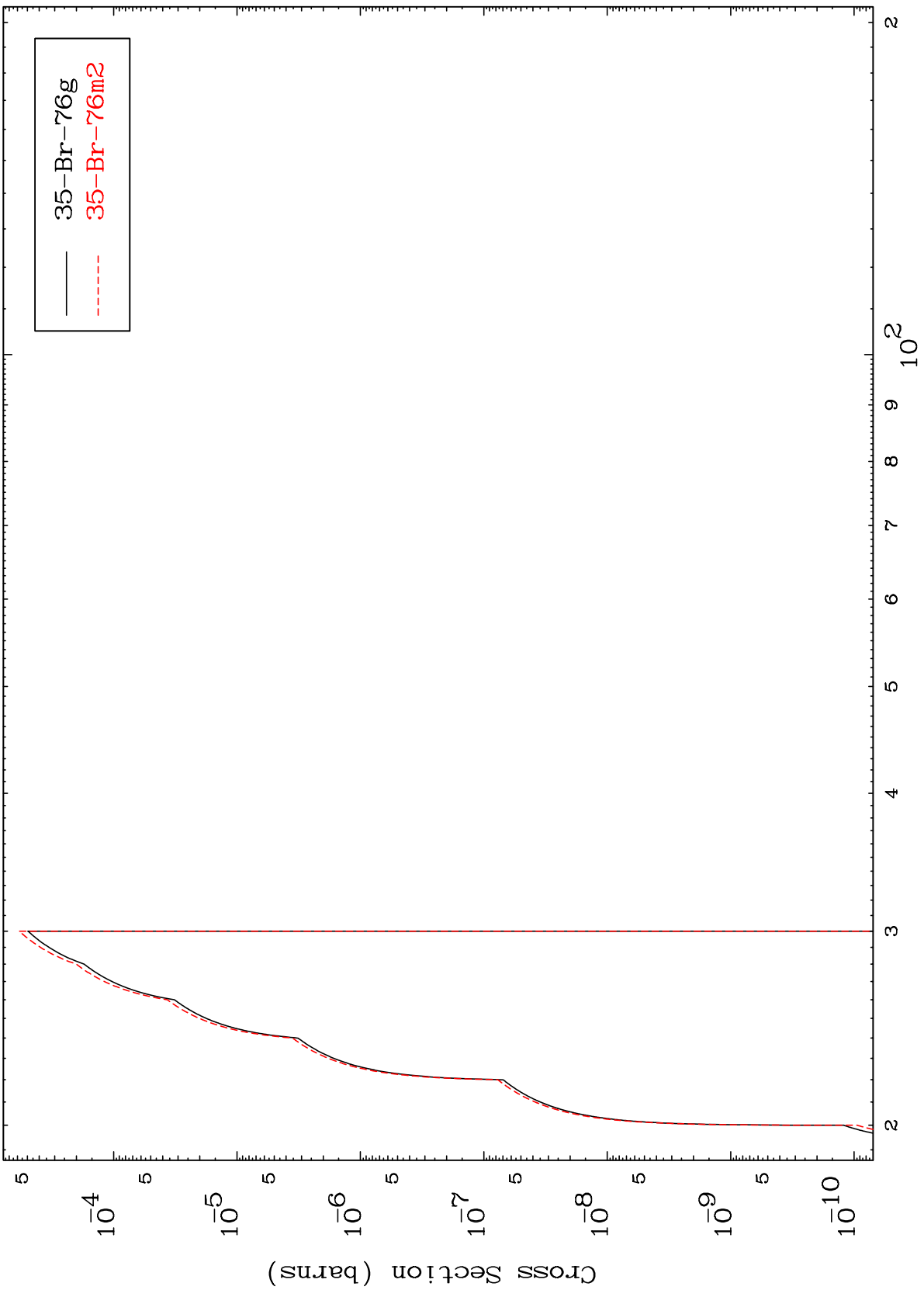


MAT 3435

(n,2n) d

34-Se-77m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

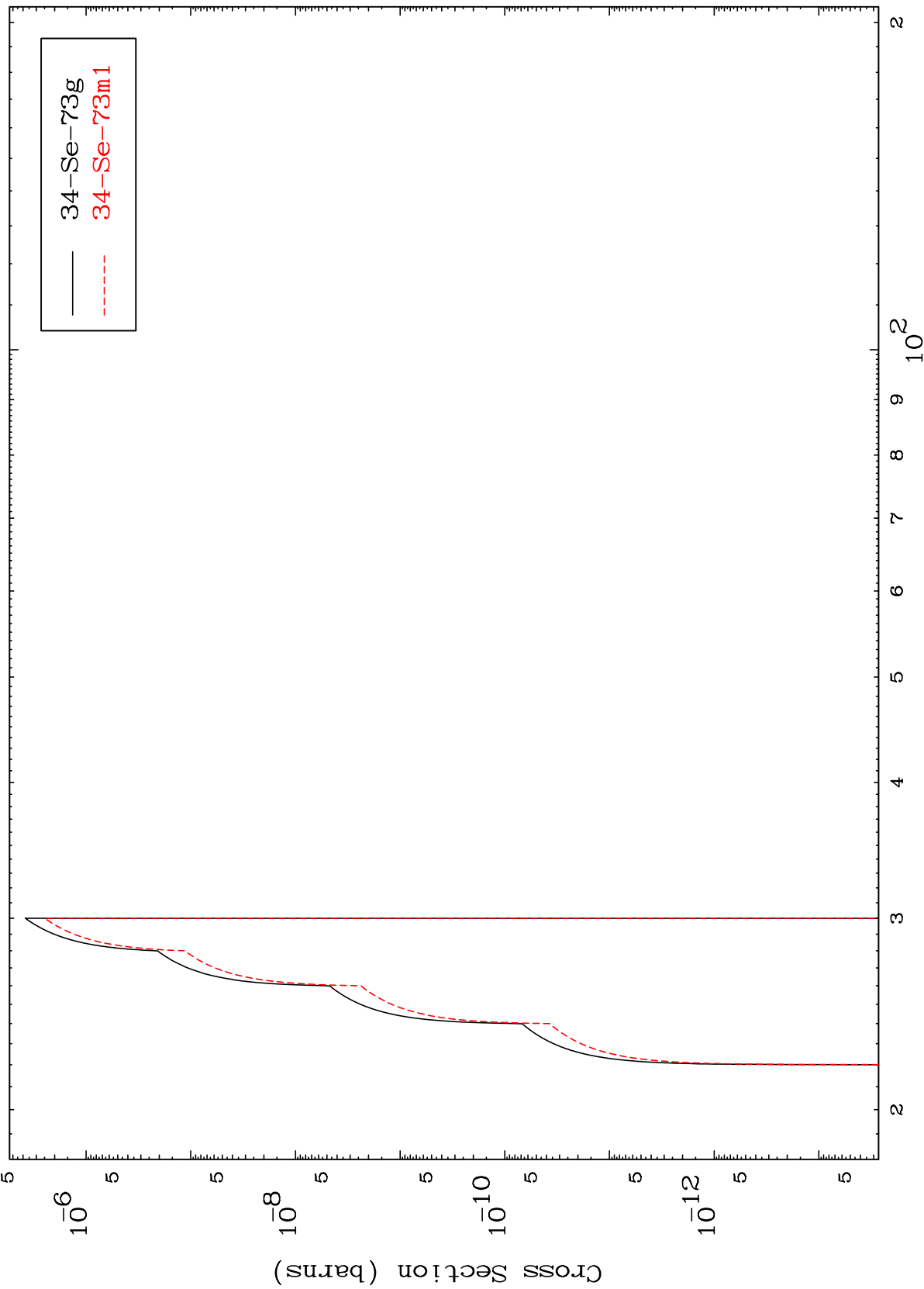
34-Se-77m

MAT 3435

$(n,3n) \alpha$

$^{34}\text{Se-77m}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

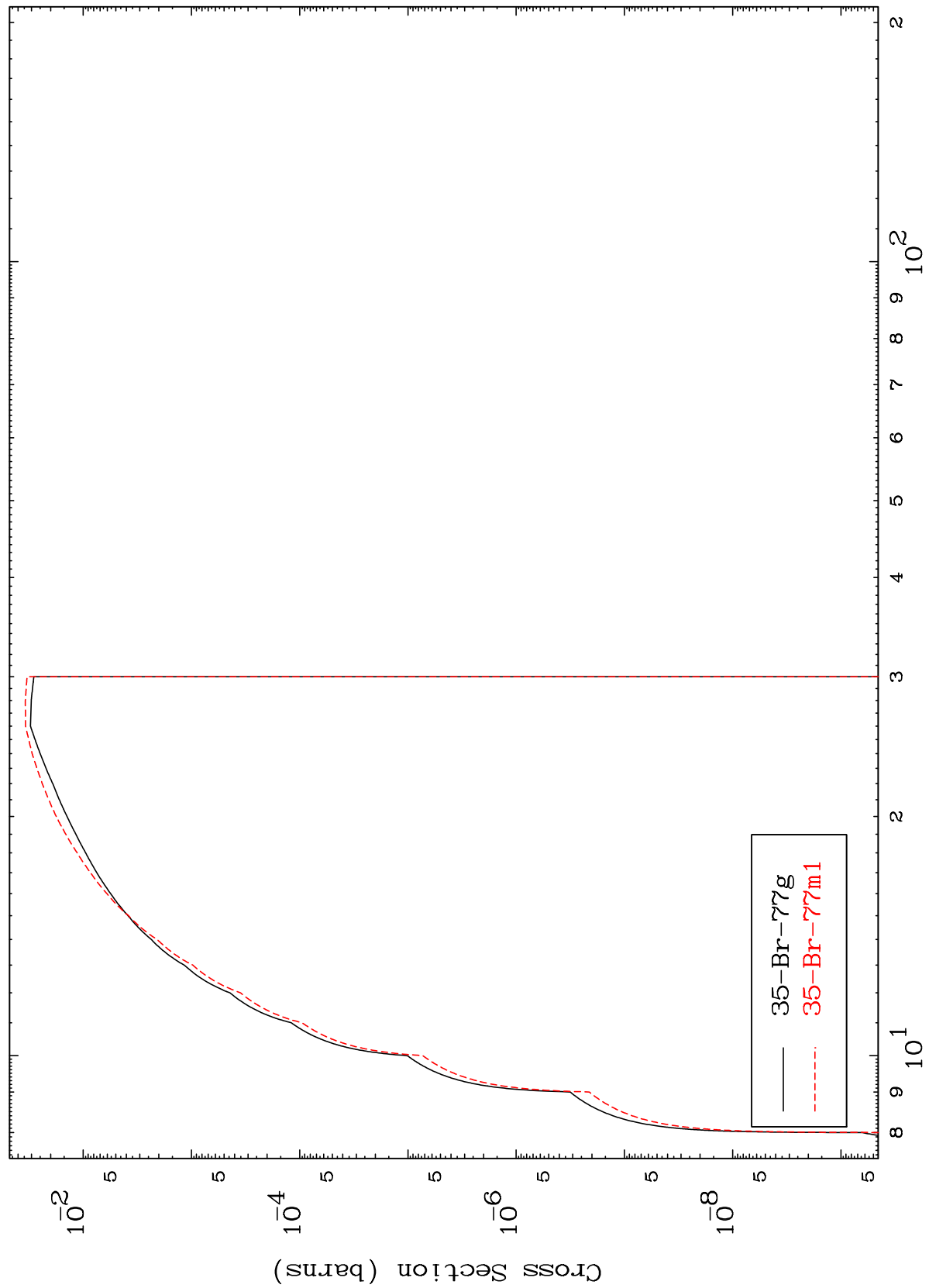
$^{34}\text{Se-77m}$

MAT 3435

$(n, n')$  d

$^{34}\text{Se-}77\text{m}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

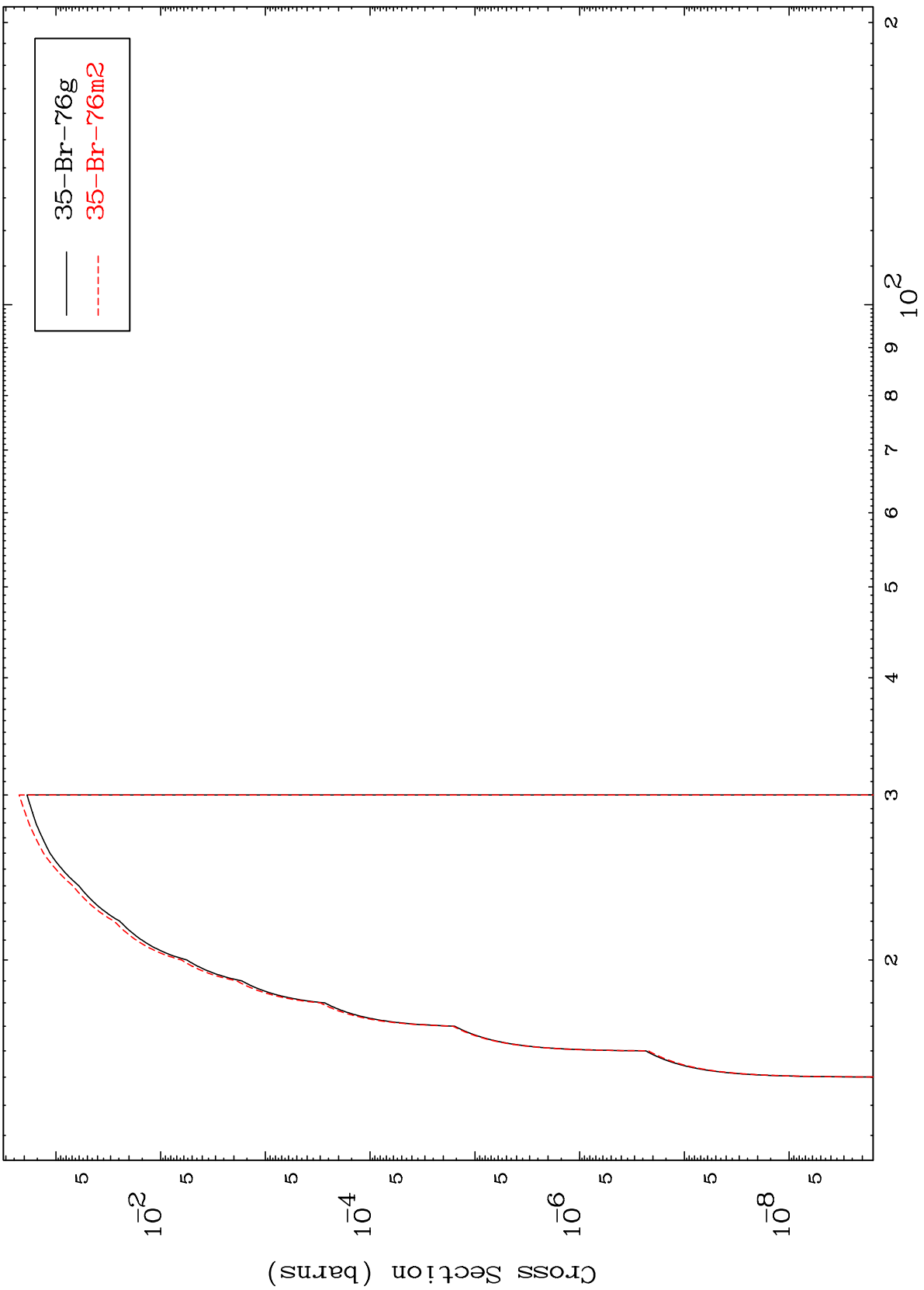
$^{34}\text{Se-}77\text{m}$

MAT 3435

(n,n') t

34-Se-77m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

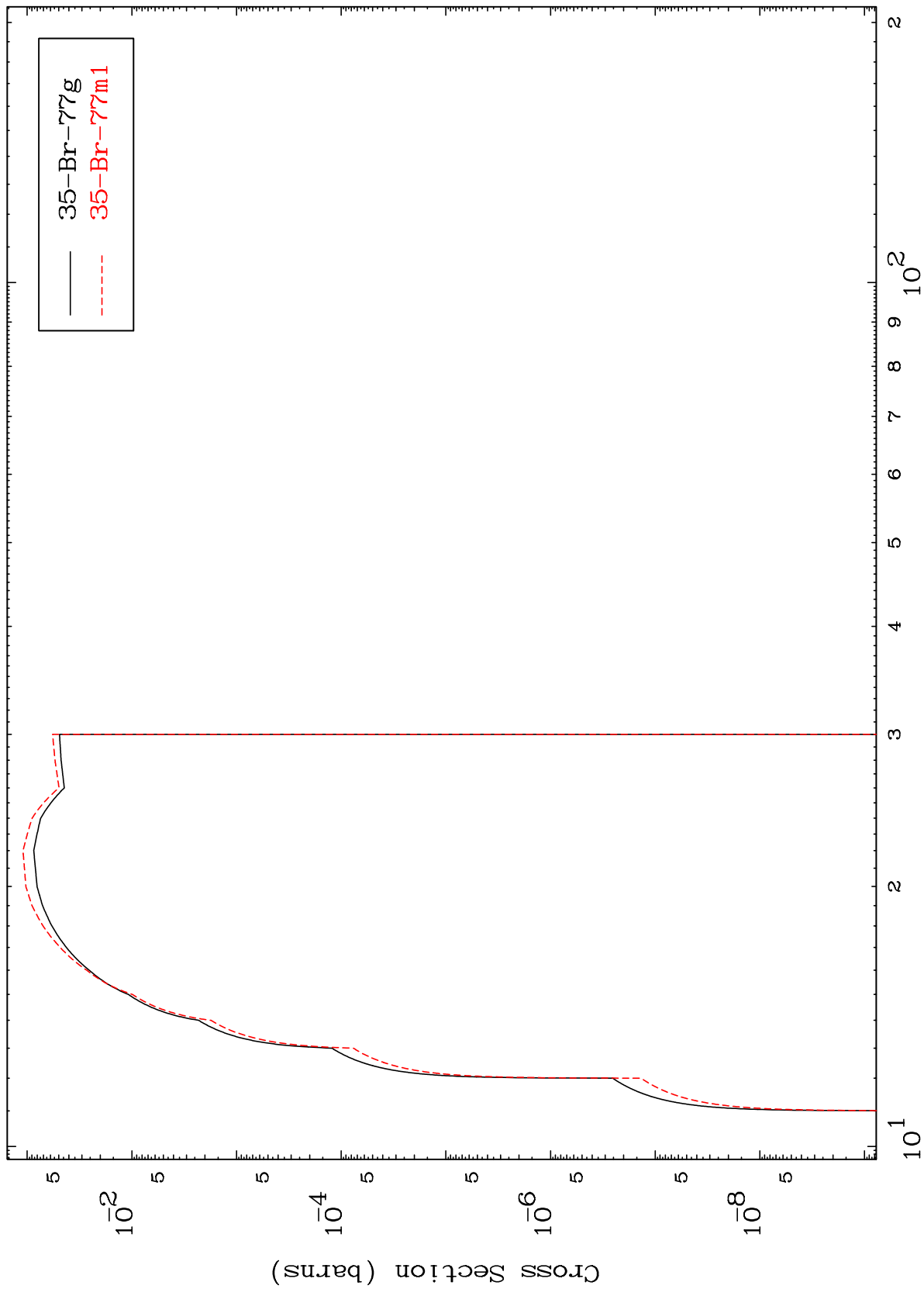
34-Se-77m

MAT 3435

(n,2n) p

<sup>34</sup>Se-<sup>77</sup>m

Radionuclide Production Cross Section



Incident Energy (MeV)

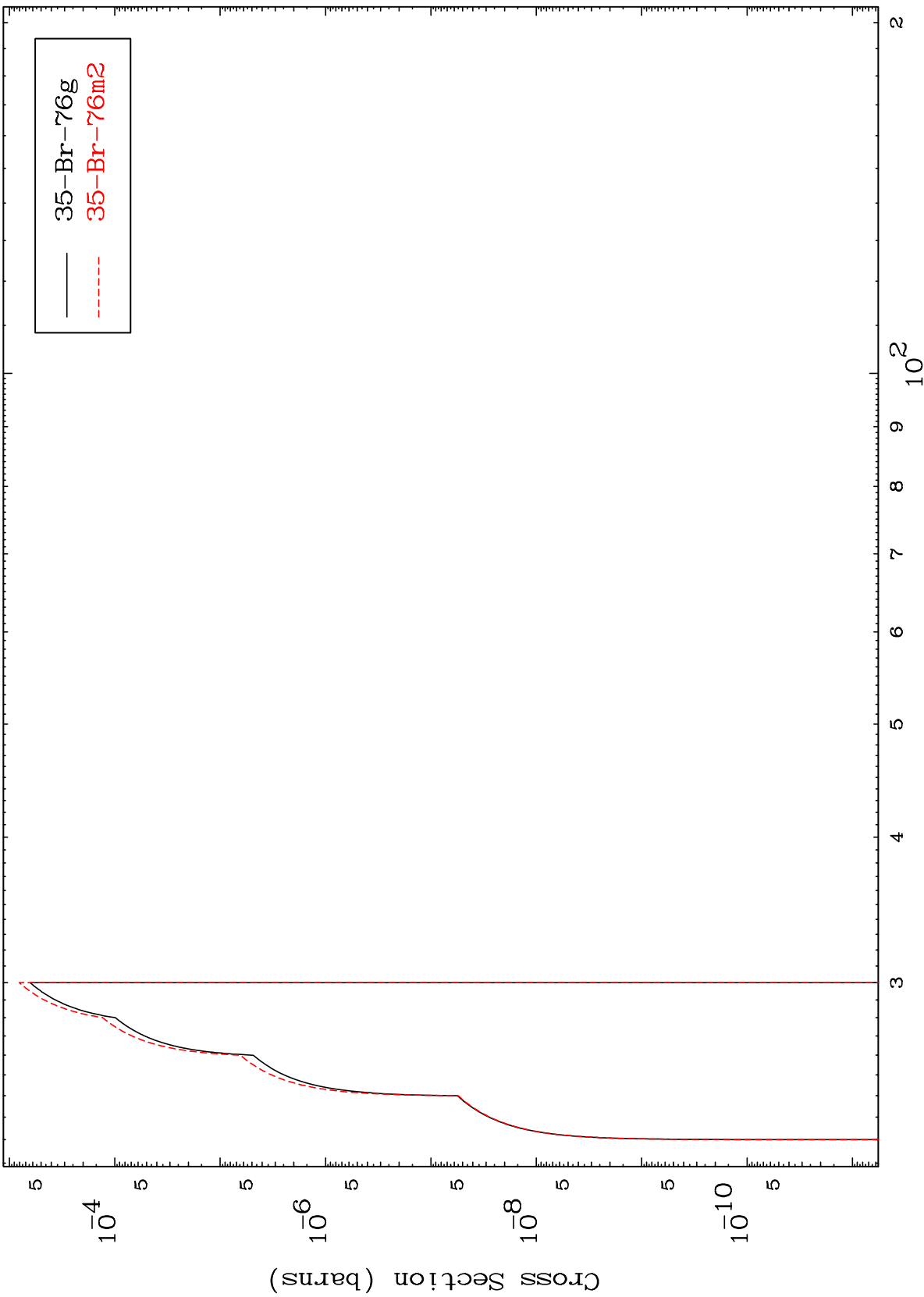
<sup>34</sup>Se-<sup>77</sup>m

MAT 3435

(n,3n) p

<sup>34</sup>Se-<sup>77</sup>m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

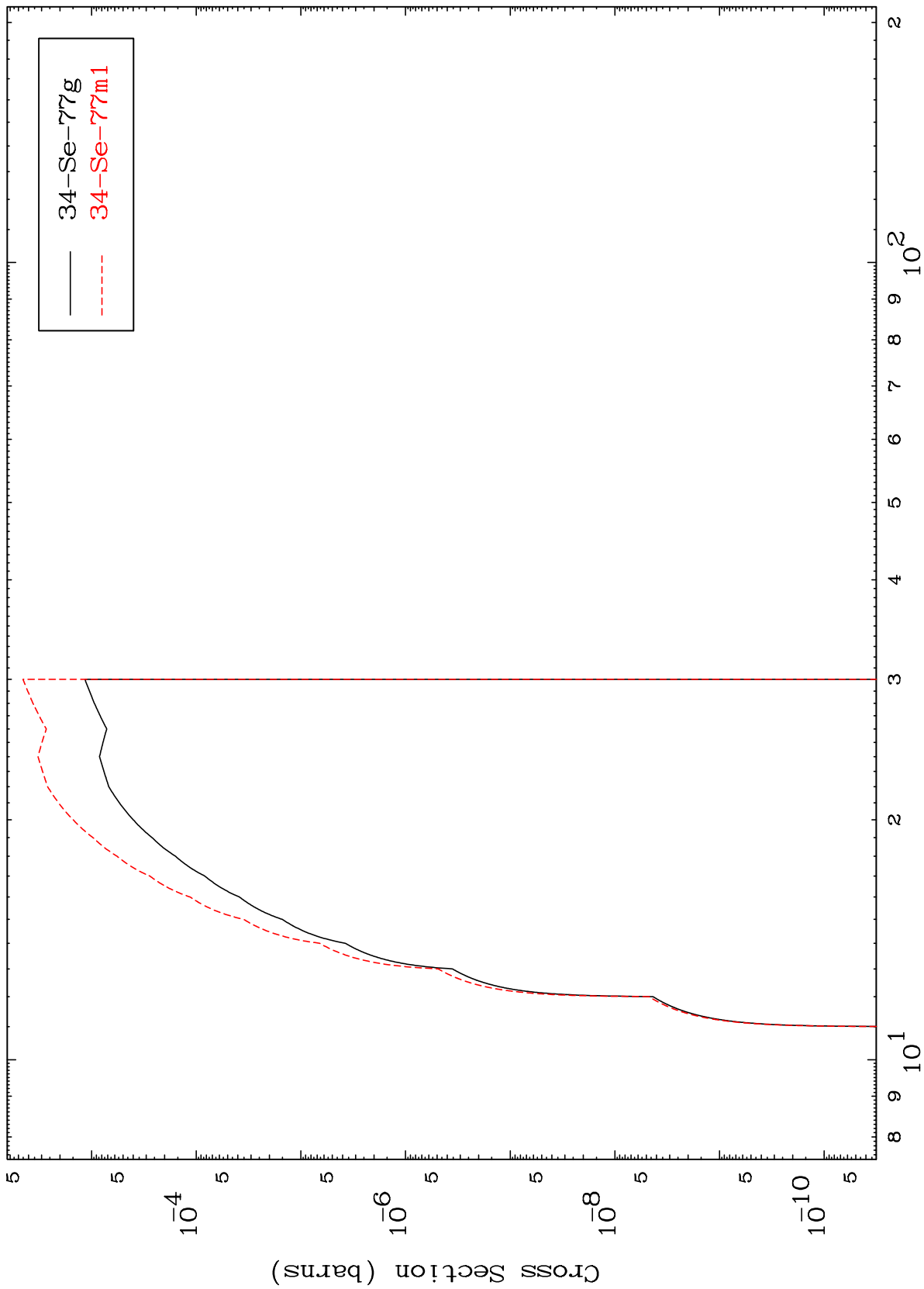
<sup>34</sup>Se-<sup>77</sup>m

MAT 3435

(n,2n) p

34-Se-77m

Radionuclide Production Cross Section



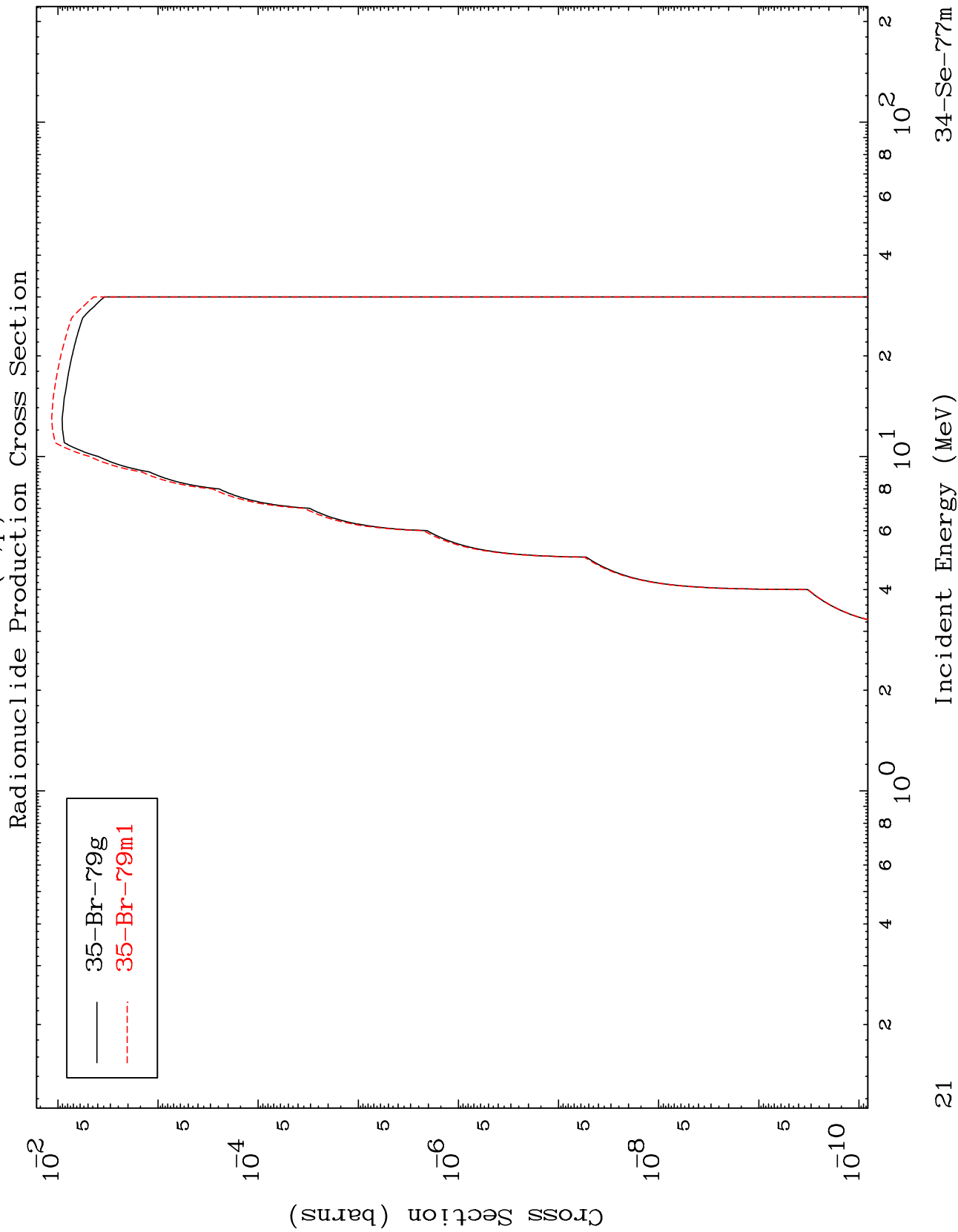
20

Incident Energy (MeV)

34-Se-77m

MAT 3435

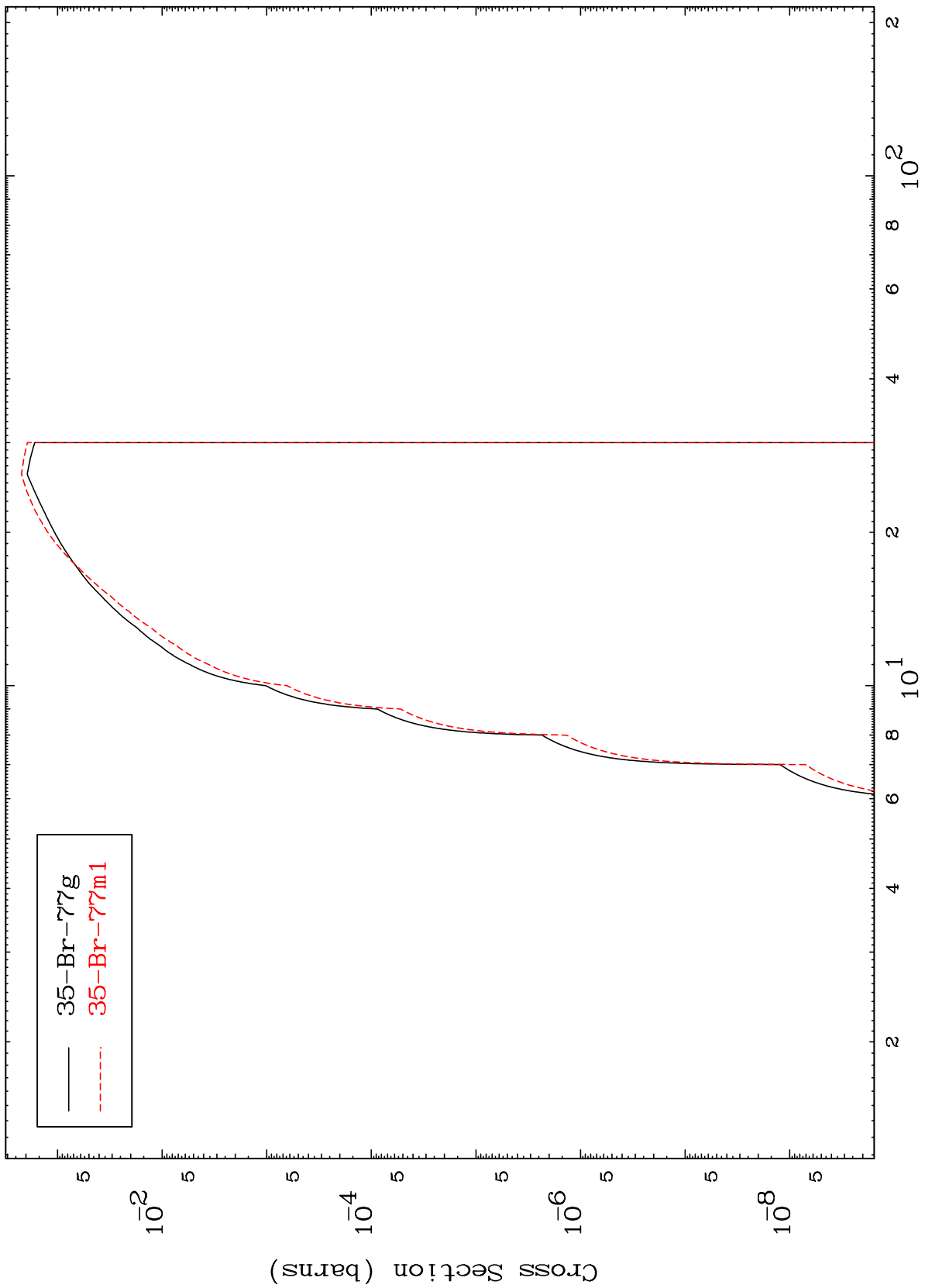
<sup>34</sup>Se-<sup>77</sup>m



MAT 3435

<sup>34</sup>Se-<sup>77</sup>m

Radionuclide Production Cross Section

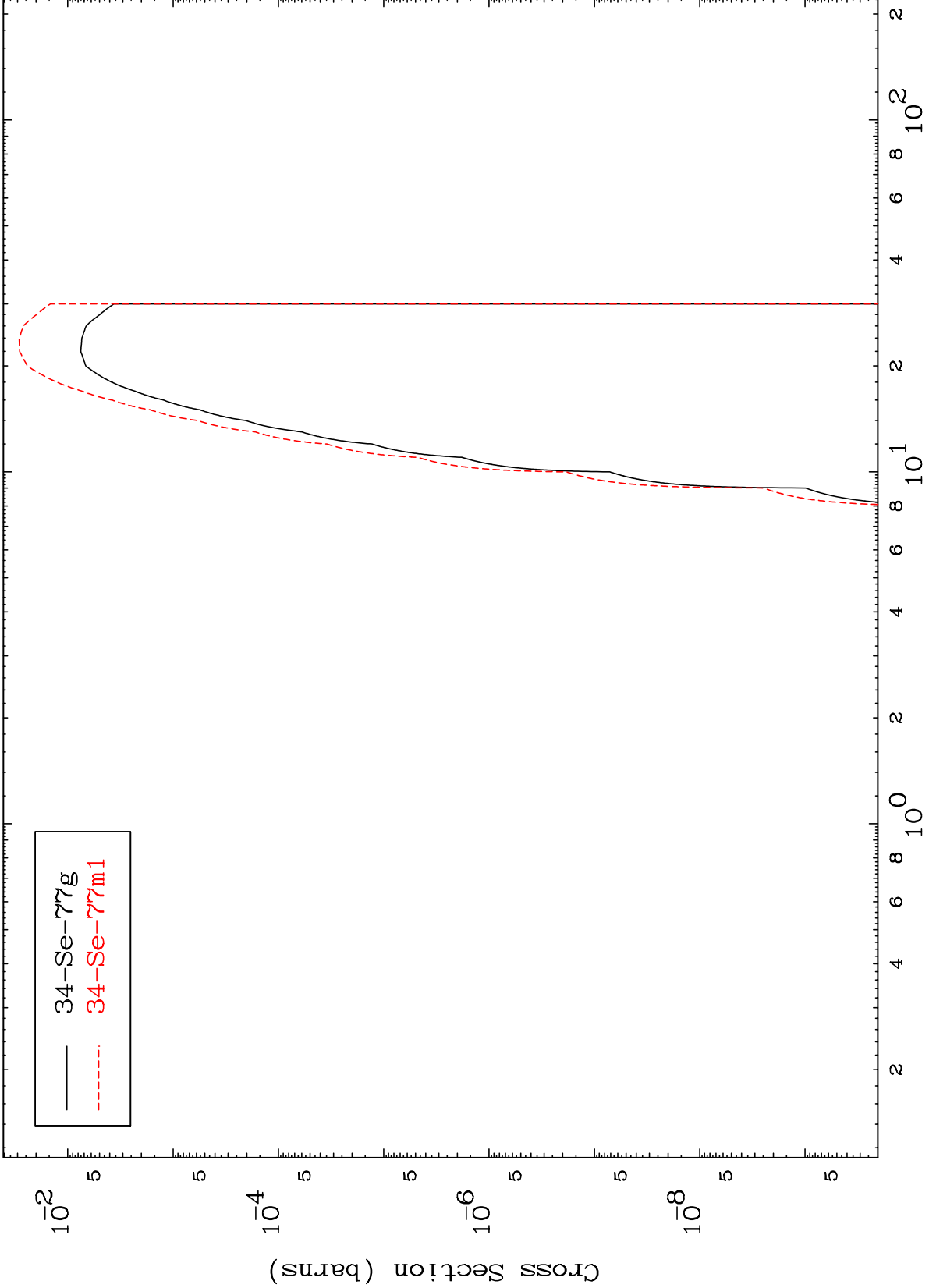


MAT 3435

(n,He-3)

<sup>34</sup>Se-<sup>77m</sup>

Radionuclide Production Cross Section



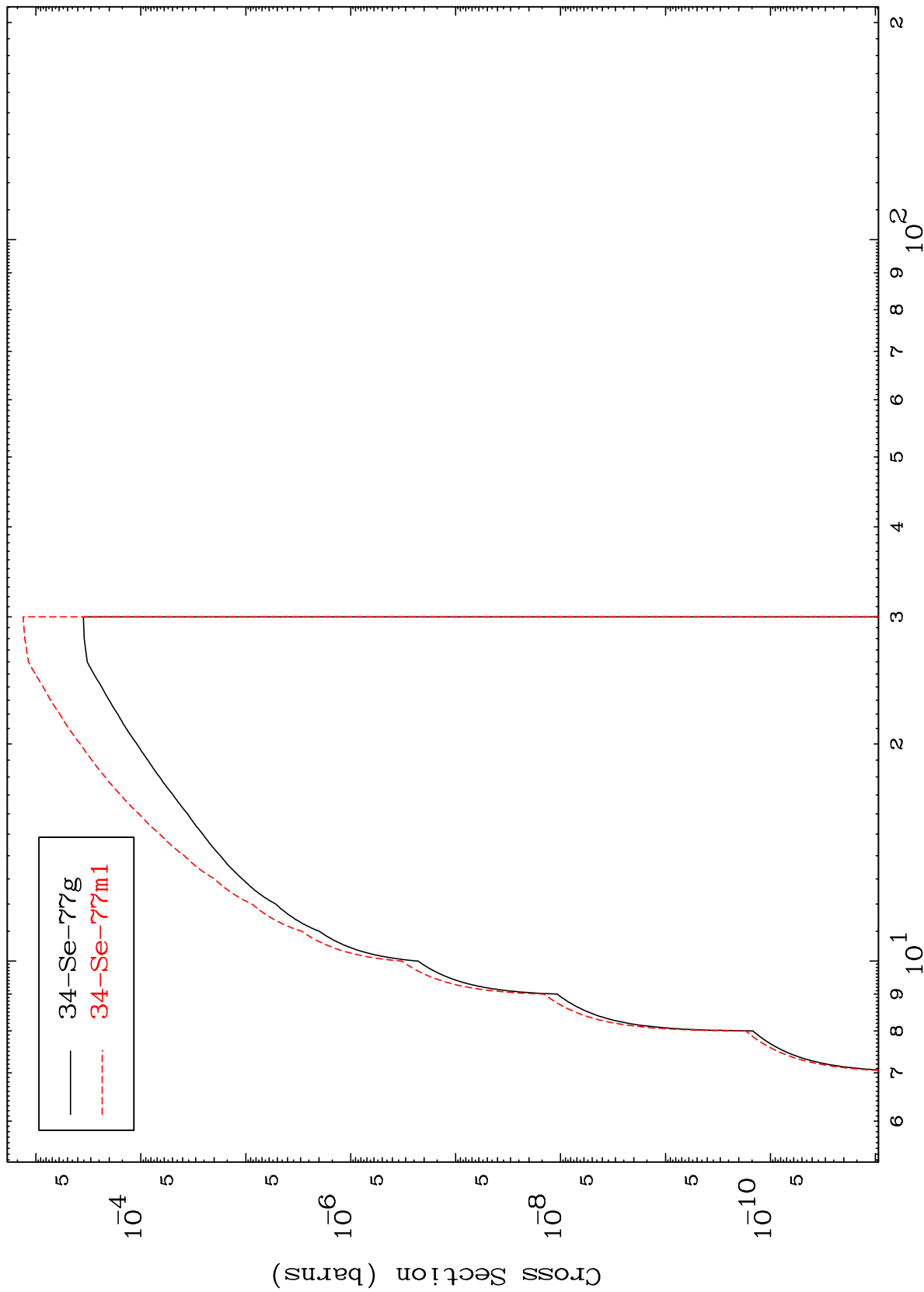
— 34-Se-77g  
- - - 34-Se-77m1

MAT 3435

(n,p) d

<sup>34</sup>Se-<sup>77</sup>m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

<sup>34</sup>Se-<sup>77</sup>m