

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

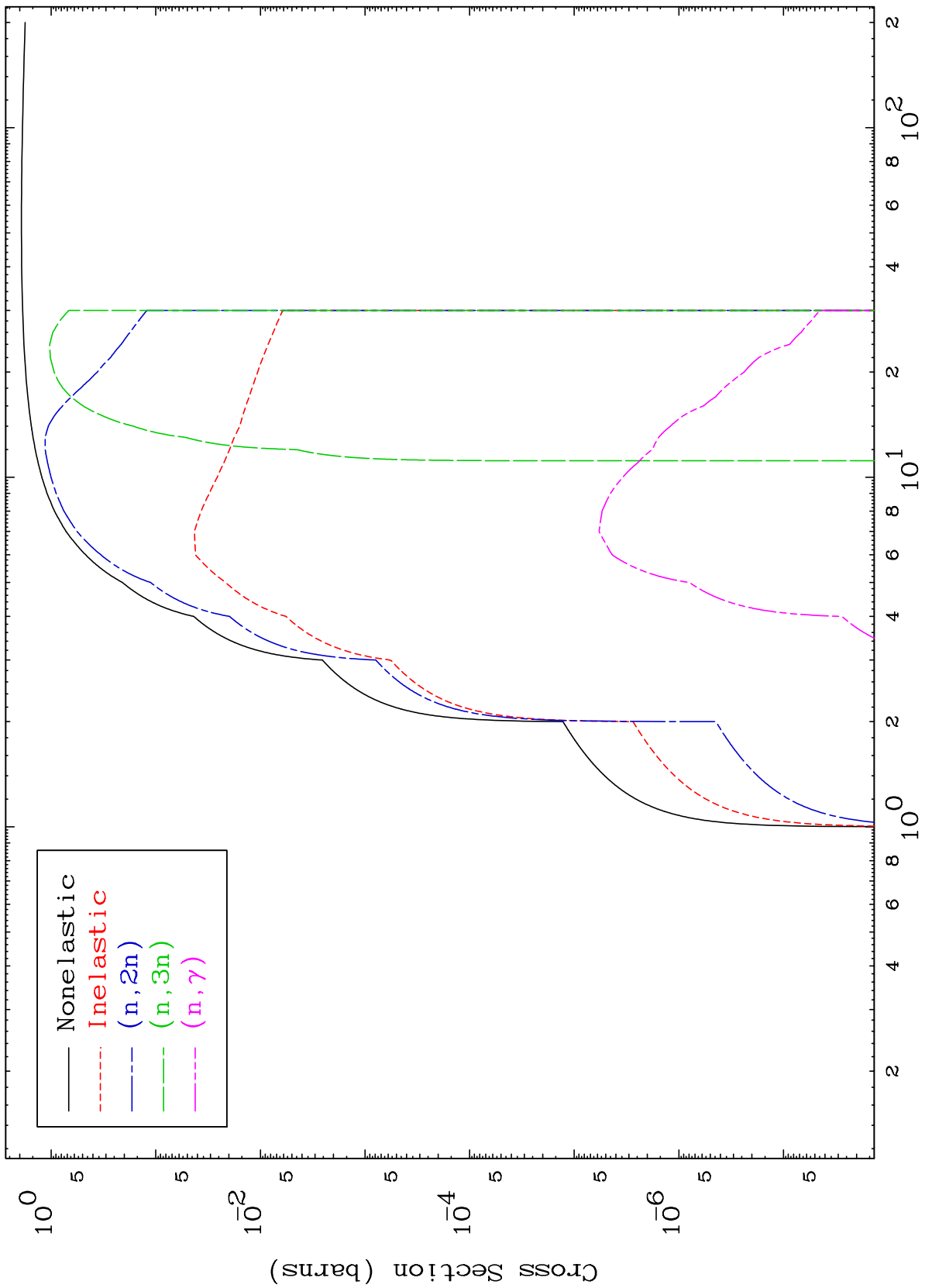
Tele: 925-443-1911

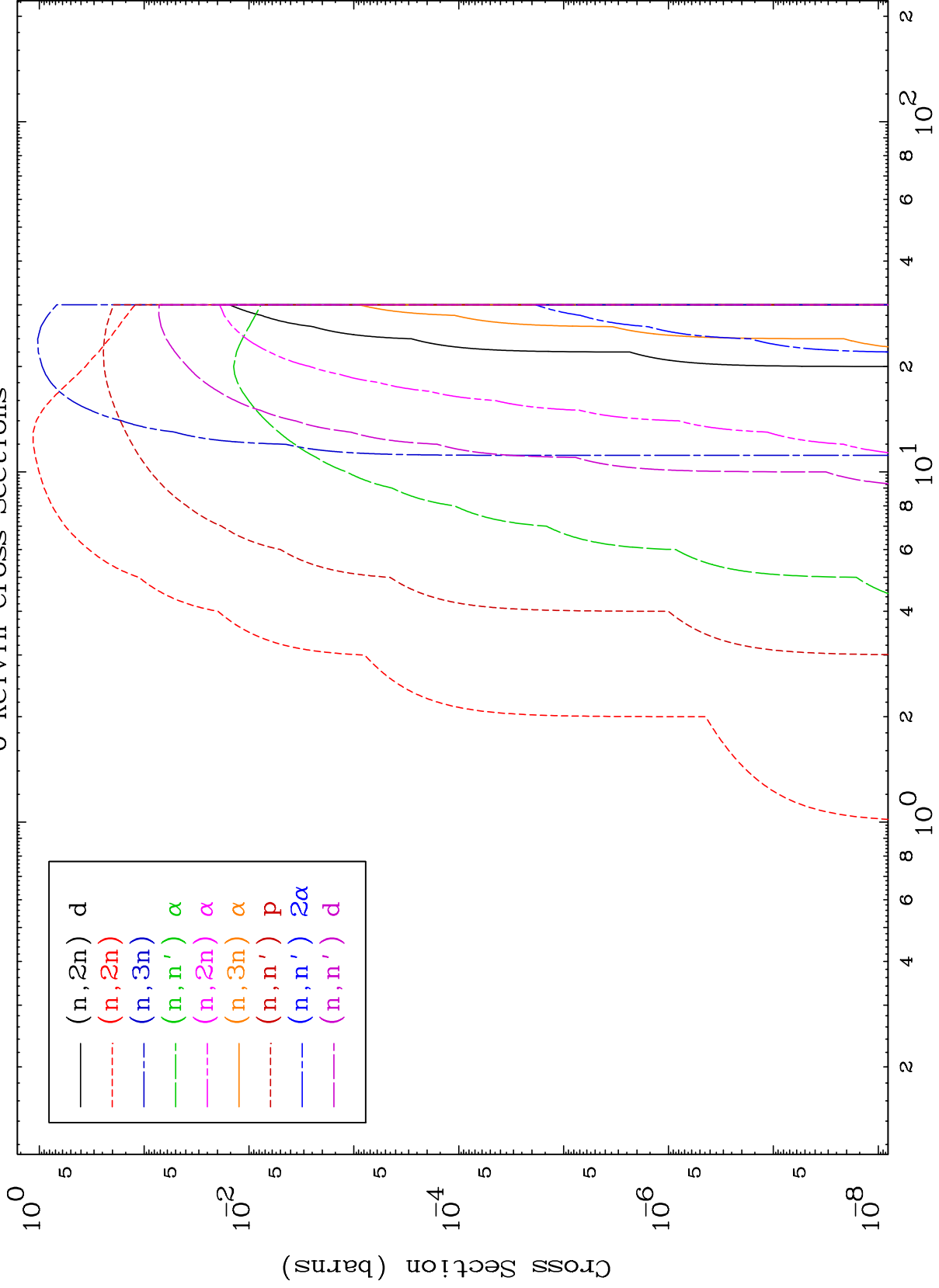
E.Mail:redcullen1@comcast.net

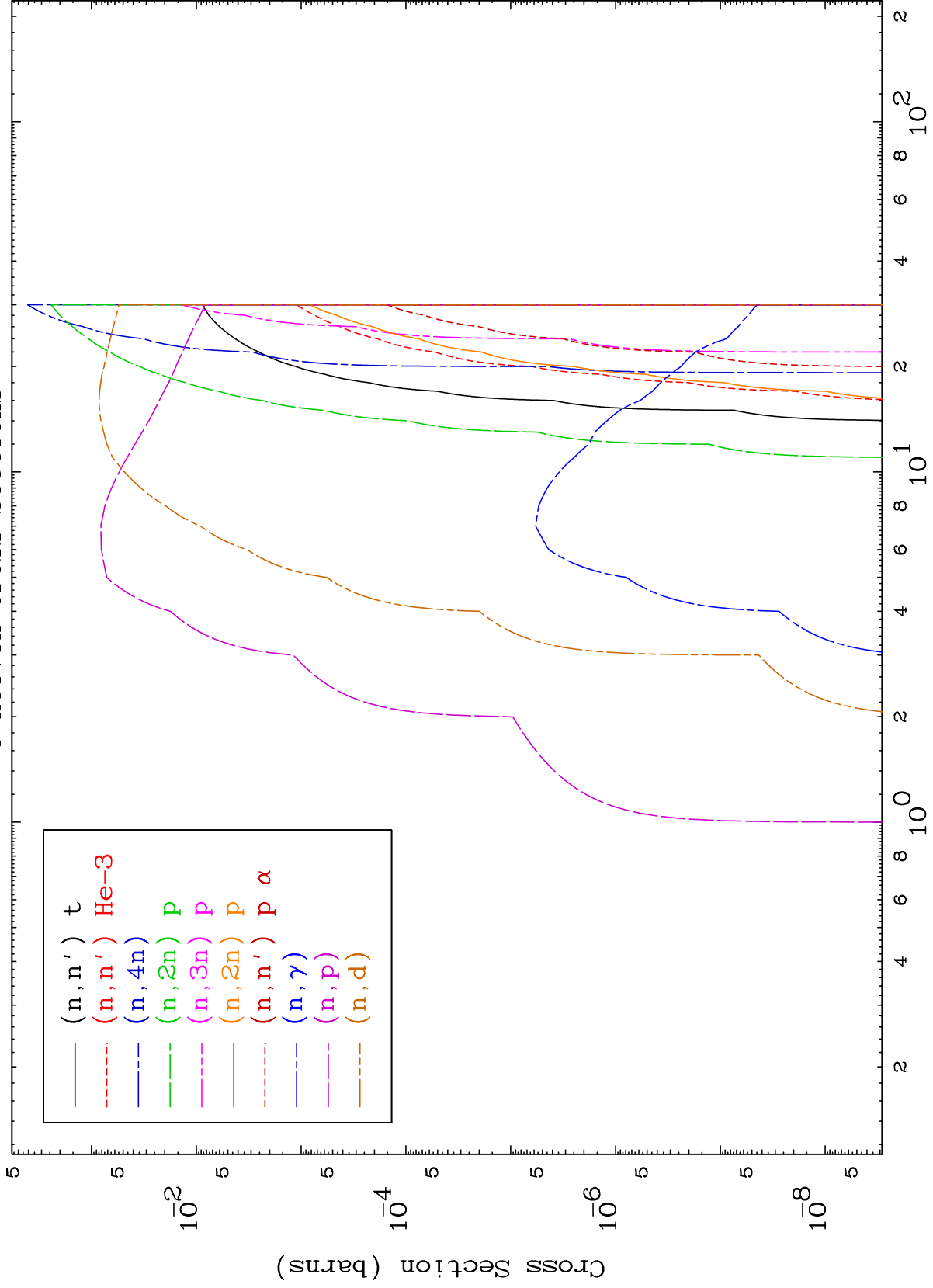
Web:redcullen1.net/HOMEPAGE.NEW

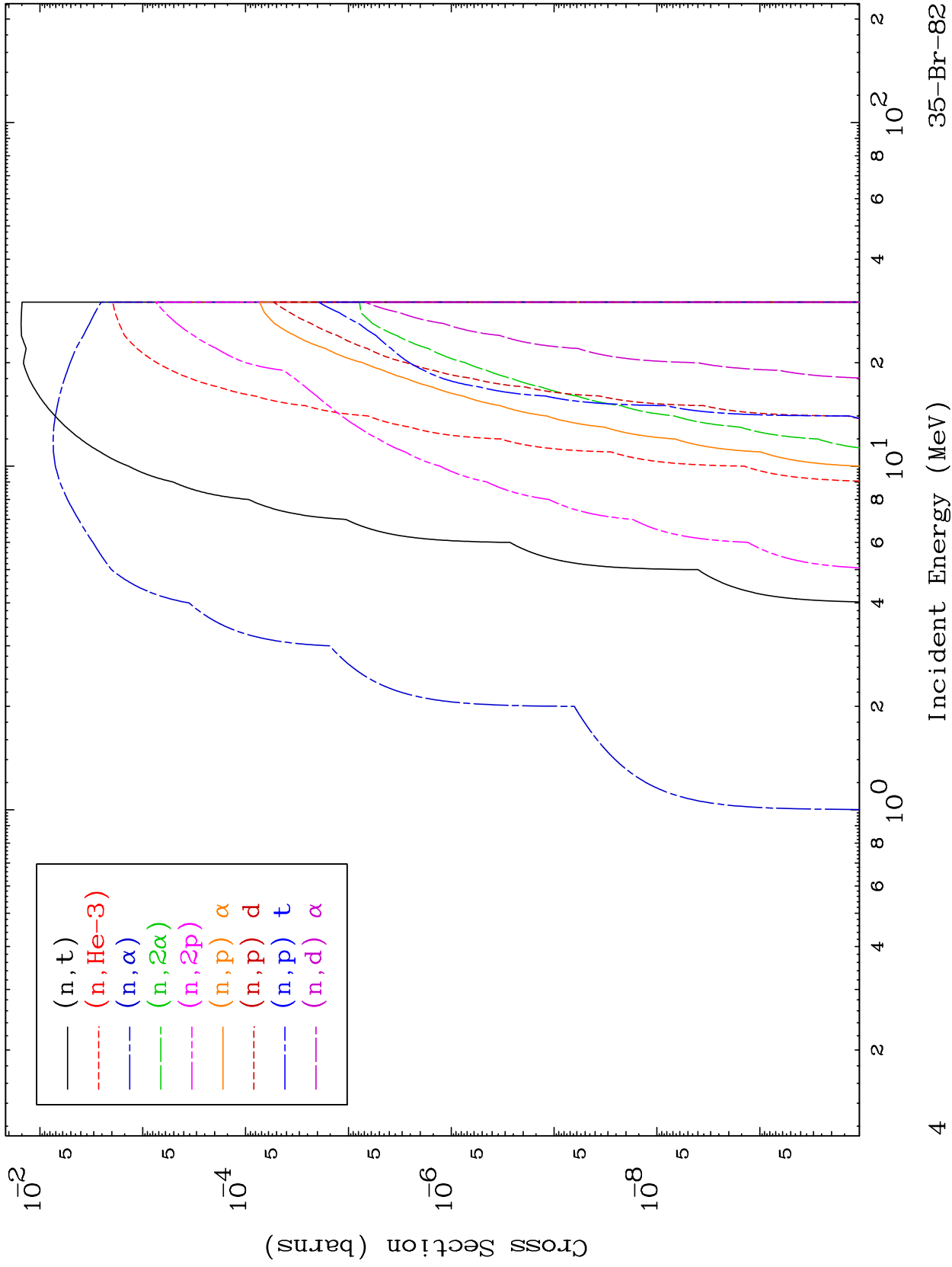
Press Mouse Button to Start

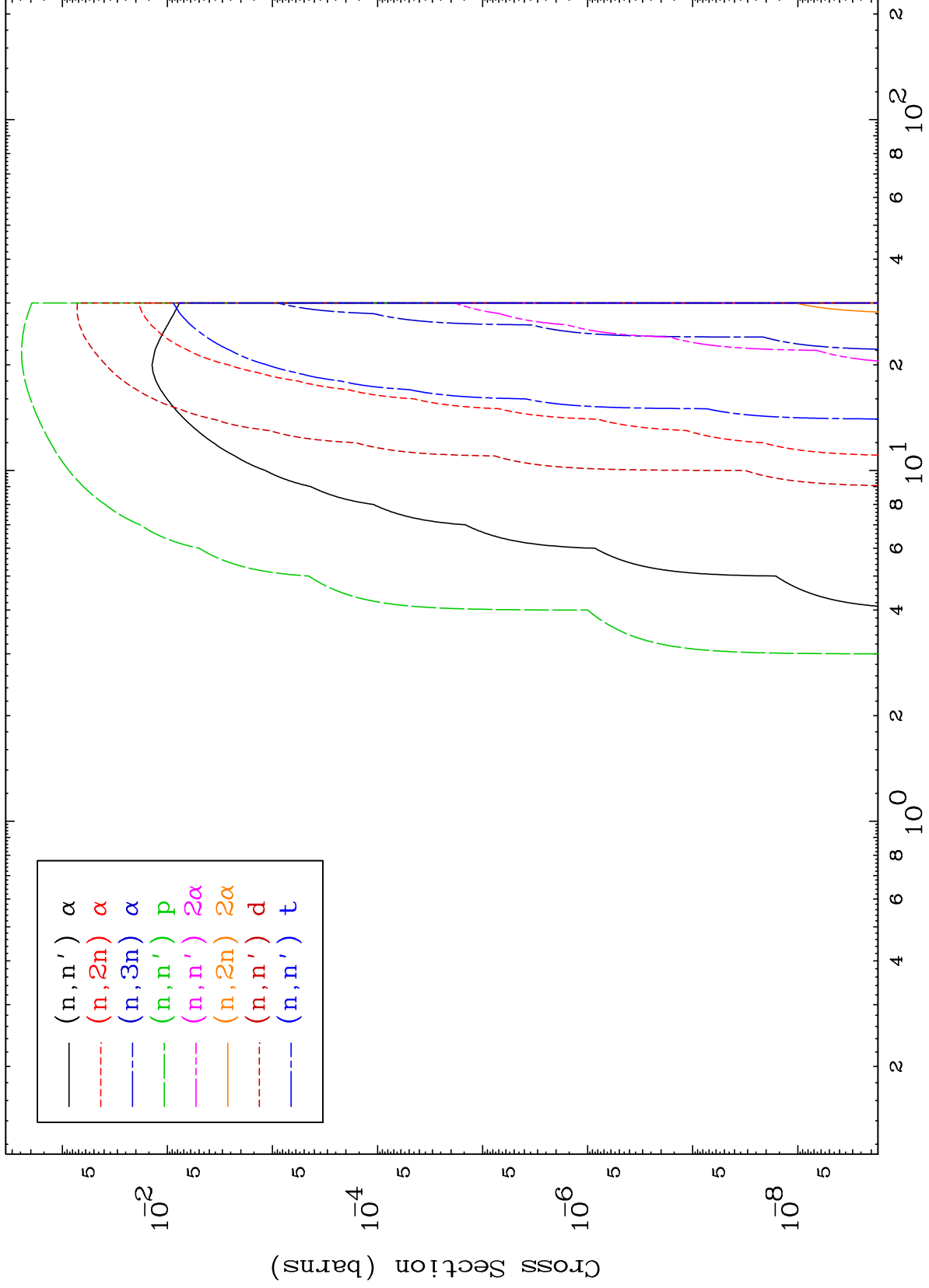
0 Kelvin Cross Sections

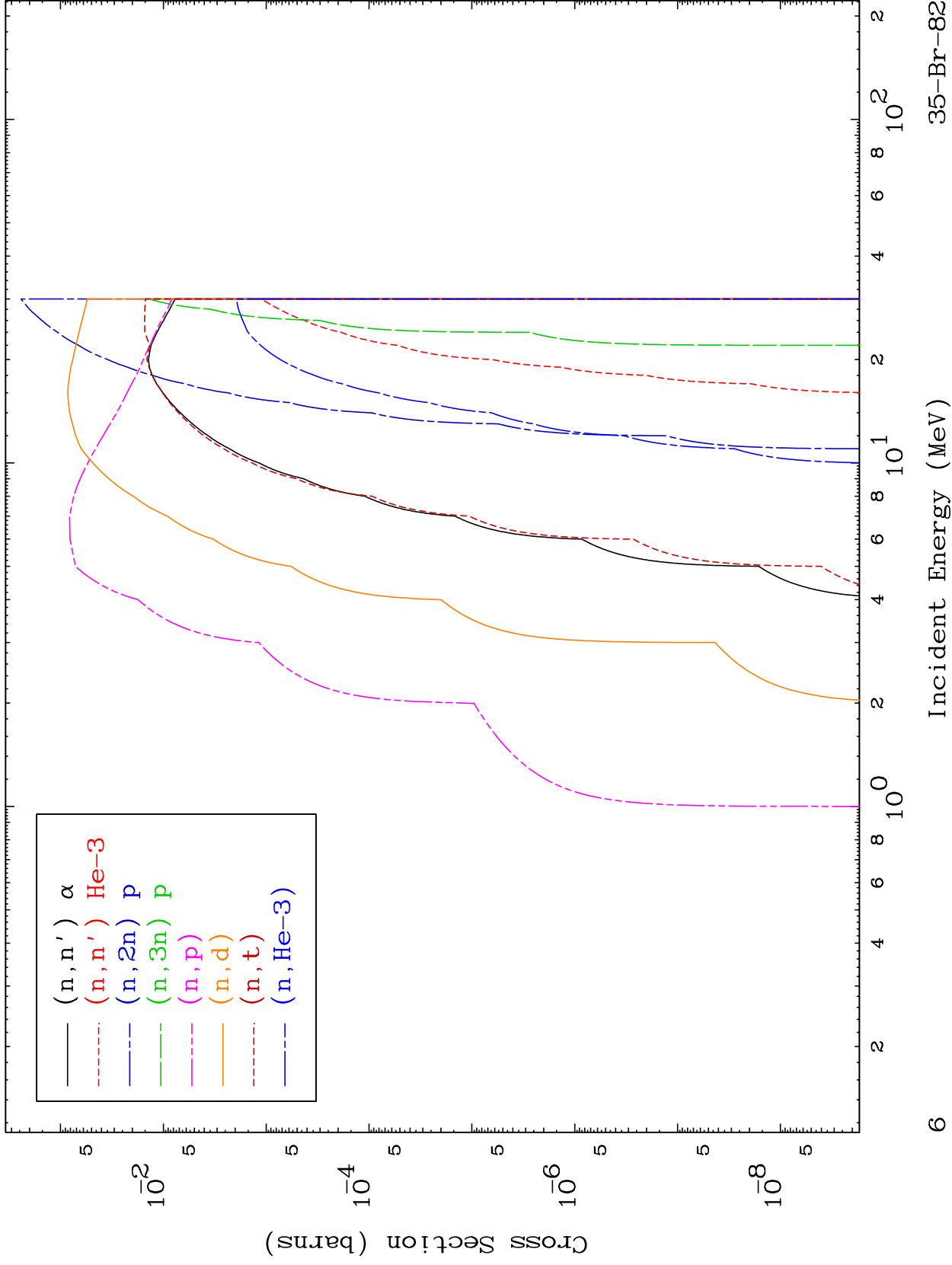








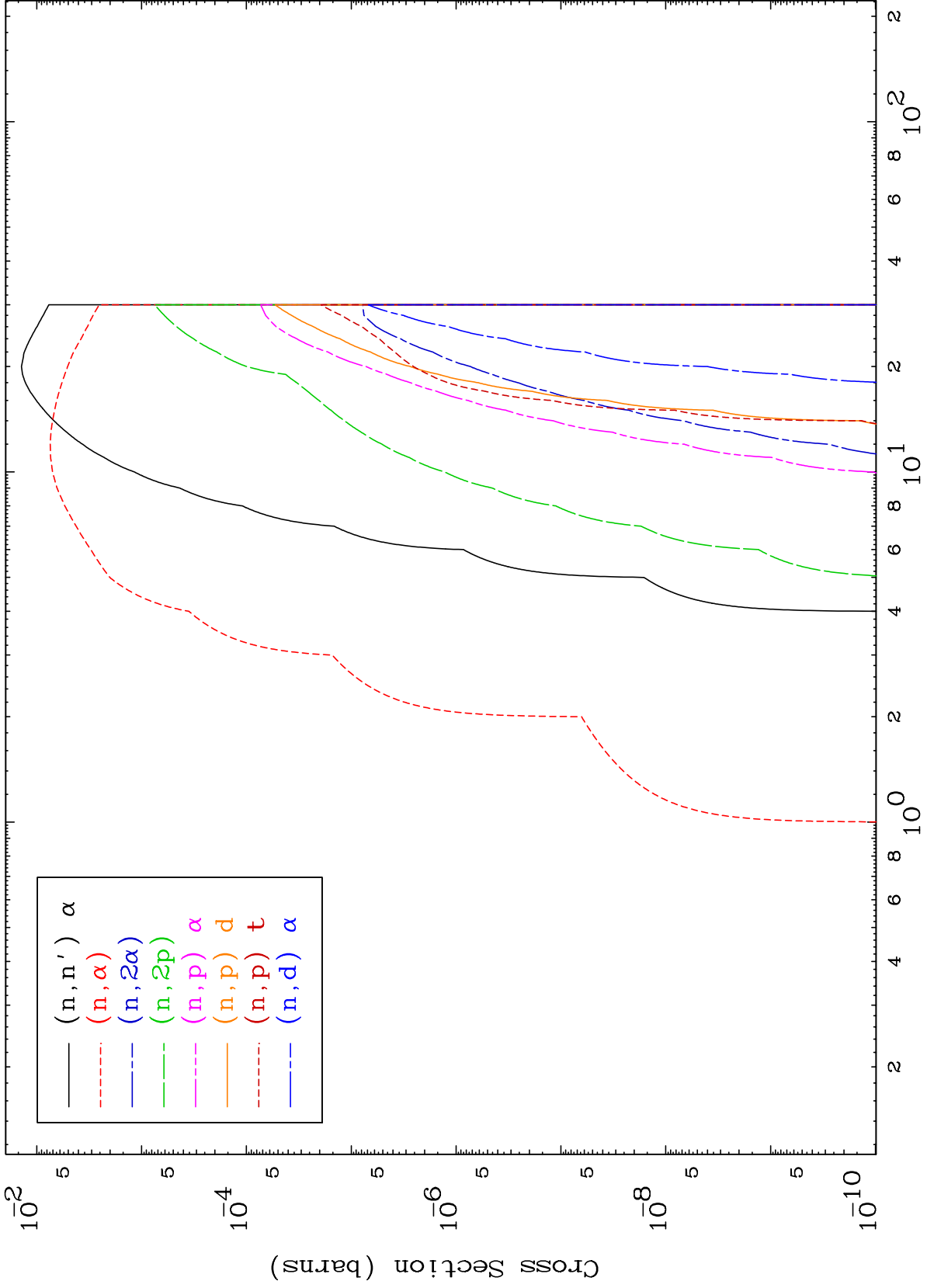




MAT 3534

Deuteron Charged Particle
0 Kelvin Cross Sections

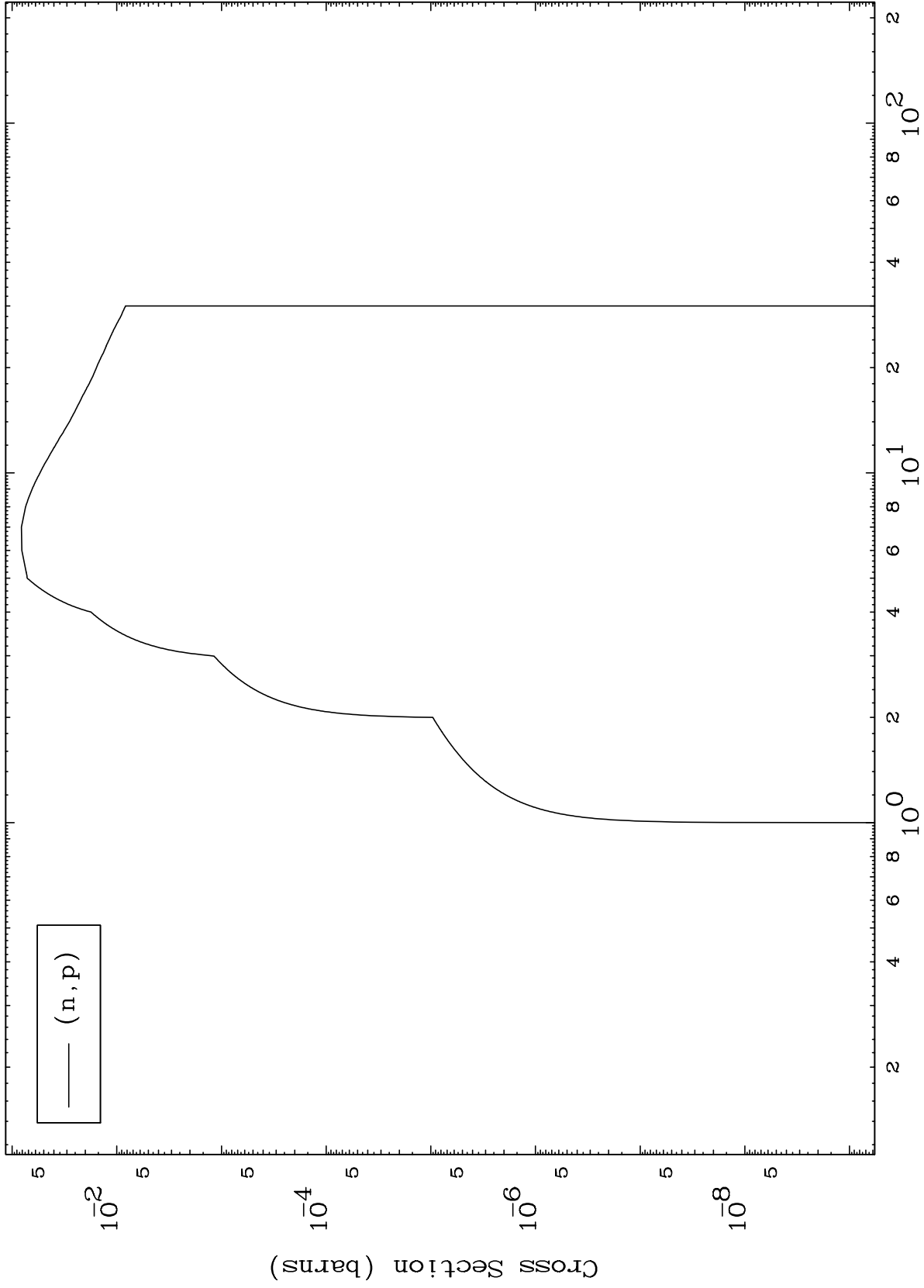
35-Br-82



MAT 3534

35-Br-82

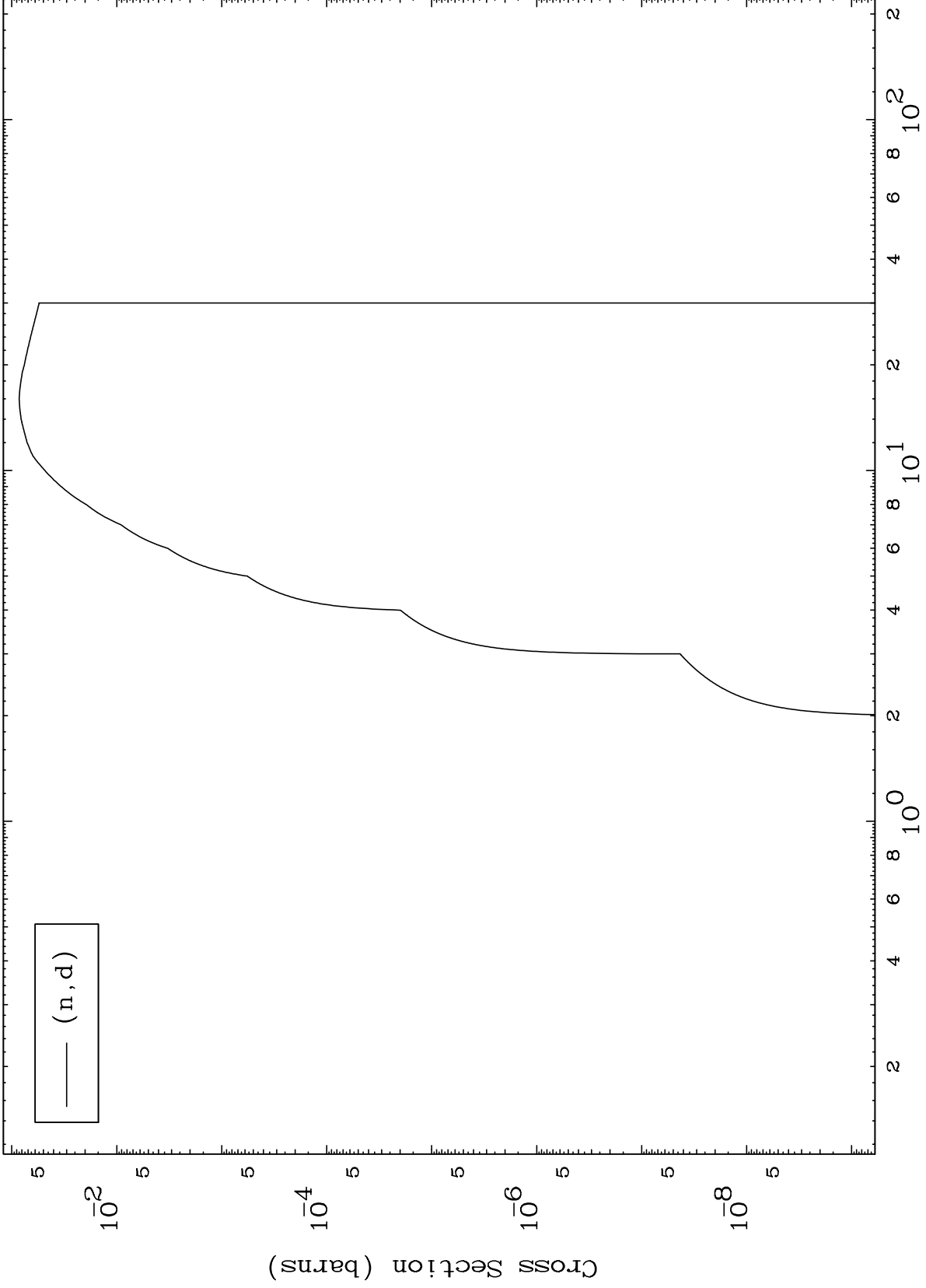
(d,p) Levels
0 Kelvin Cross Sections



MAT 3534

35-Br-82

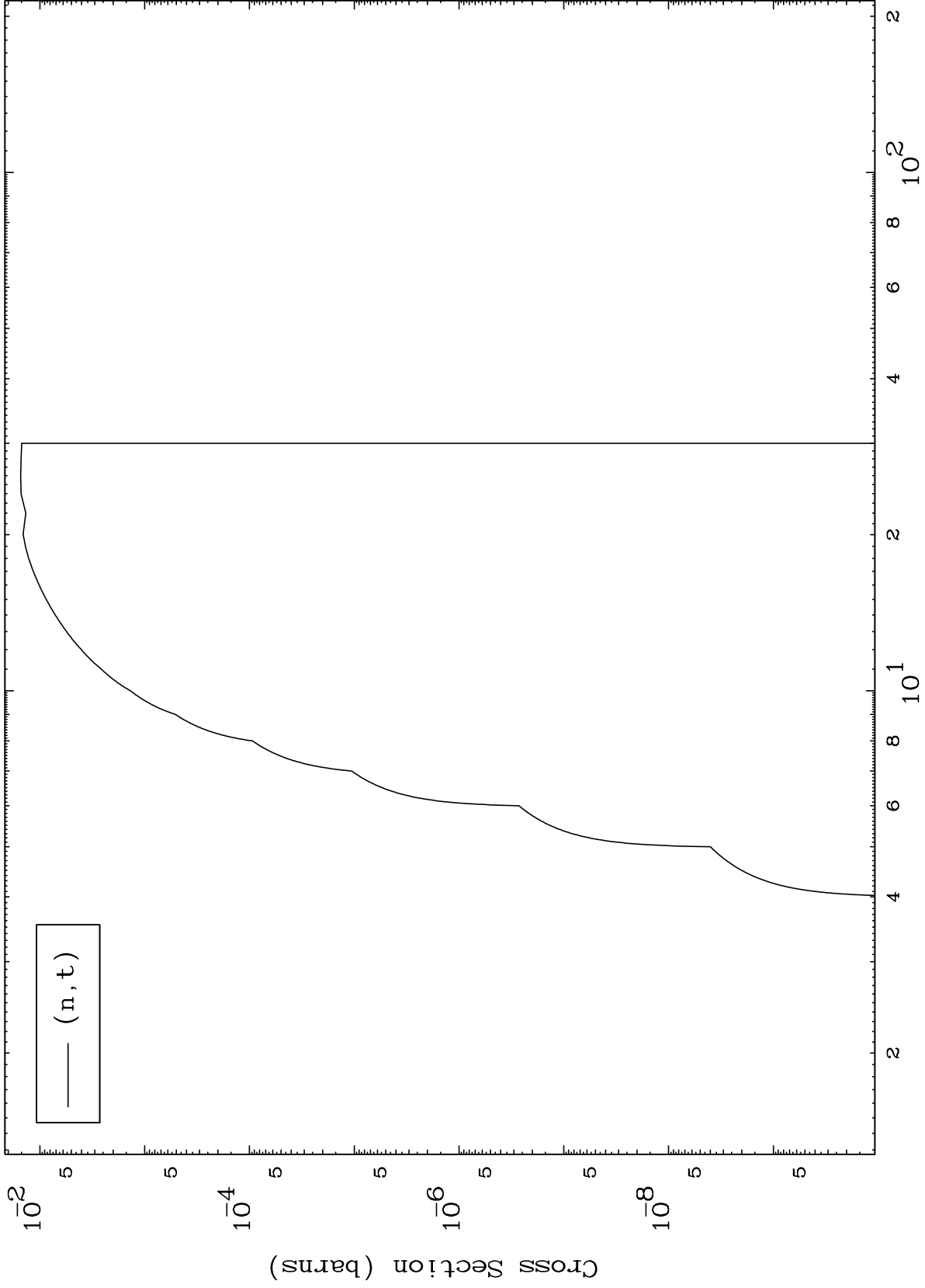
(d,d) Levels
0 Kelvin Cross Sections



MAT 3534

35-Br-82

(d,t) Levels
0 Kelvin Cross Sections

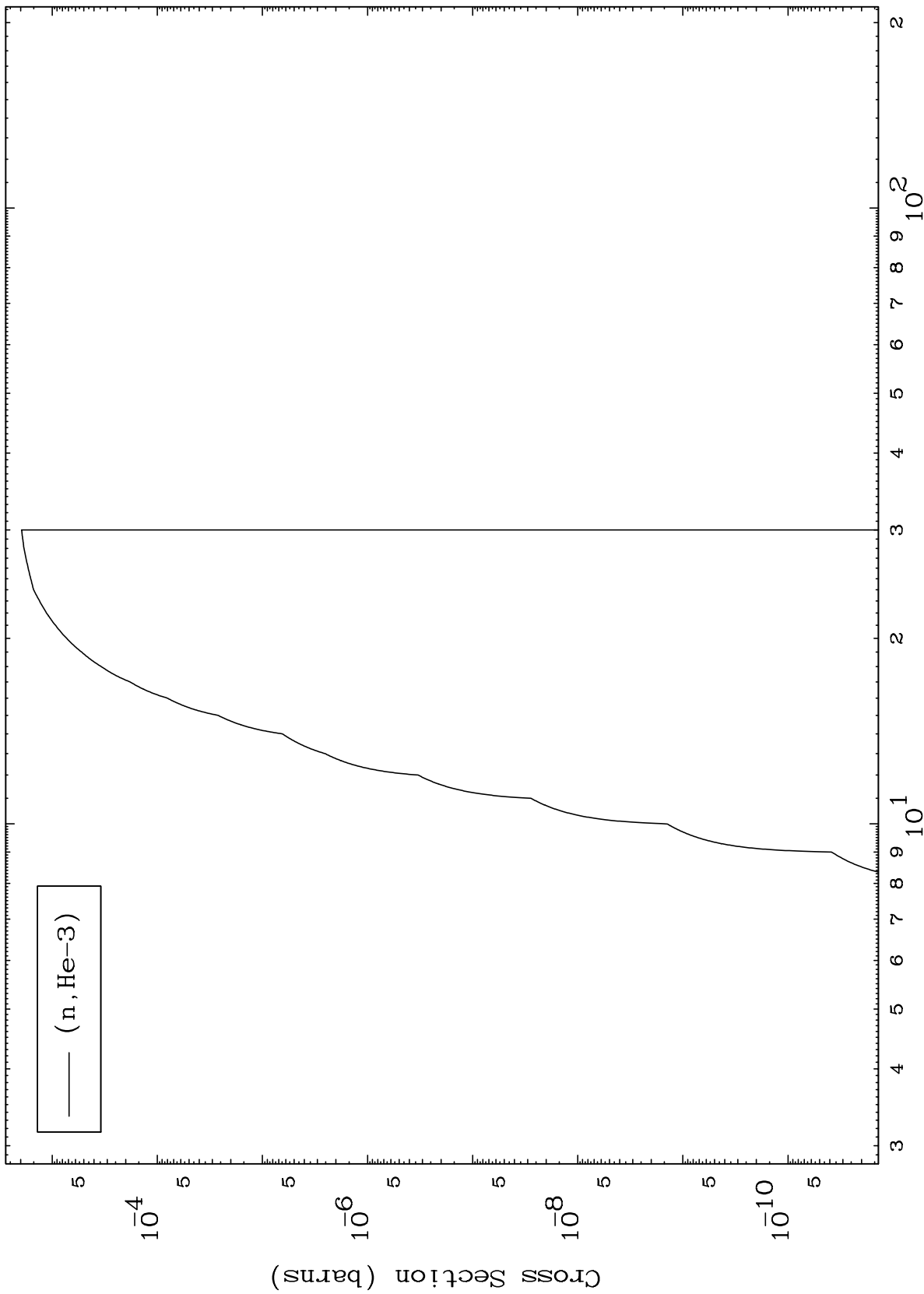


10

Incident Energy (MeV)

35-Br-82

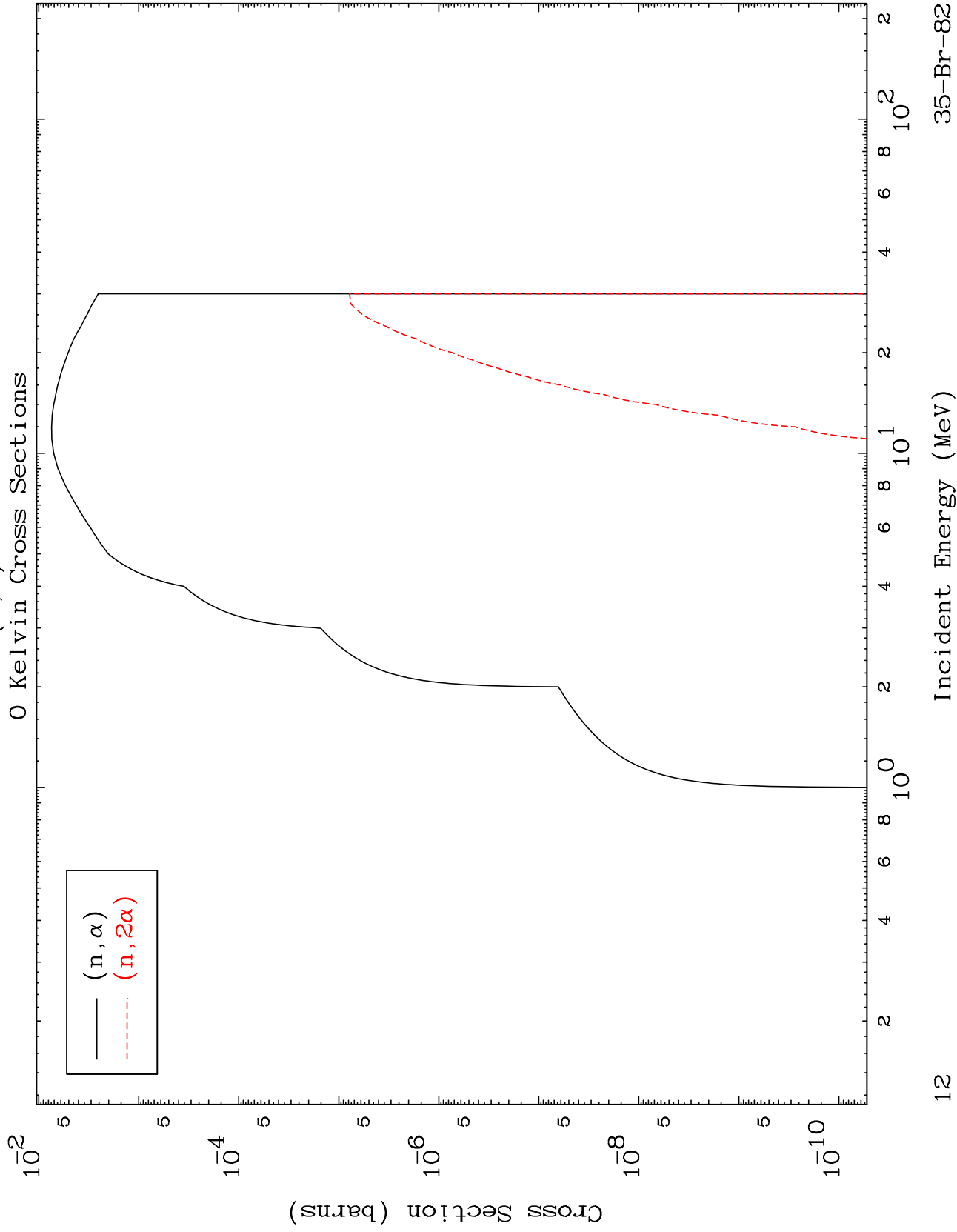
(d,He3) Levels
0 Kelvin Cross Sections



MAT 3534

(d, α) Levels

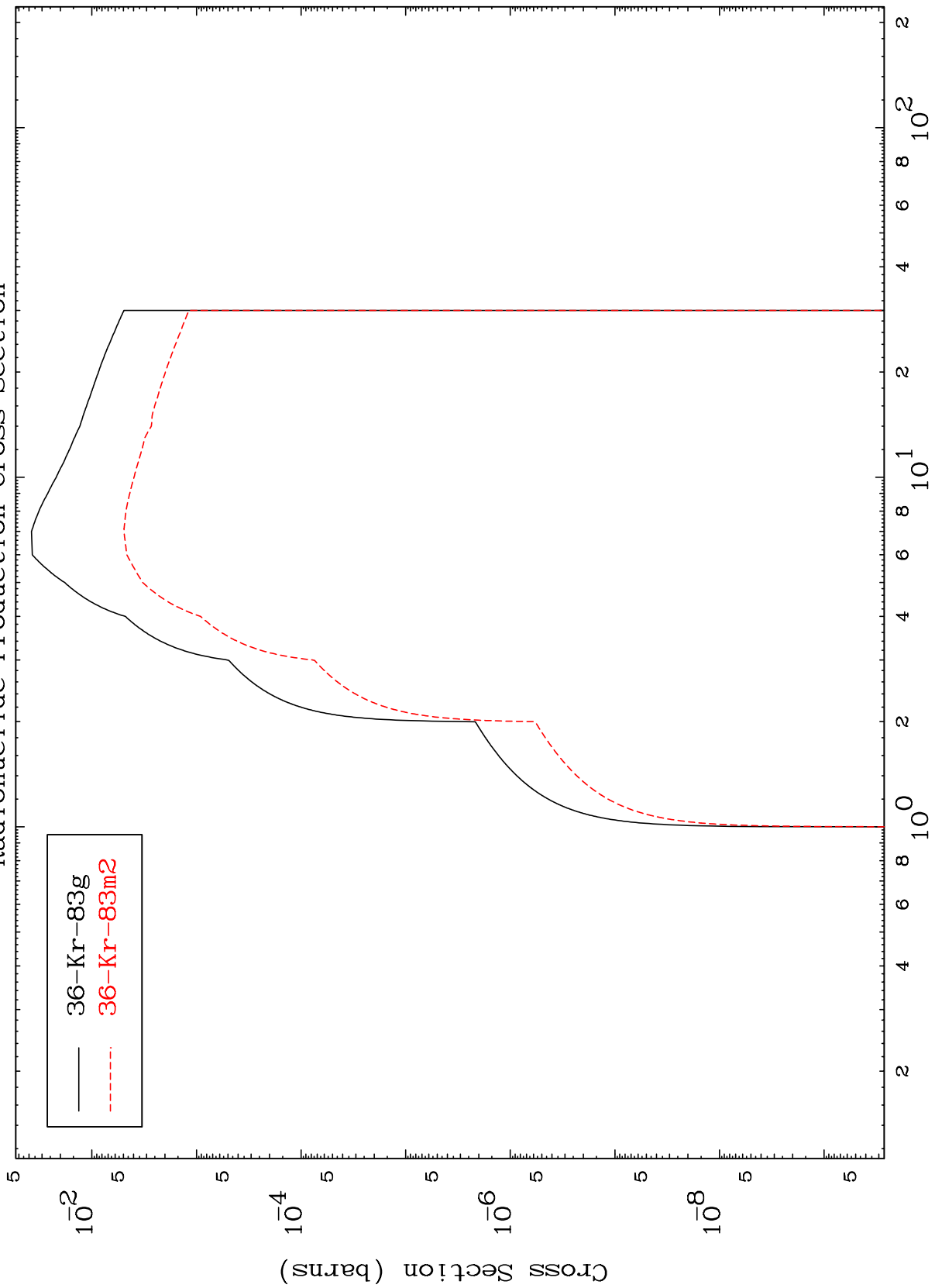
$^{35}\text{Br-82}$



MAT 3534

35-Br-82

Inelastic
Radionuclide Production Cross Section



— 36-Kr-83g
- - - 36-Kr-83m2

35-Br-82

Incident Energy (MeV)

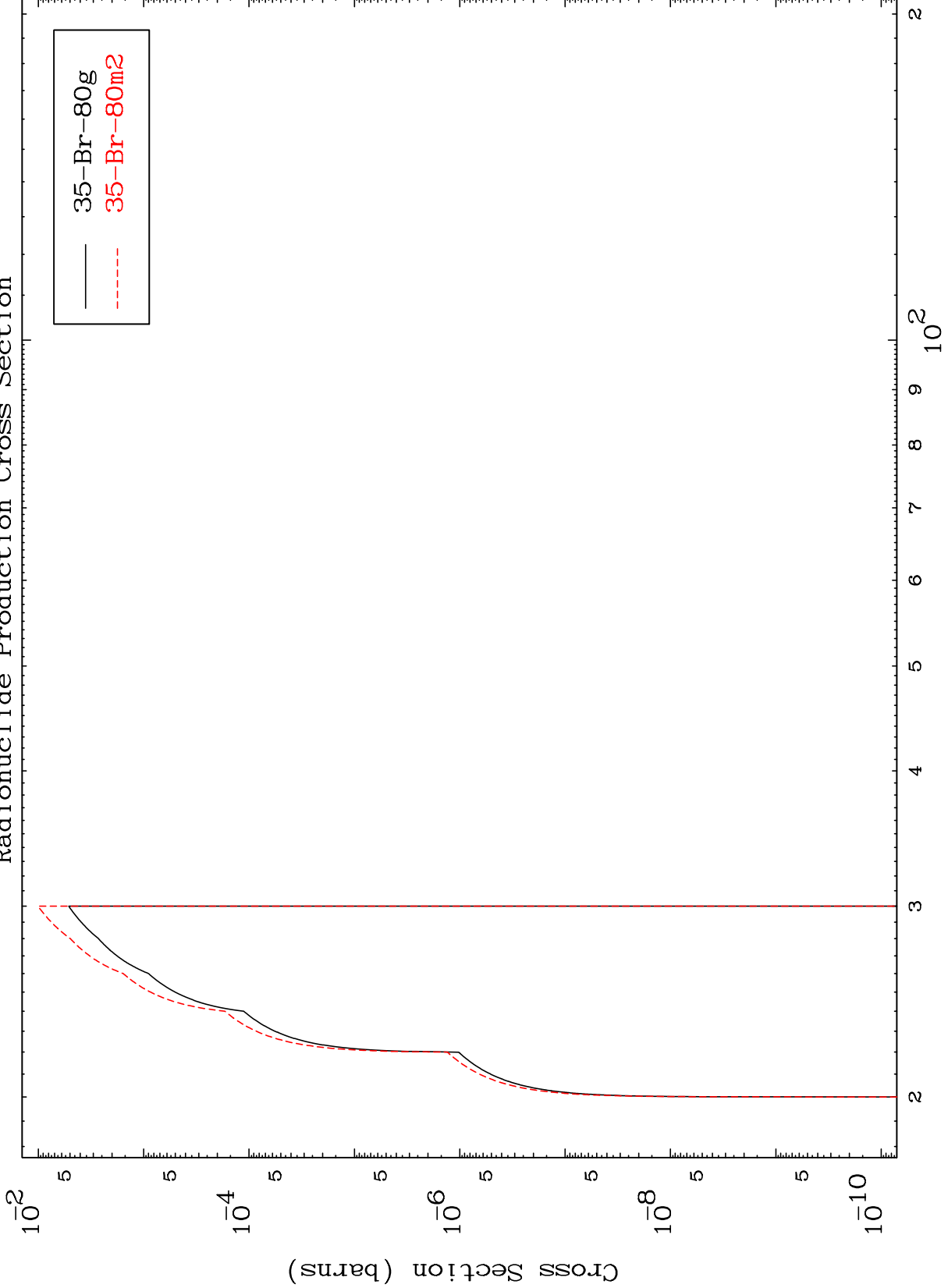
13

MAT 3534

(n,2n) d

35-Br-82

Radionuclide Production Cross Section



35-Br-80g
35-Br-80m2

14

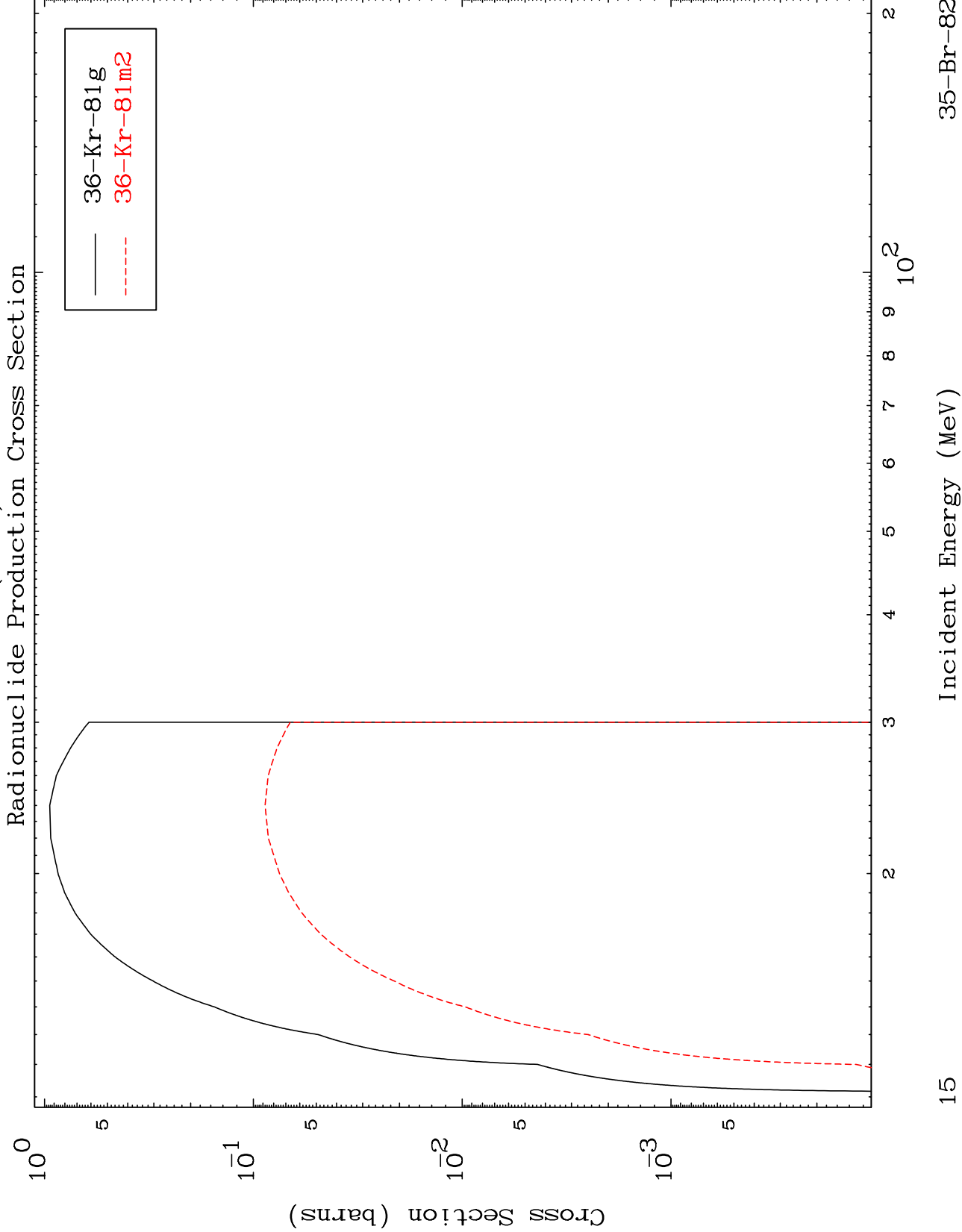
Incident Energy (MeV)

35-Br-82

MAT 3534

(n,3n)

35-Br-82



15

Incident Energy (MeV)

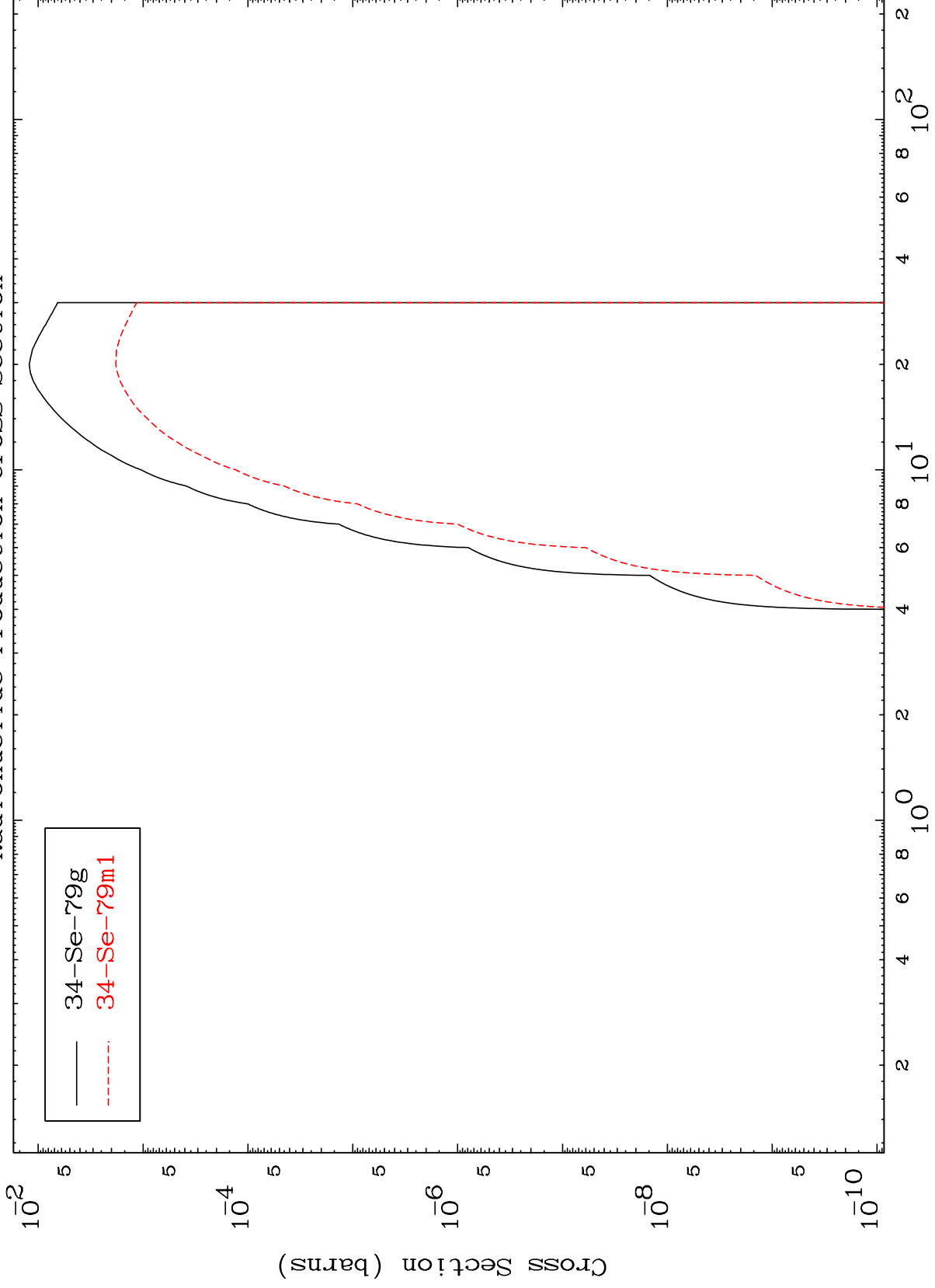
35-Br-82

MAT 3534

(n,n') α

35-Br-82

Radionuclide Production Cross Section



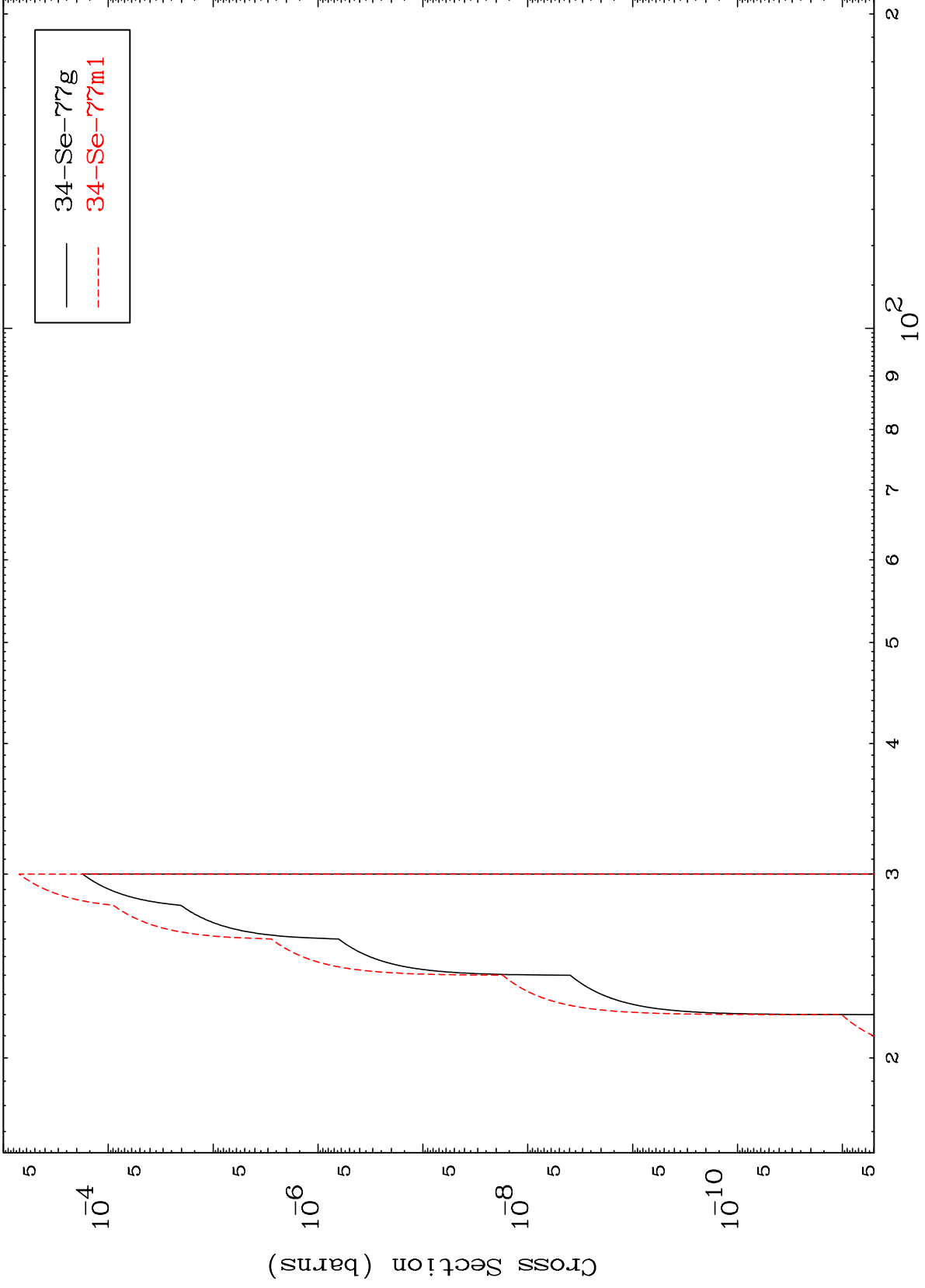
— 34-Se-79g
- - - 34-Se-79m1

MAT 3534

(n,3n) α

35-Br-82

Radionuclide Production Cross Section



17

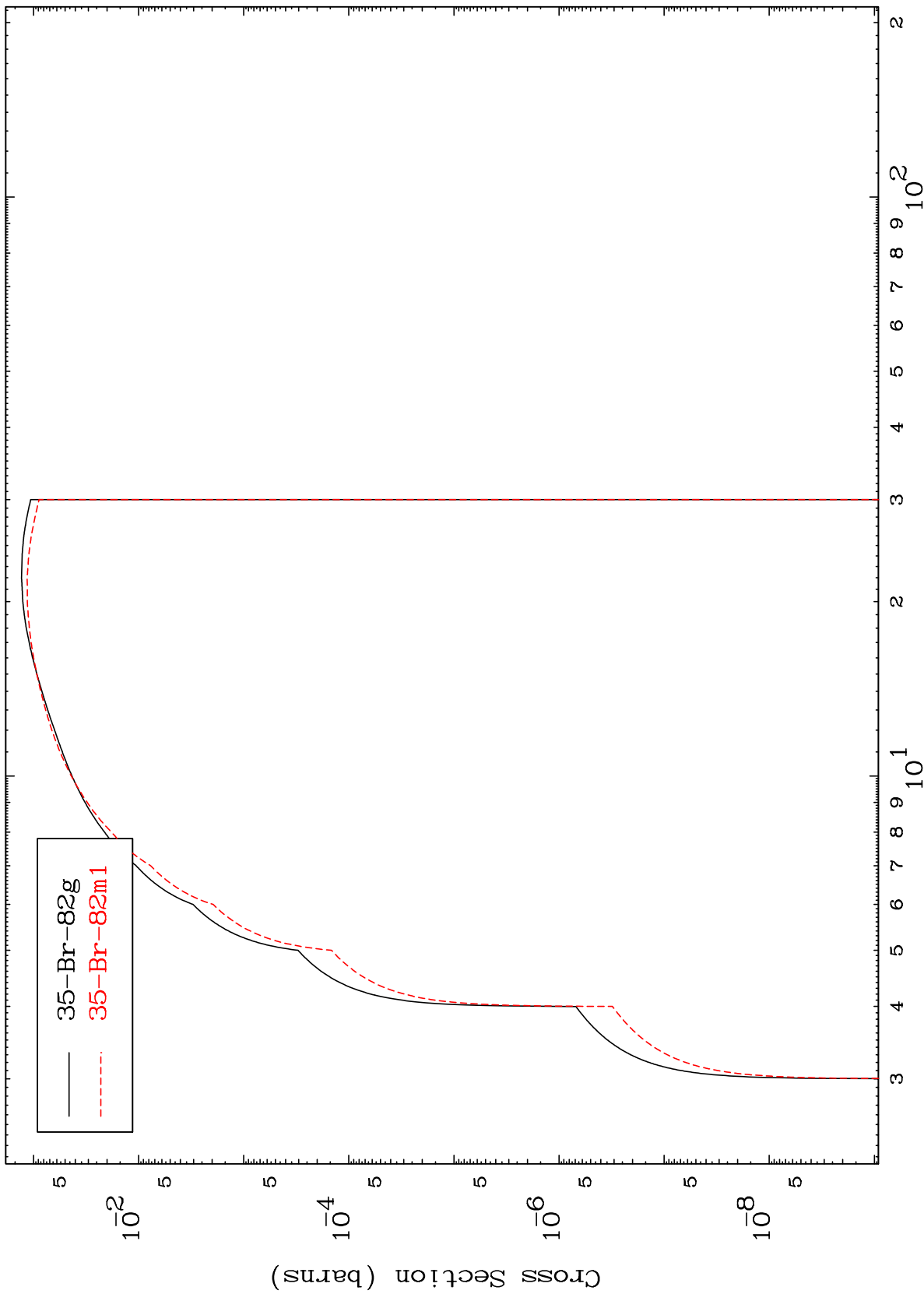
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

(n,n') p
Radionuclide Production Cross Section



18

35-Br-82

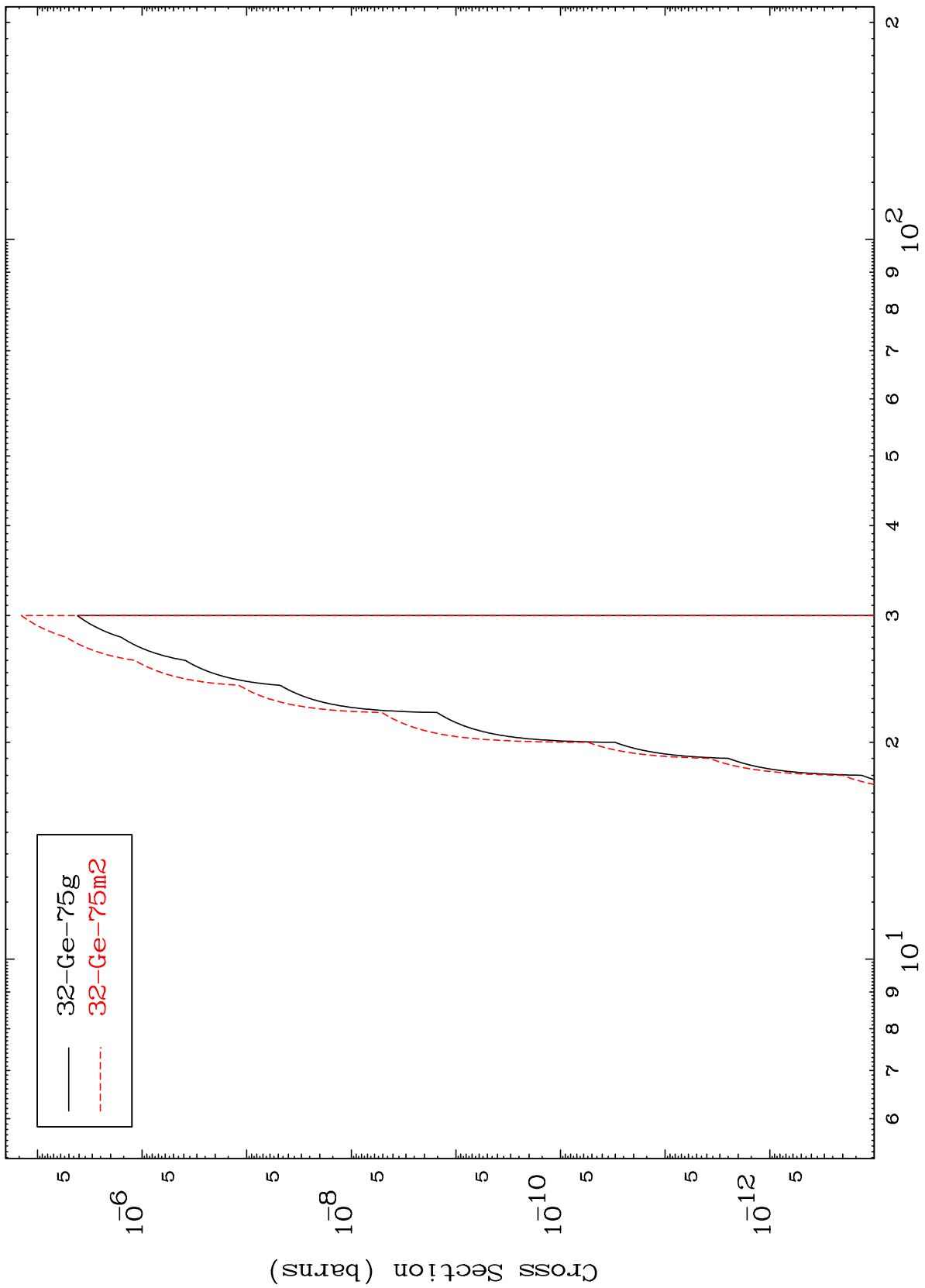
Incident Energy (MeV)

MAT 3534

35-Br-82

(n,n') 2α

Radionuclide Production Cross Section



— 32-Ge-75g
- - - 32-Ge-75m2

19

Incident Energy (MeV)

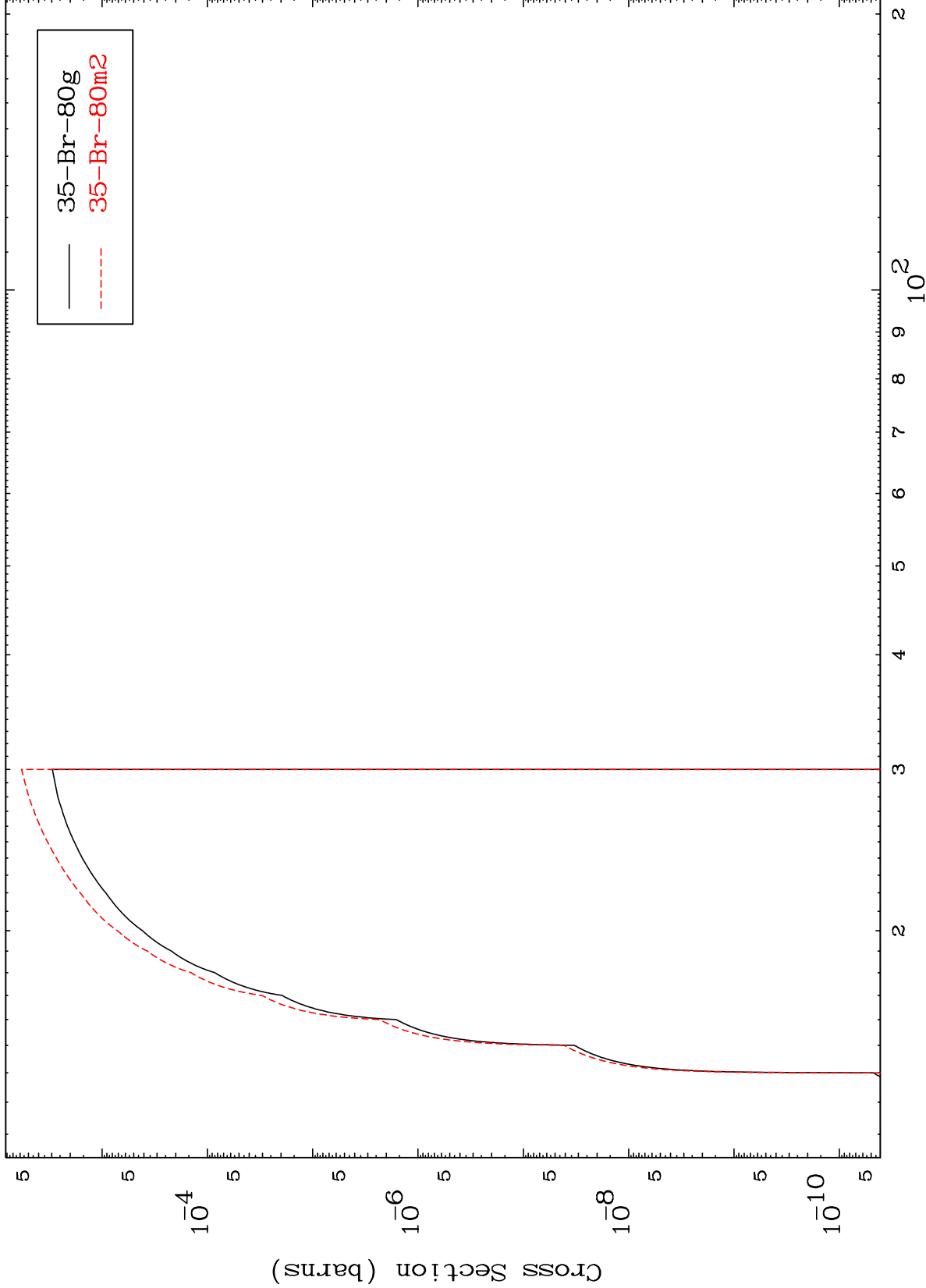
35-Br-82

MAT 3534

(n,n') t

35-Br-82

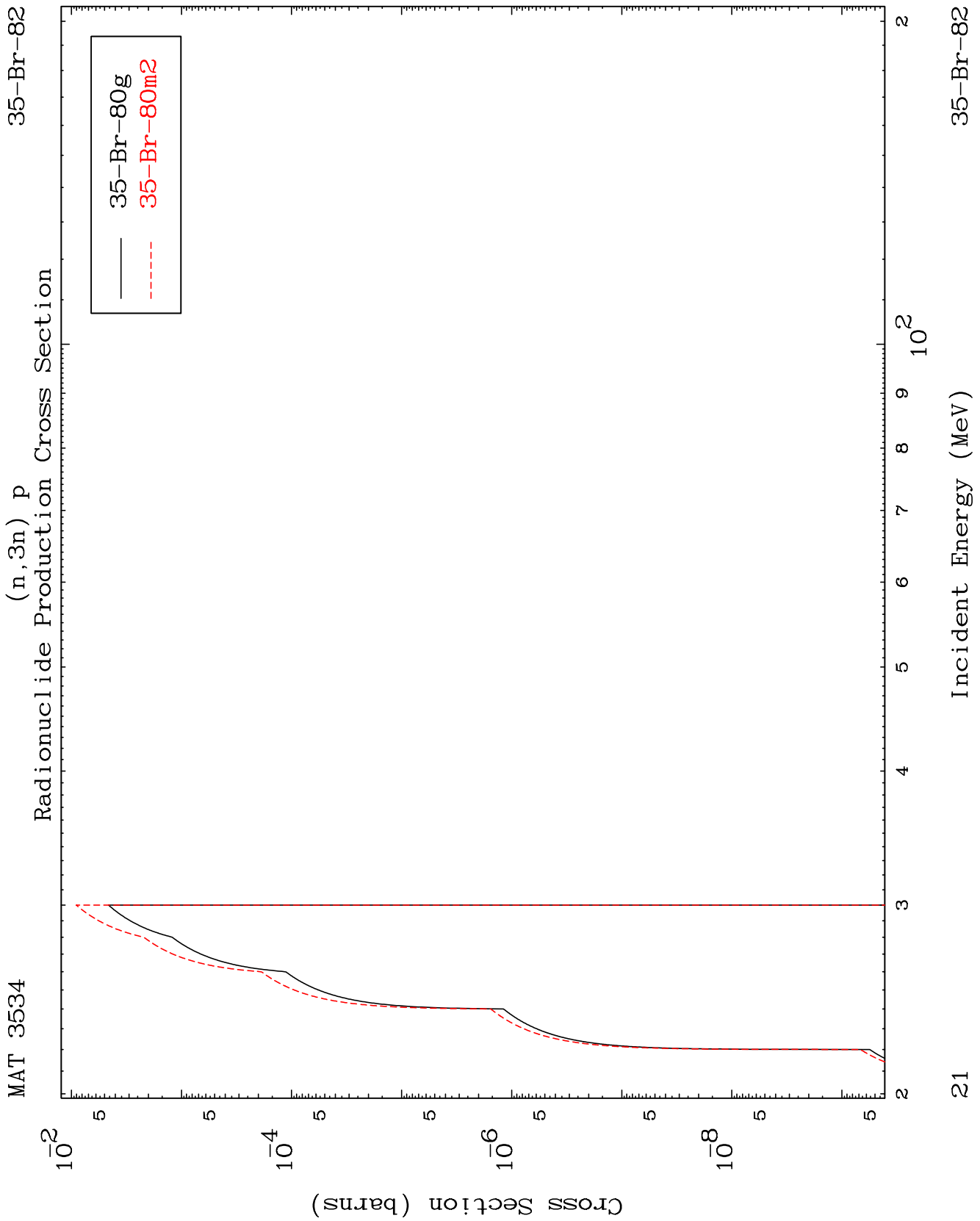
Radionuclide Production Cross Section



20

Incident Energy (MeV)

35-Br-82

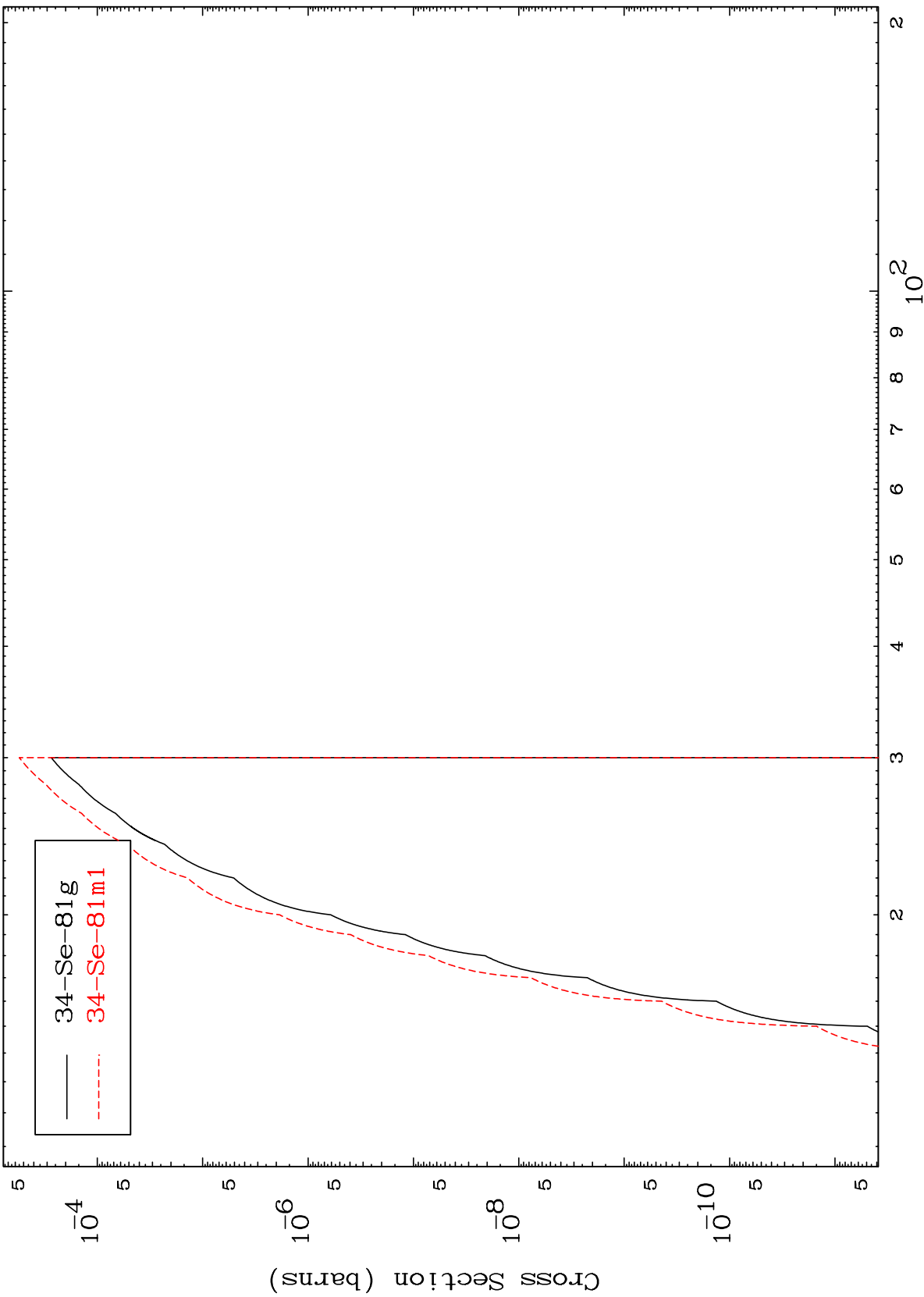


MAT 3534

(n,2n) p

35-Br-82

Radionuclide Production Cross Section



Incident Energy (MeV)

35-Br-82

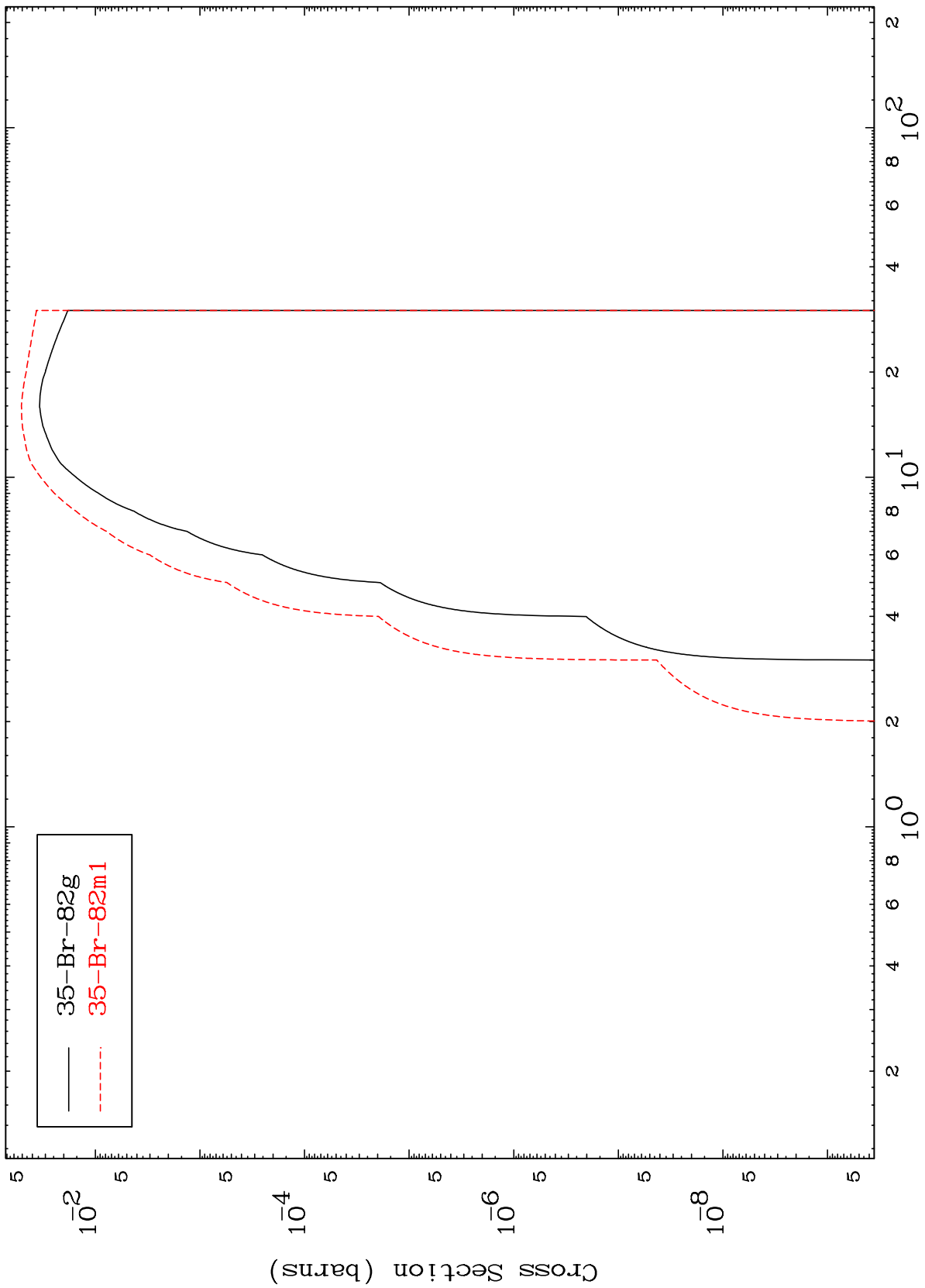
22

MAT 3534

35-Br-82

(n,d)

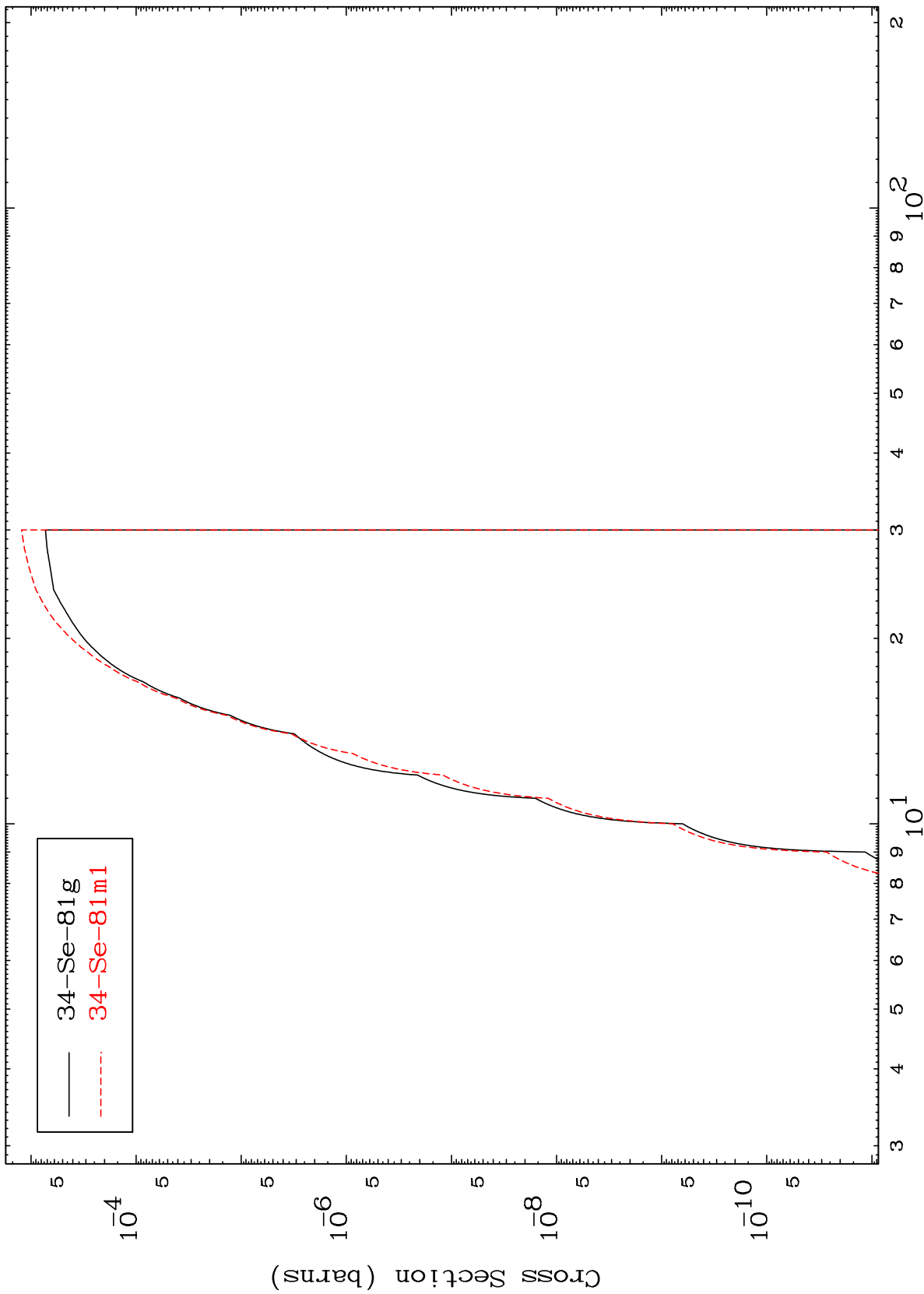
Radionuclide Production Cross Section



MAT 3534

35-Br-82

Radionuclide Production Cross Section
(n,He-3)



24

Incident Energy (MeV)

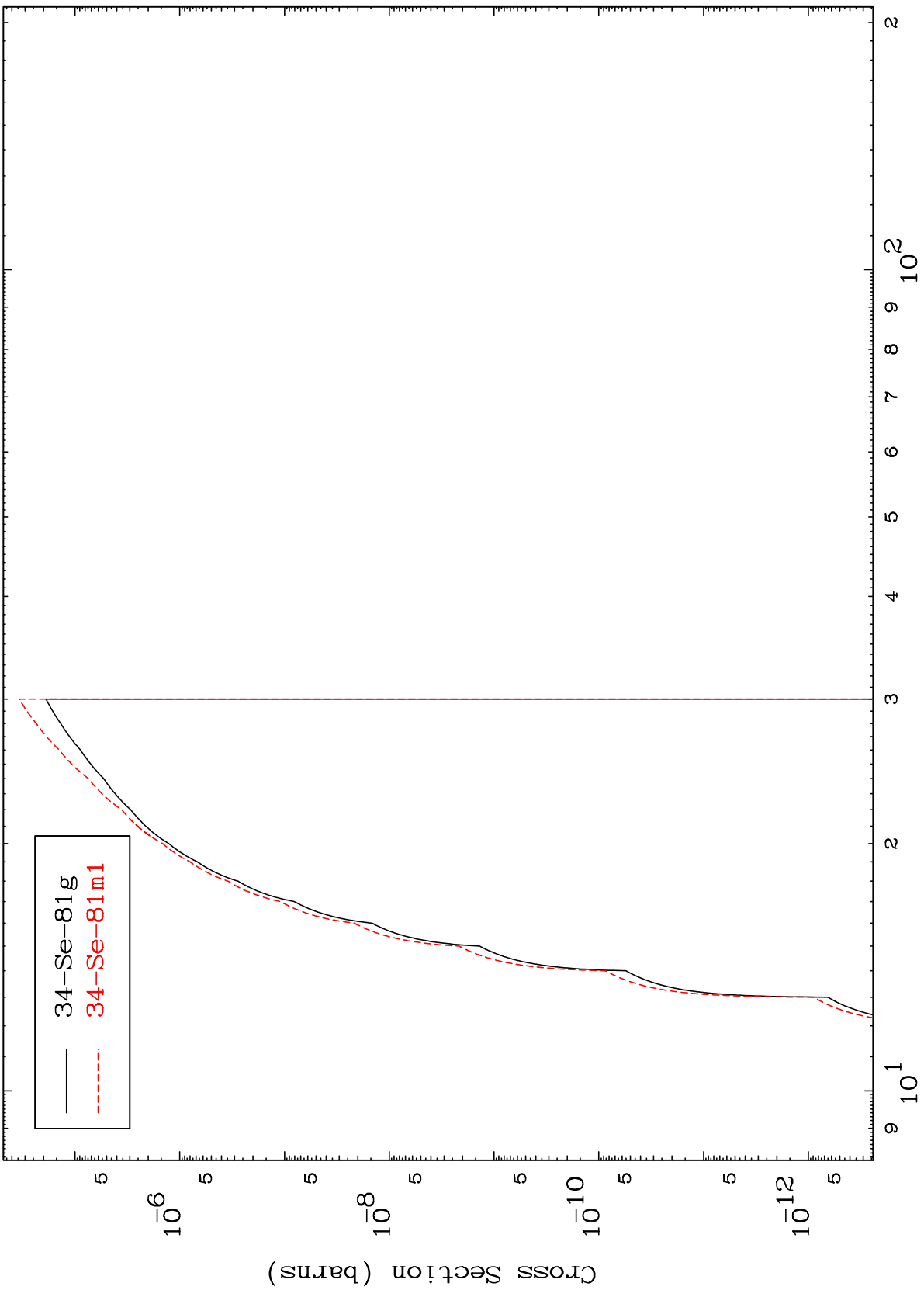
35-Br-82

MAT 3534

(n,p) d

35-Br-82

Radionuclide Production Cross Section



25

Incident Energy (MeV)

35-Br-82