

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

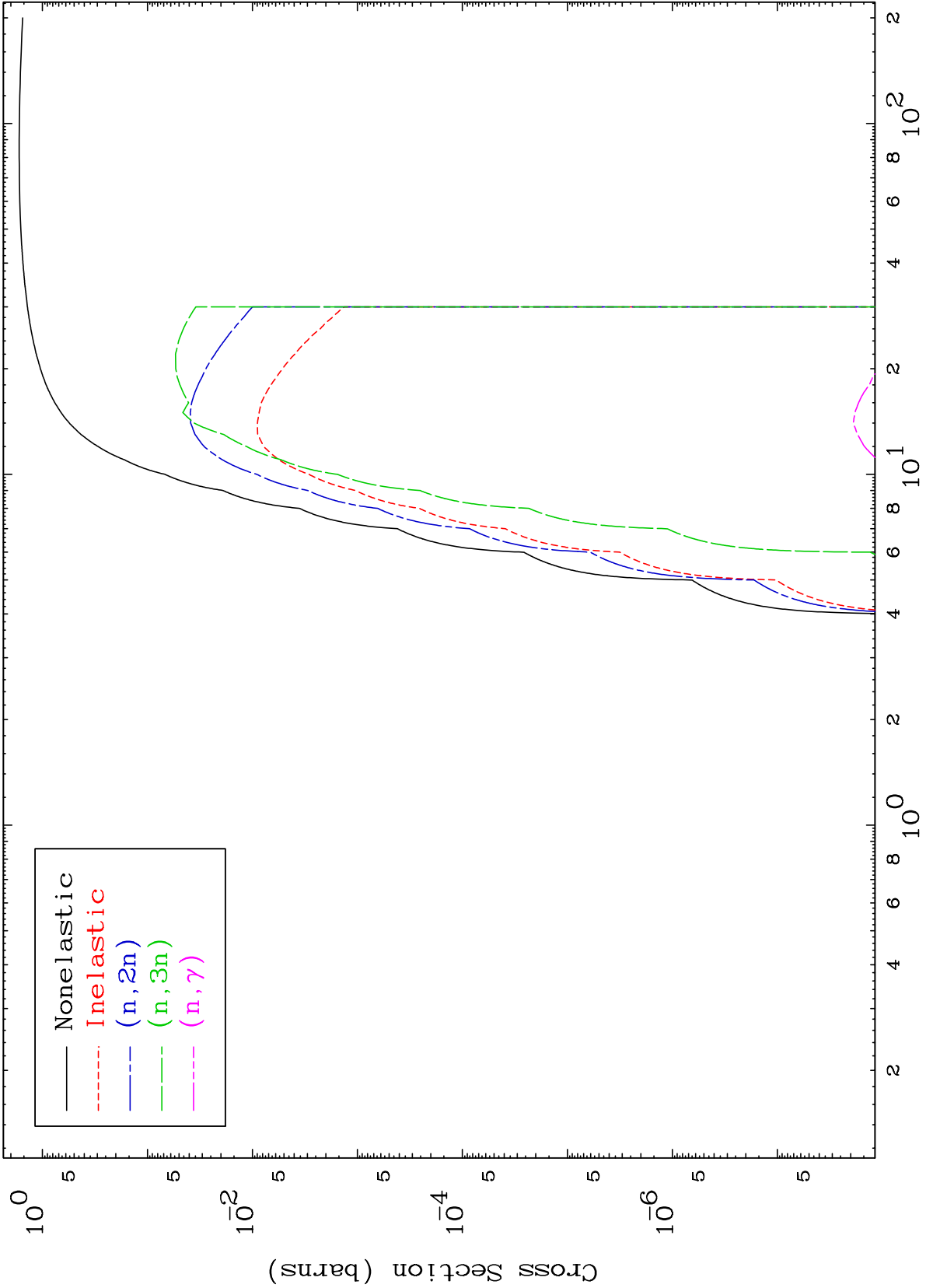
Press Mouse Button to Start

MAT 3452

He-3 Major

34-Se-83

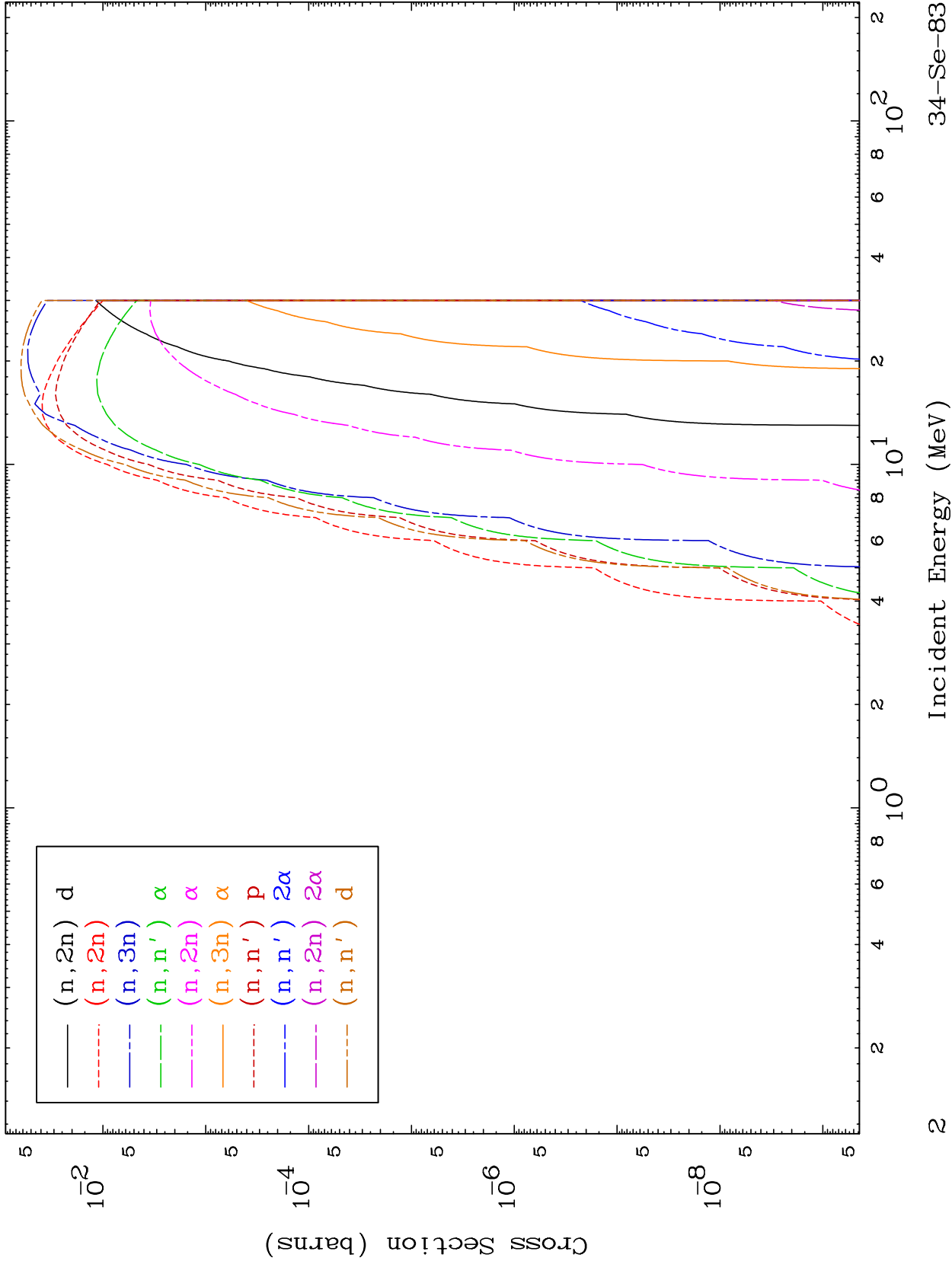
0 Kelvin Cross Sections

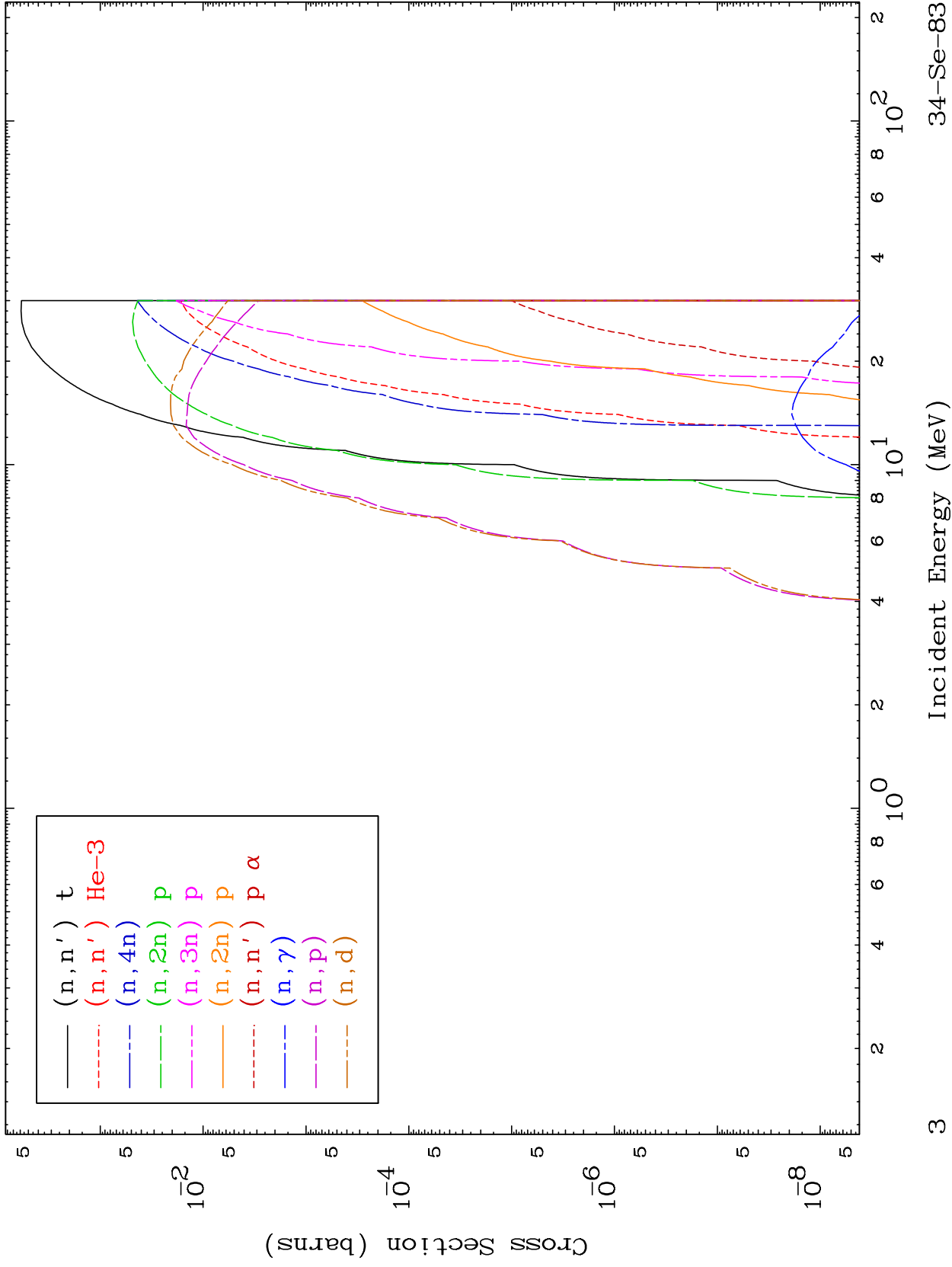


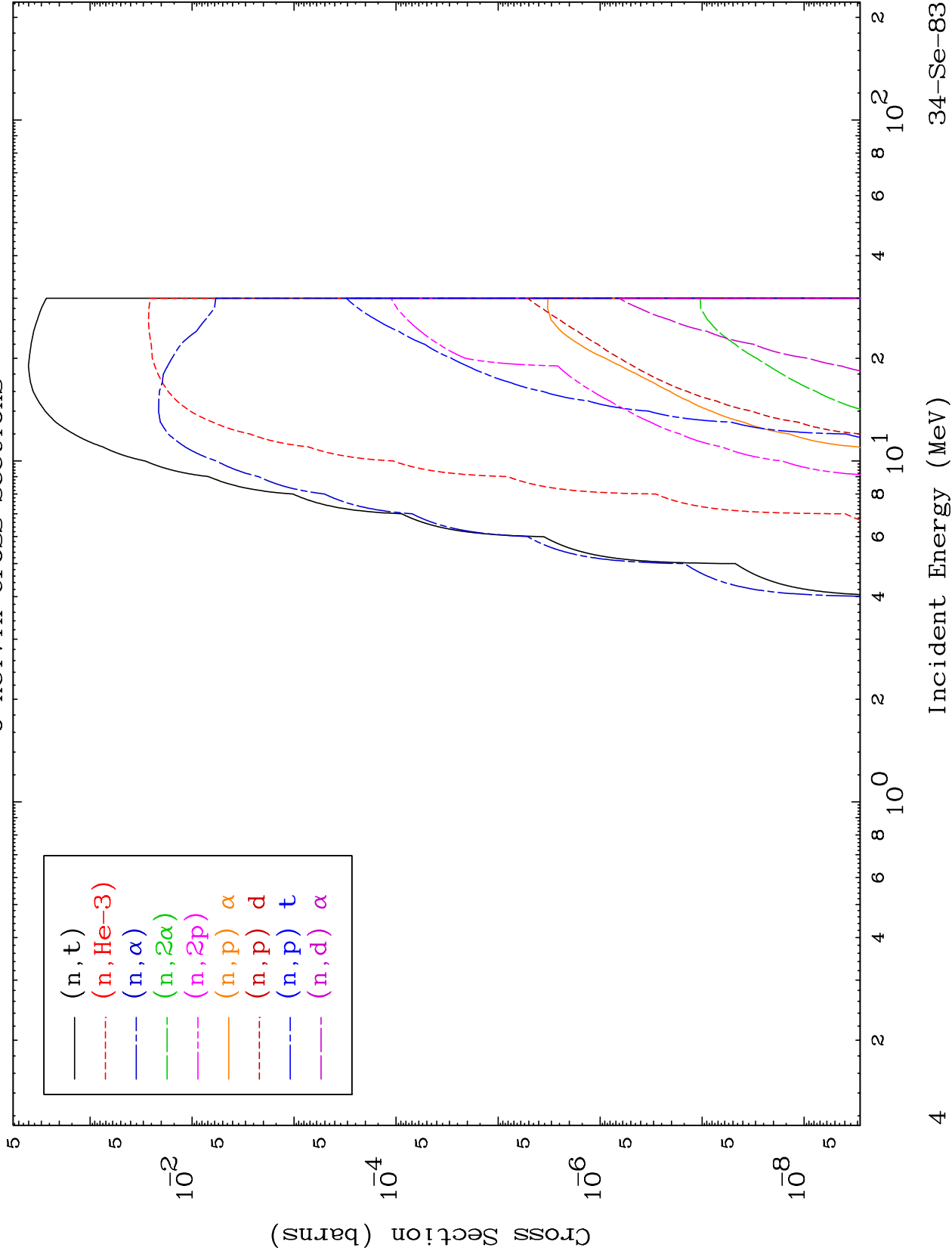
MAT 3452

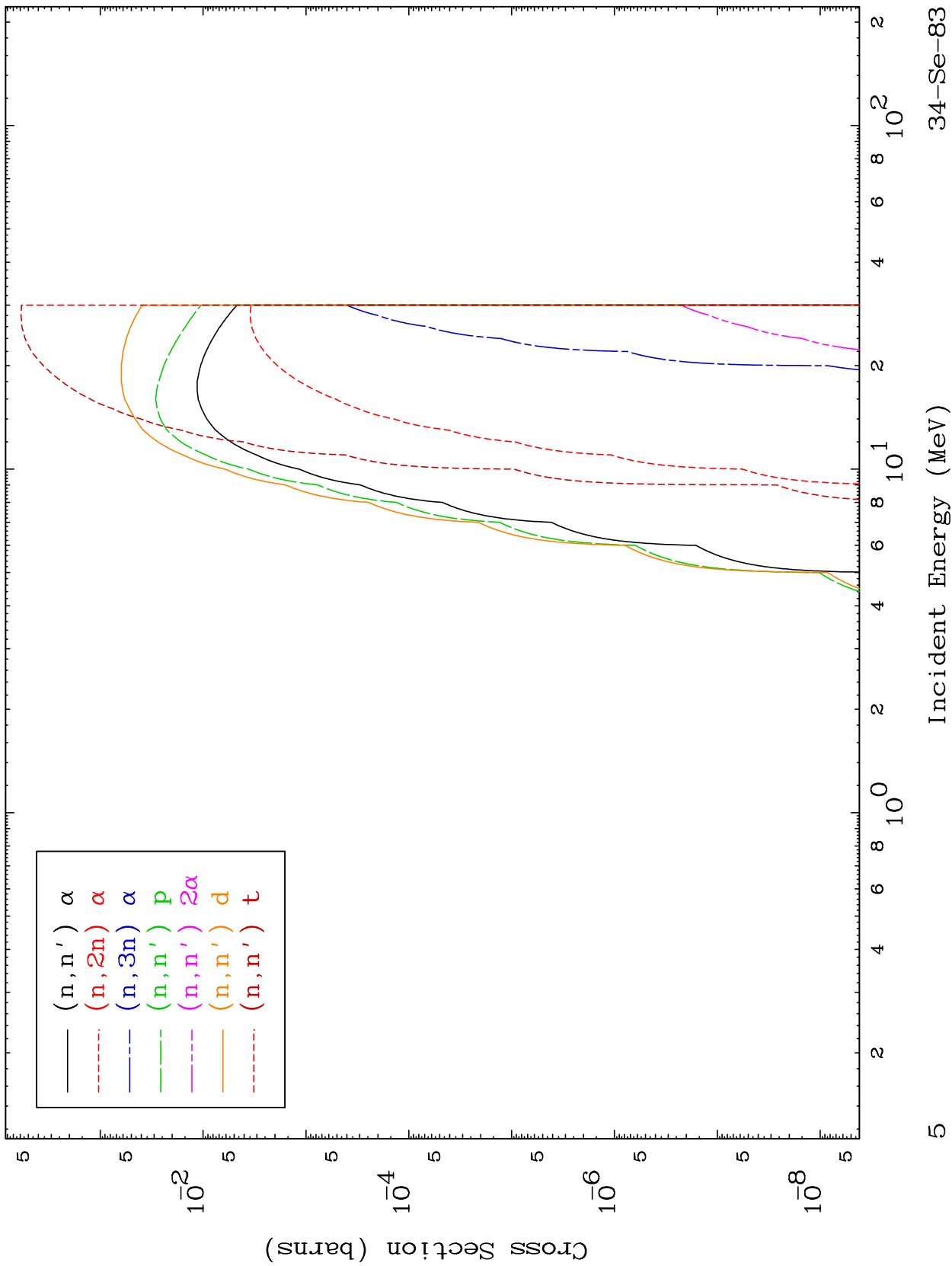
He-3 Neutron Absorption  
0 Kelvin Cross Sections

34-Se-83





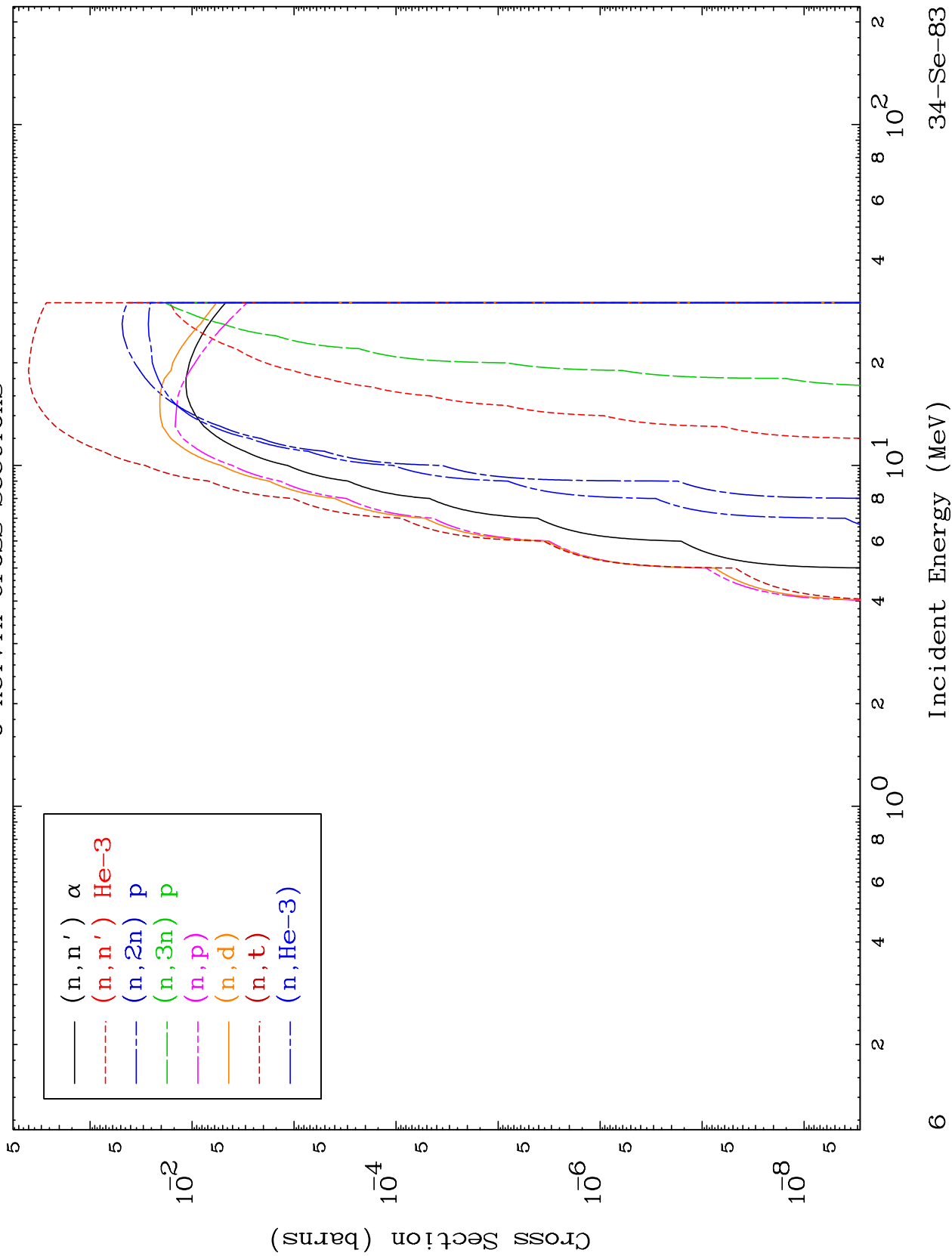


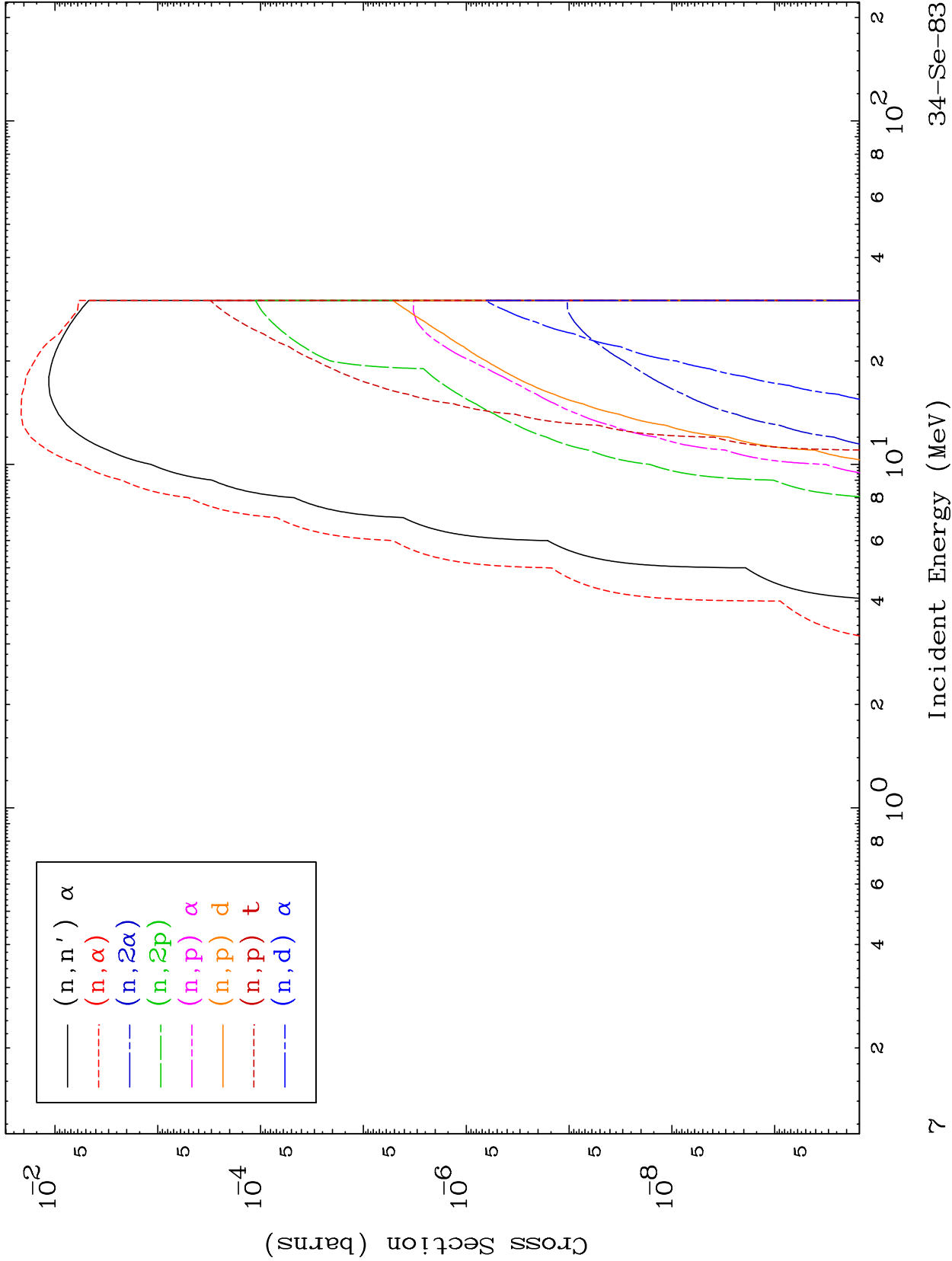


MAT 3452

He-3 Charged Particle  
0 Kelvin Cross Sections

34-Se-83





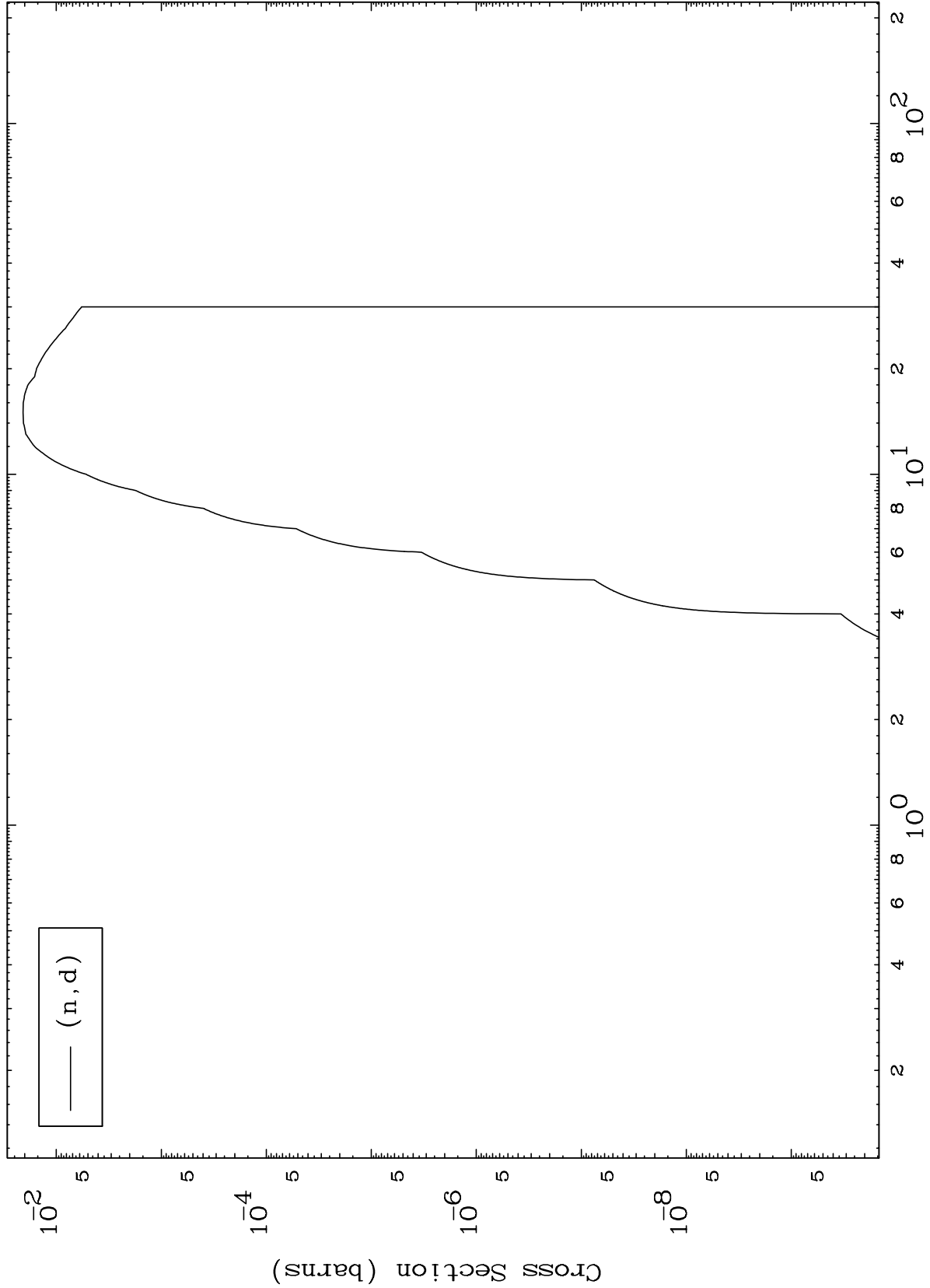


MAT 3452

(He-3,d) Levels

34-Se-83

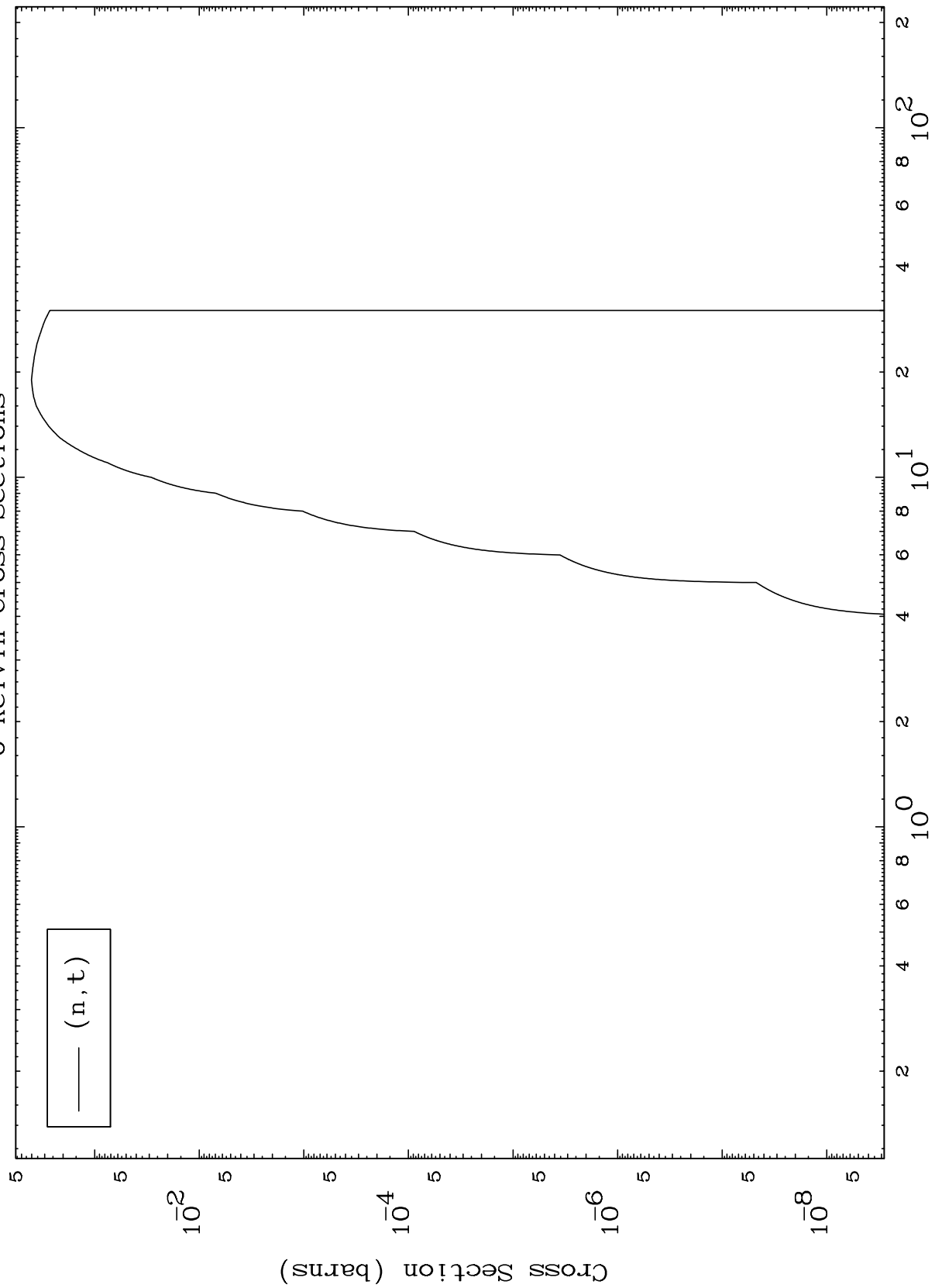
0 Kelvin Cross Sections



MAT 3452

34-Se-83

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



34-Se-83

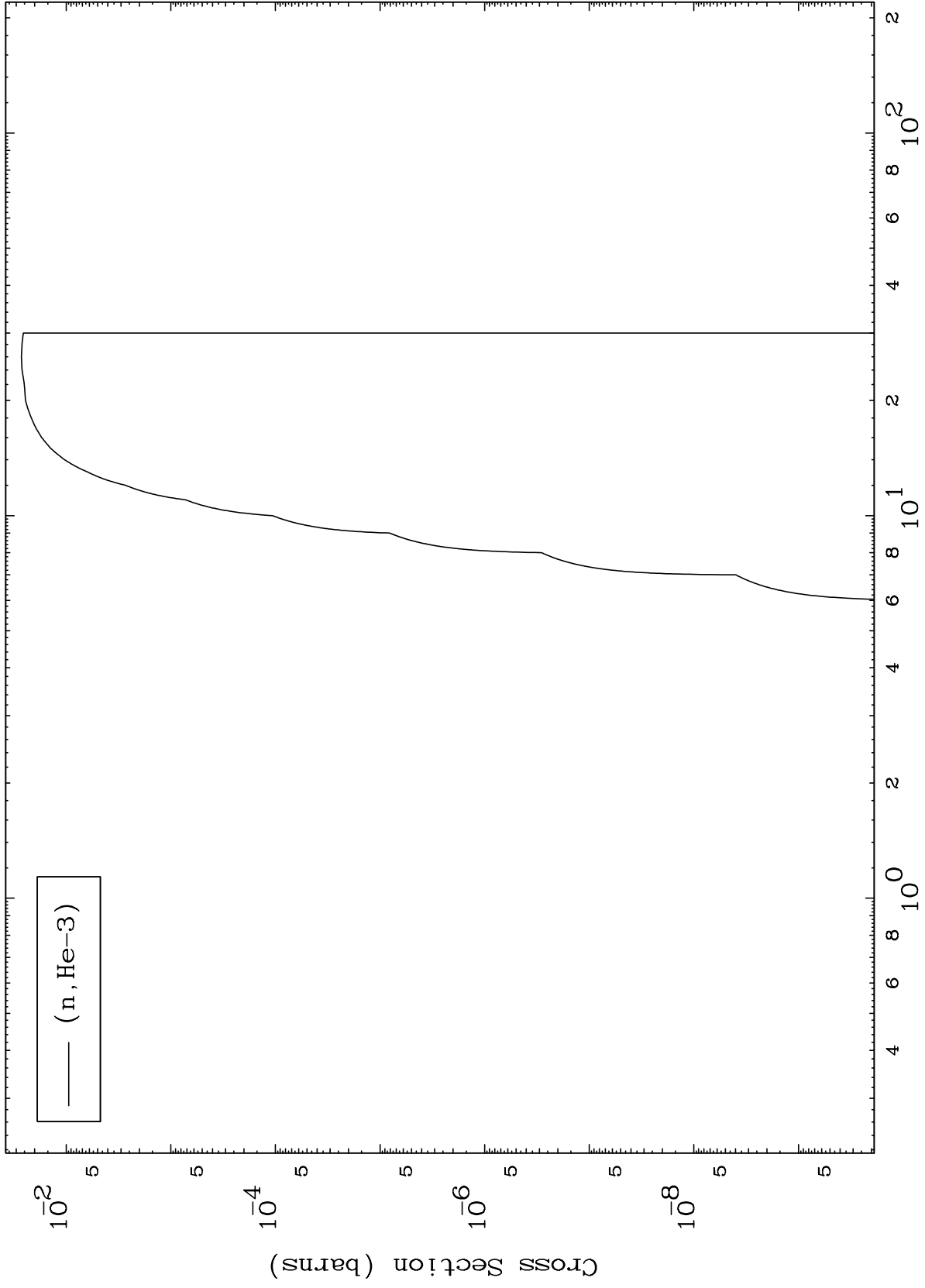
Incident Energy (MeV)

10

MAT 3452

(He-3, He3) Levels  
0 Kelvin Cross Sections

34-Se-83

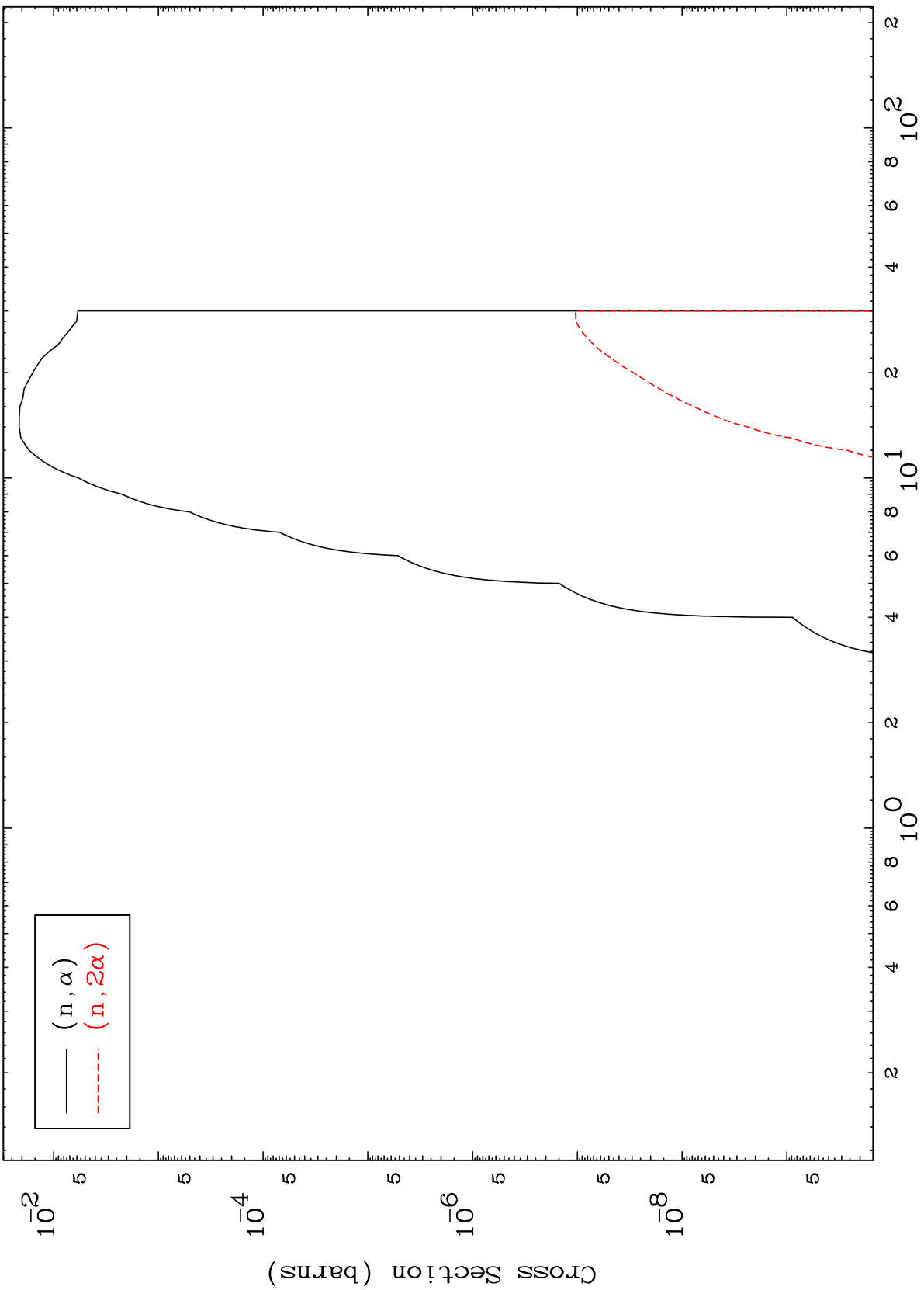


MAT 3452

(He-3,  $\alpha$ ) Levels

34-Se-83

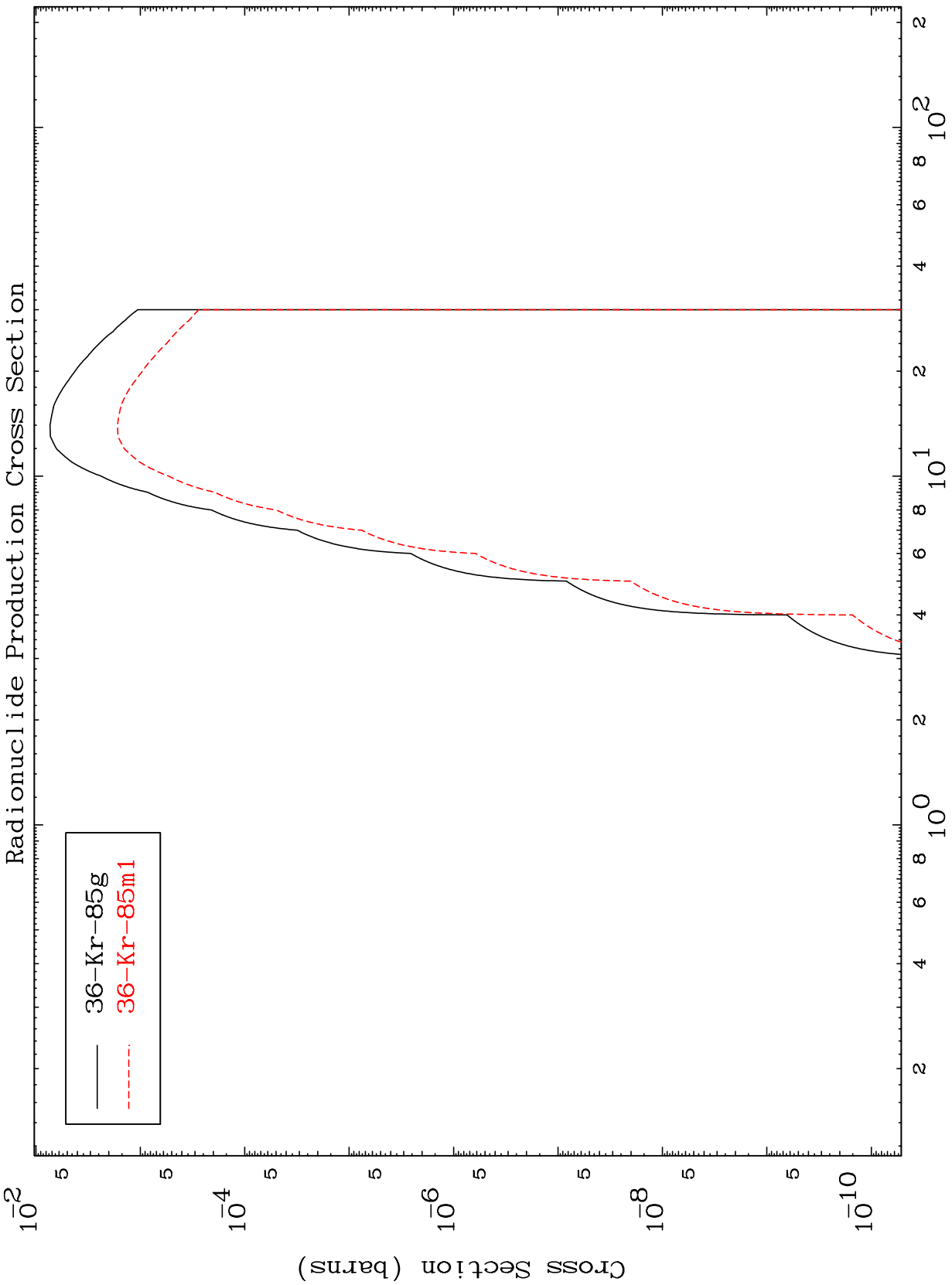
0 Kelvin Cross Sections



MAT 3452

34-Se-83

Inelastic  
Radionuclide Production Cross Section



34-Se-83

Incident Energy (MeV)

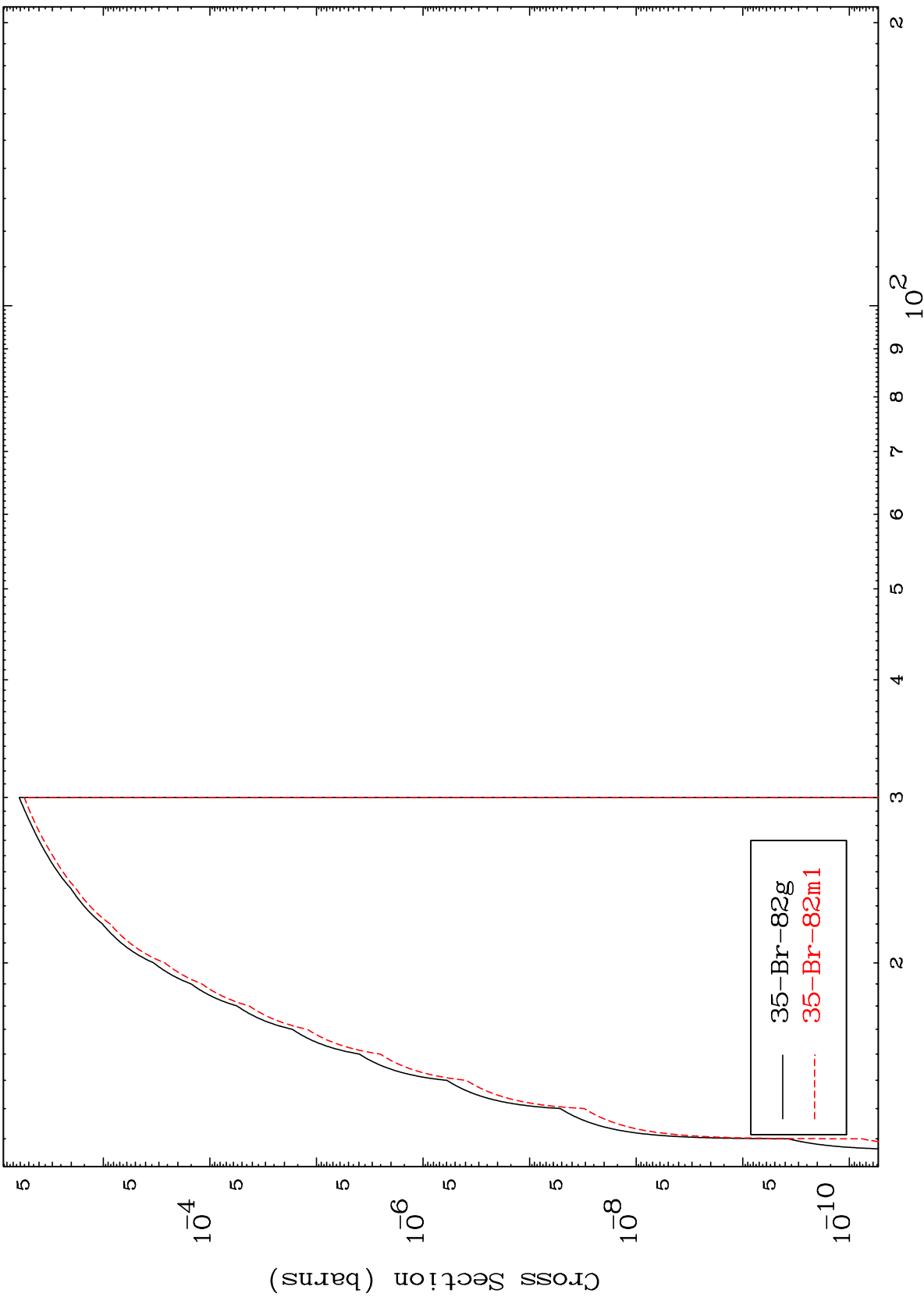
13

MAT 3452

(n,2n) d

34-Se-83

Radionuclide Production Cross Section



14

Incident Energy (MeV)

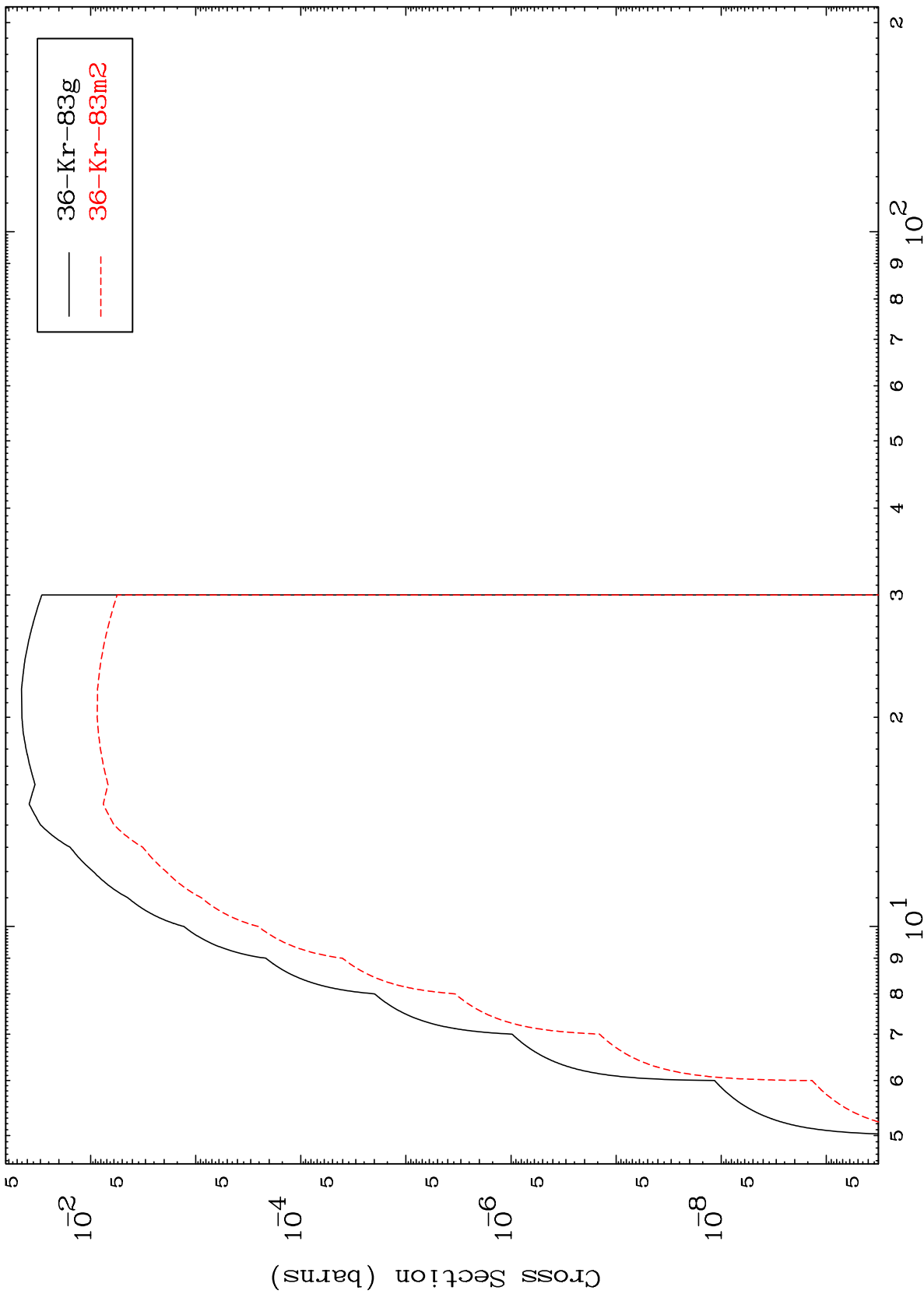
34-Se-83

MAT 3452

<sup>34</sup>Se-83

(n,3n)

Radionuclide Production Cross Section



<sup>34</sup>Se-83

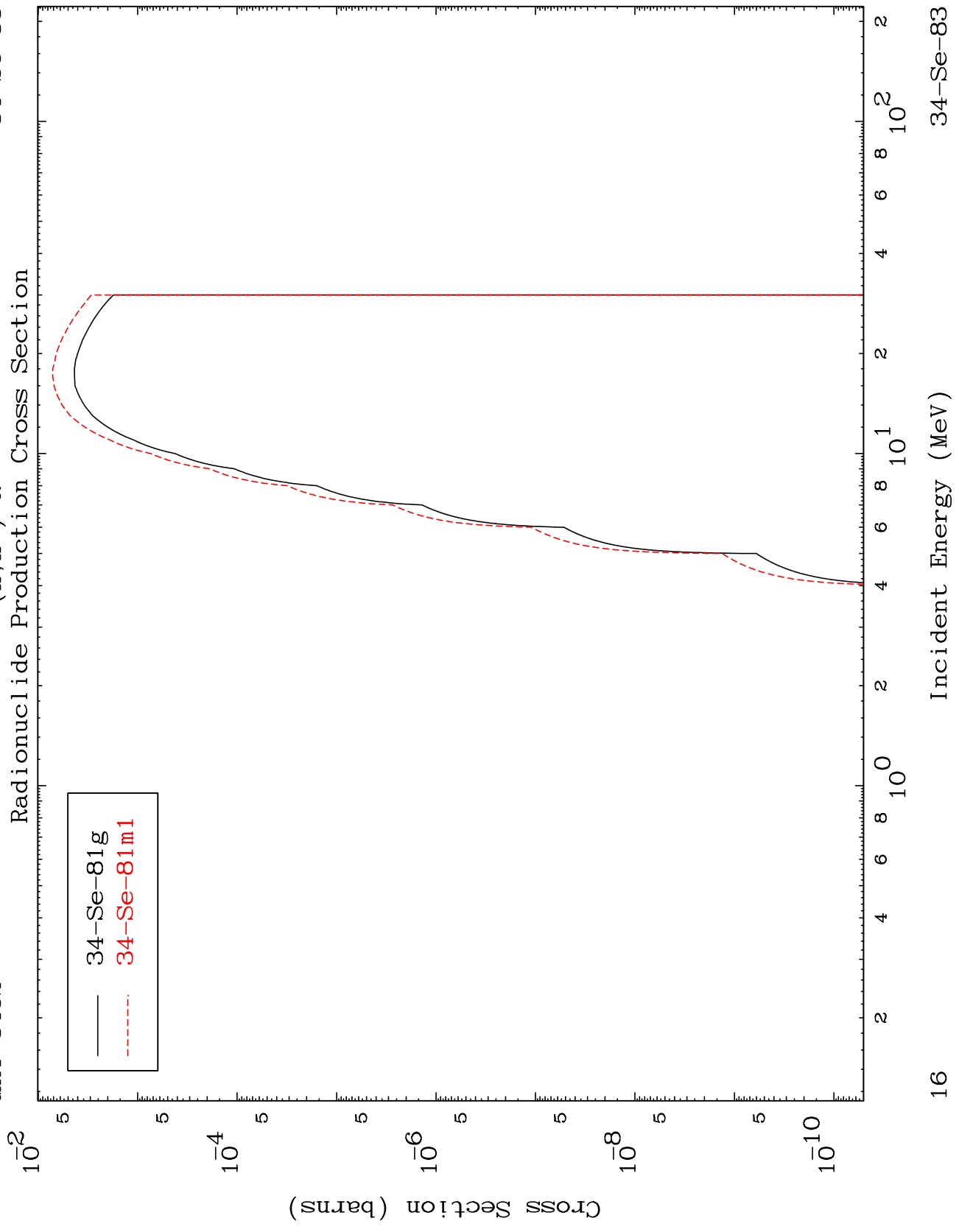
Incident Energy (MeV)

15

MAT 3452

$(n, n') \alpha$

$^{34}\text{Se-83}$

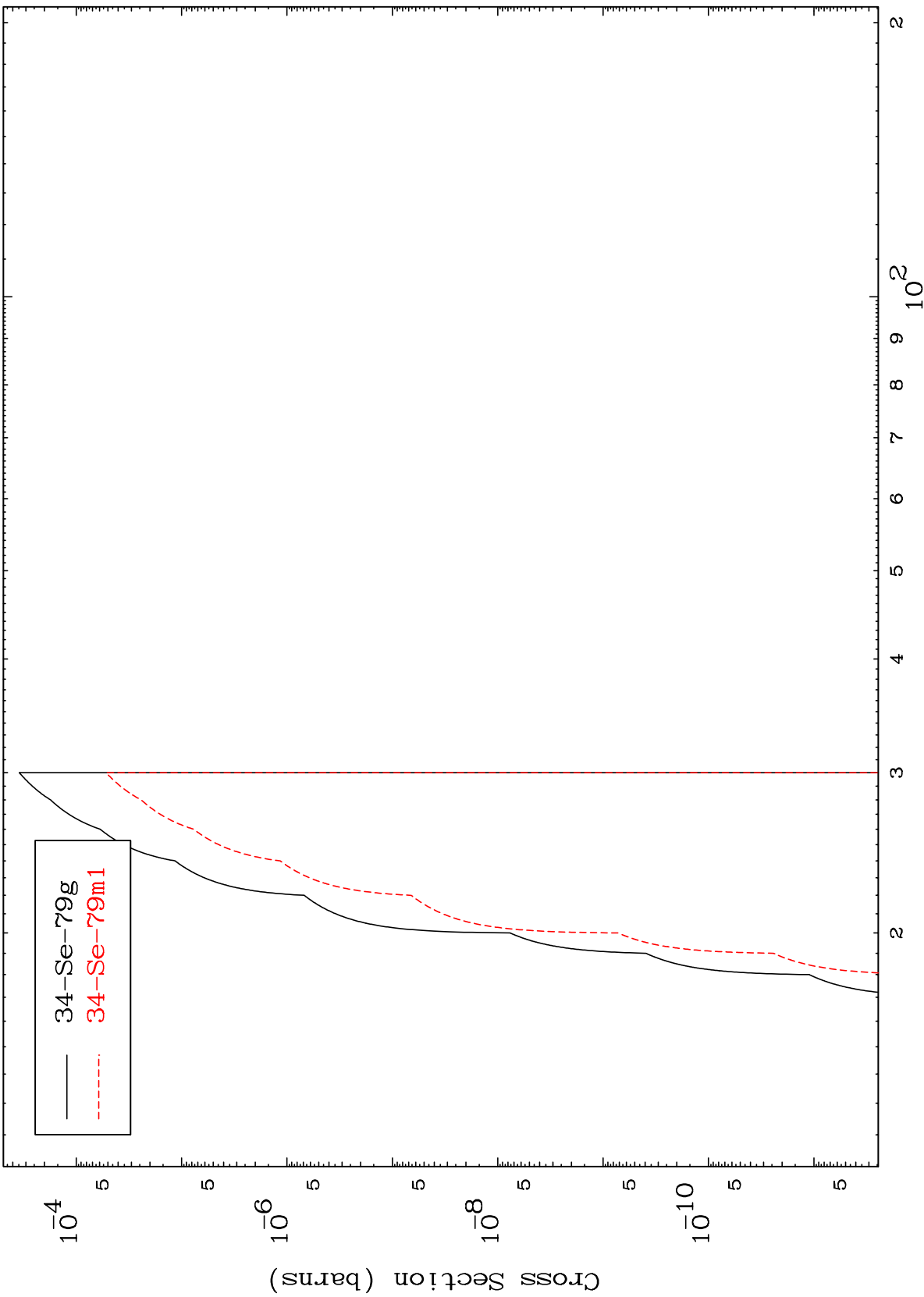


MAT 3452

$(n,3n) \alpha$

$^{34}\text{Se-83}$

Radionuclide Production Cross Section

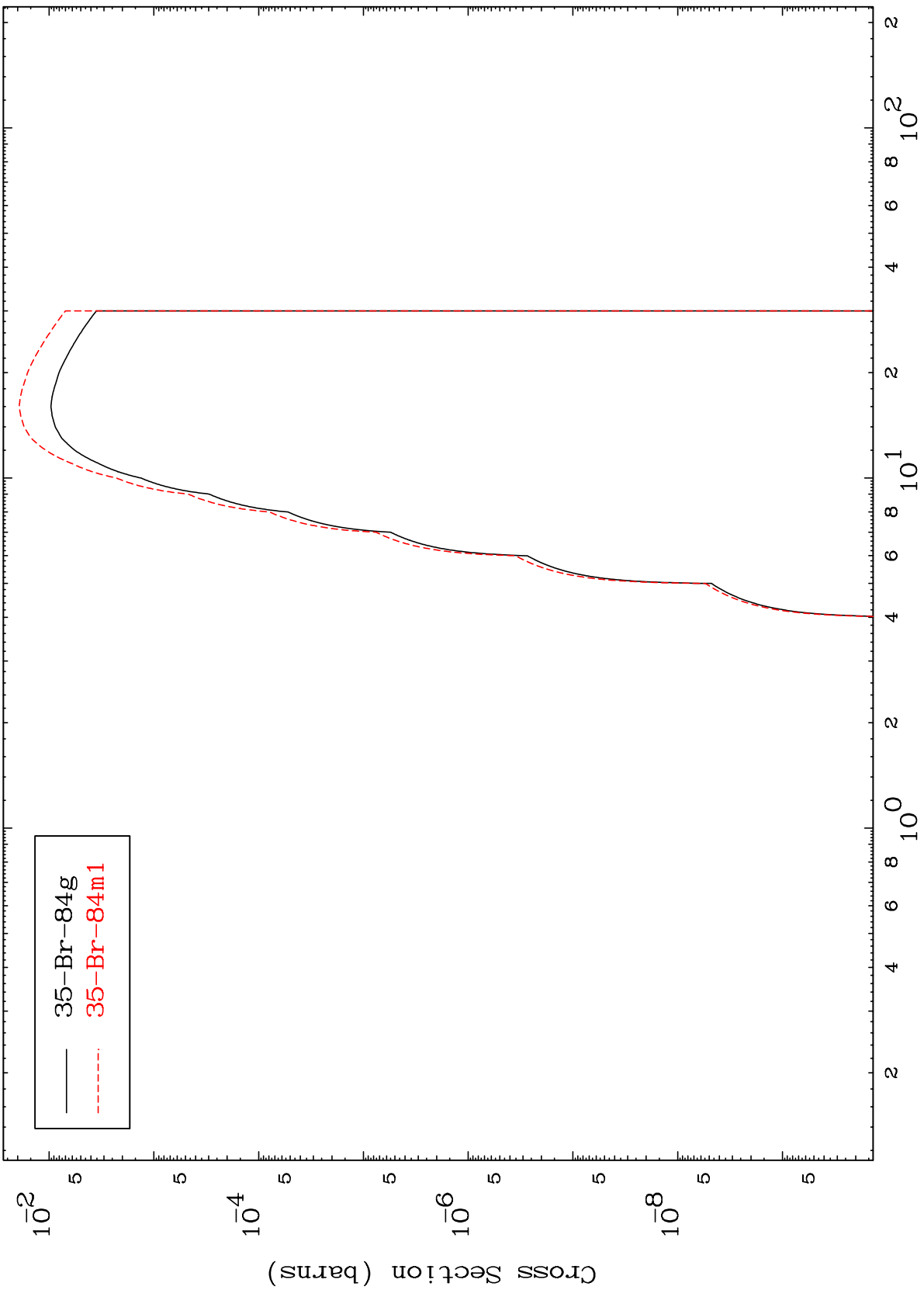


MAT 3452

(n,n') p

<sup>34</sup>Se-83

Radionuclide Production Cross Section



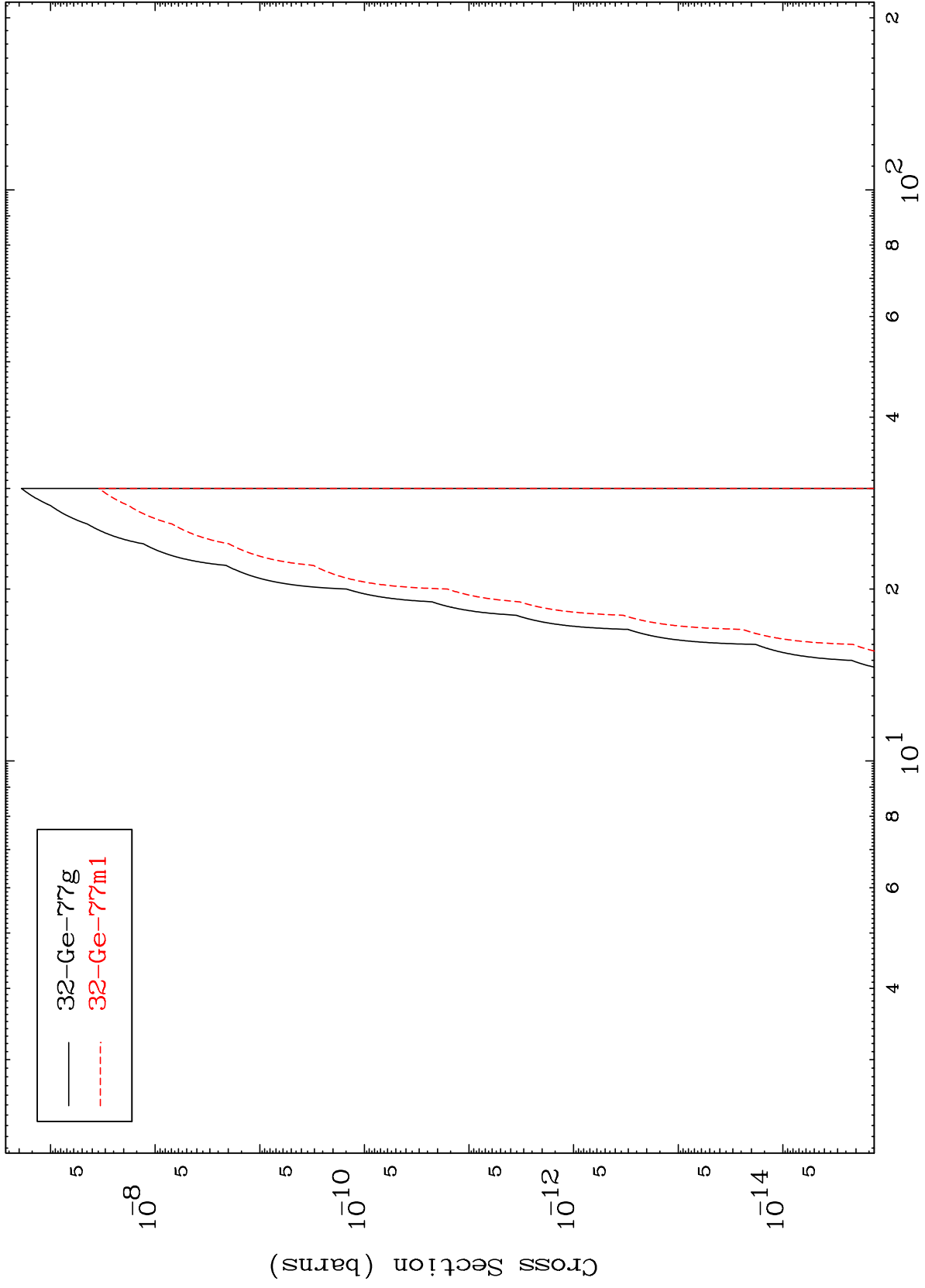
— 35-Br-84g  
- - - 35-Br-84m1

MAT 3452

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

$^{34}\text{Se-83}$

Radionuclide Production Cross Section

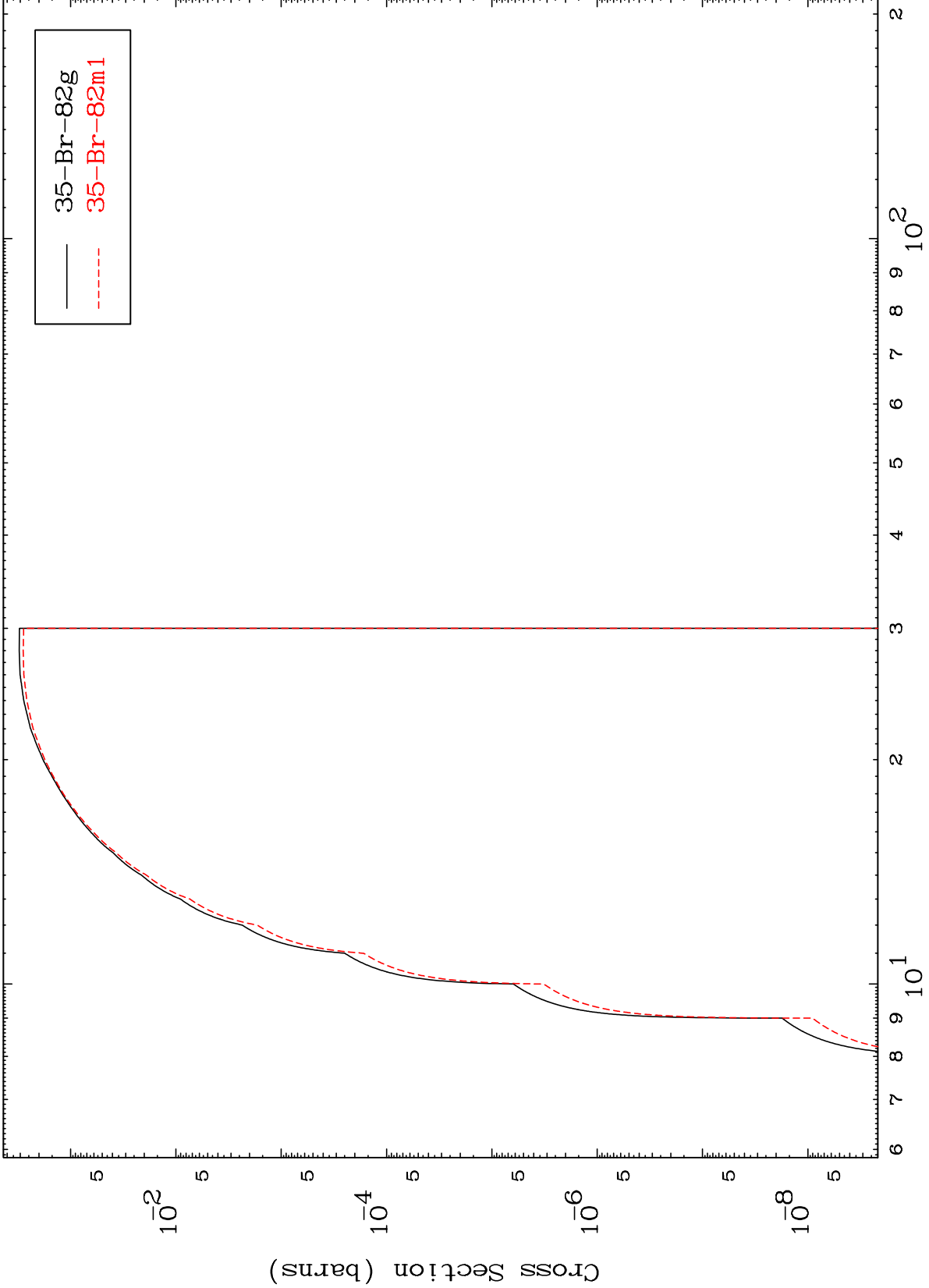


MAT 3452

(n,n') t

34-Se-83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

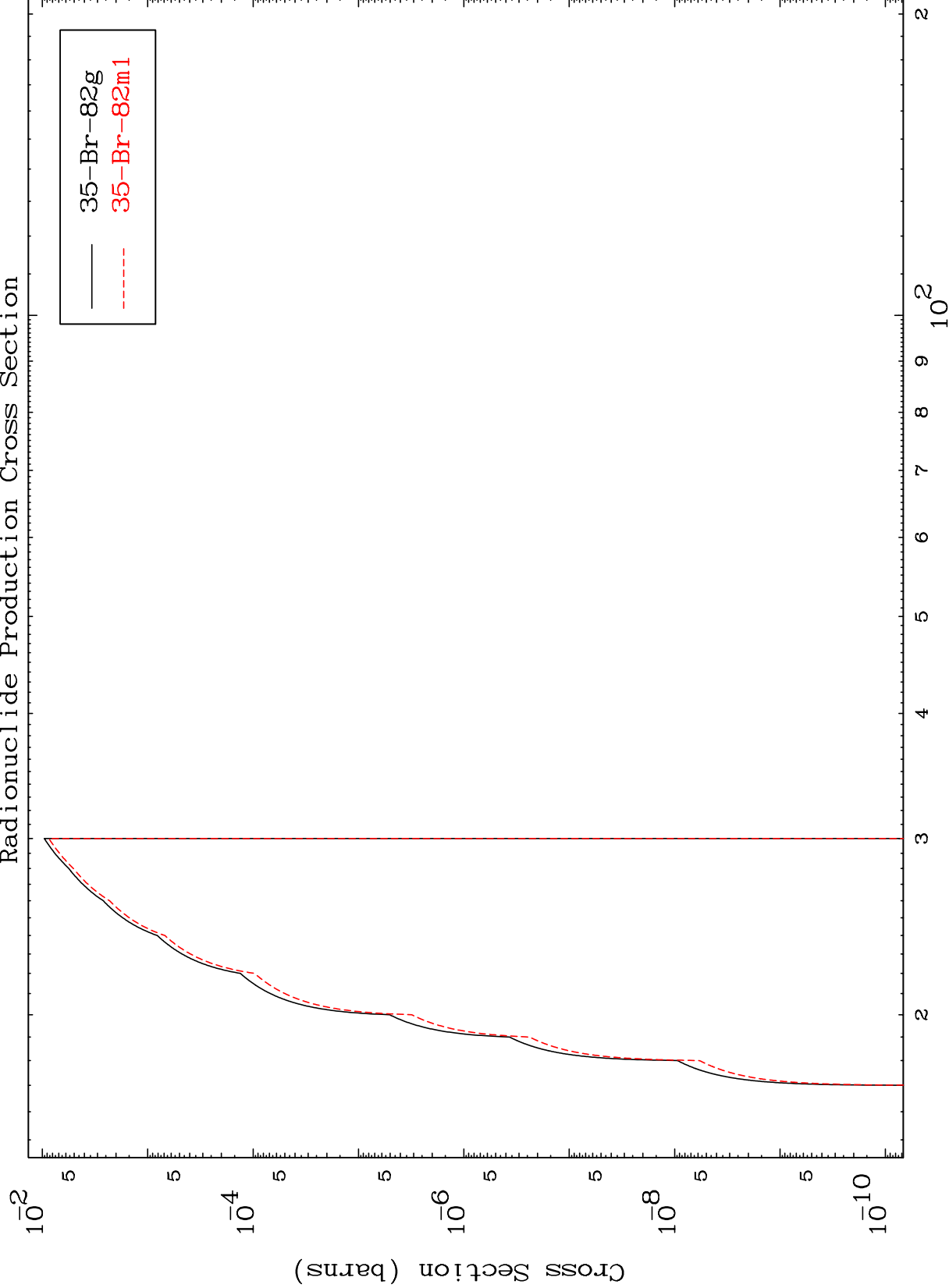
34-Se-83

MAT 3452

(n,3n) p

<sup>34</sup>Se-83

Radionuclide Production Cross Section



21

Incident Energy (MeV)

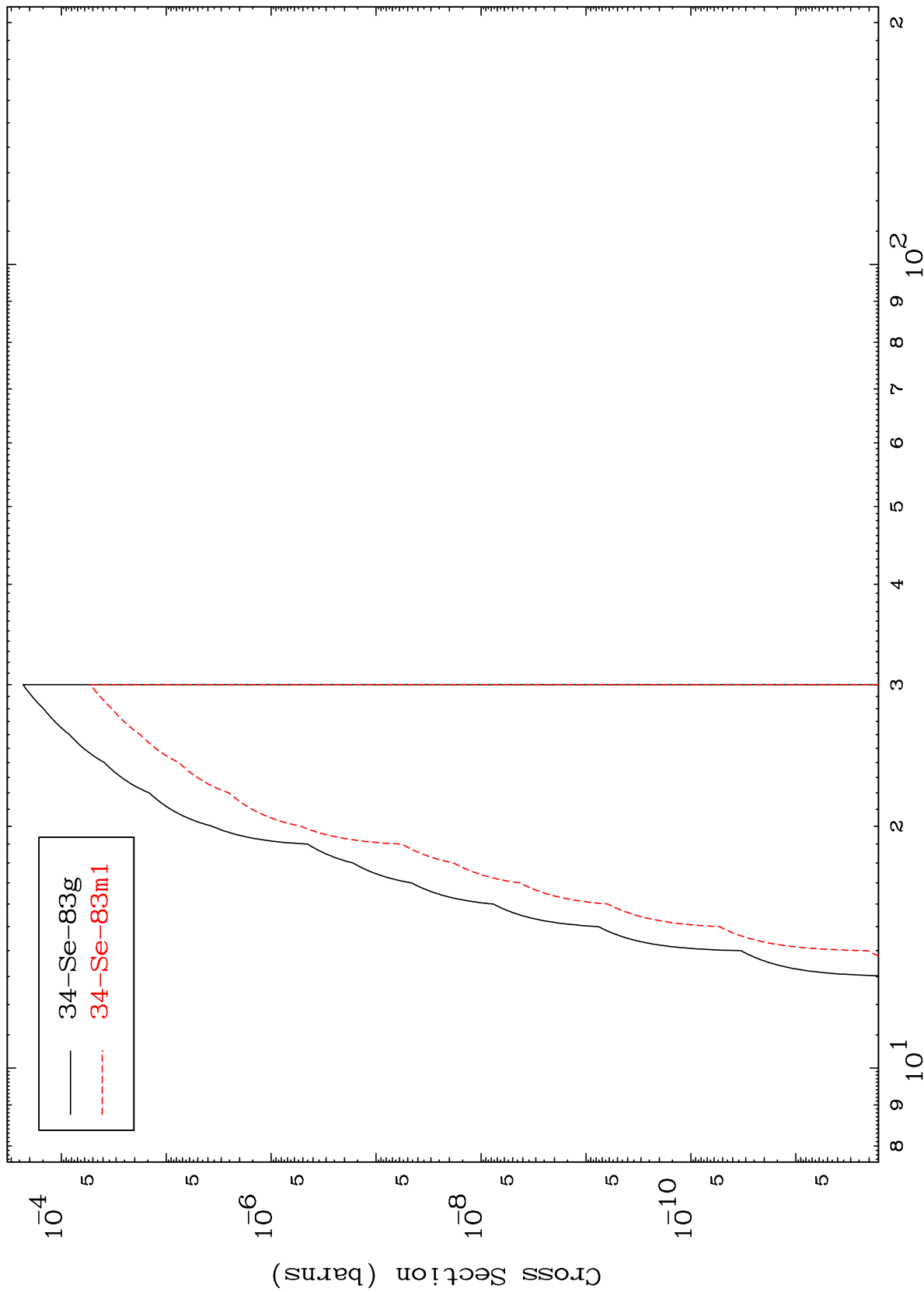
<sup>34</sup>Se-83

MAT 3452

(n,2n) p

<sup>34</sup>Se-83

Radionuclide Production Cross Section



22

Incident Energy (MeV)

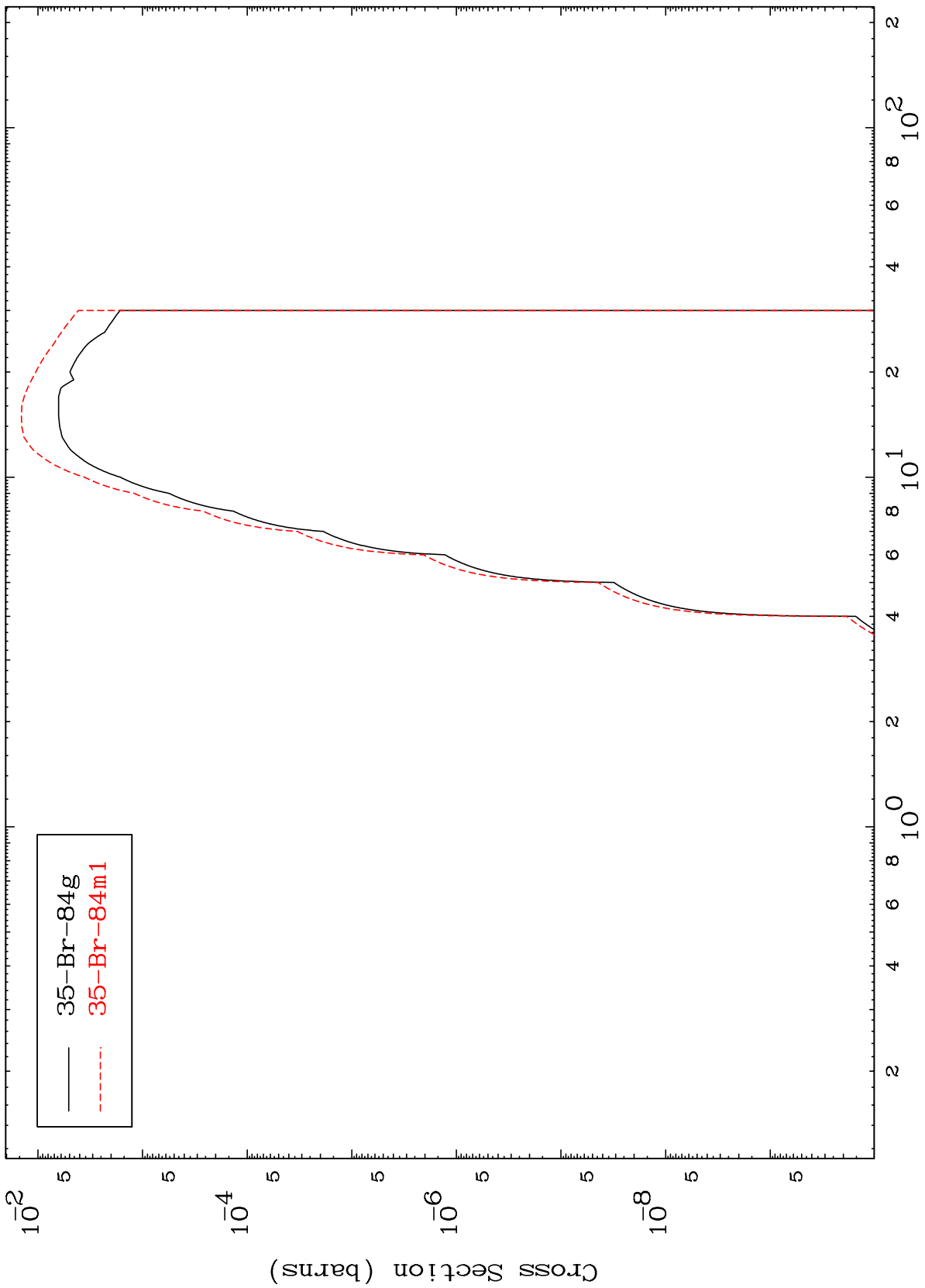
<sup>34</sup>Se-83

MAT 3452

(n,d)

<sup>34</sup>Se-83

Radionuclide Production Cross Section



— 35-Br-84g  
- - - 35-Br-84m1

Incident Energy (MeV)

<sup>34</sup>Se-83

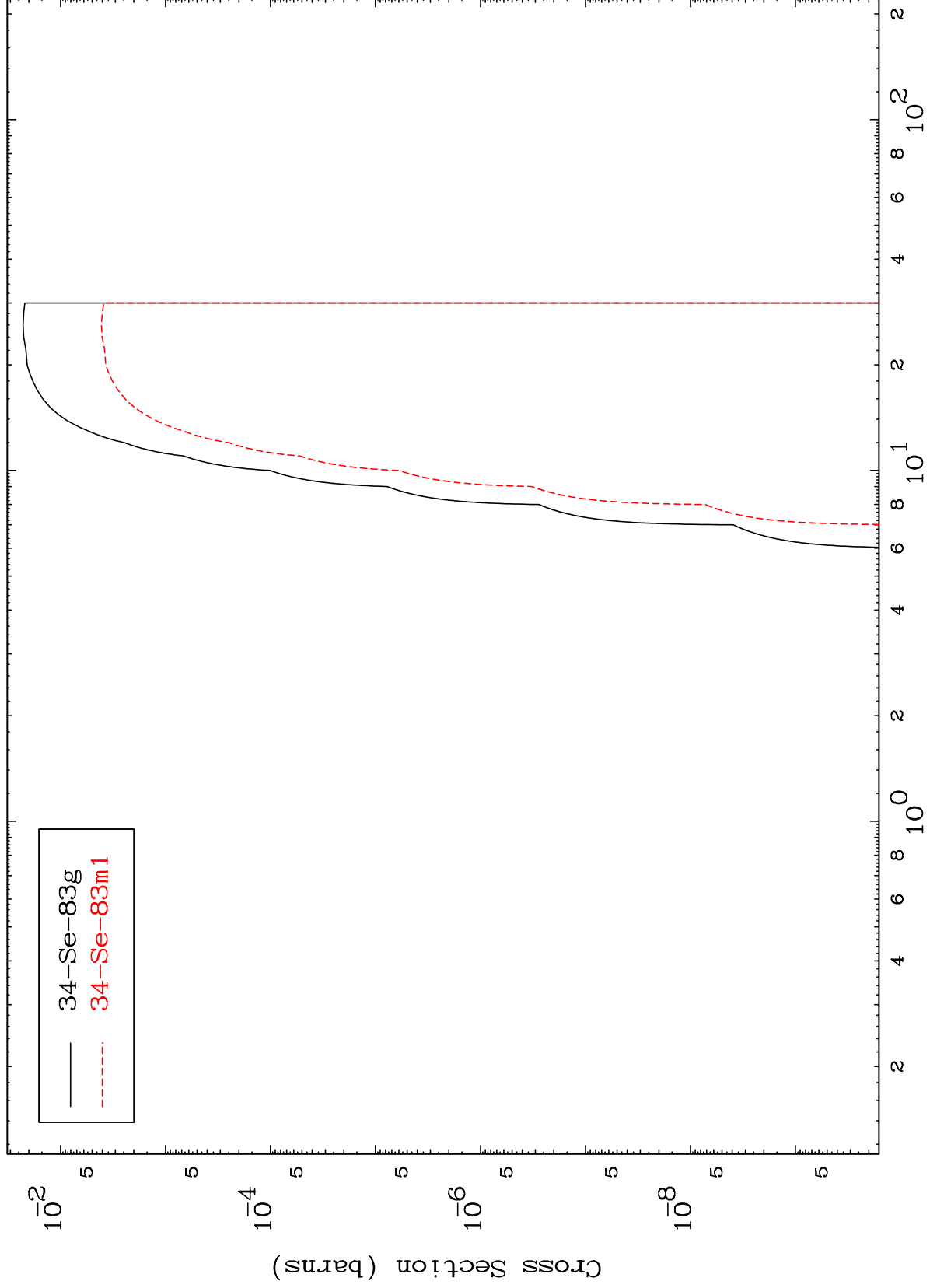
23

MAT 3452

(n,He-3)

<sup>34</sup>Se-83

Radionuclide Production Cross Section



24

Incident Energy (MeV)

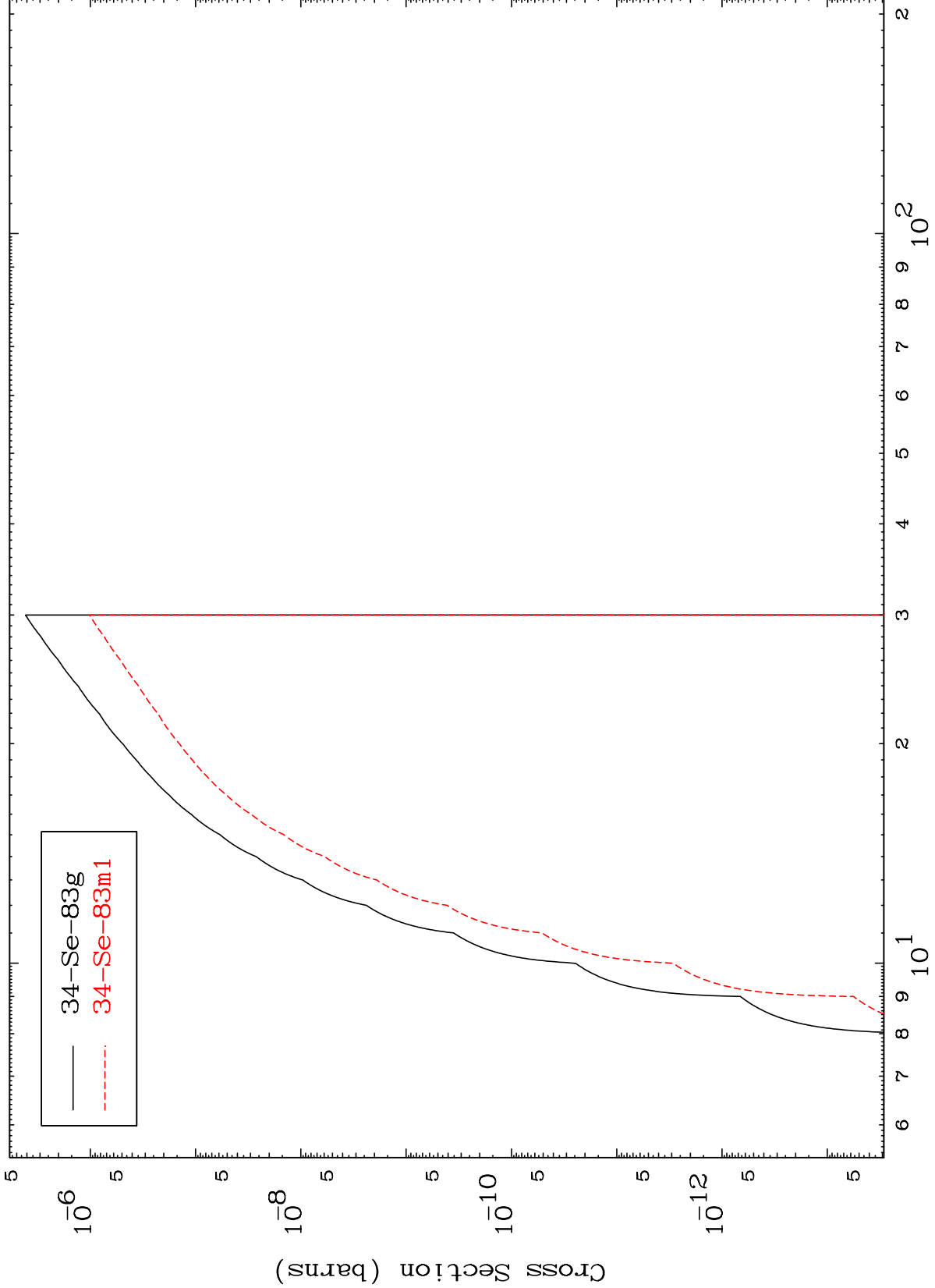
<sup>34</sup>Se-83

MAT 3452

(n,p) d

<sup>34</sup>Se-83

Radionuclide Production Cross Section



Legend:  
— 34-Se-83g  
- - - 34-Se-83m1