

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

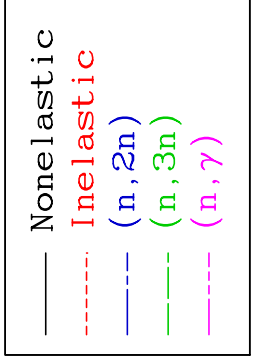
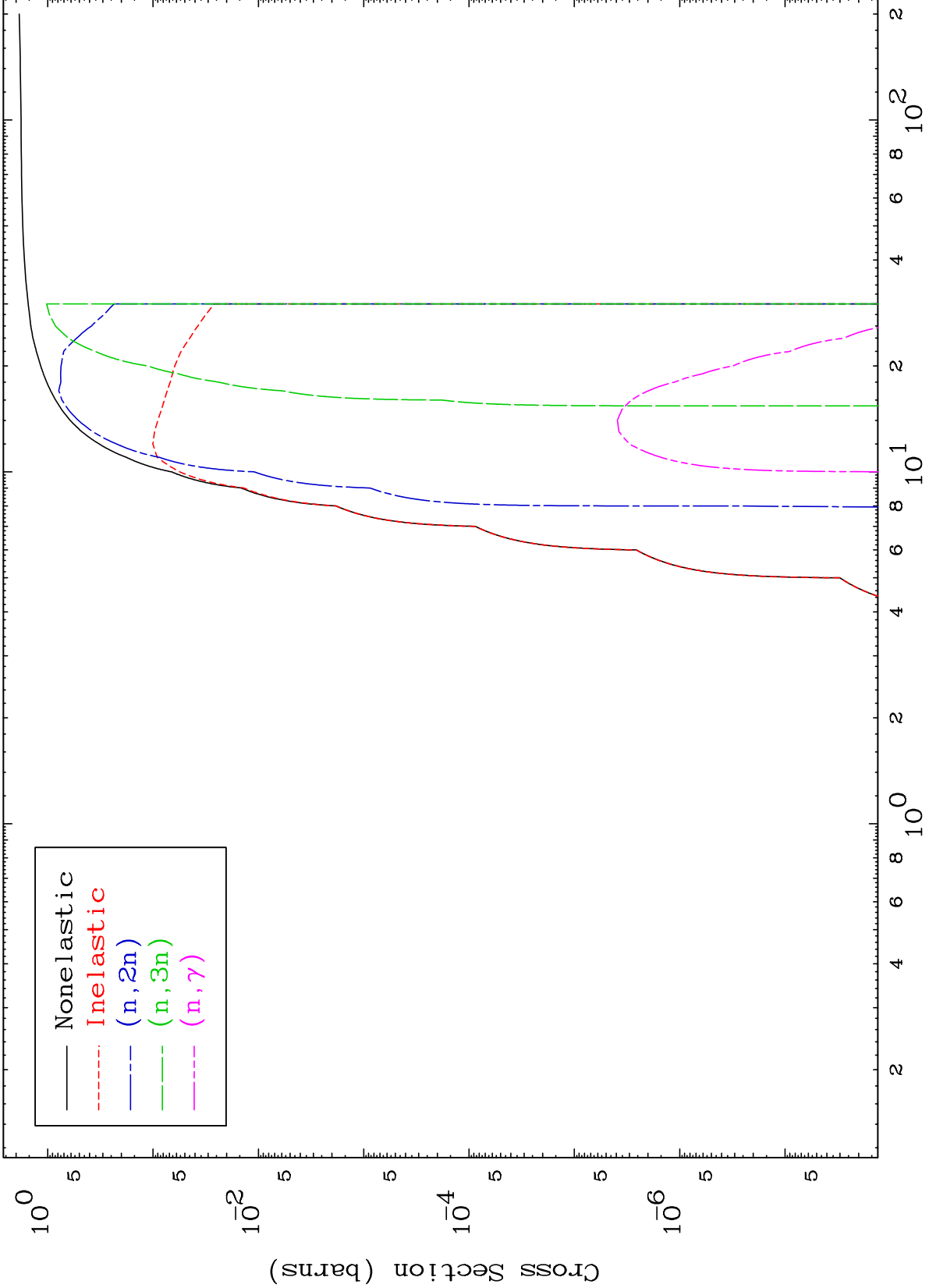
Press Mouse Button to Start

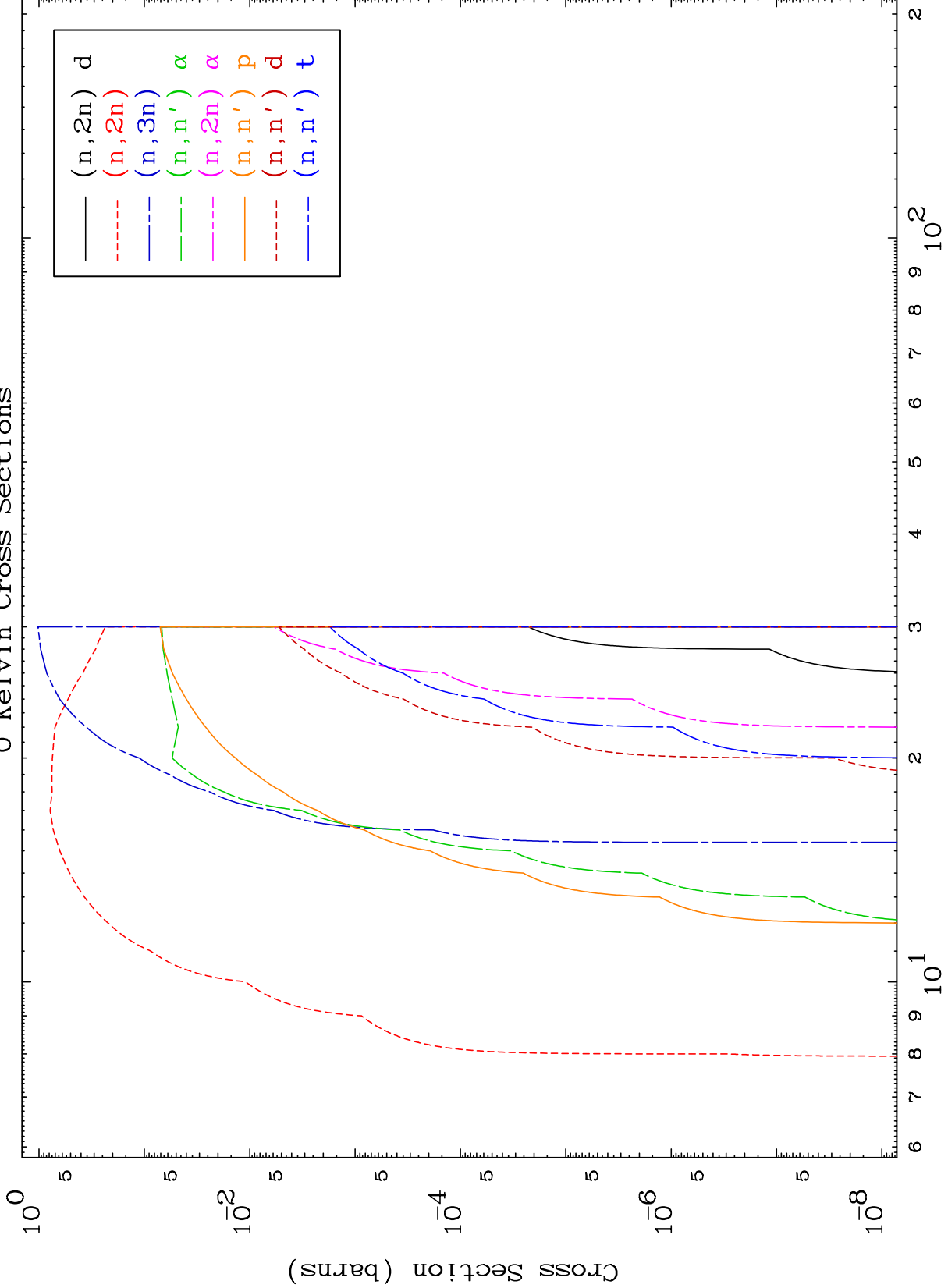
MAT 3452

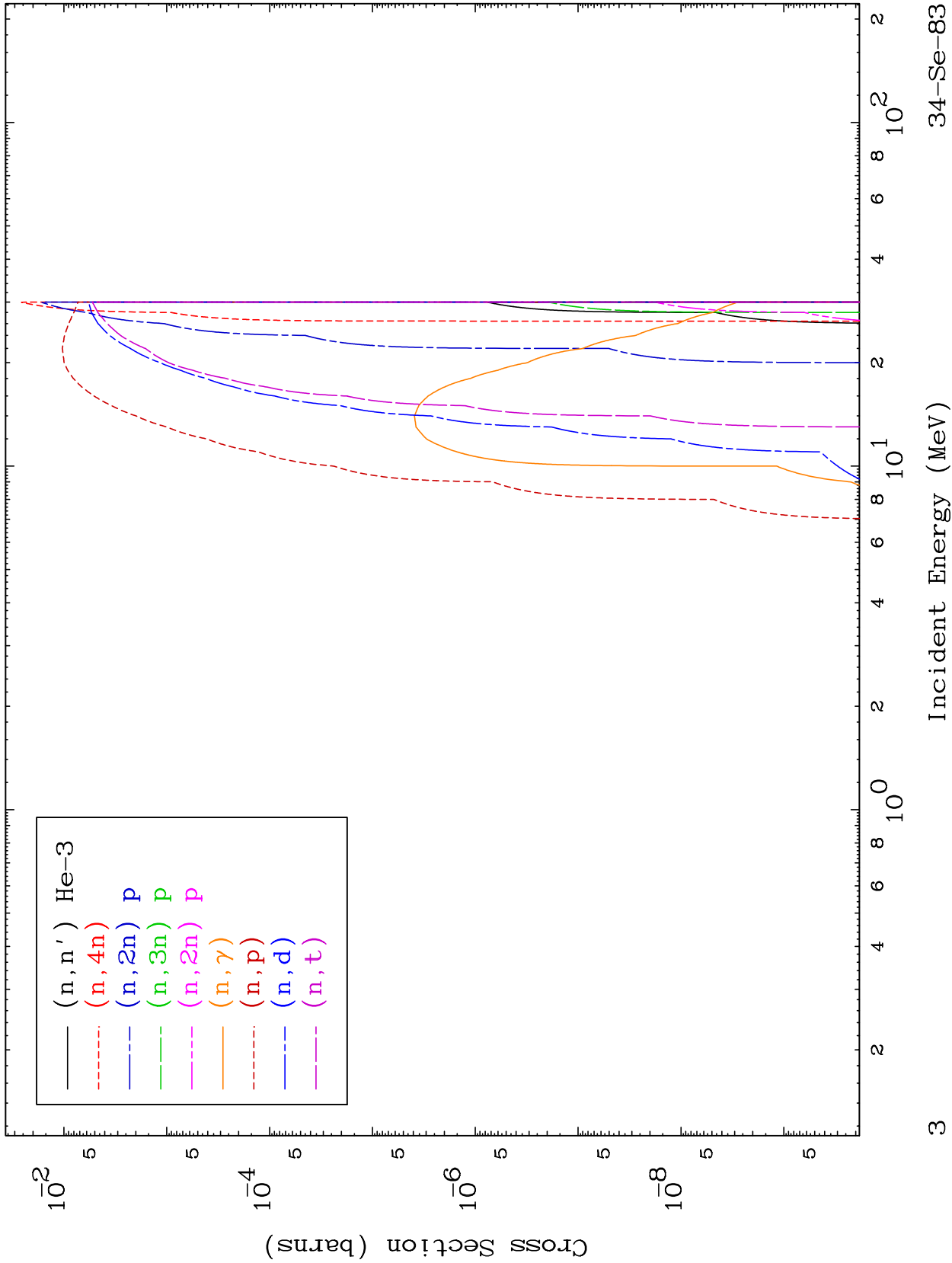
α Major

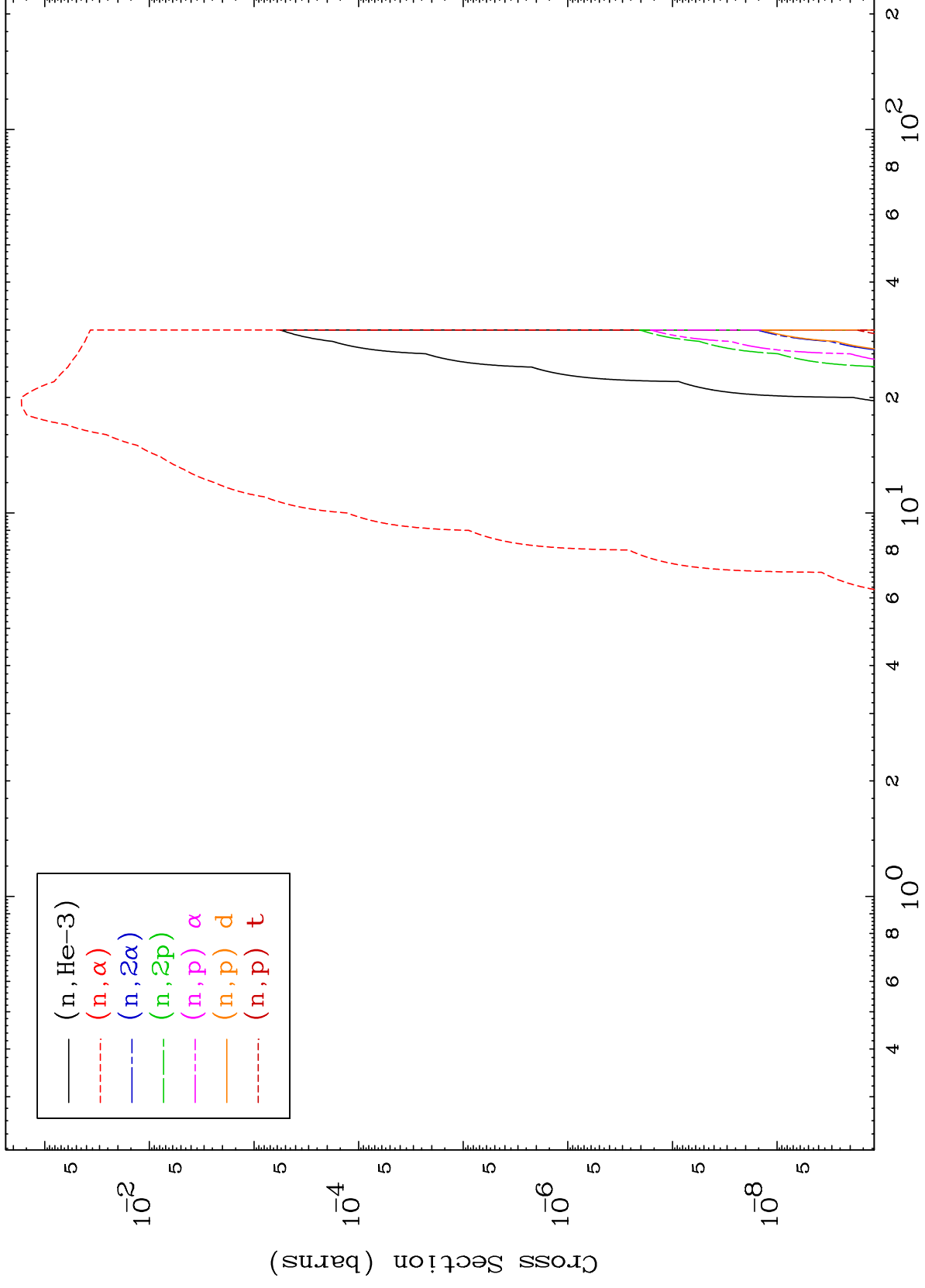
³⁴Se-83

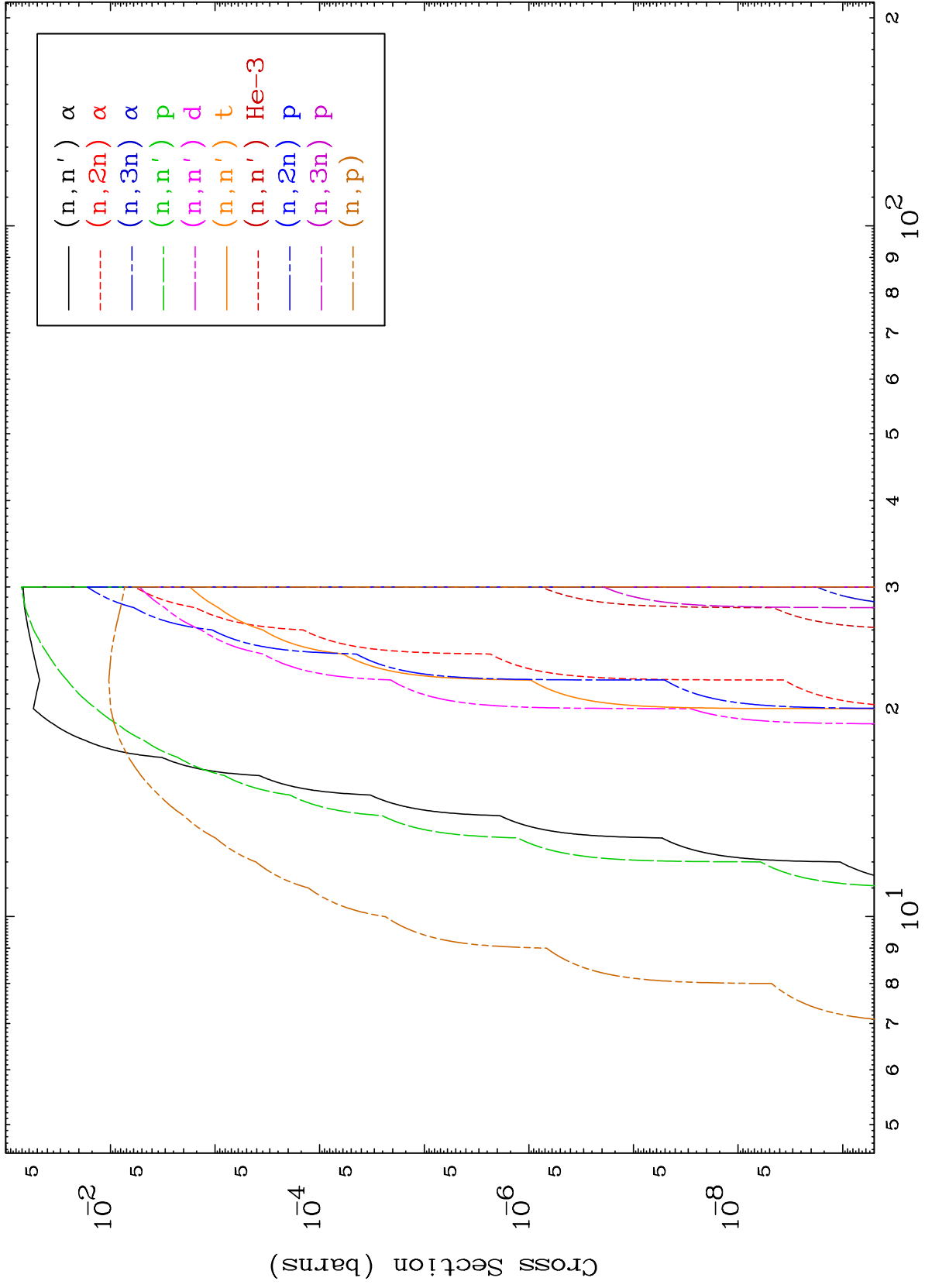
0 Kelvin Cross Sections

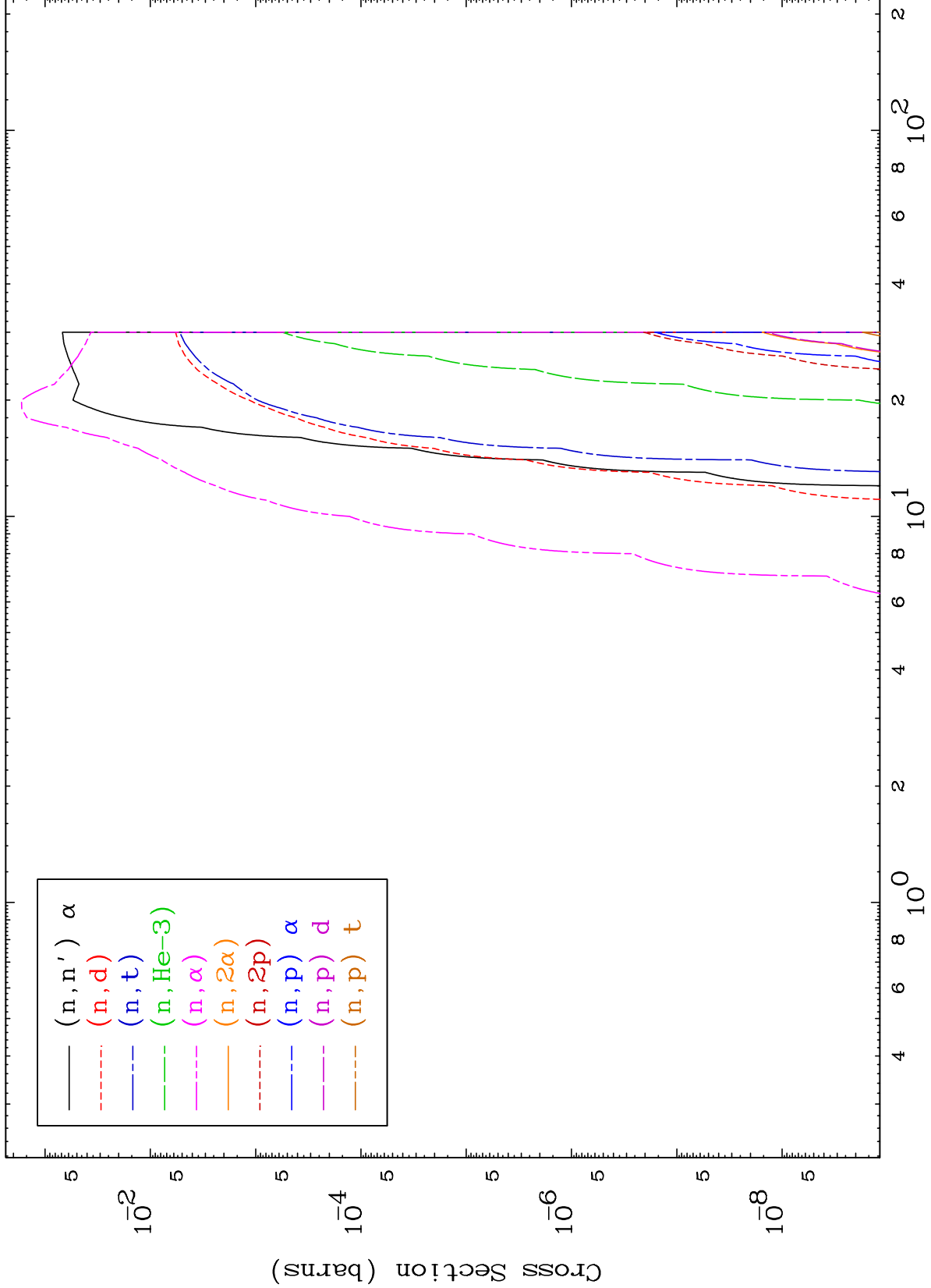




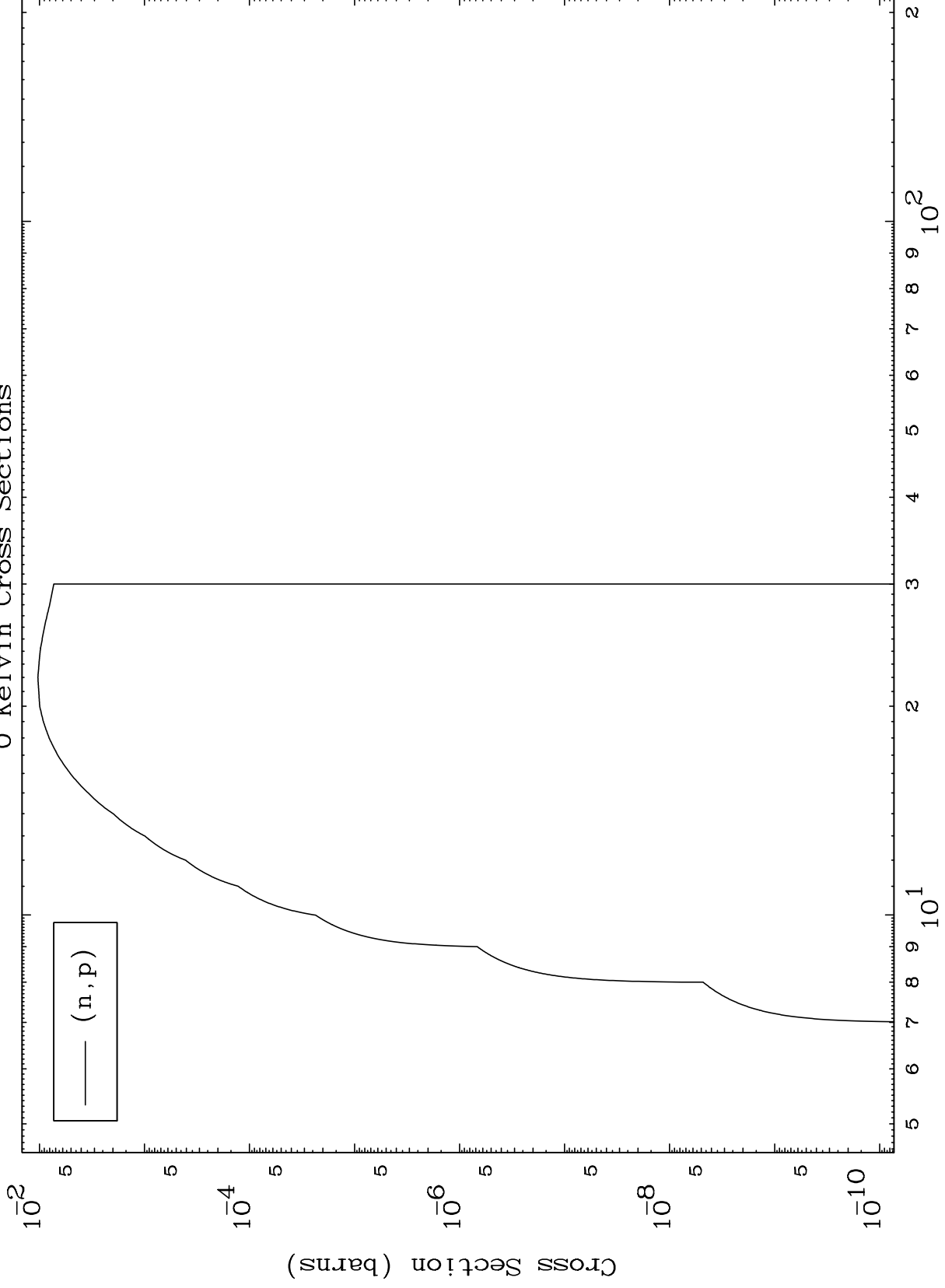








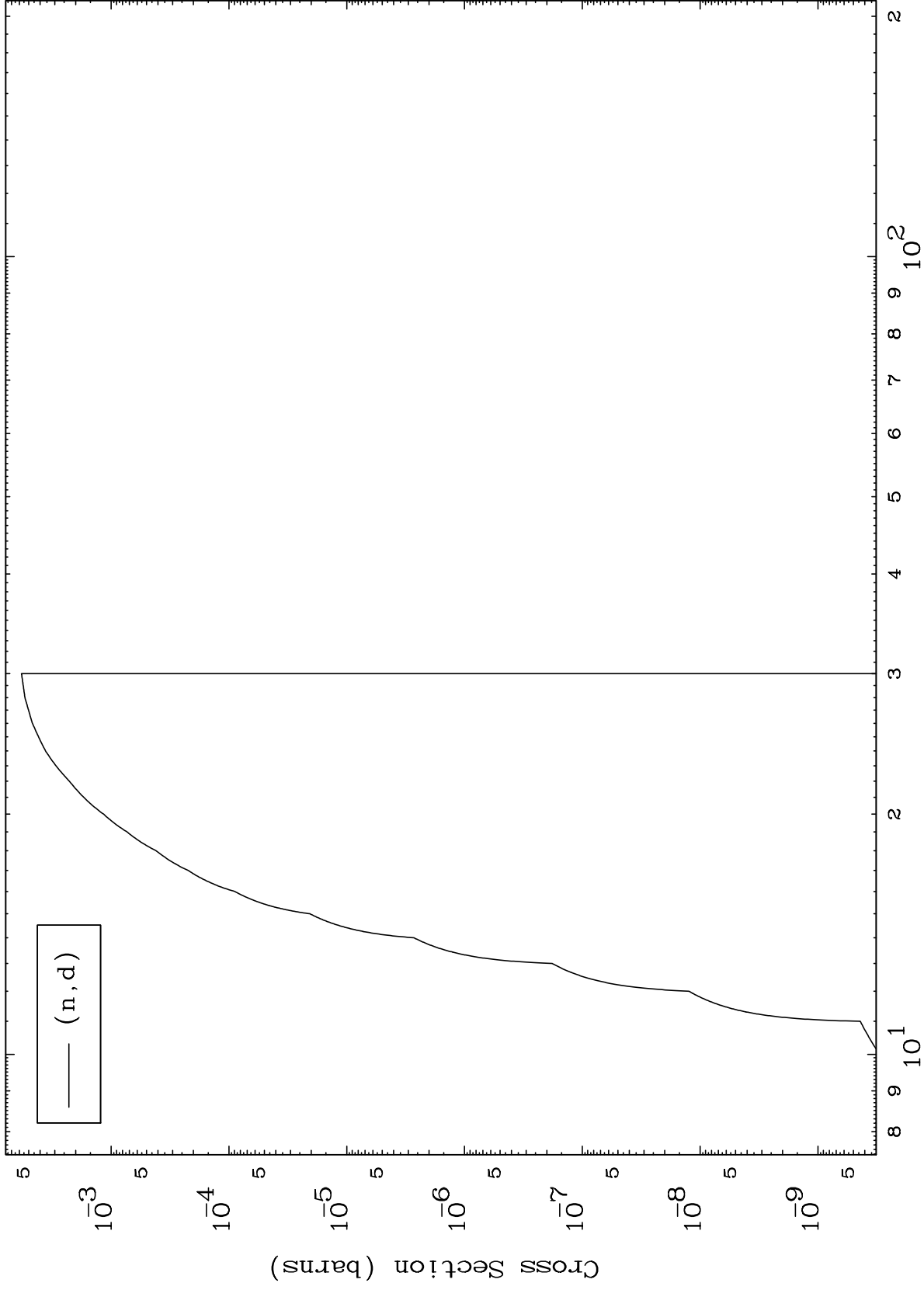
(α, p) Levels
0 Kelvin Cross Sections



MAT 3452

(α, d) Levels
0 Kelvin Cross Sections

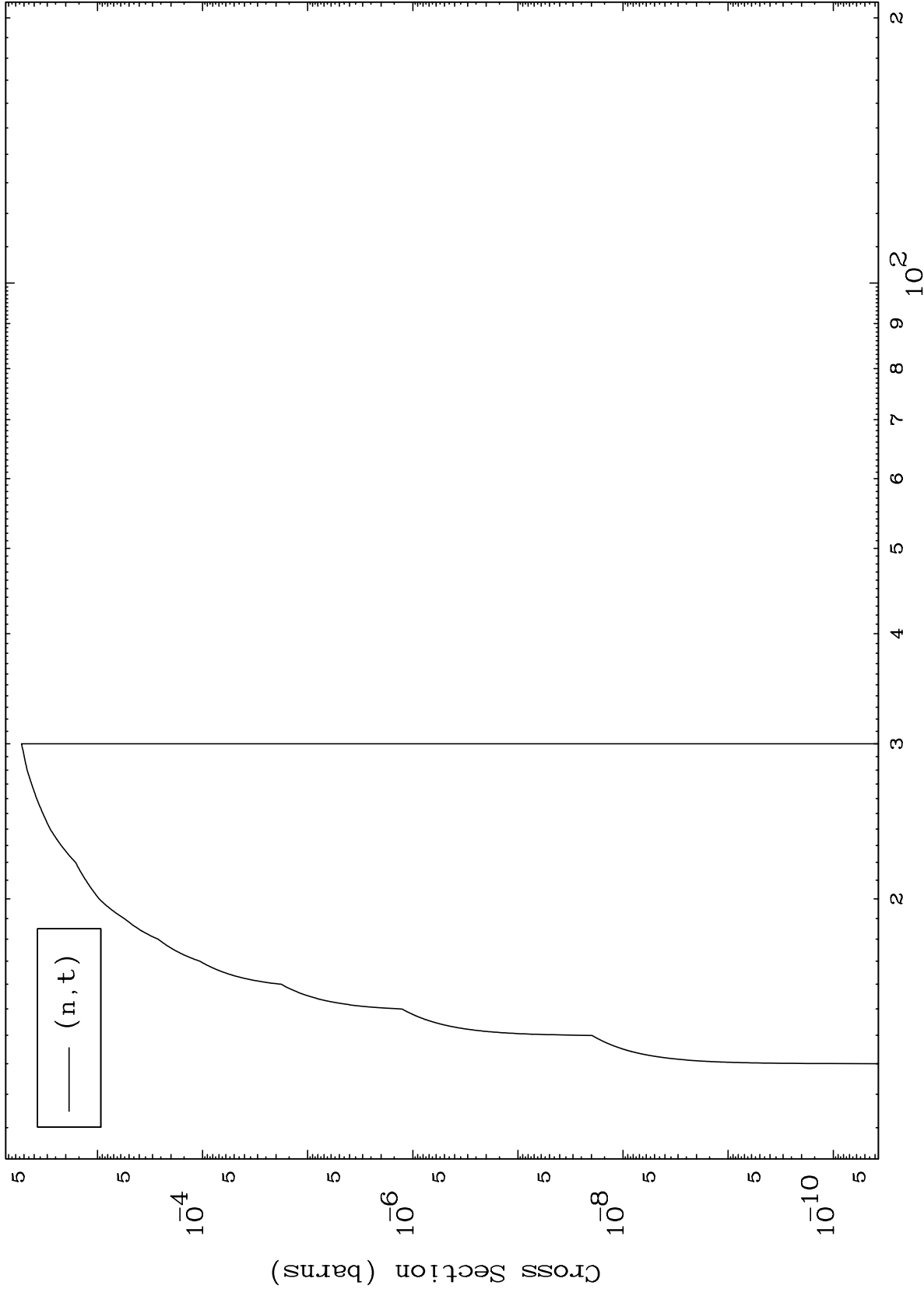
$^{34}\text{Se-83}$



8

Incident Energy (MeV)

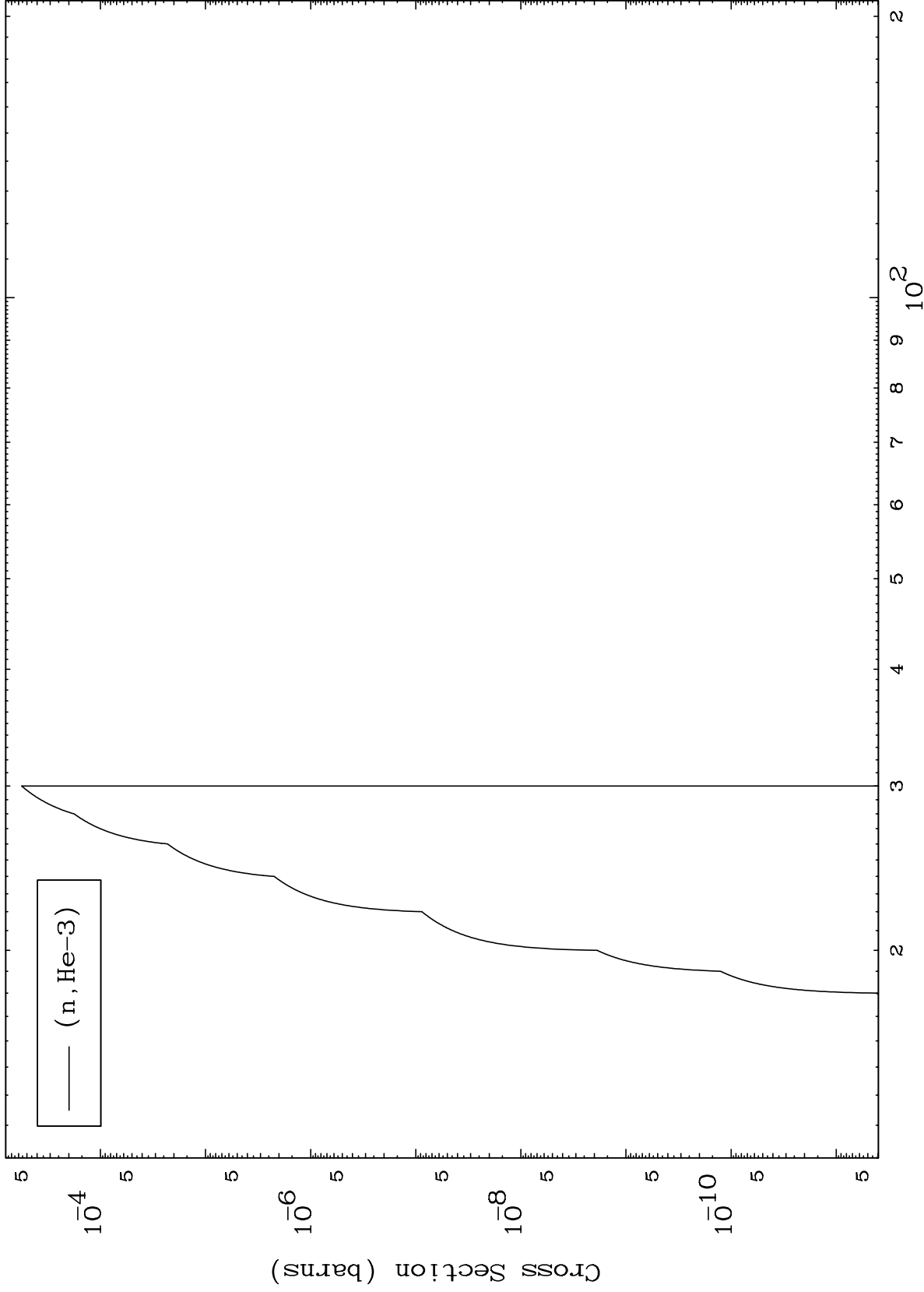
$^{34}\text{Se-83}$



MAT 3452

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

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



10

Incident Energy (MeV)

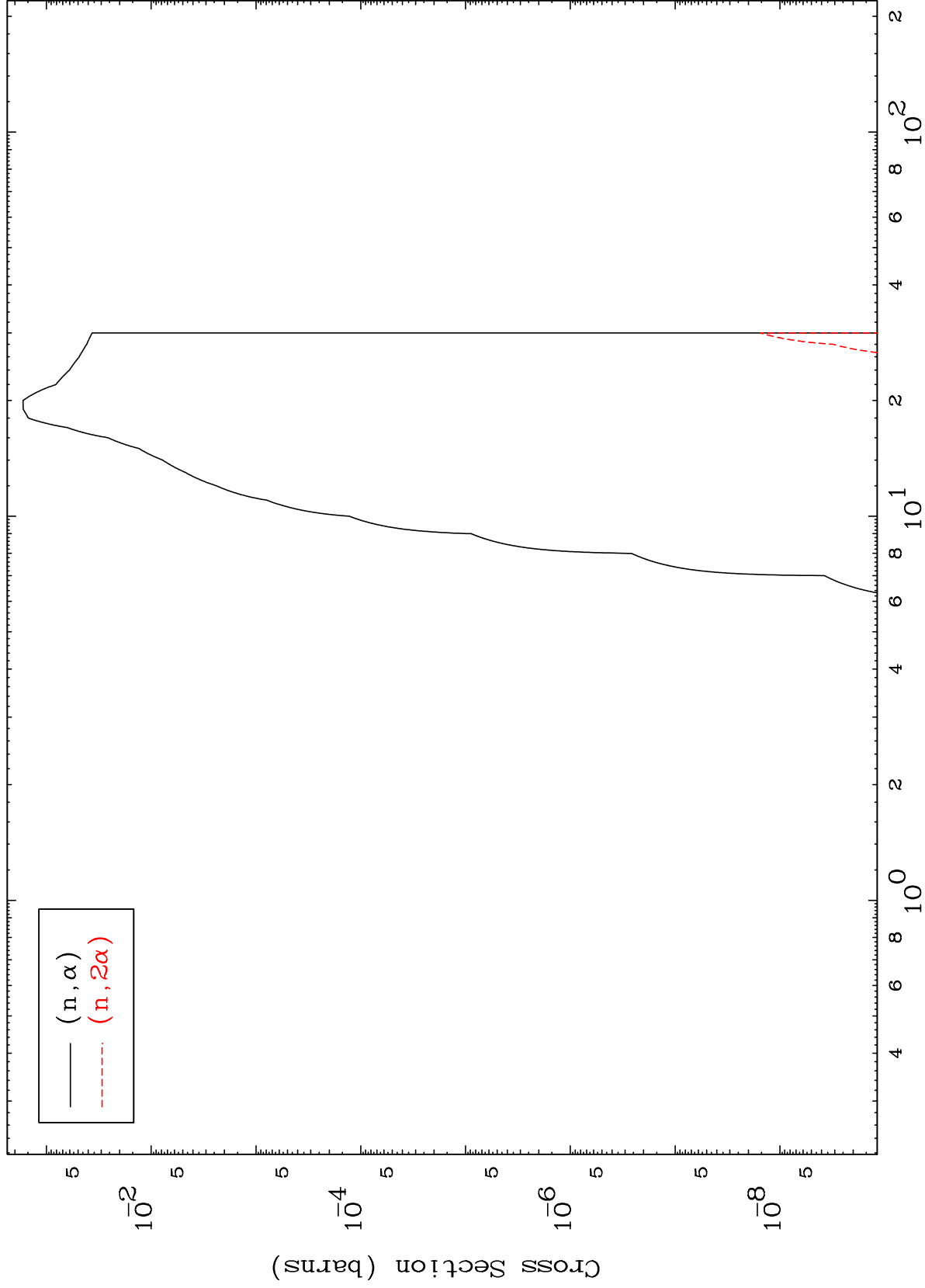
$^{34}\text{Se-83}$

MAT 3452

(α, α) Levels

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

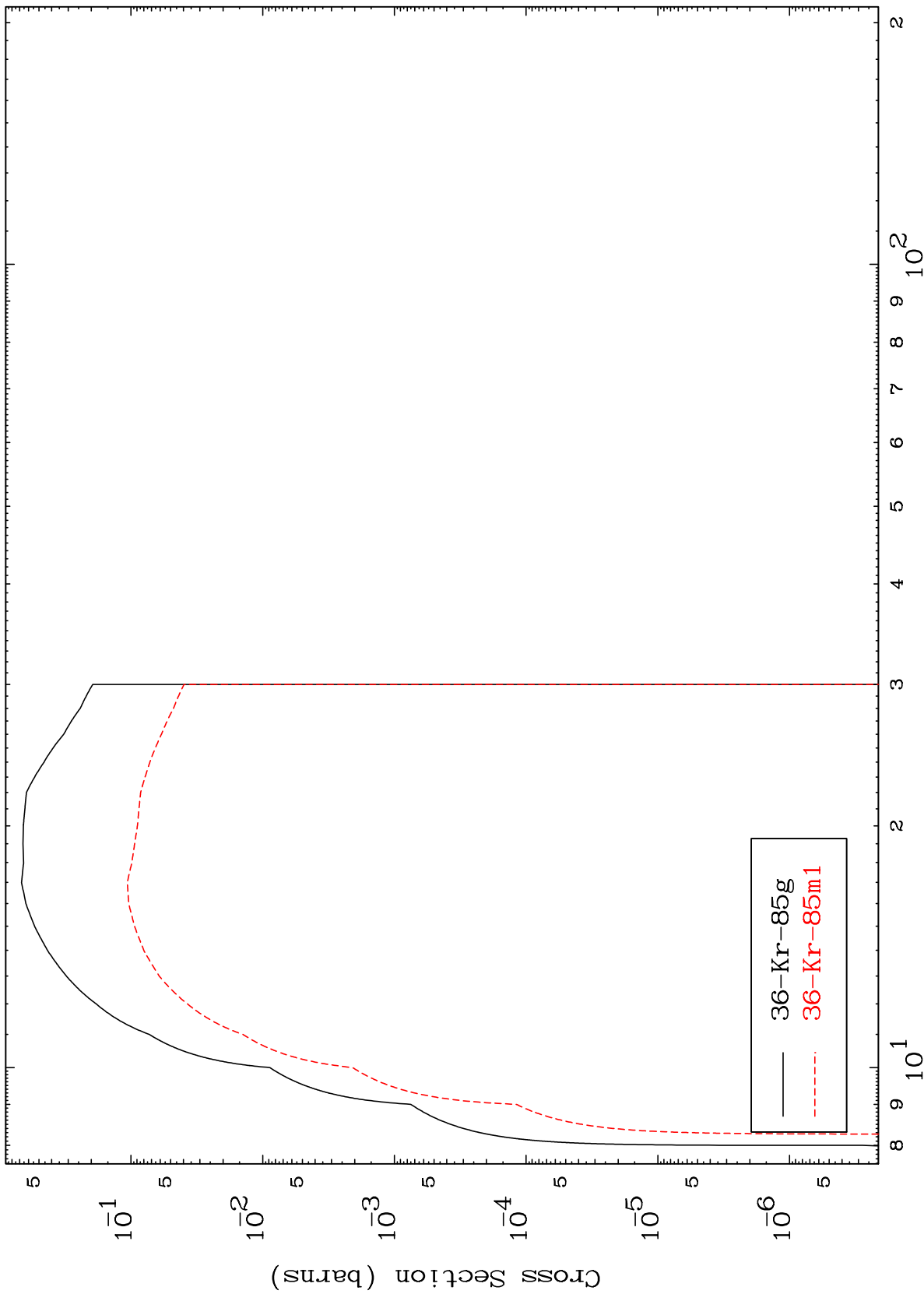
0 Kelvin Cross Sections



MAT 3452

³⁴Se-83

Radionuclide Production Cross Section
(n,2n)



³⁴Se-83

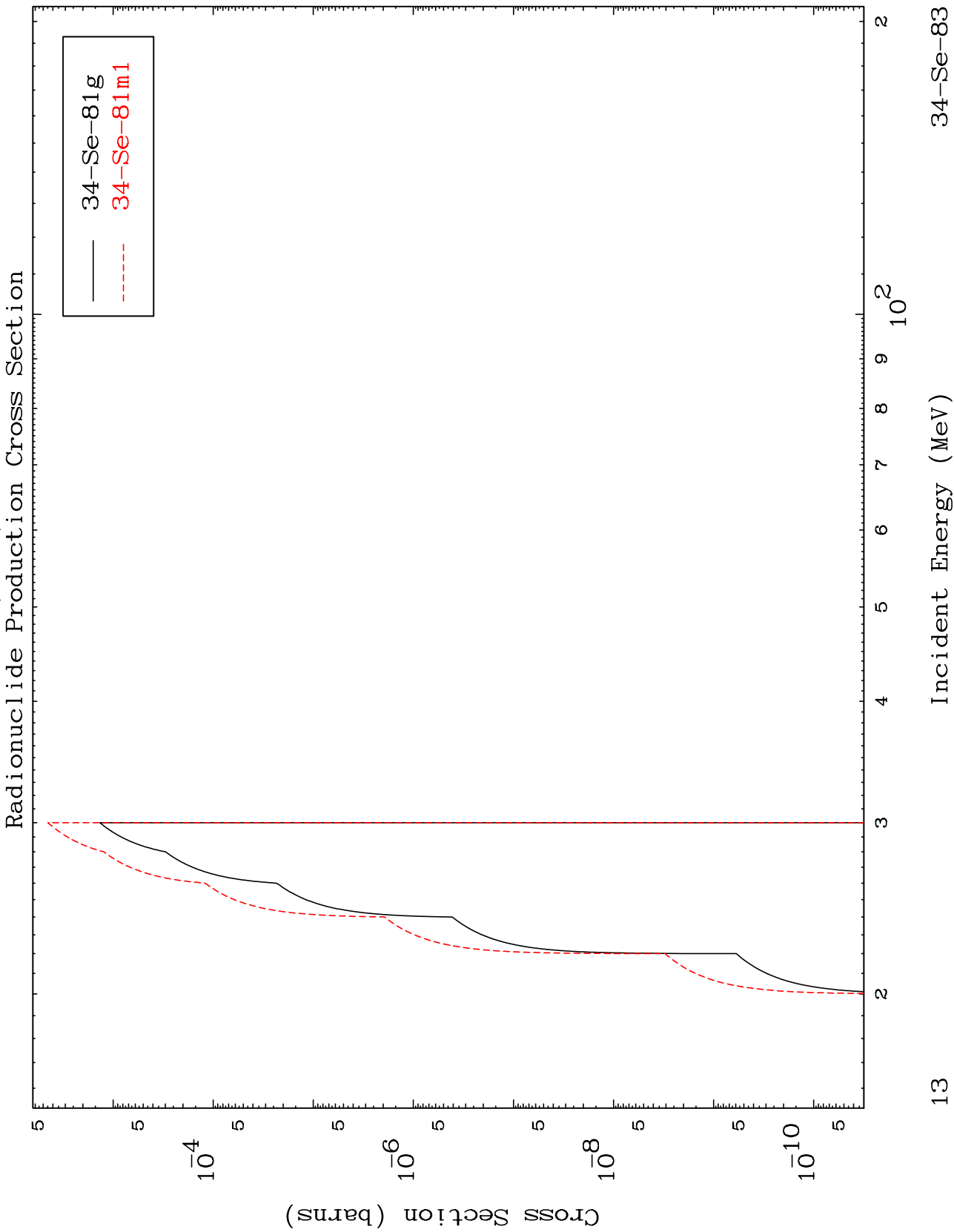
Incident Energy (MeV)

12

MAT 3452

$(n,2n) \alpha$

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

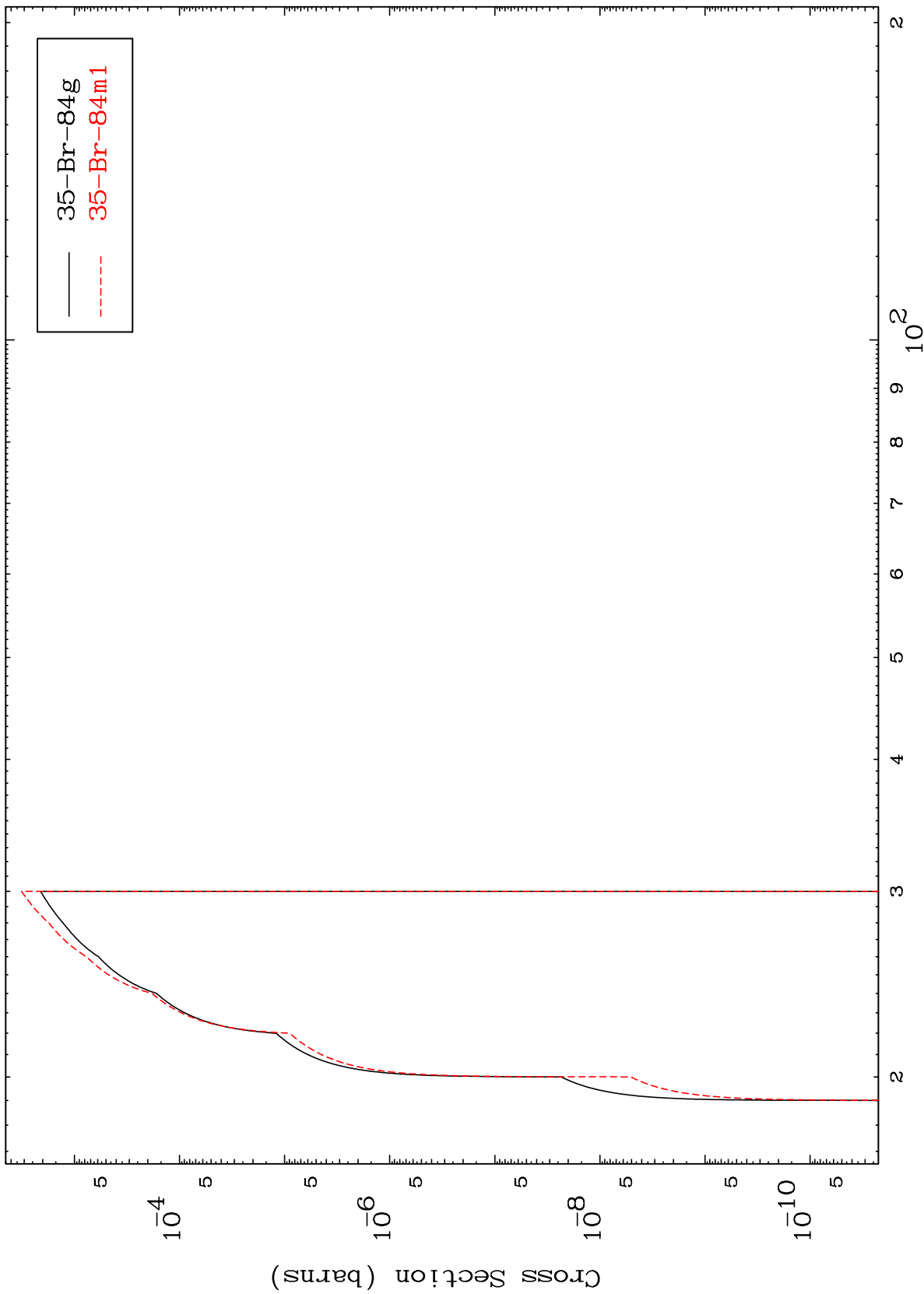


13

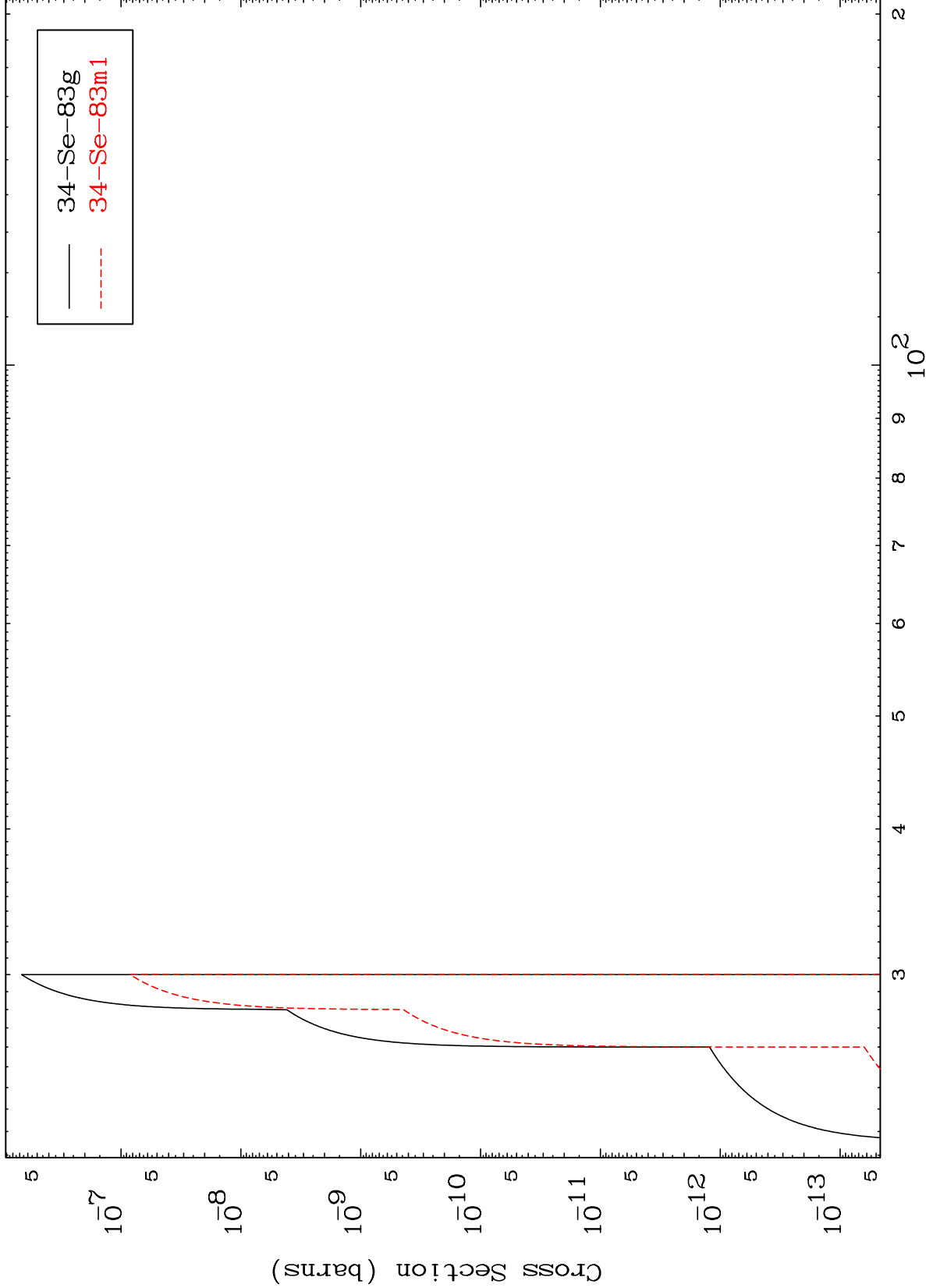
Incident Energy (MeV)

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

Radionuclide Production Cross Section



Radionuclide Production Cross Section

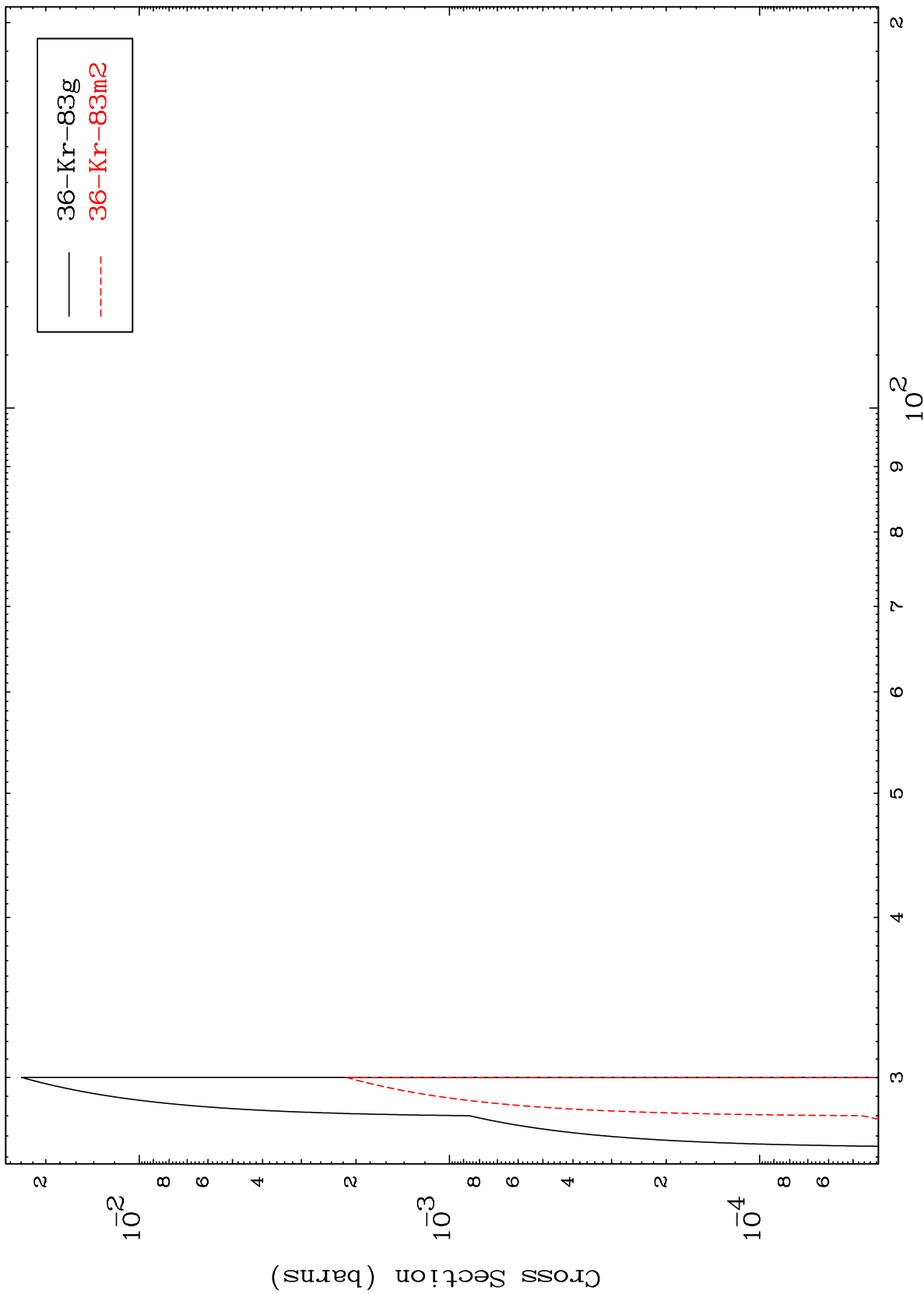


— 34-Se-83g
- - - 34-Se-83m1

MAT 3452

34-Se-83

(n,4n)
Radionuclide Production Cross Section



36-Kr-83g
36-Kr-83m2

34-Se-83

Incident Energy (MeV)

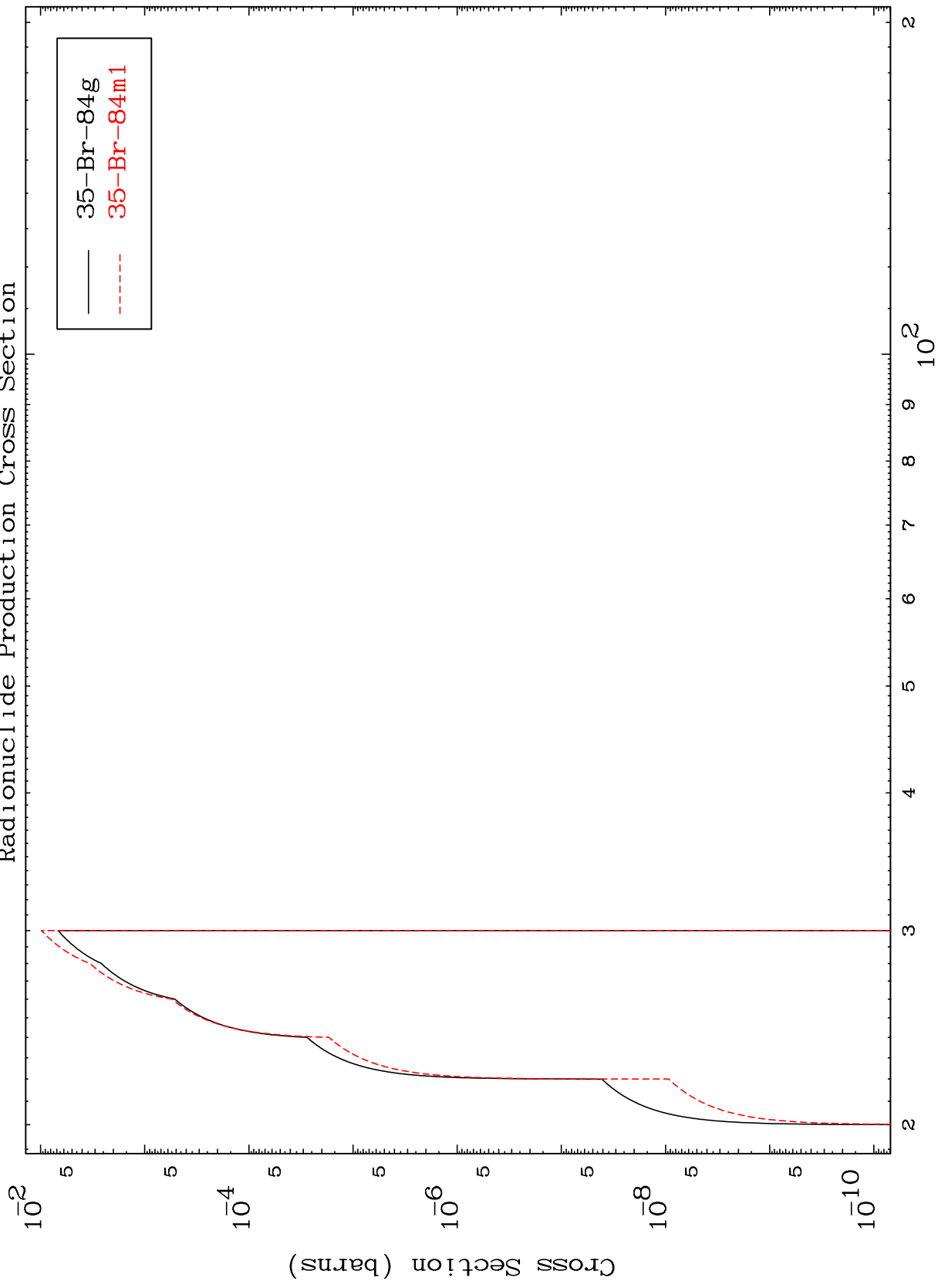
16

MAT 3452

(n,2n) p

³⁴Se-83

Radionuclide Production Cross Section

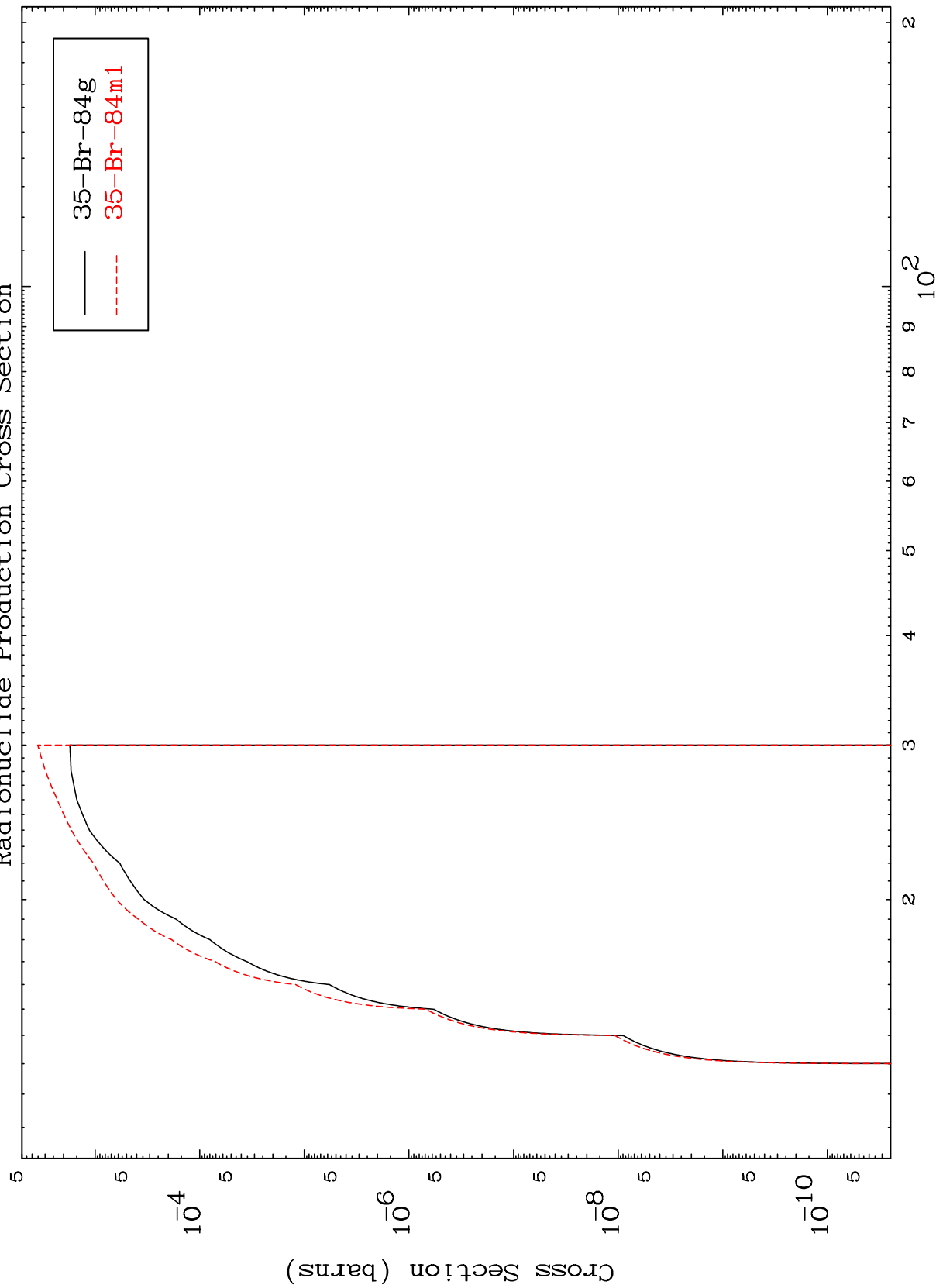


17

Incident Energy (MeV)

³⁴Se-83

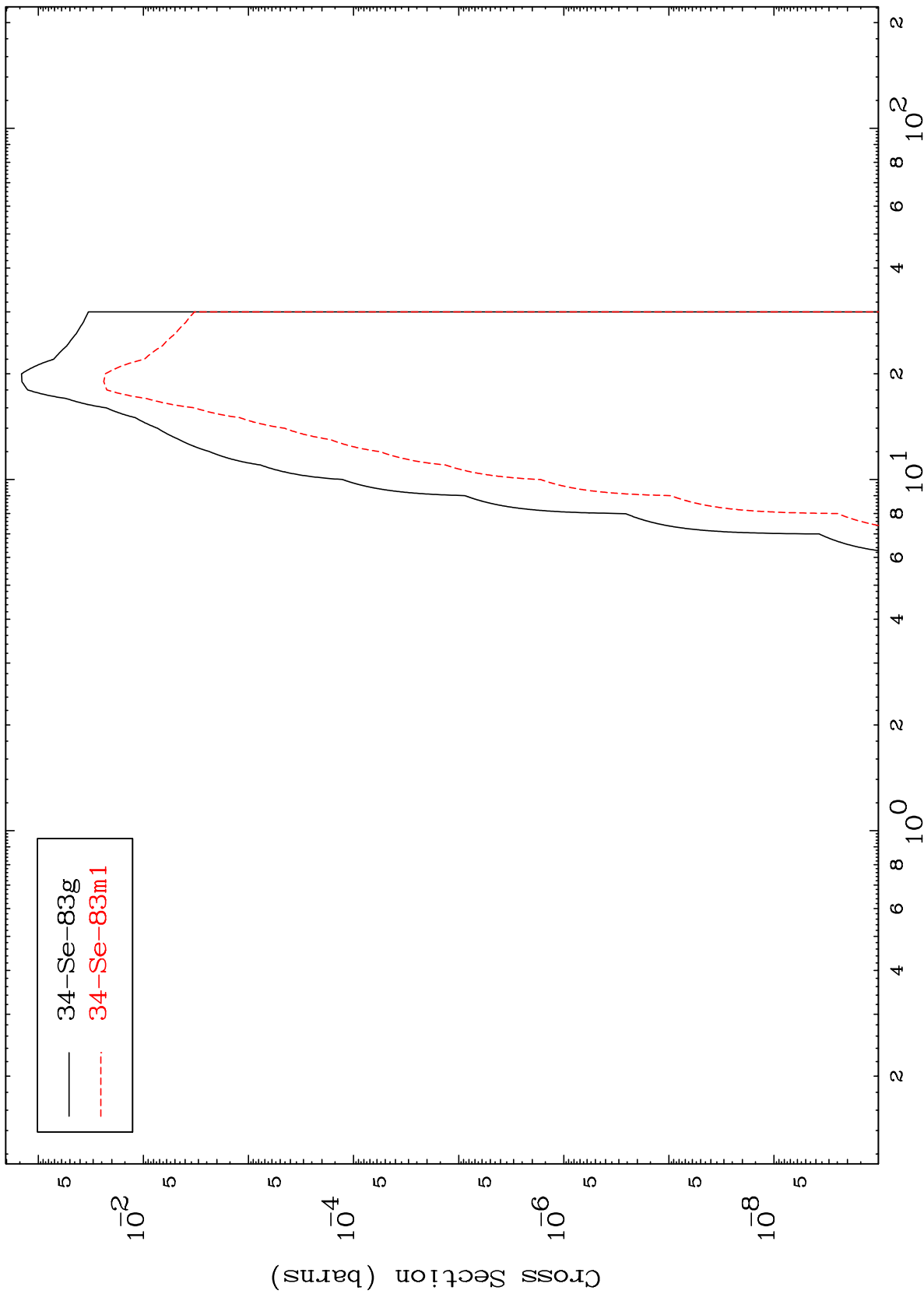
(n, t)
Radionuclide Production Cross Section



MAT 3452

³⁴Se-83

(n,α)
Radionuclide Production Cross Section



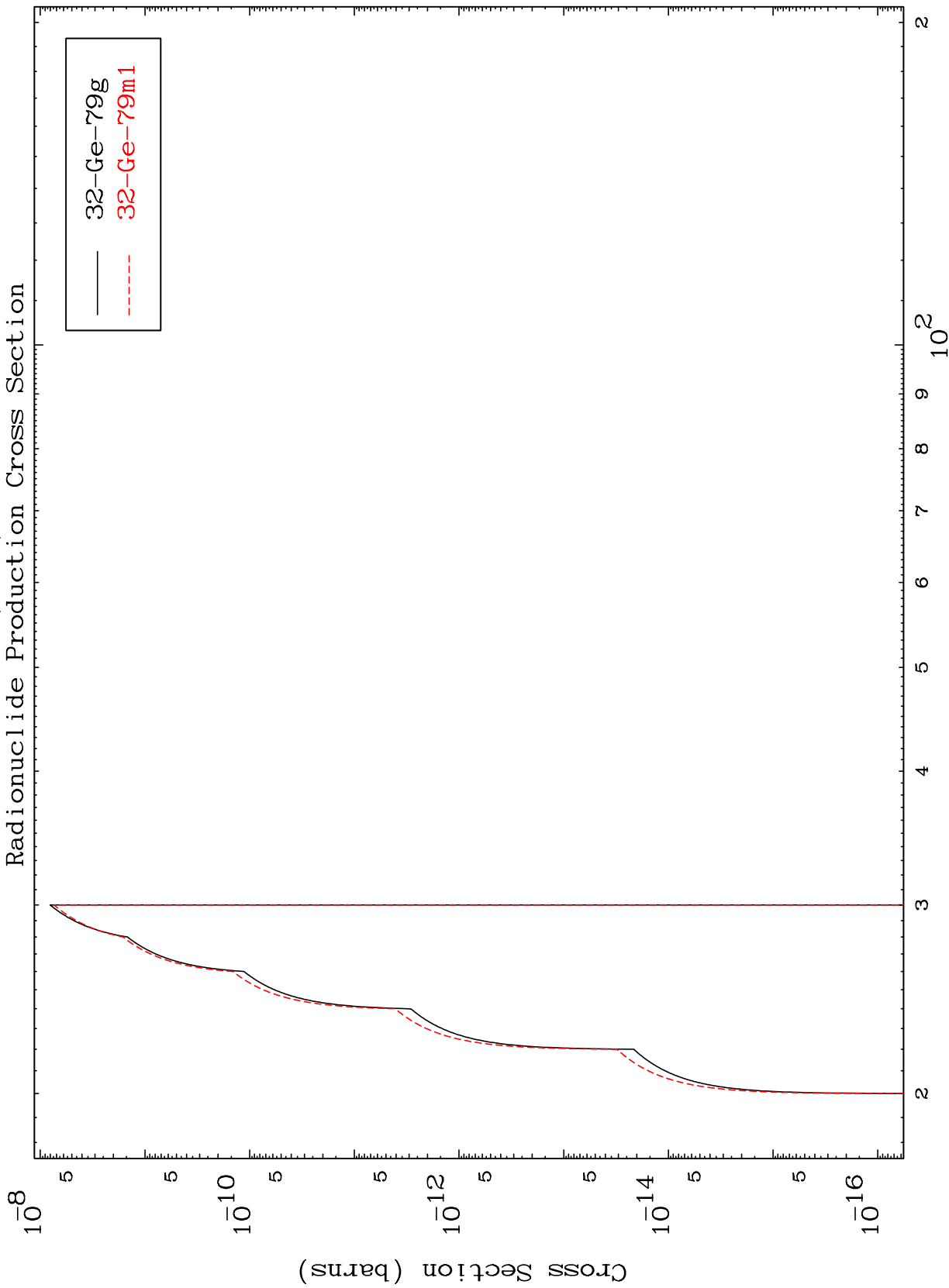
19

³⁴Se-83

MAT 3452

34-^{Se}-83

(n,2α)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

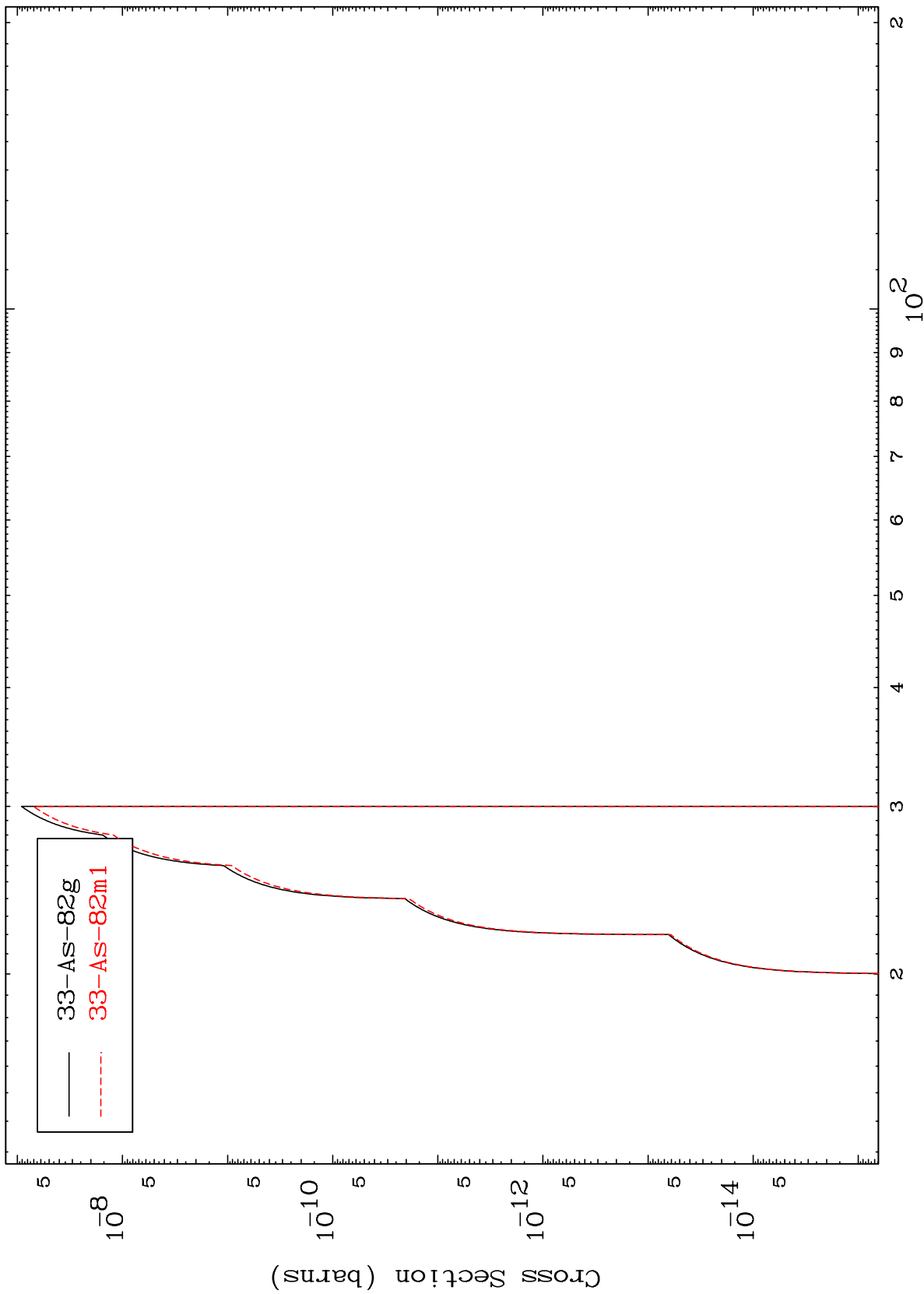
34-^{Se}-83

MAT 3452

(n,p) α

³⁴Se-83

Radionuclide Production Cross Section



Radionuclide Production Cross Section

