

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

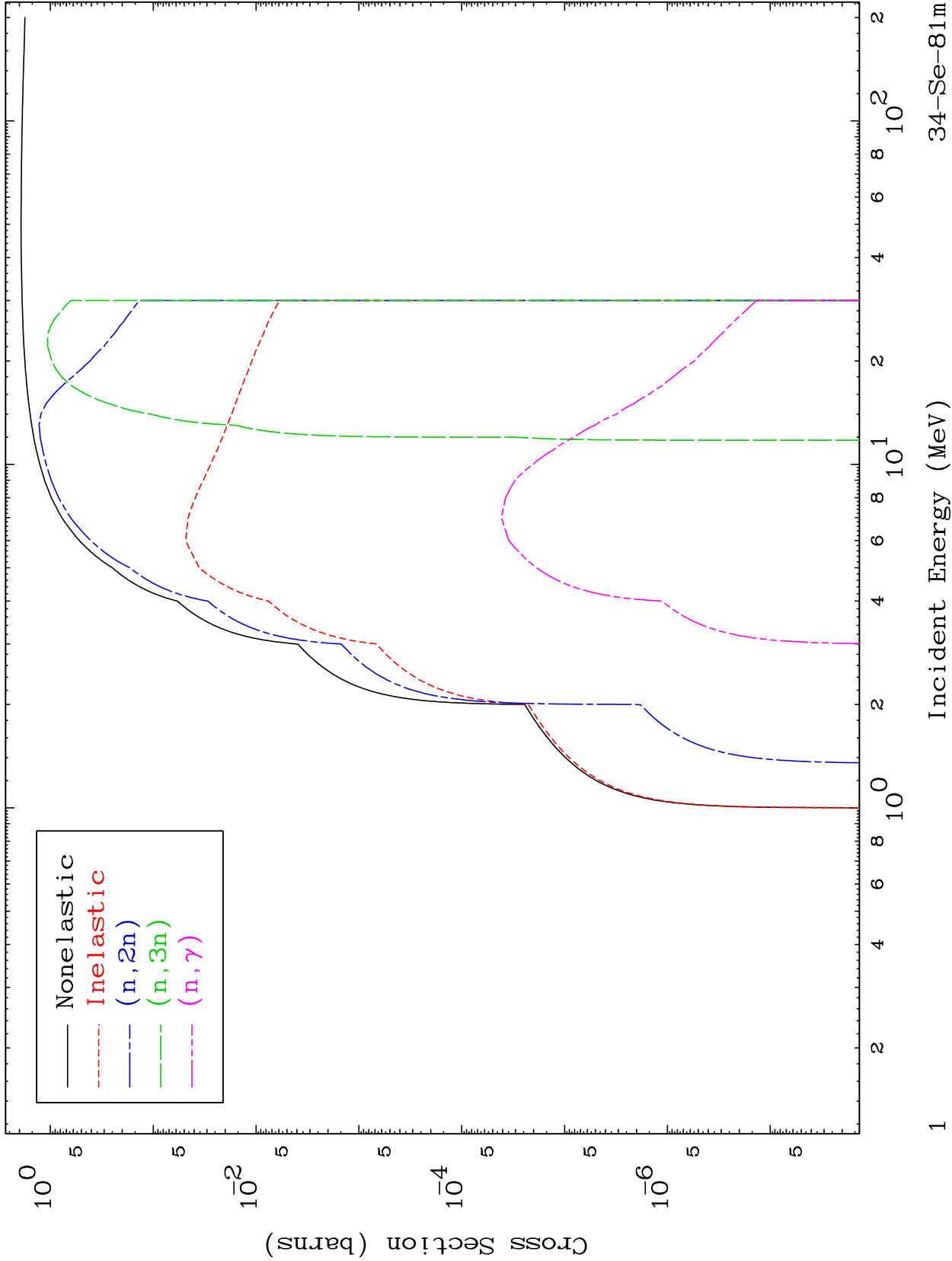
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3447

Deuteron Major
0 Kelvin Cross Sections

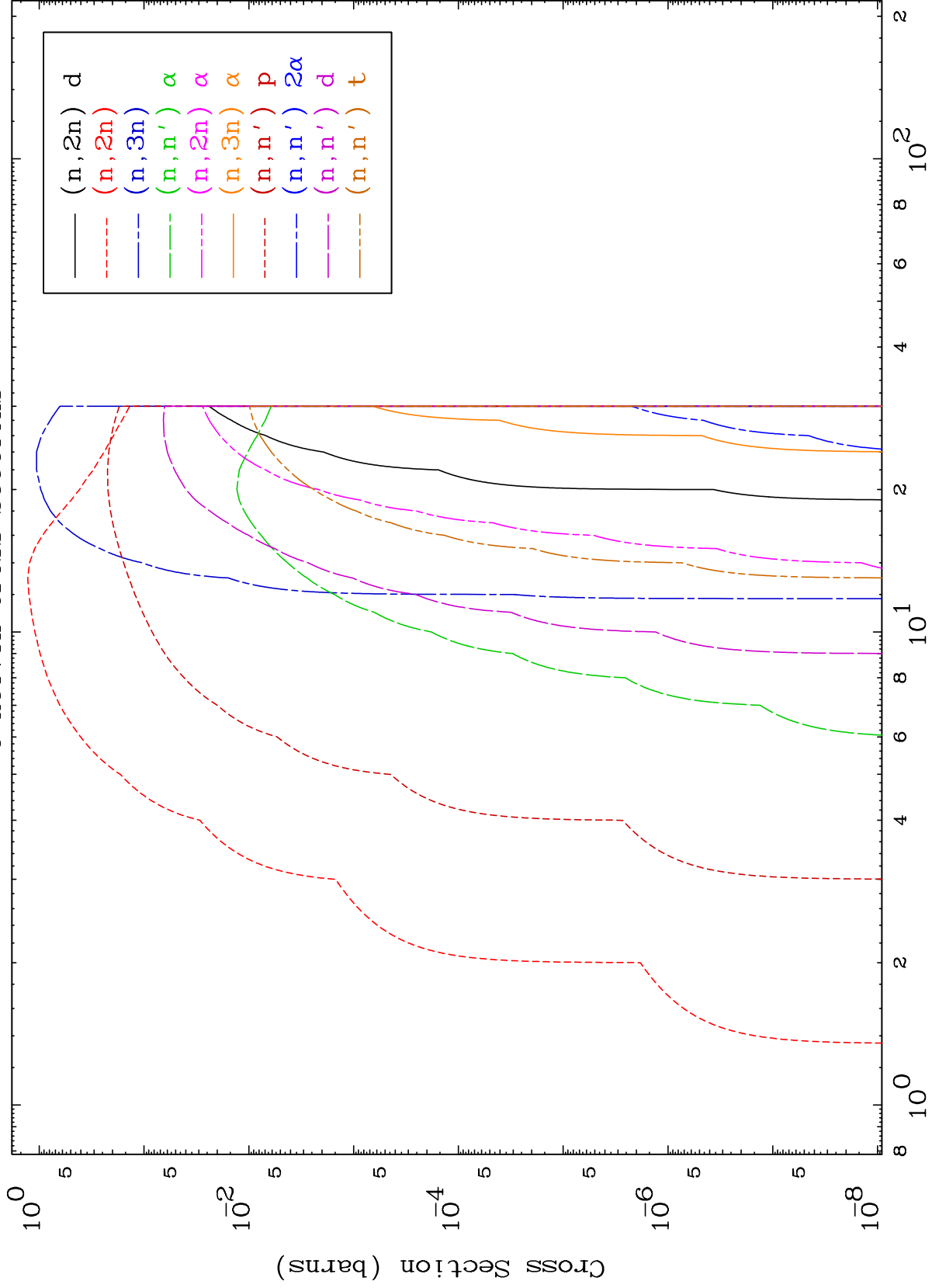
34-Se-81m



MAT 3447

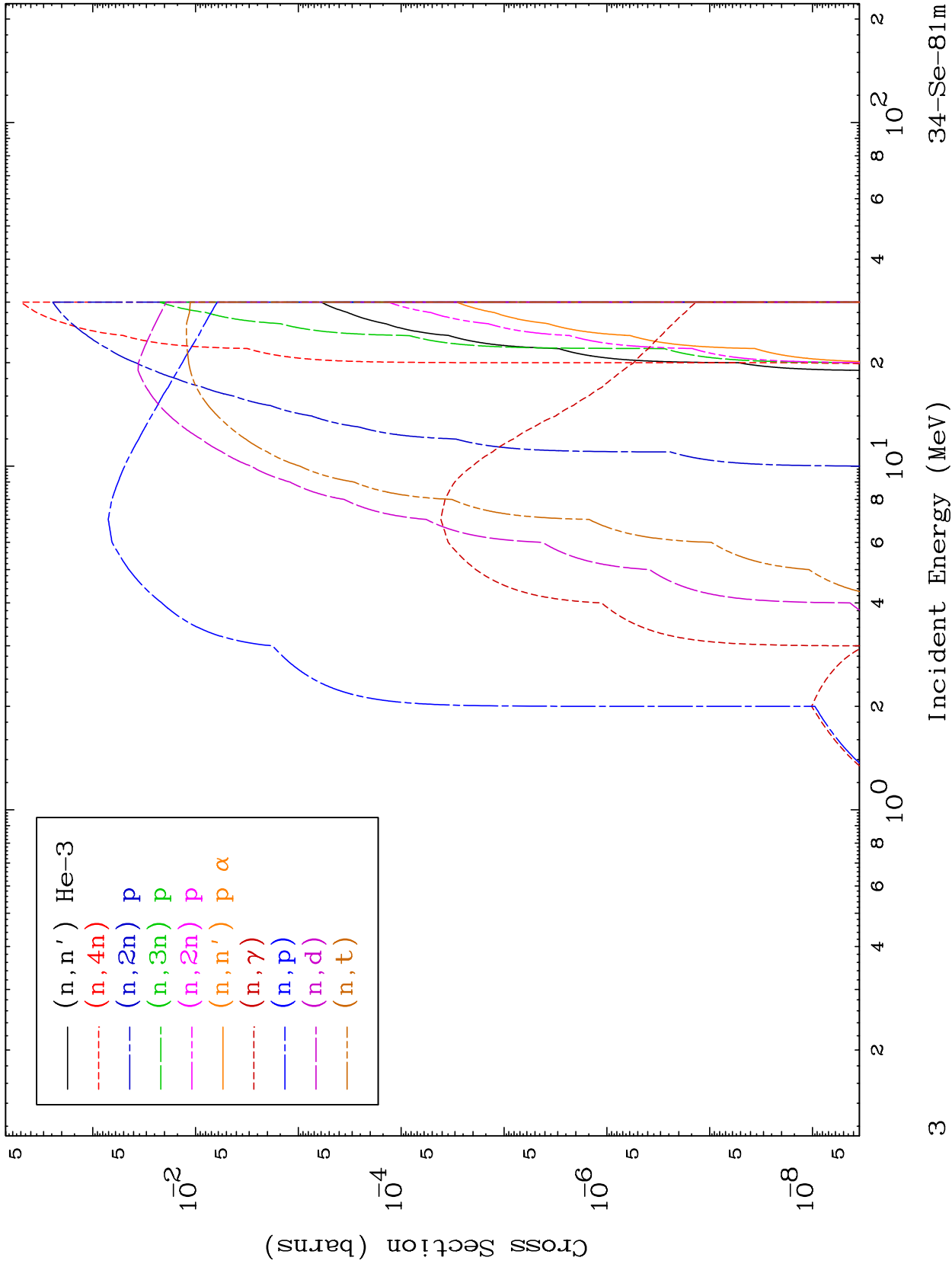
Deuteron Neutron Absorption
0 Kelvin Cross Sections

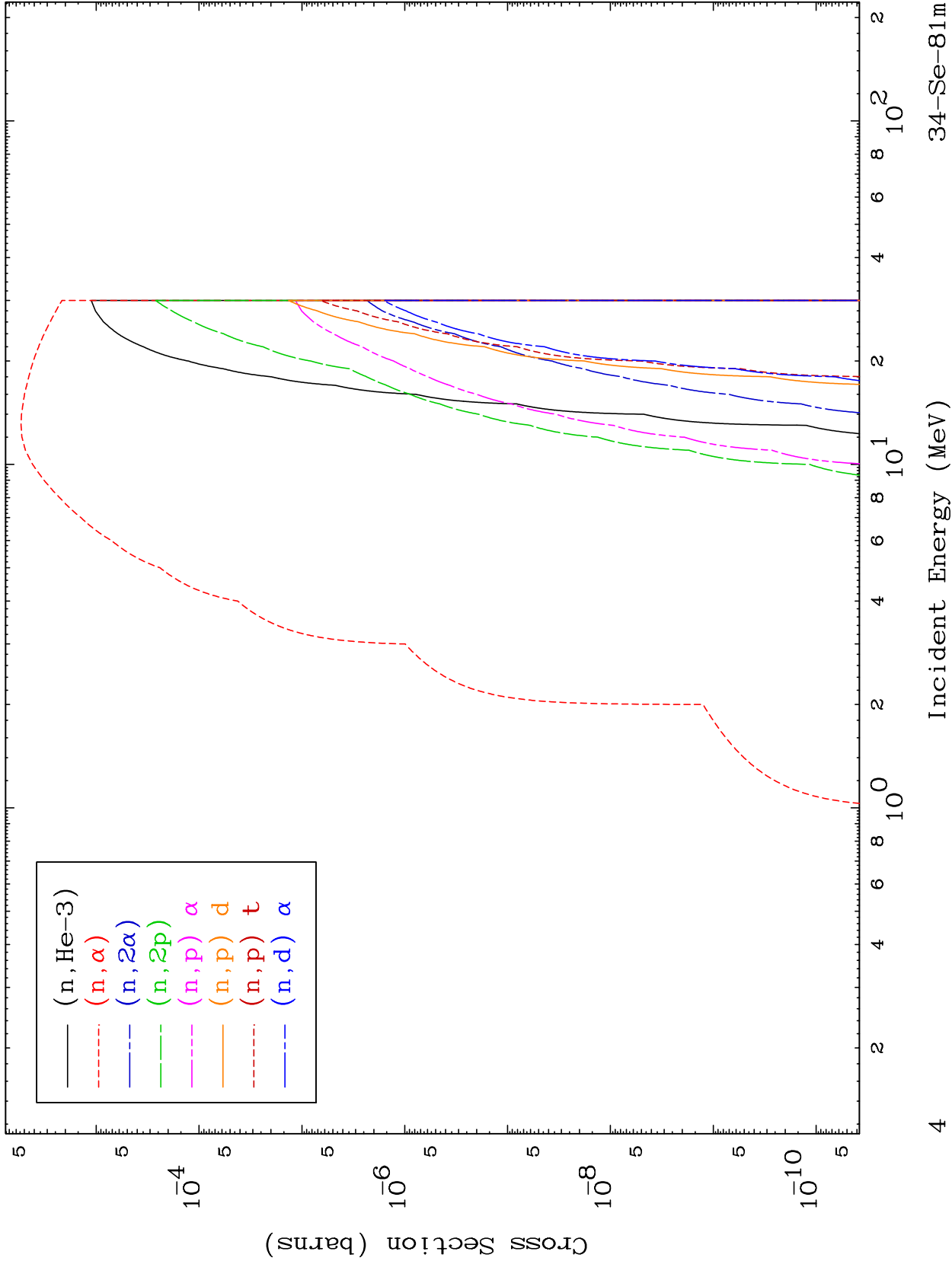
³⁴Se-81m



³⁴Se-81m

Incident Energy (MeV)

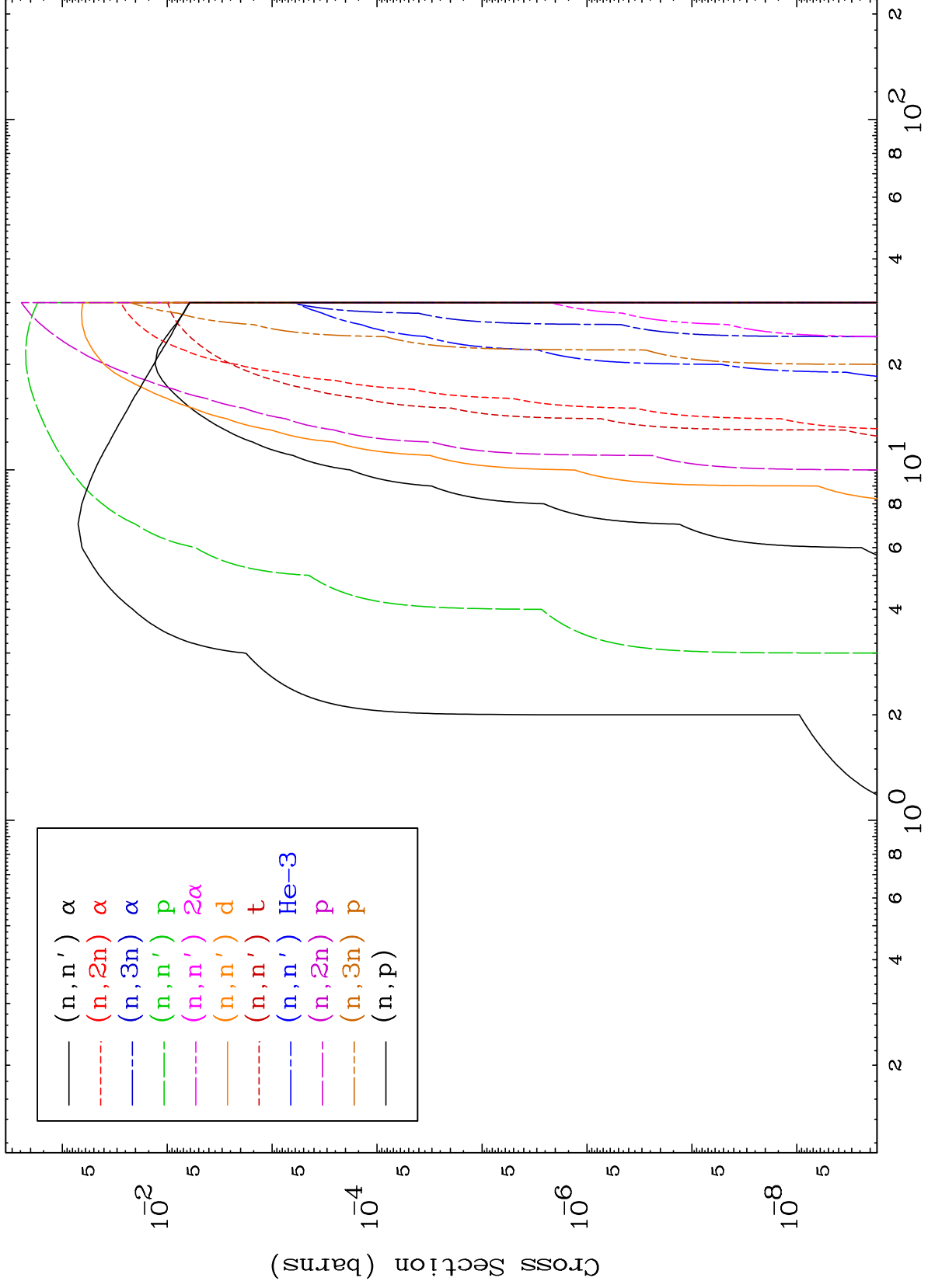




MAT 3447

Deuteron Charged Particle
0 Kelvin Cross Sections

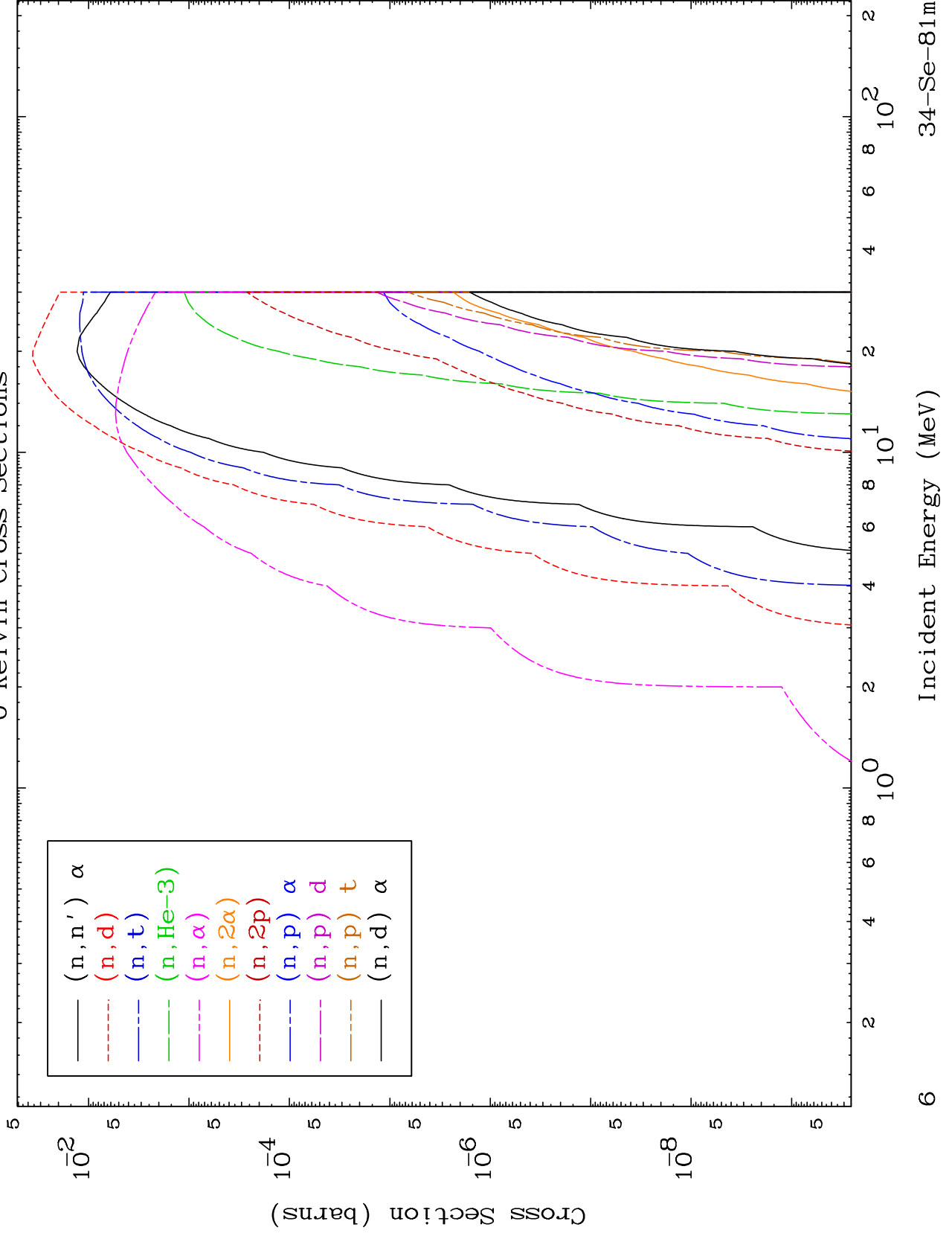
³⁴Se-81m



MAT 3447

Deuteron Charged Particle
0 Kelvin Cross Sections

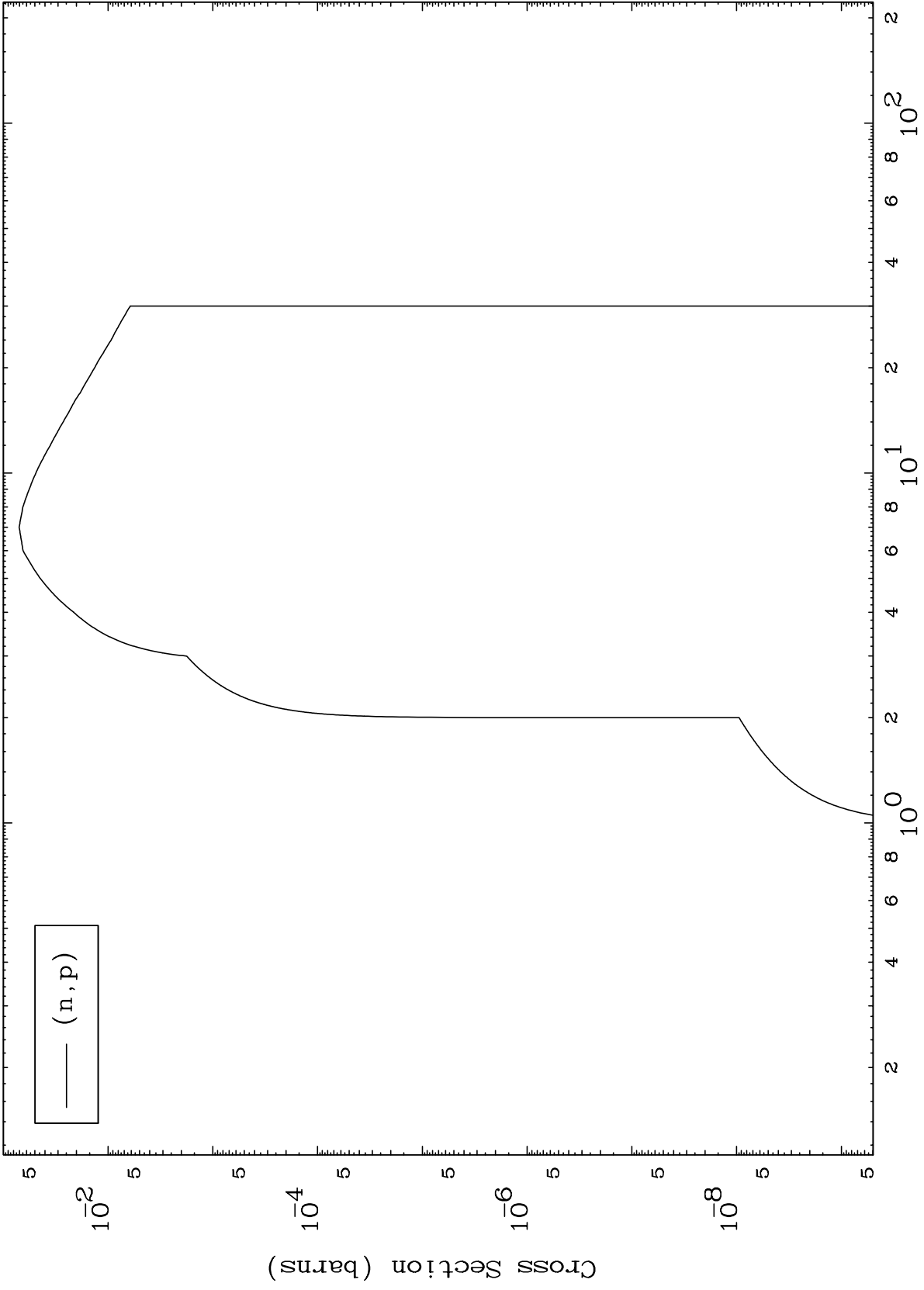
34-Se-81m



MAT 3447

34-Se-81m

(d,p) Levels
0 Kelvin Cross Sections



(n,p)

34-Se-81m

Incident Energy (MeV)

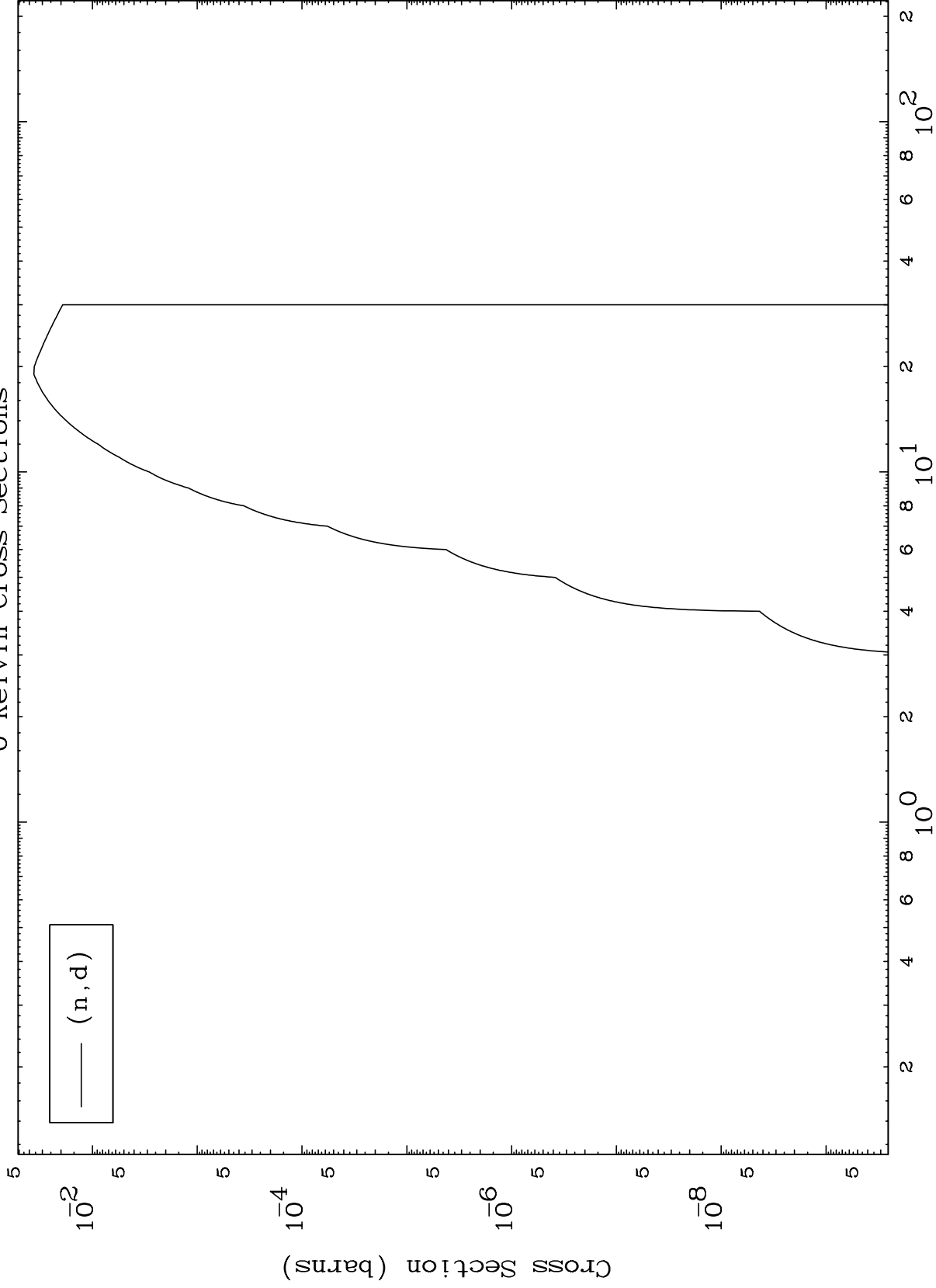
7

MAT 3447

(d,d) Levels

34-Se-81m

0 Kelvin Cross Sections

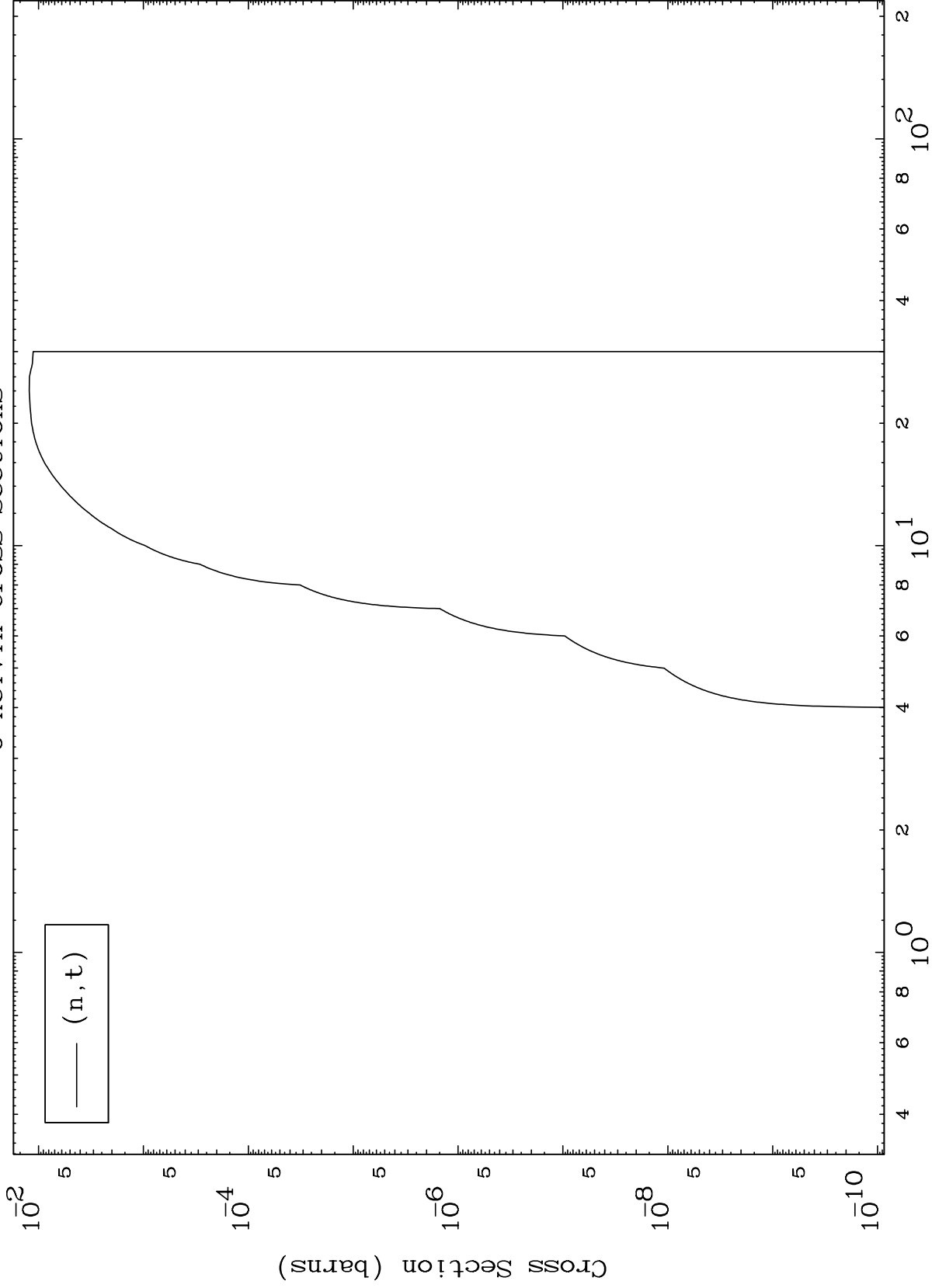


MAT 3447

(d, t) Levels

34-Se-81m

0 Kelvin Cross Sections



9

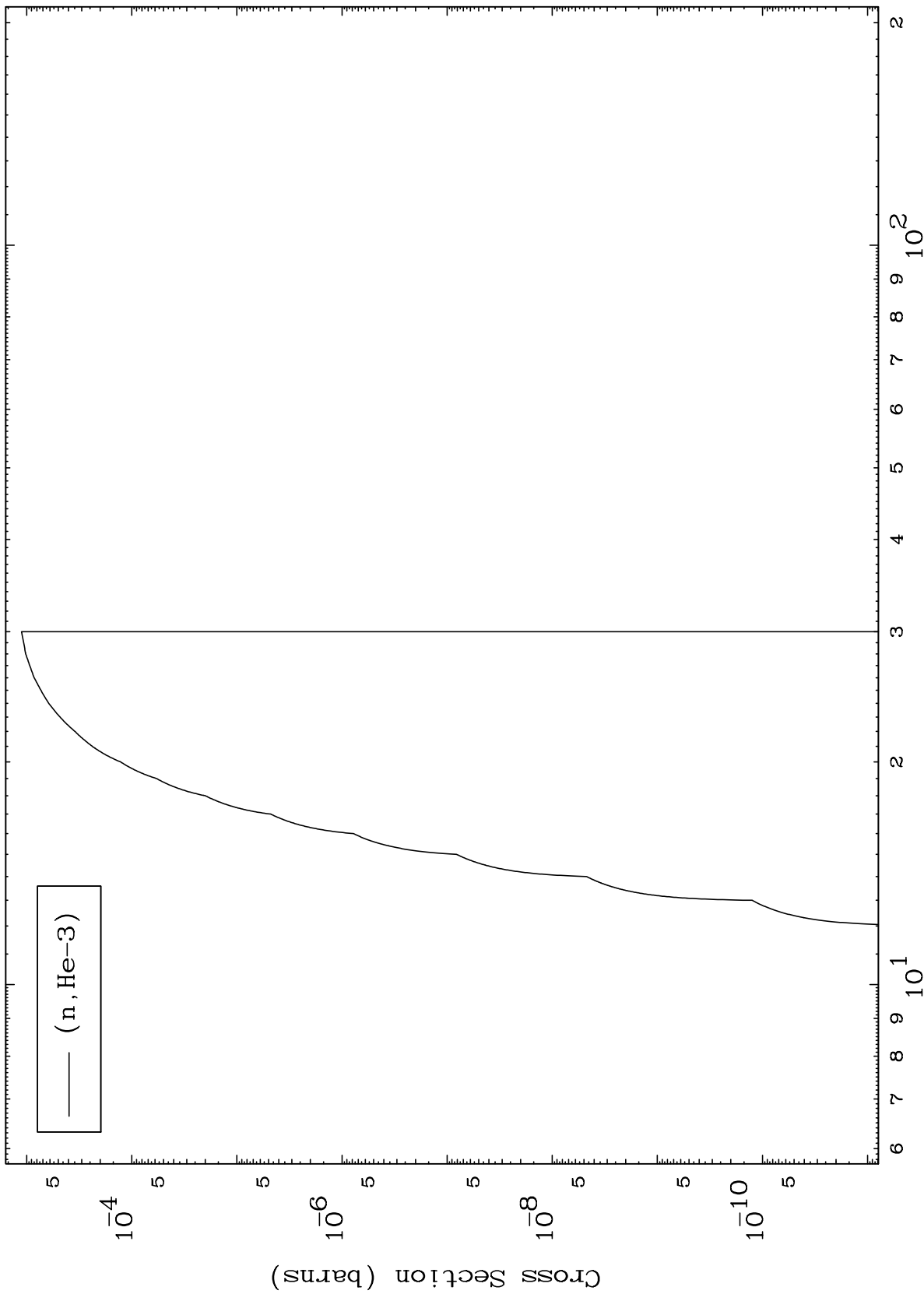
Incident Energy (MeV)

34-Se-81m

MAT 3447

34-Se-81m

(d,He3) Levels
0 Kelvin Cross Sections

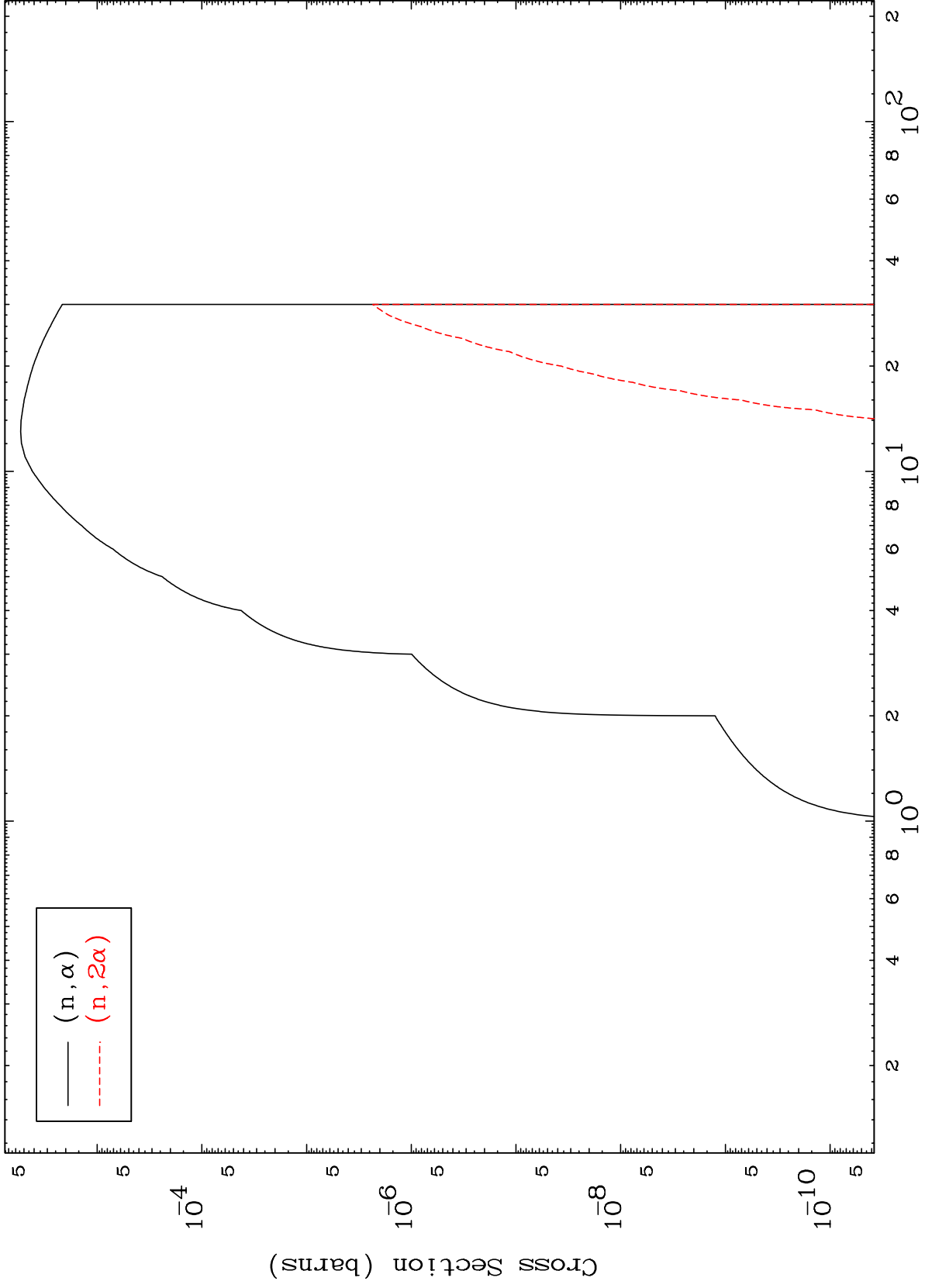


MAT 3447

(d, α) Levels

34-Se-81m

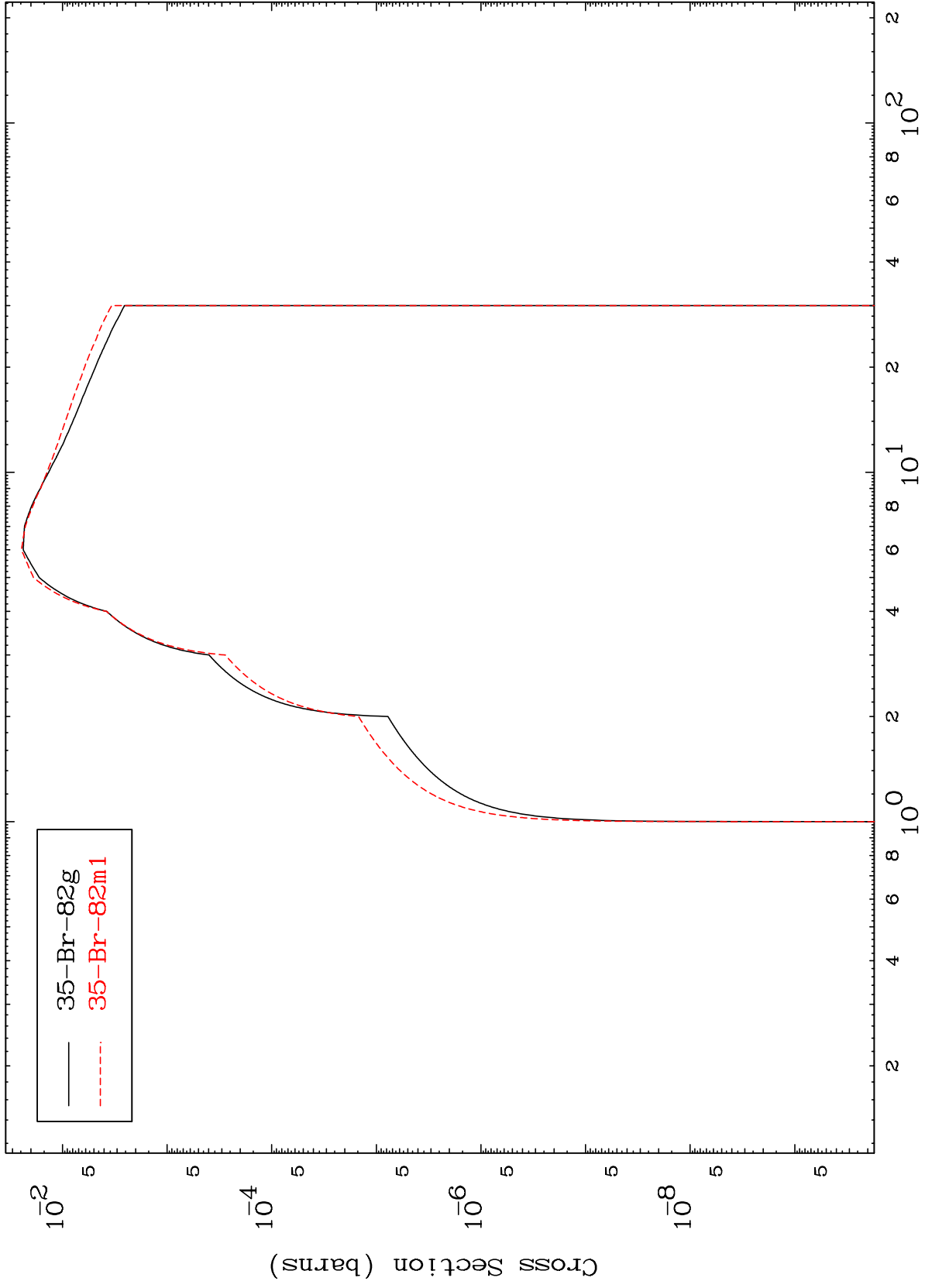
0 Kelvin Cross Sections



MAT 3447

34-Se-81m

Inelastic
Radionuclide Production Cross Section



12

34-Se-81m

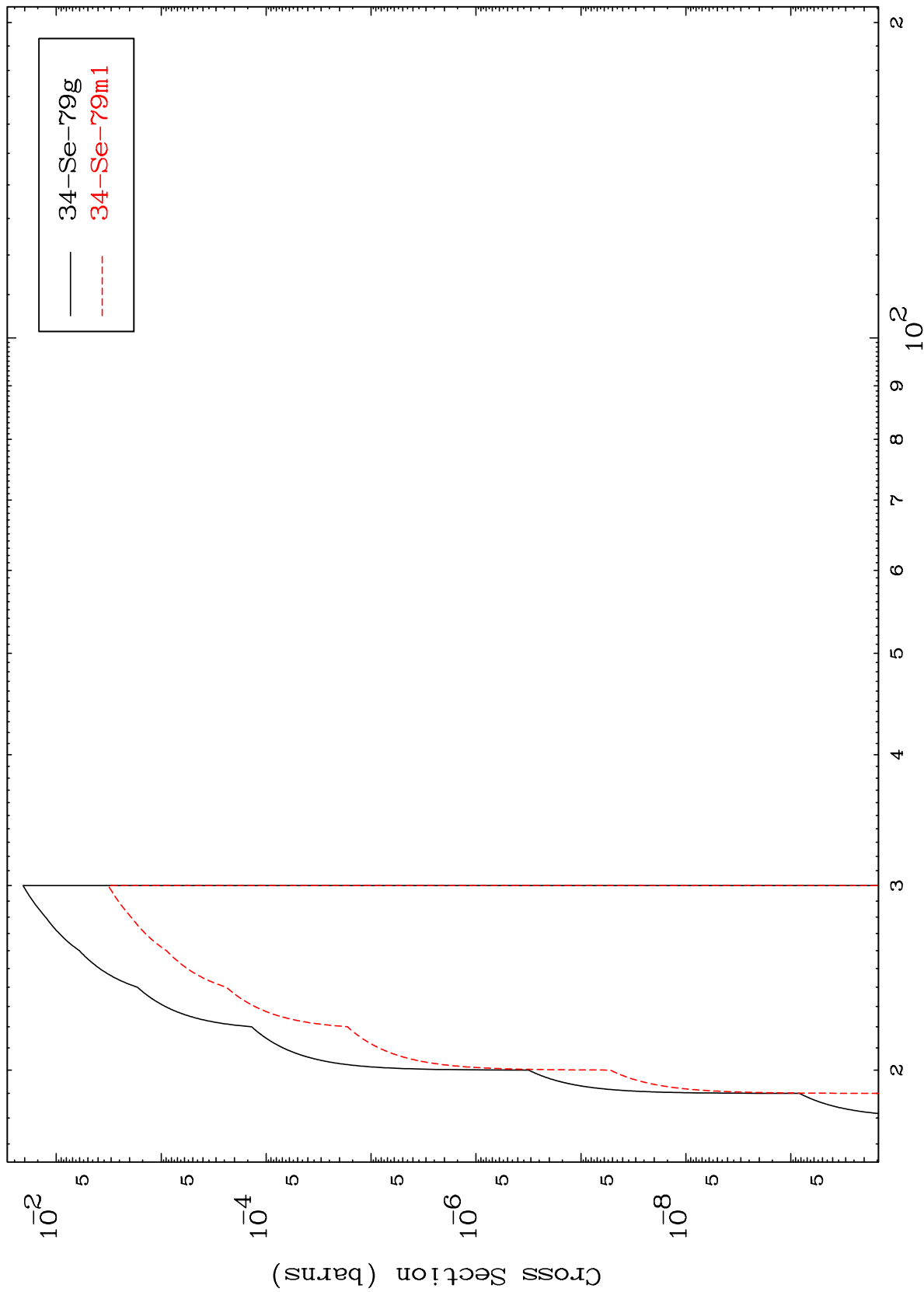
Incident Energy (MeV)

MAT 3447

(n,2n) d

34-Se-81m

Radionuclide Production Cross Section



13

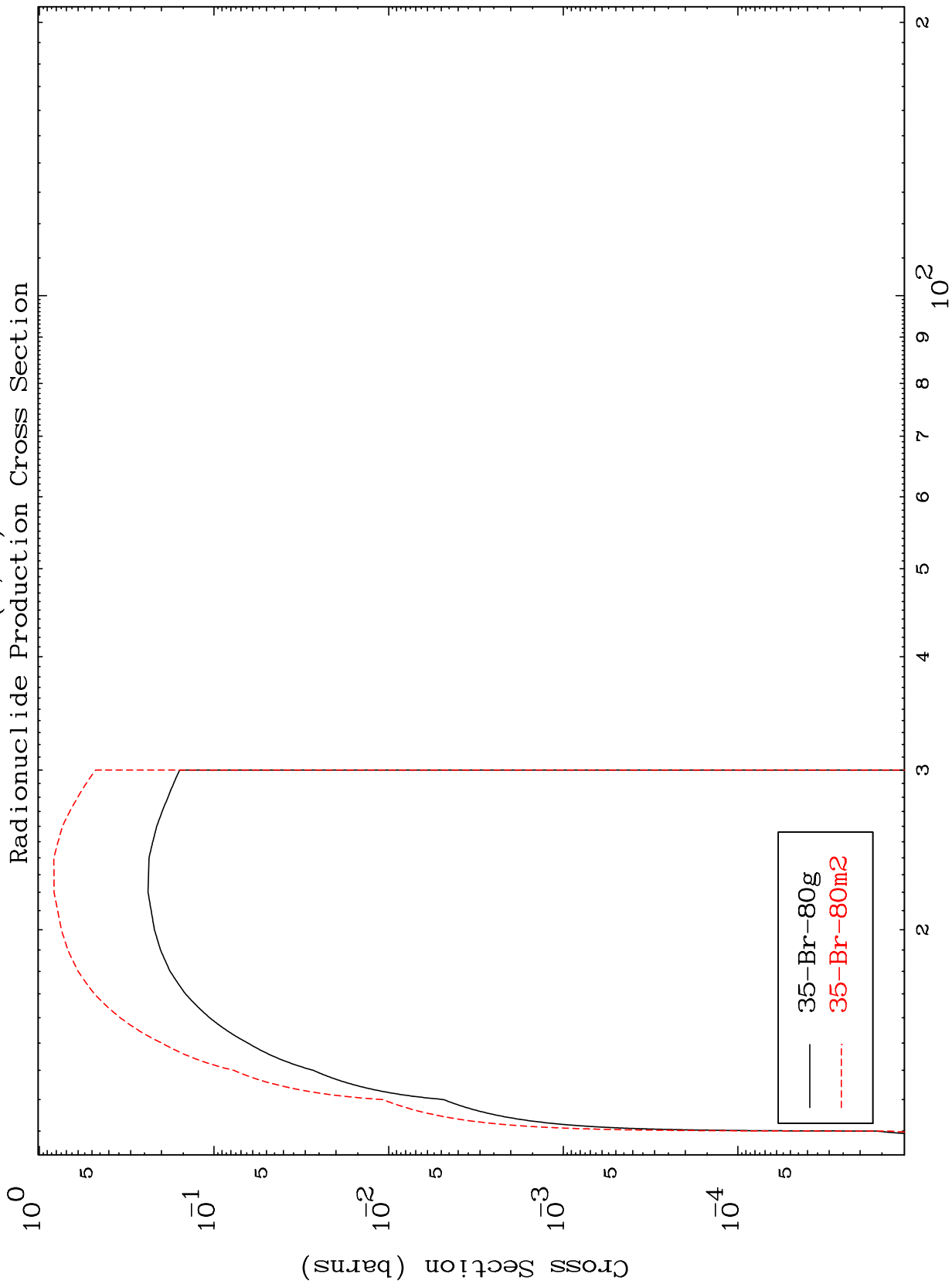
Incident Energy (MeV)

34-Se-81m

MAT 3447

³⁴Se-81m

Radionuclide Production Cross Section
(n,3n)



³⁴Se-81m

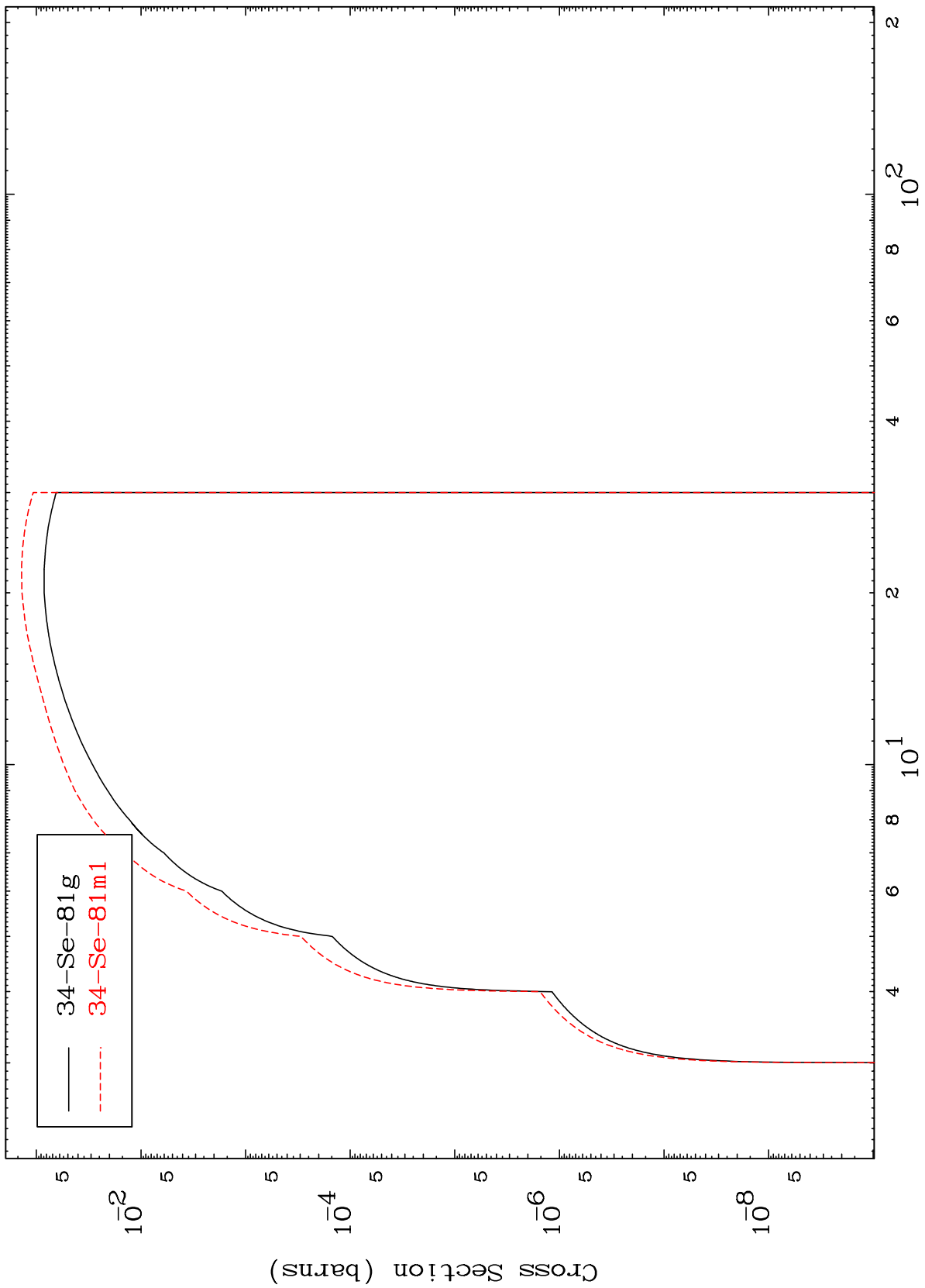
Incident Energy (MeV)

14

MAT 3447

³⁴Se-81m

(n,n') p
Radionuclide Production Cross Section



³⁴Se-81m

Incident Energy (MeV)

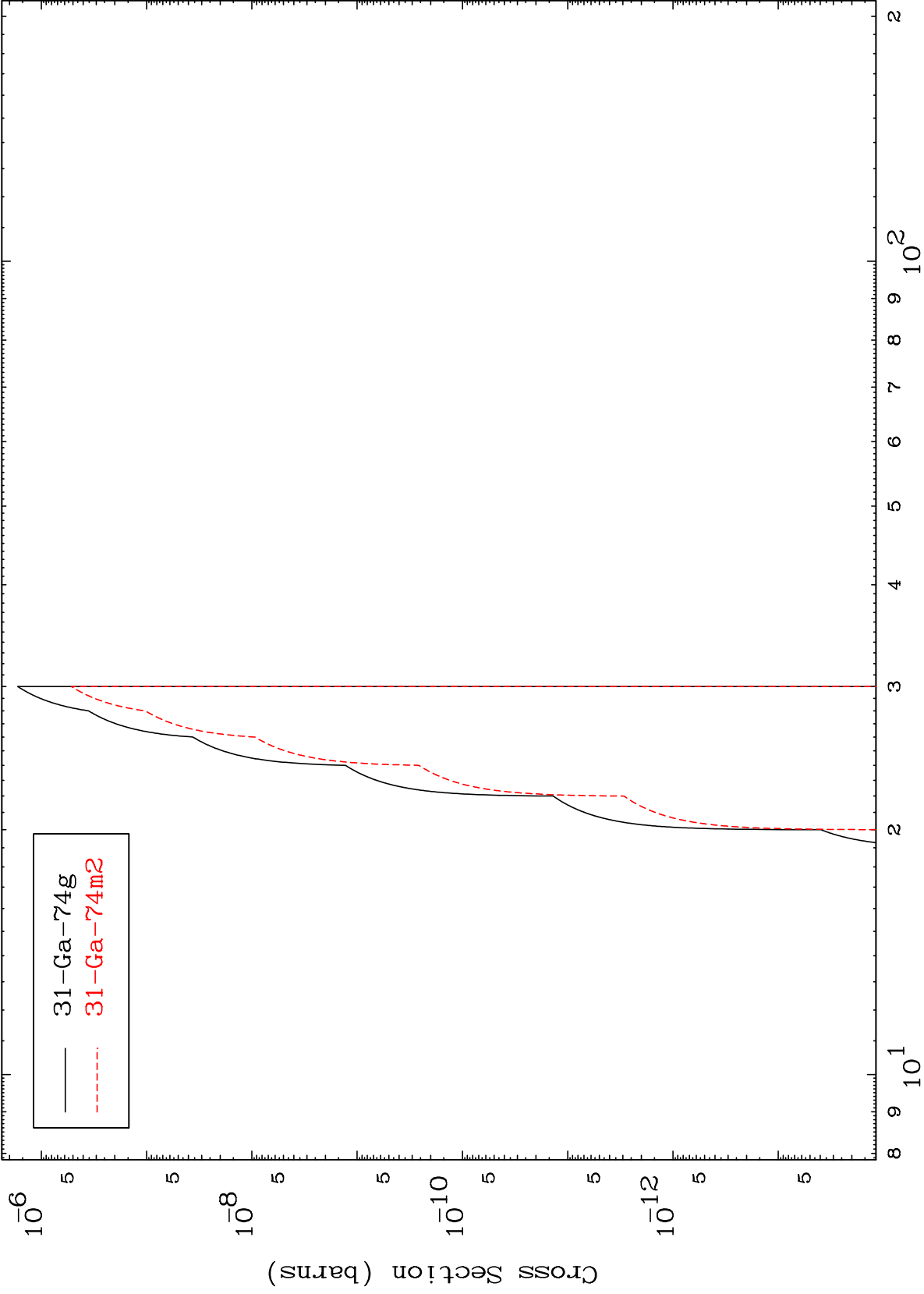
15

MAT 3447

(n,n') 2α

34-Se-81m

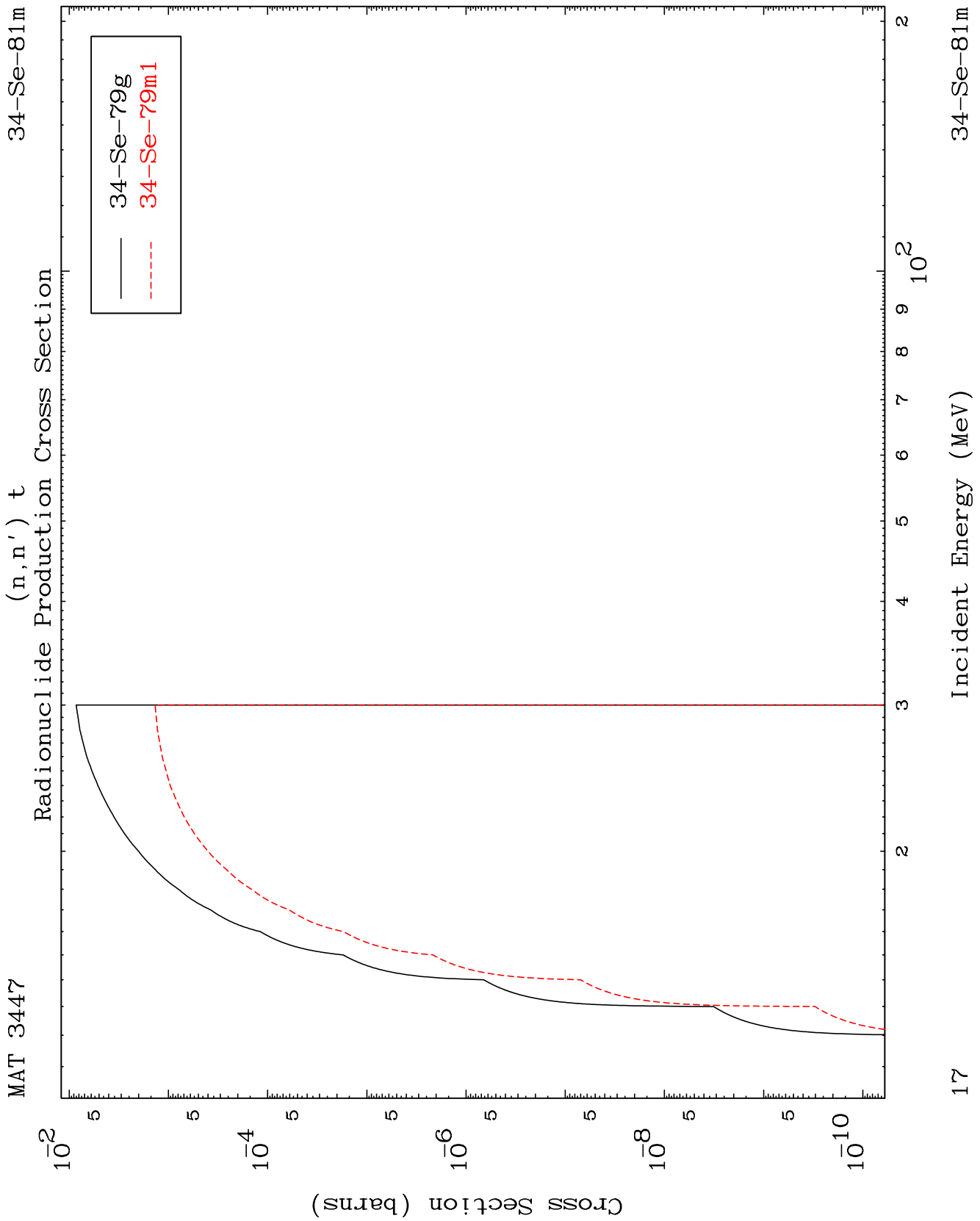
Radionuclide Production Cross Section



16

Incident Energy (MeV)

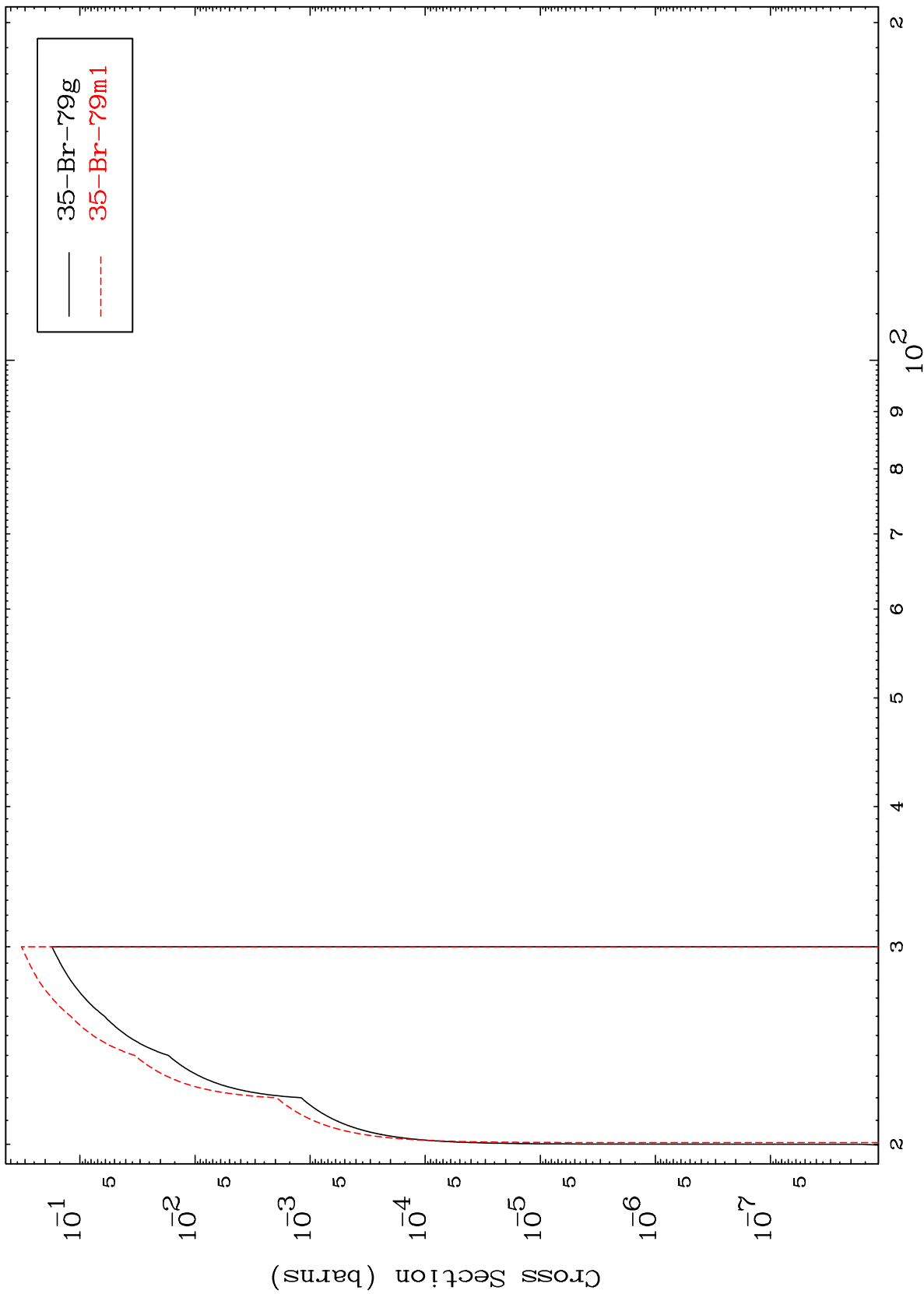
34-Se-81m



MAT 3447

34-^{Se}-81m

(n,4n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

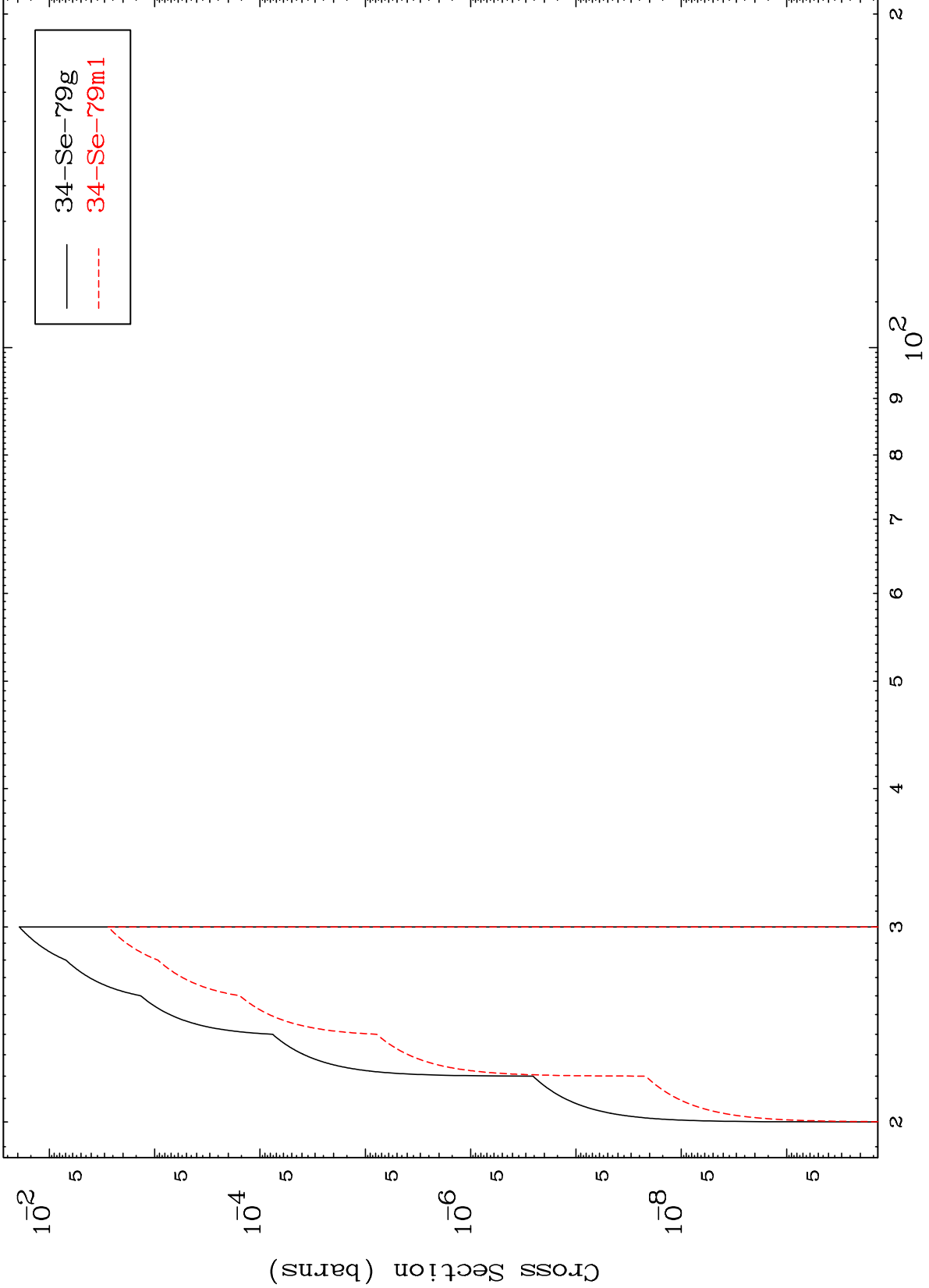
34-^{Se}-81m

MAT 3447

(n,3n) p

34-Se-81m

Radionuclide Production Cross Section



34-Se-79g
34-Se-79m1

19

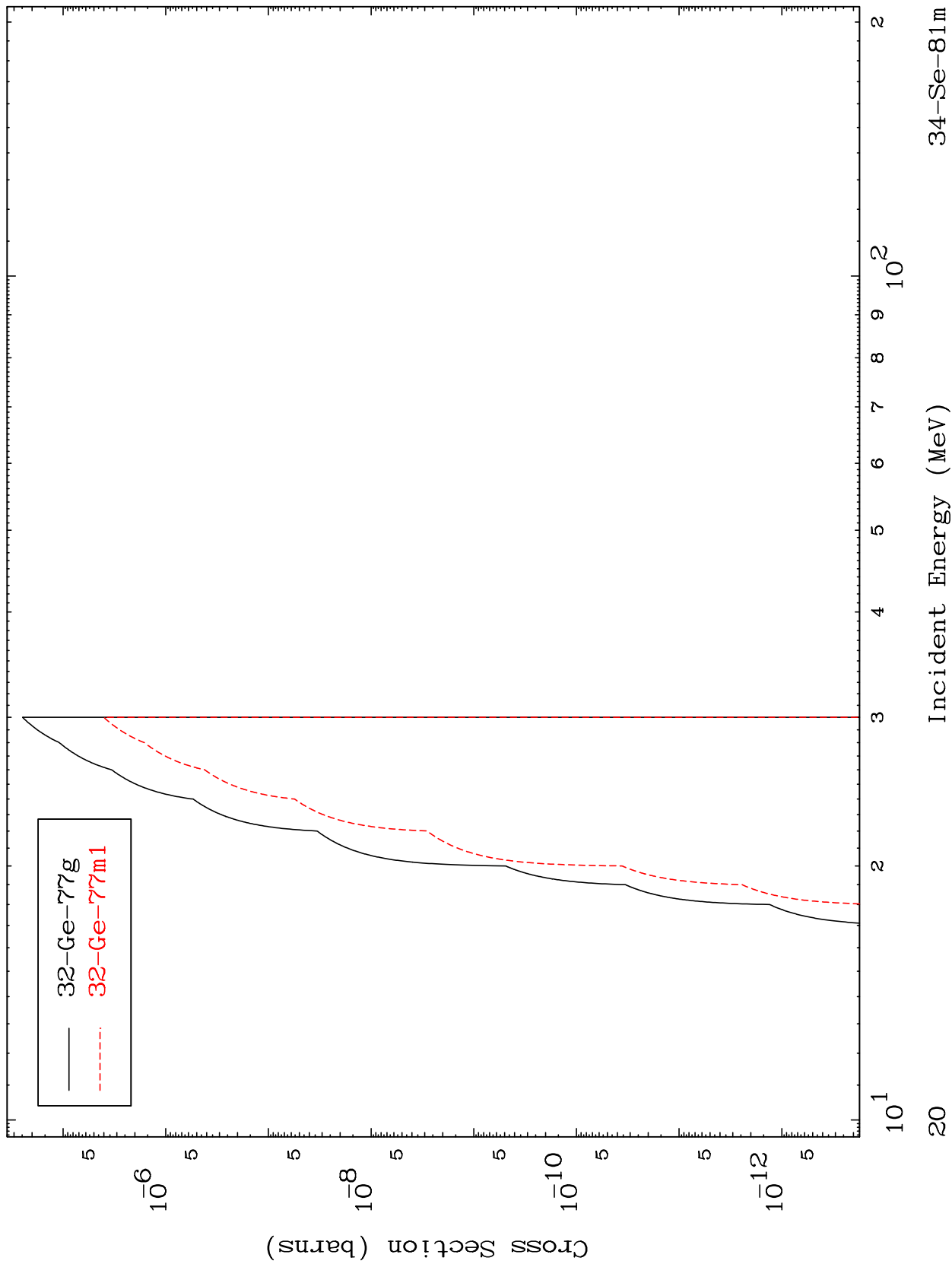
Incident Energy (MeV)

34-Se-81m

MAT 3447

34-^{Se}-81m

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



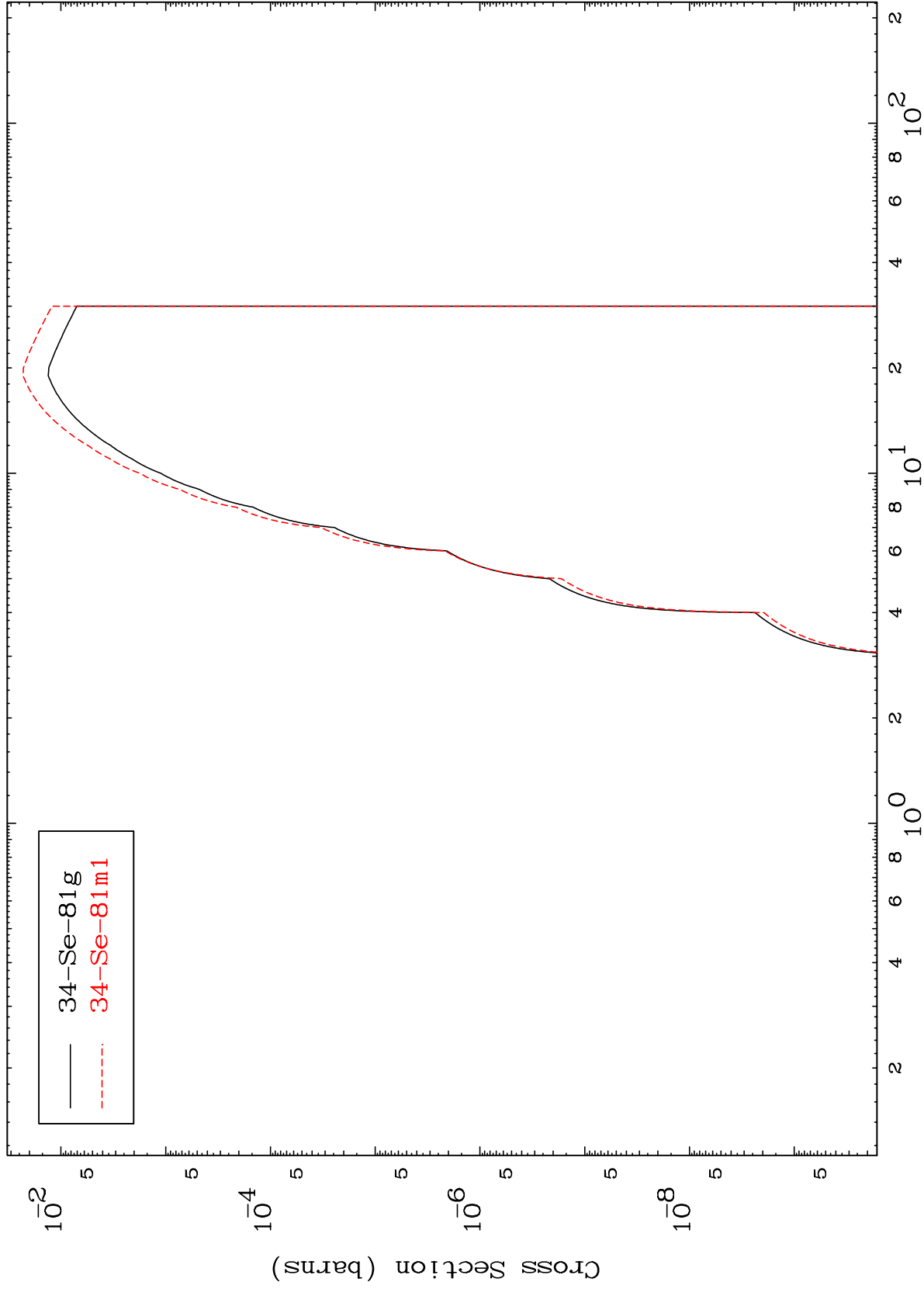
— 32-Ge-77g
- - - 32-Ge-77m1

MAT 3447

(n,d)

³⁴Se-81m

Radionuclide Production Cross Section

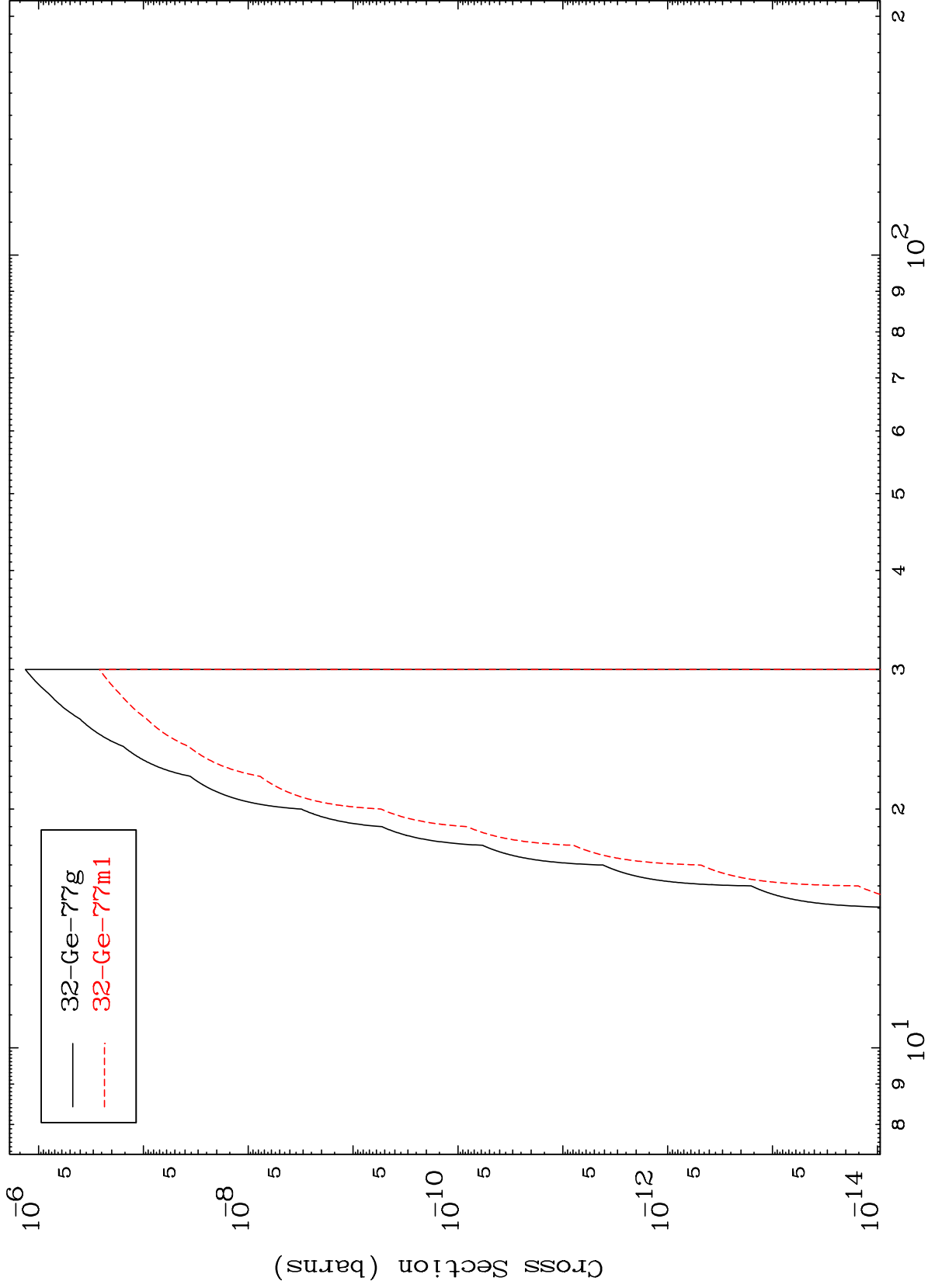


MAT 3447

(n,d) α

³⁴Se-⁸¹m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

³⁴Se-⁸¹m