

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

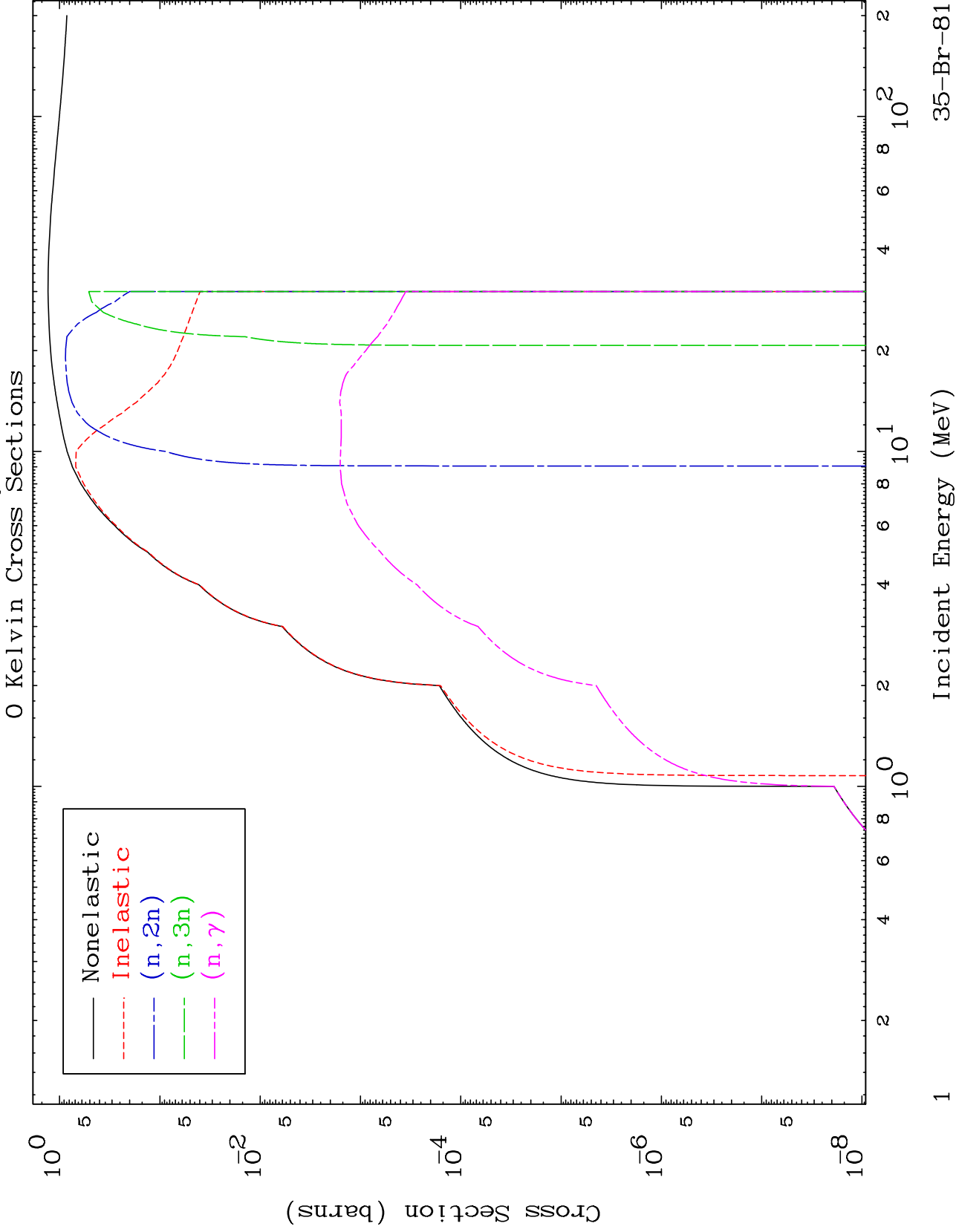
Web:redcullen1.net/HOMEPAGE.NEW

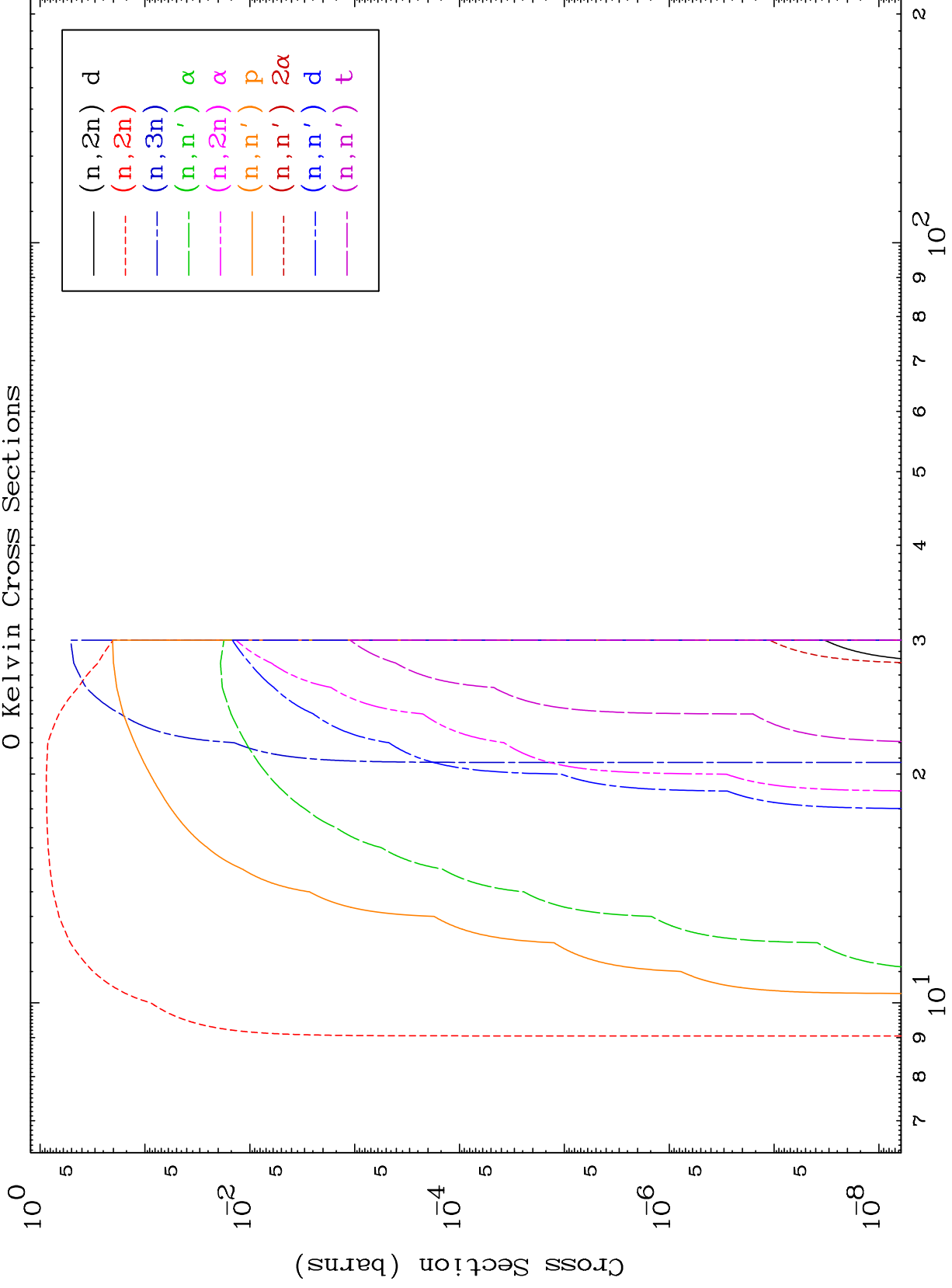
Press Mouse Button to Start

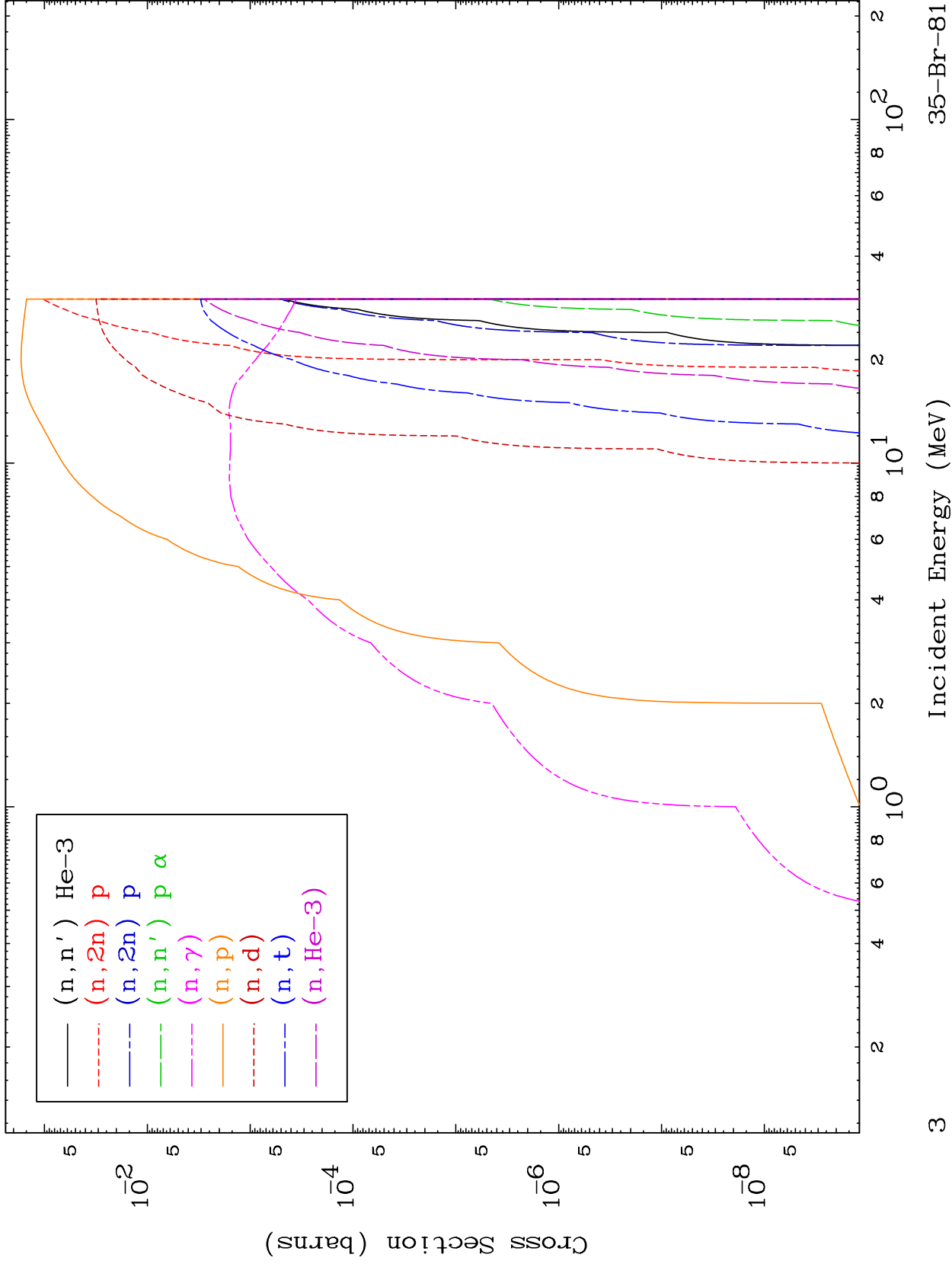
MAT 3531

Proton Major

35-Br-81



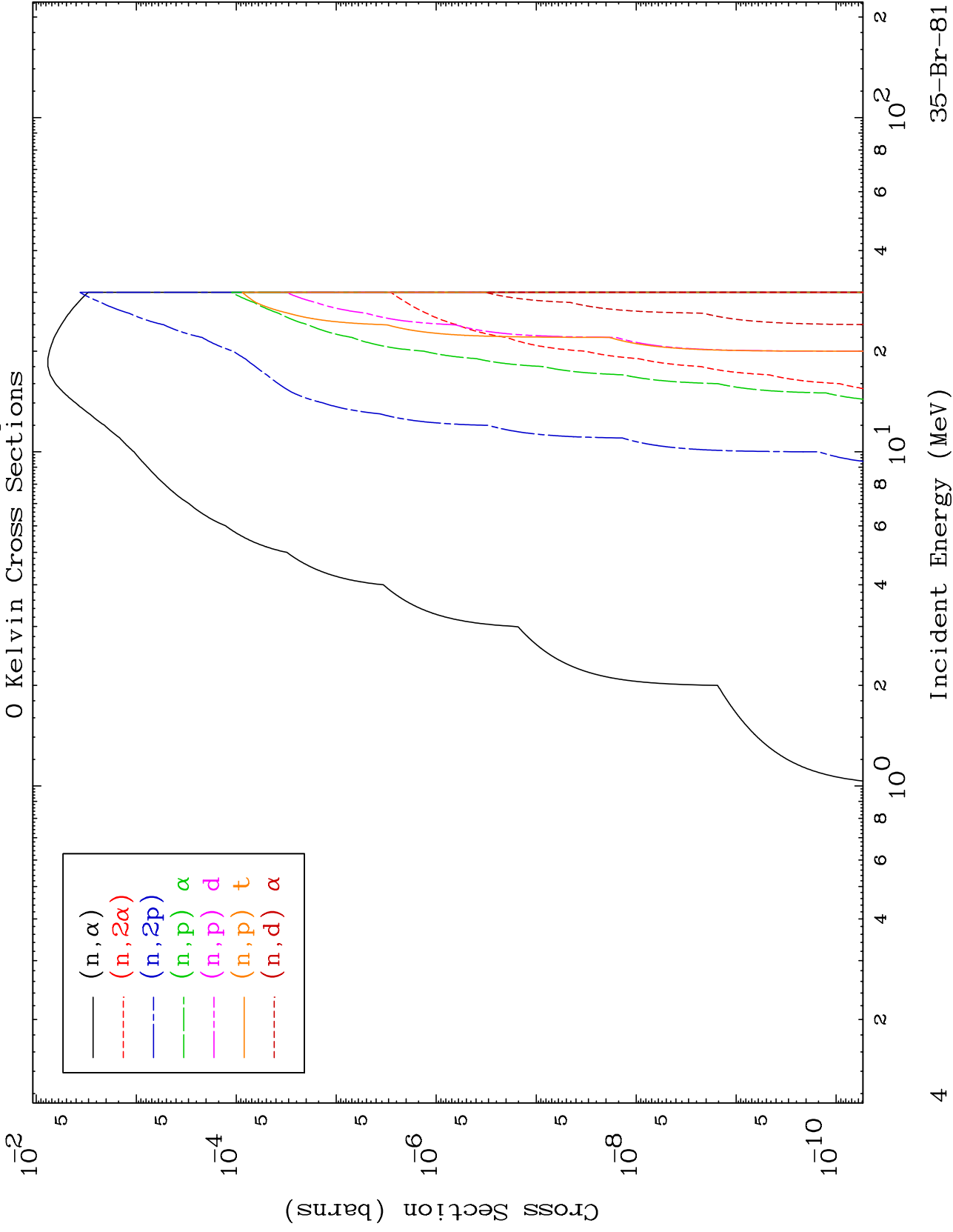


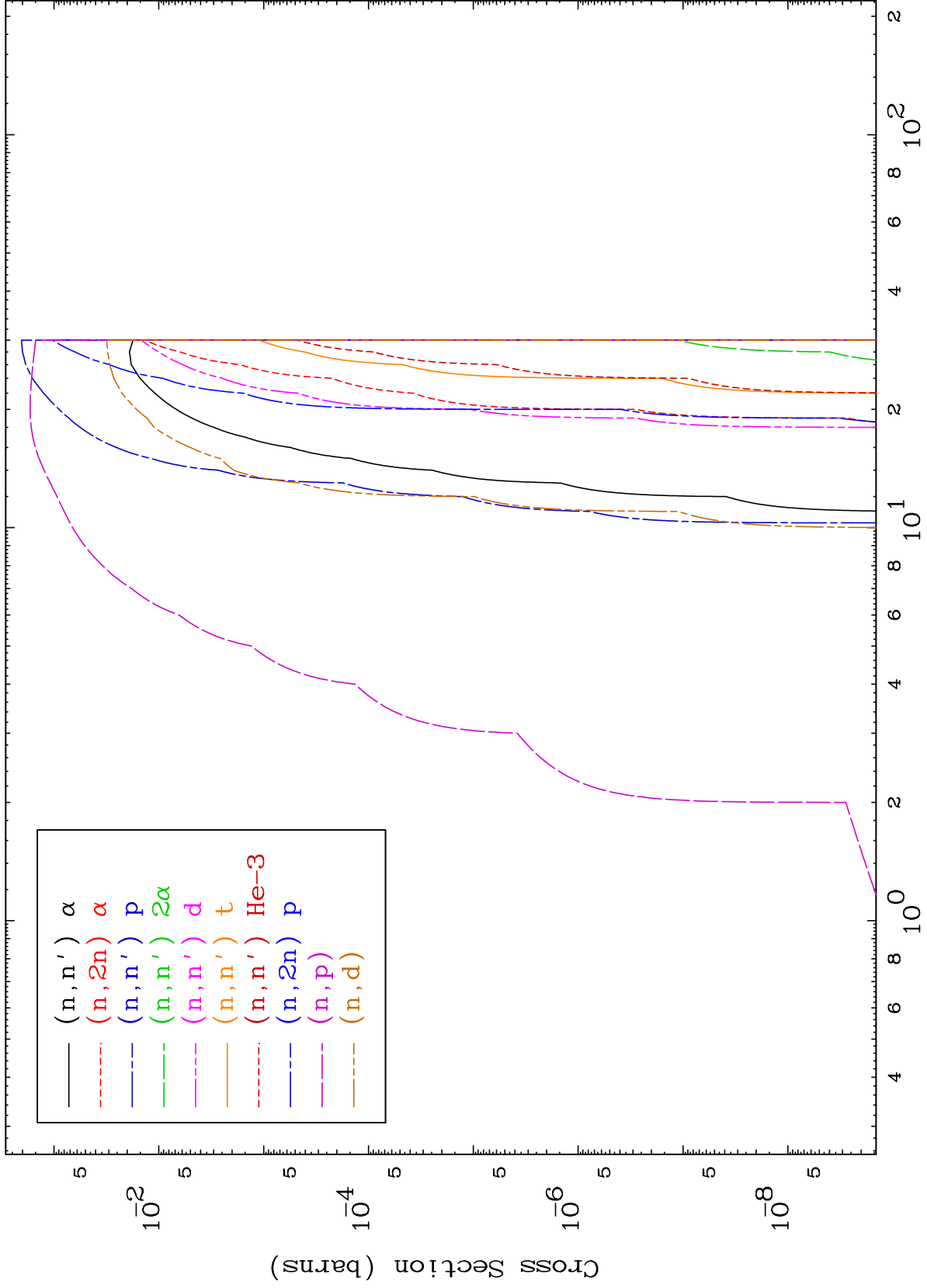


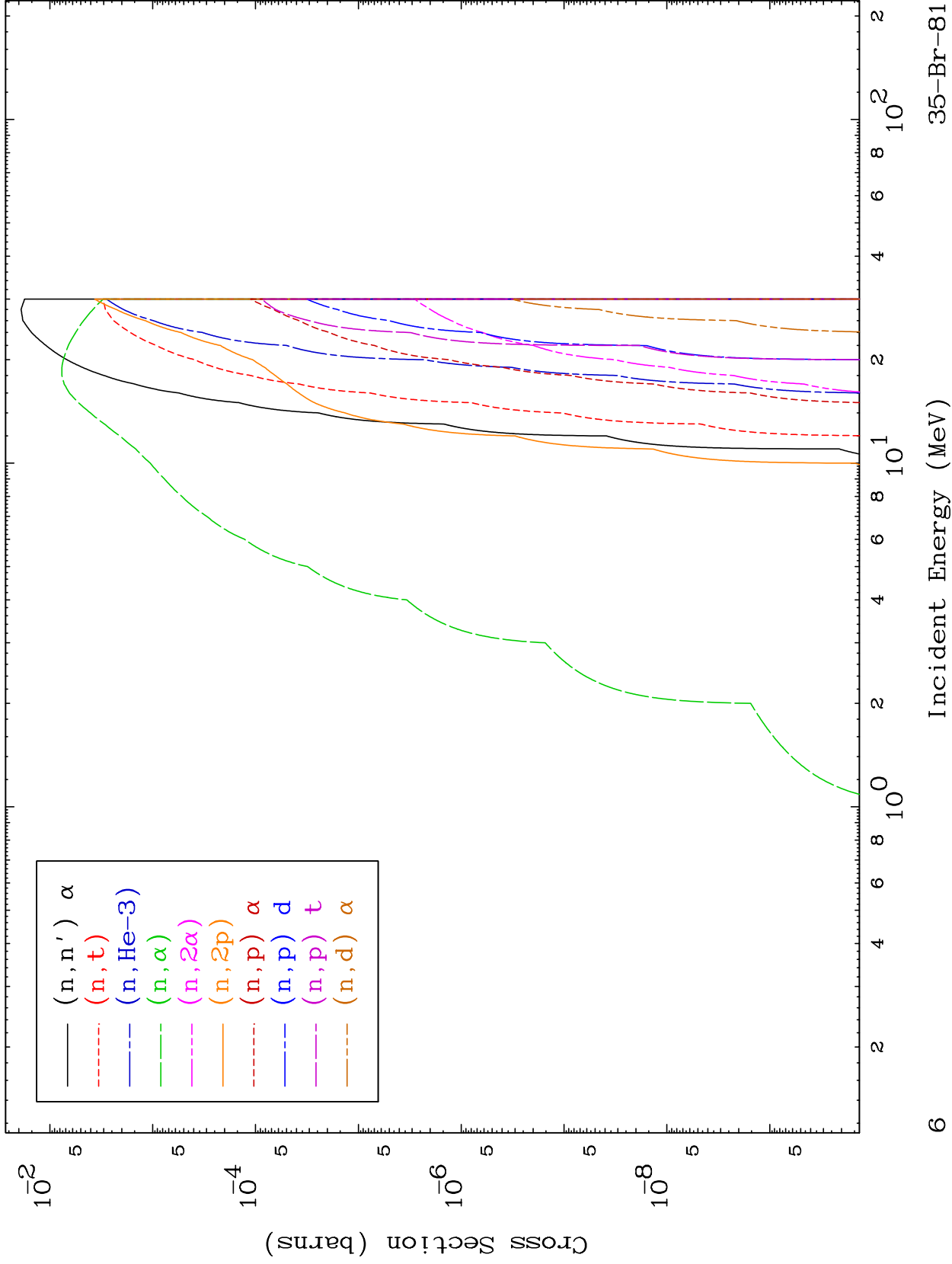
MAT 3531

Proton Neutron Absorption
0 Kelvin Cross Sections

35-Br-81



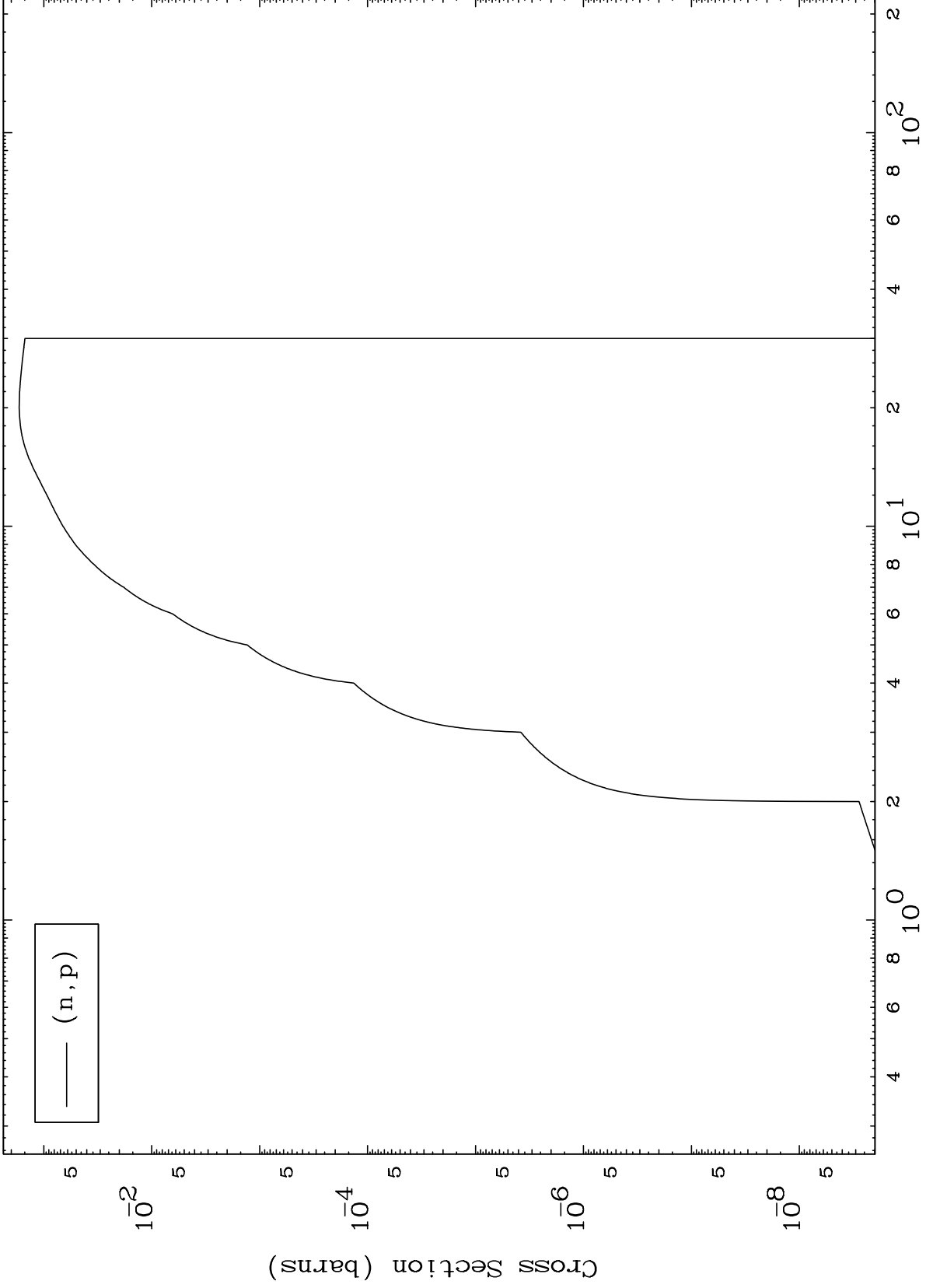




MAT 3531

35-Br-81

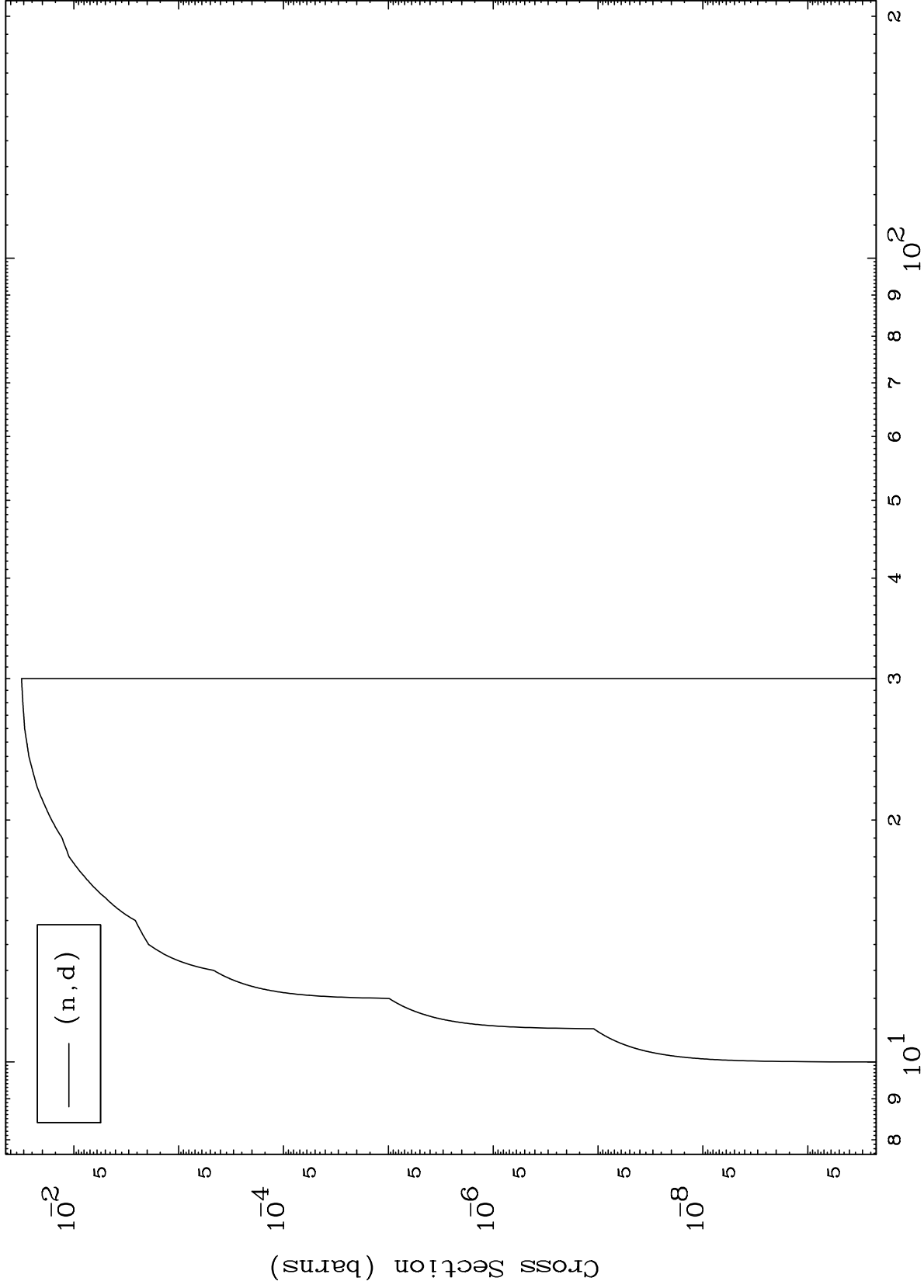
(p,p) Levels
0 Kelvin Cross Sections



MAT 3531

(p,d) Levels
0 Kelvin Cross Sections

35-Br-81



8

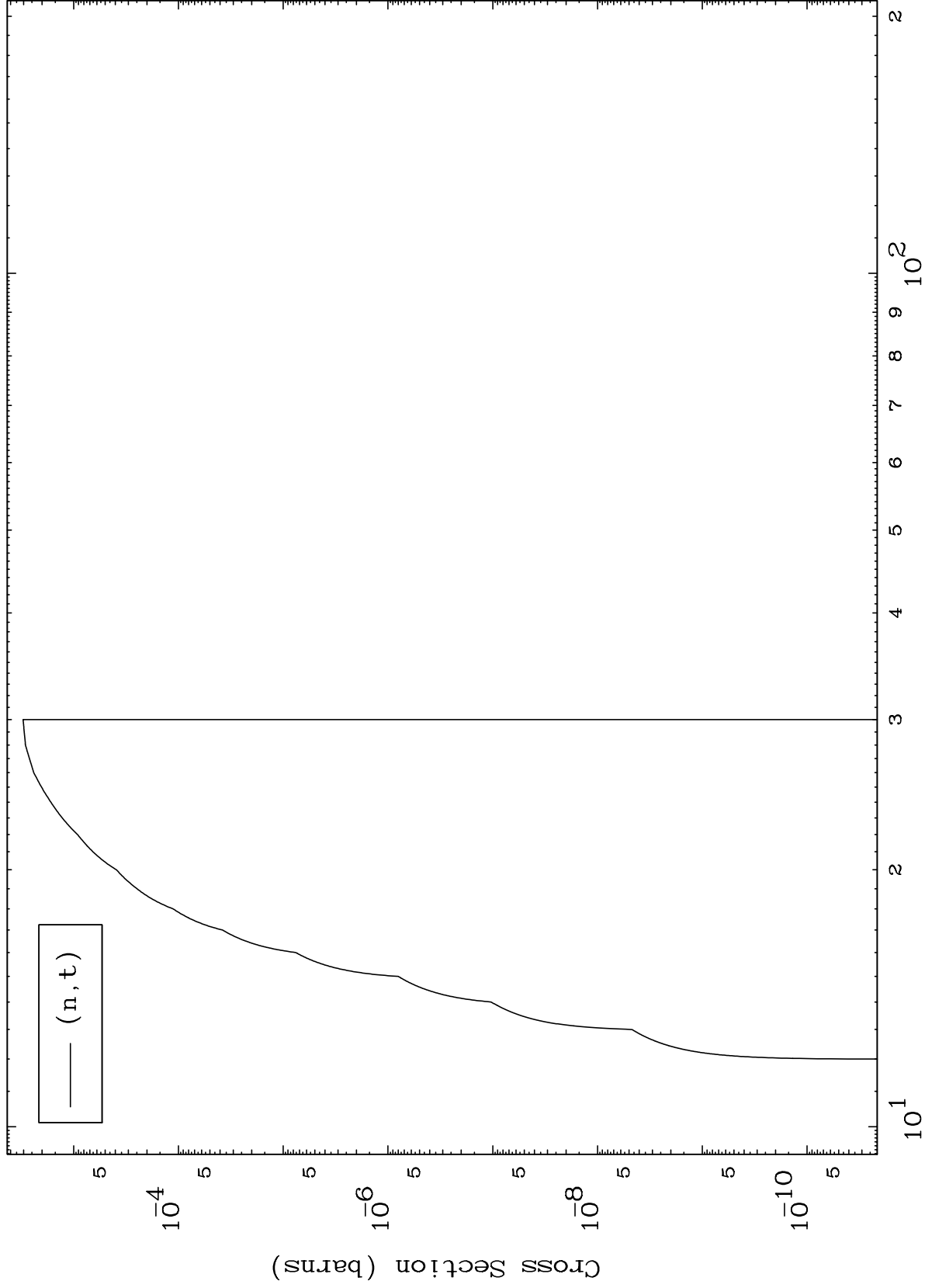
Incident Energy (MeV)

35-Br-81

MAT 3531

(p,t) Levels
0 Kelvin Cross Sections

35-Br-81



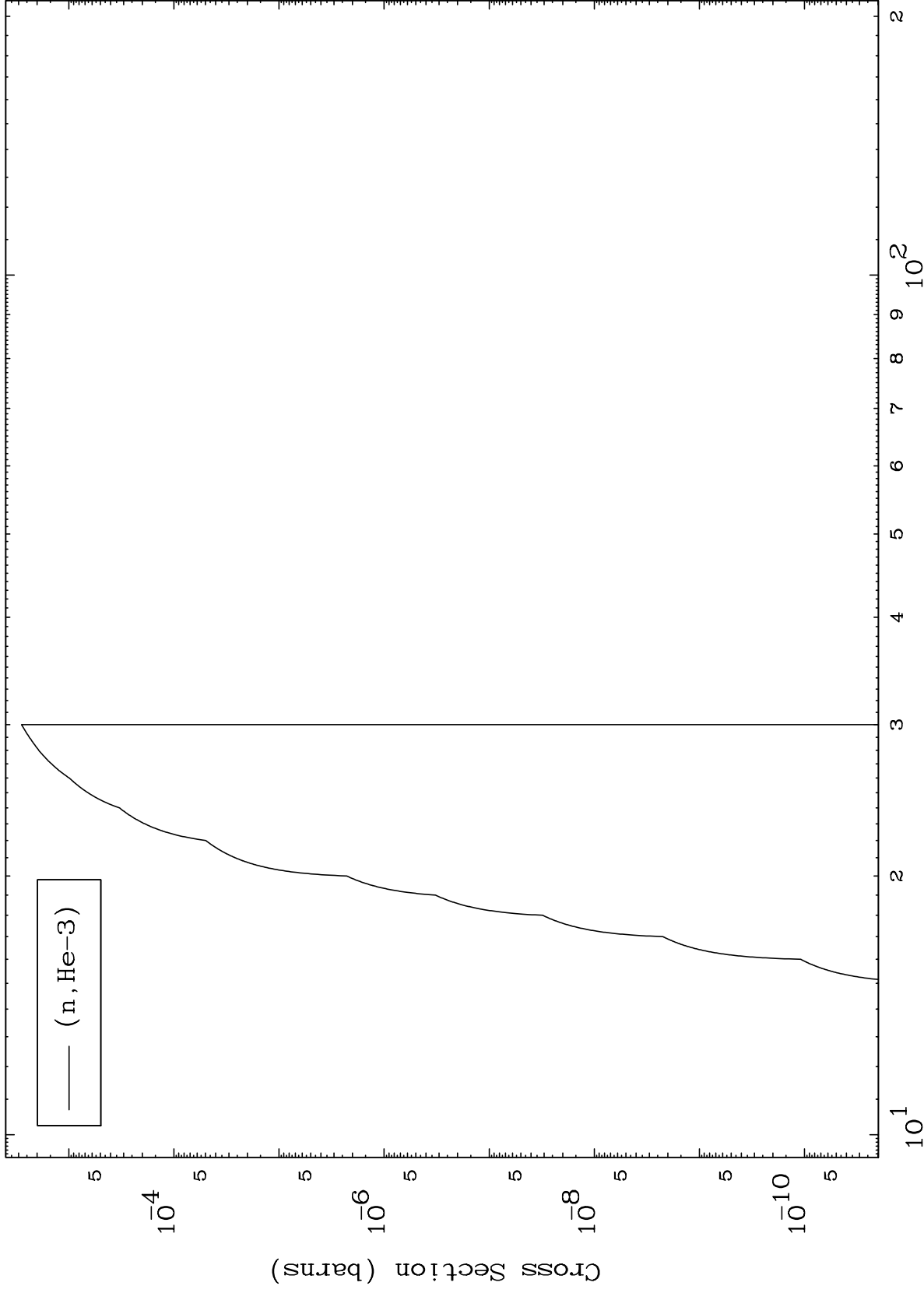
Incident Energy (MeV)

35-Br-81

MAT 3531

(p,He3) Levels
0 Kelvin Cross Sections

35-Br-81



10¹

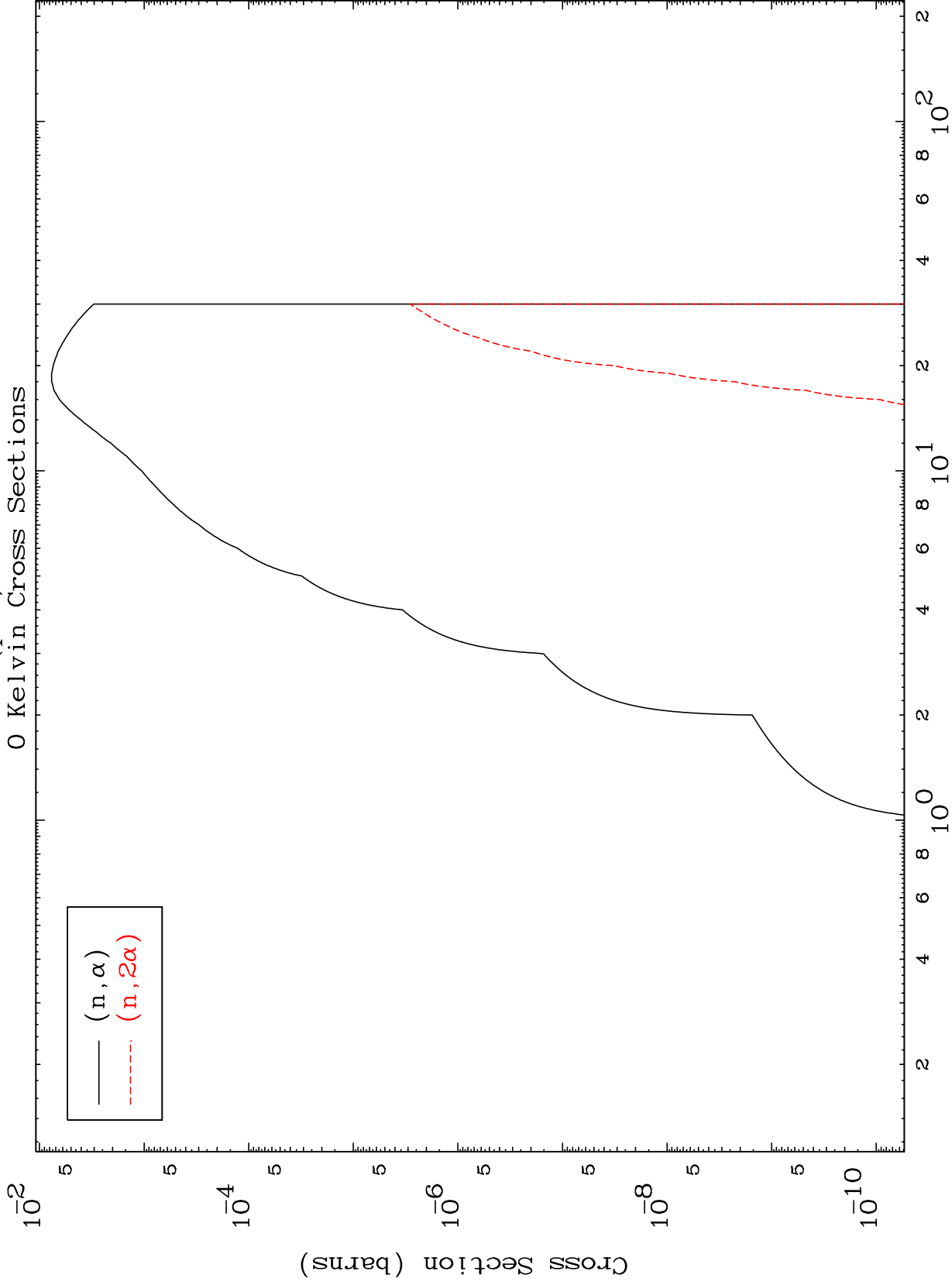
Incident Energy (MeV)

35-Br-81

MAT 3531

(p, α) Levels
0 Kelvin Cross Sections

³⁵Br-81



11

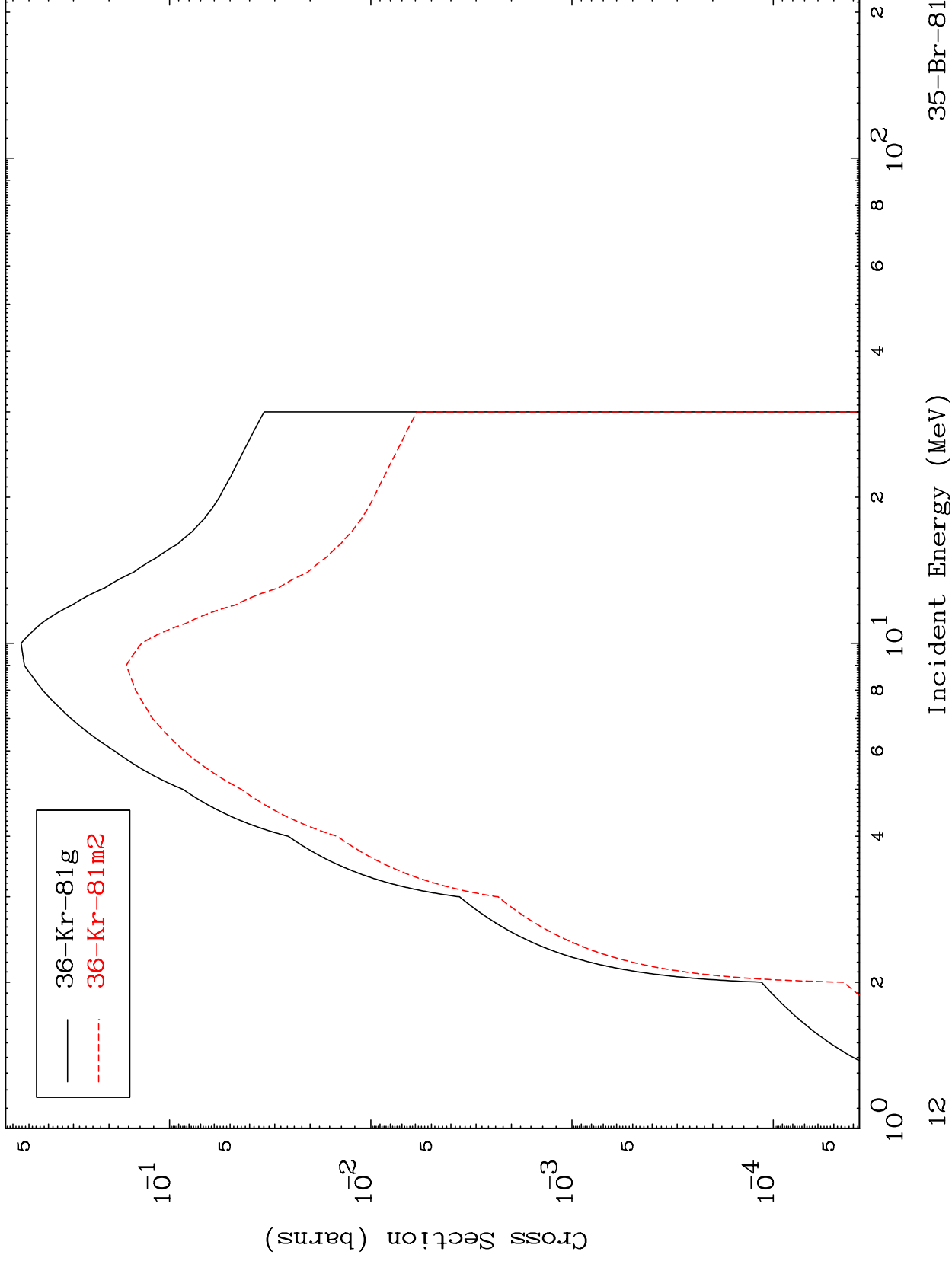
Incident Energy (MeV)

³⁵Br-81

MAT 3531

35-Br-81

Inelastic
Radionuclide Production Cross Section

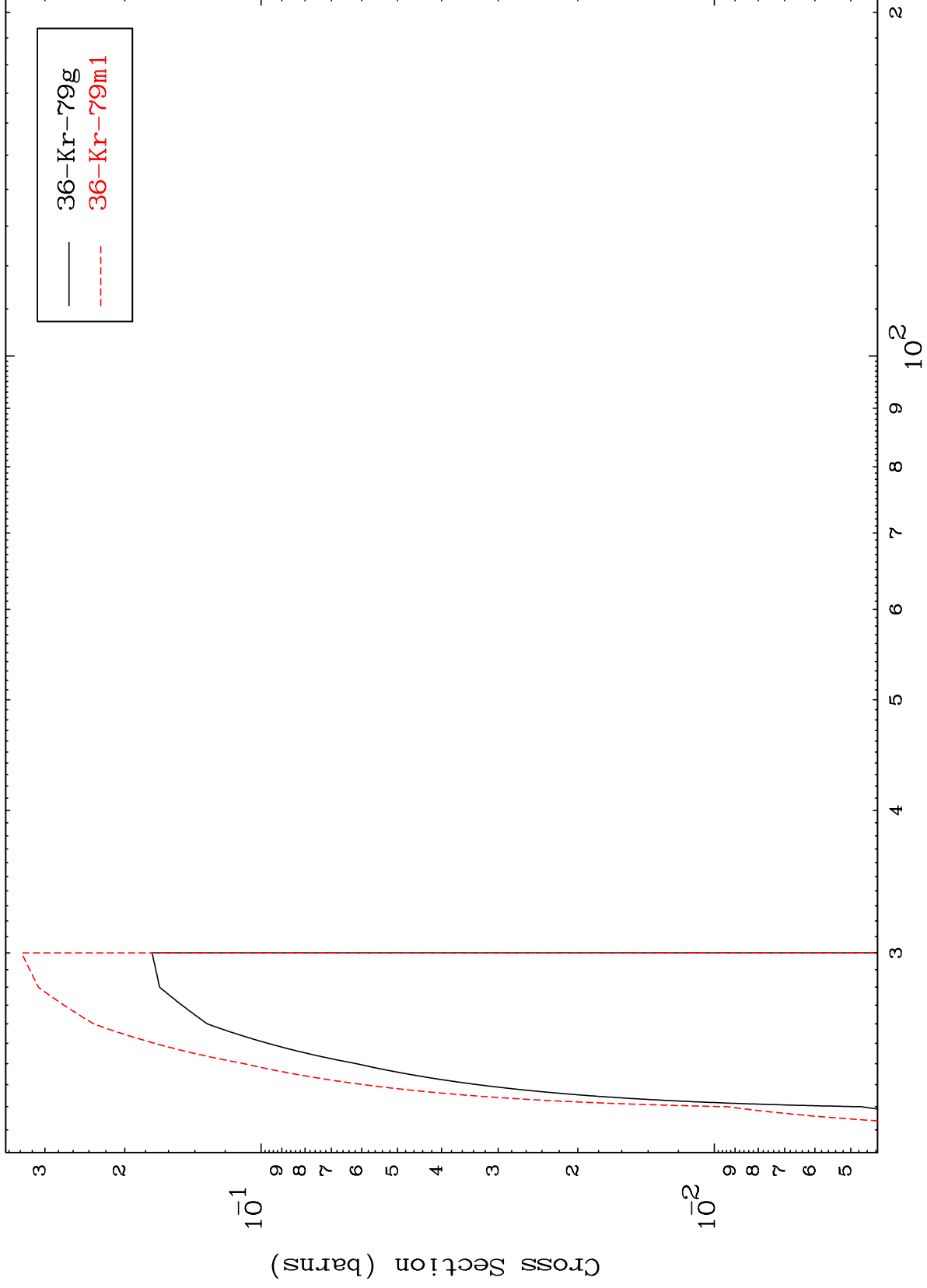


35-Br-81

Incident Energy (MeV)

12

(n,3n)
Radionuclide Production Cross Section

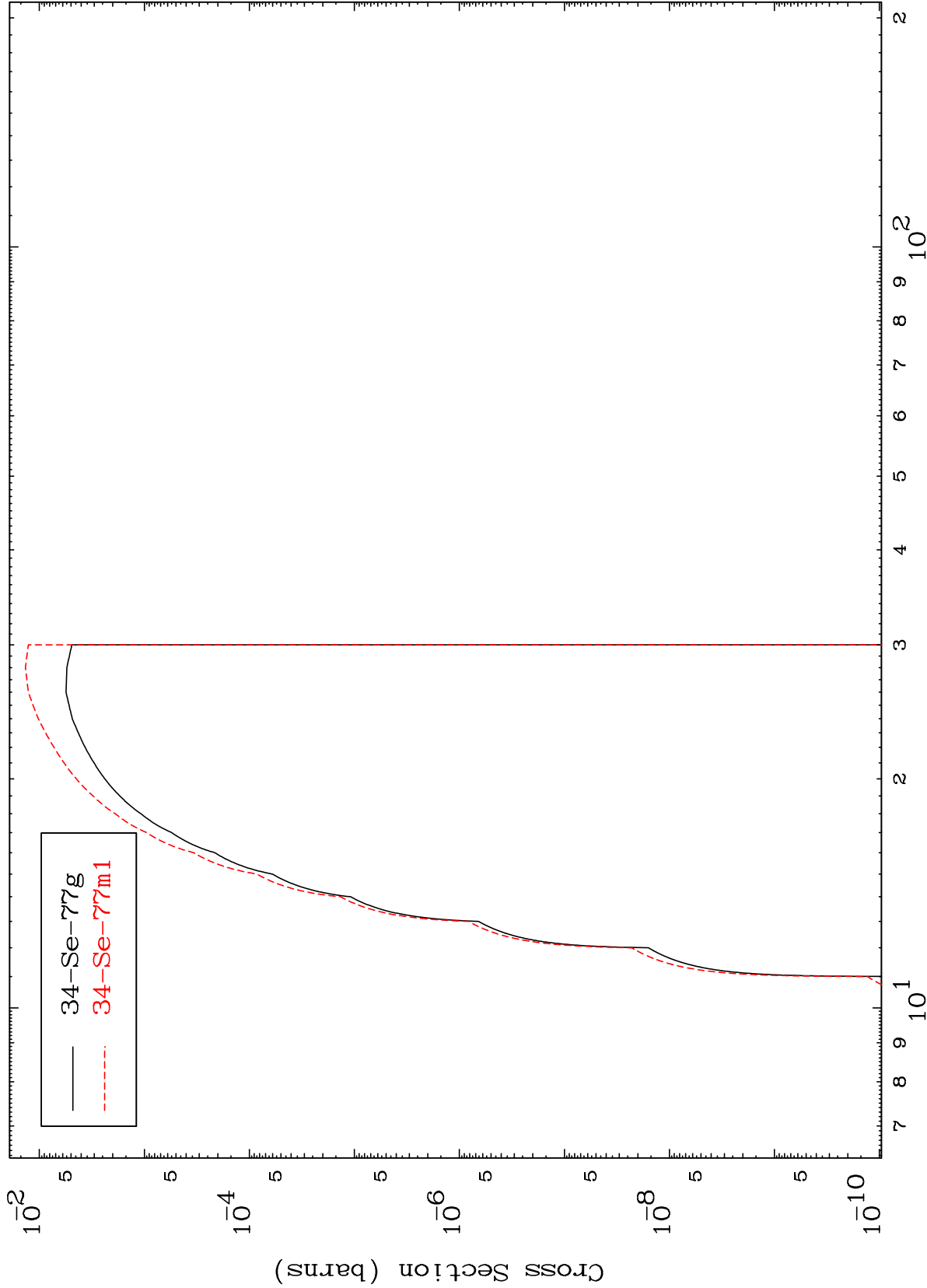


MAT 3531

$(n, n') \alpha$

$^{35}\text{Br-81}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

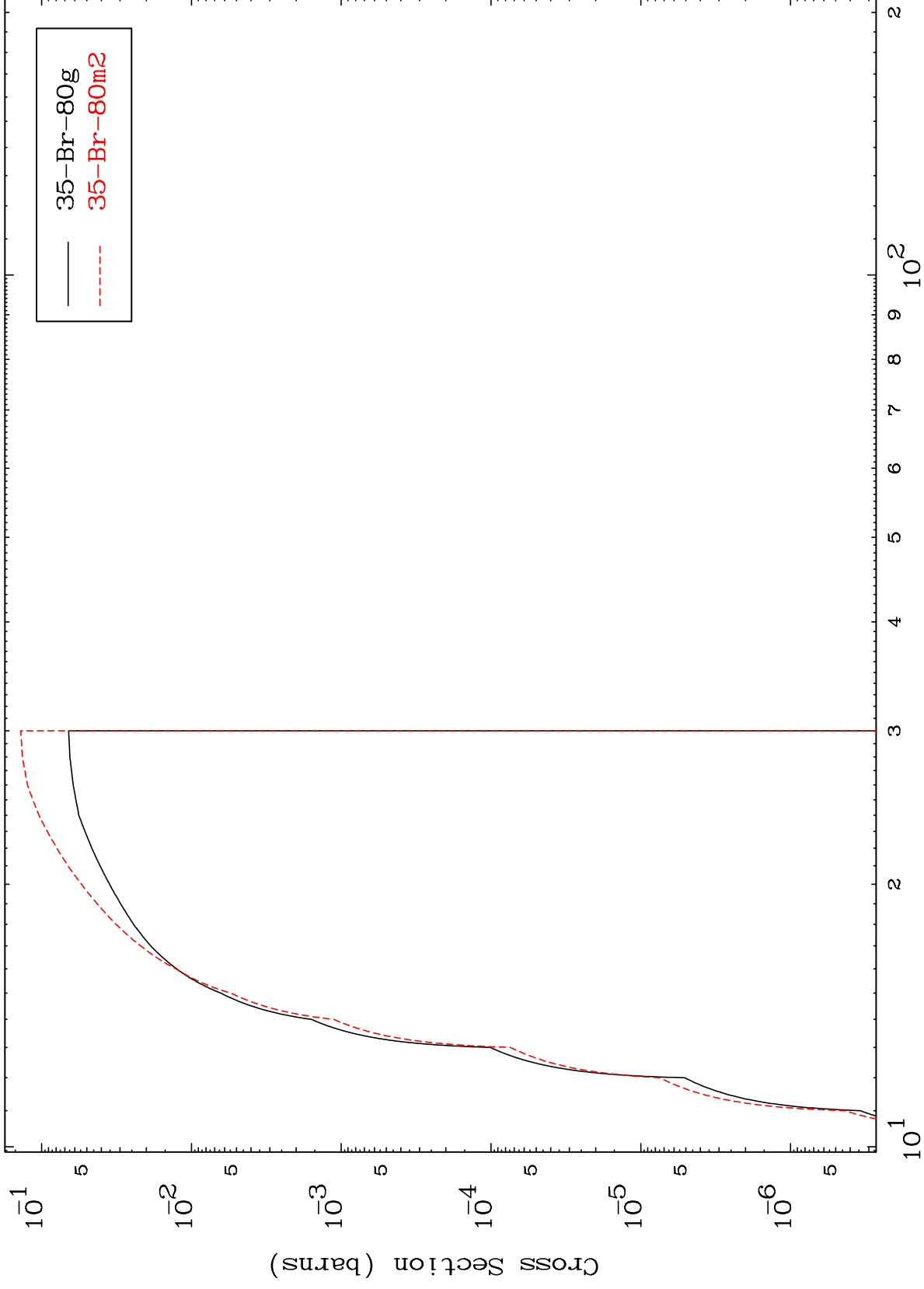
$^{35}\text{Br-81}$

MAT 3531

(n,n') p

35-Br-81

Radionuclide Production Cross Section



Incident Energy (MeV)

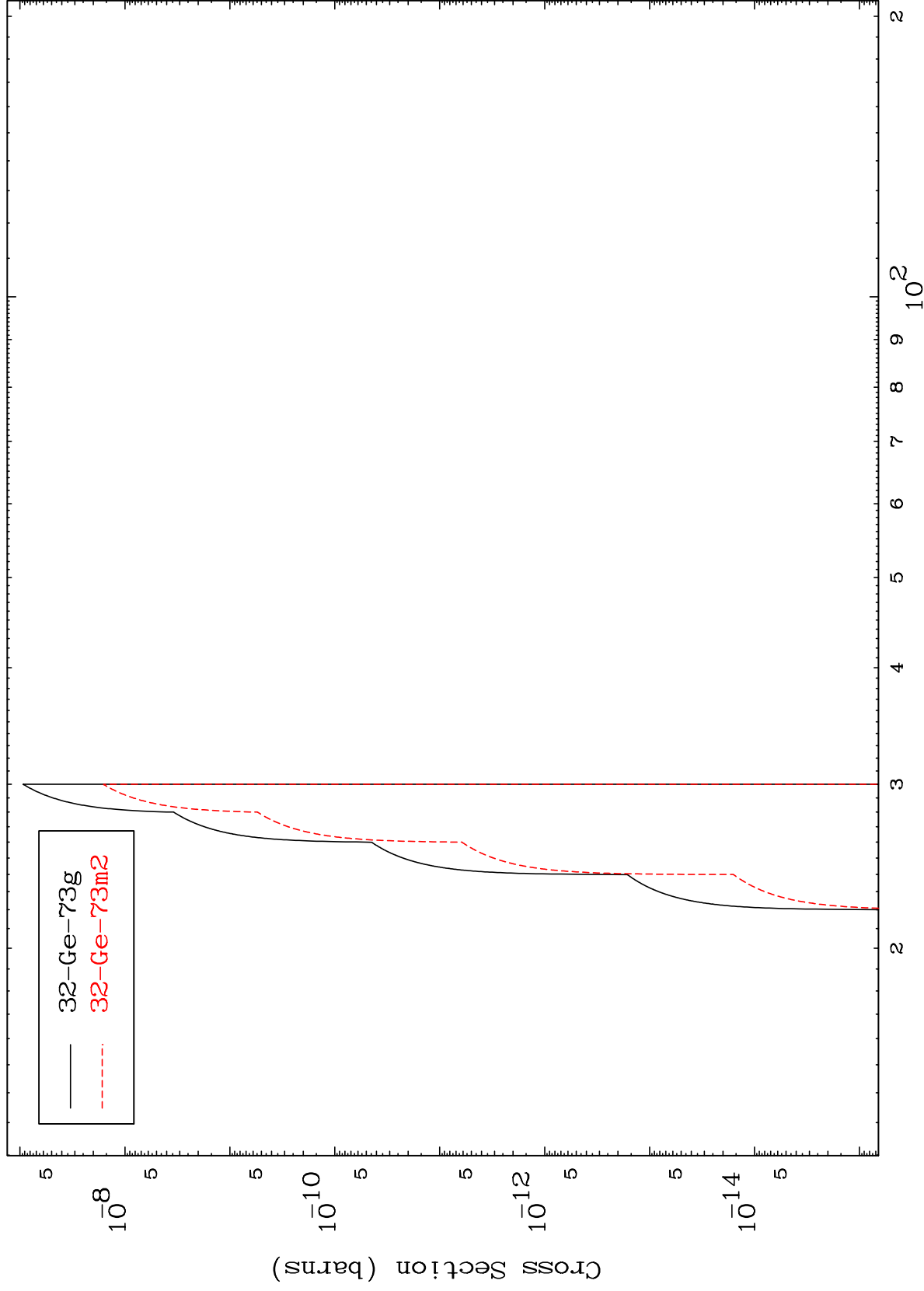
35-Br-81

MAT 3531

(n,n') 2 α

35-Br-81

Radionuclide Production Cross Section



16

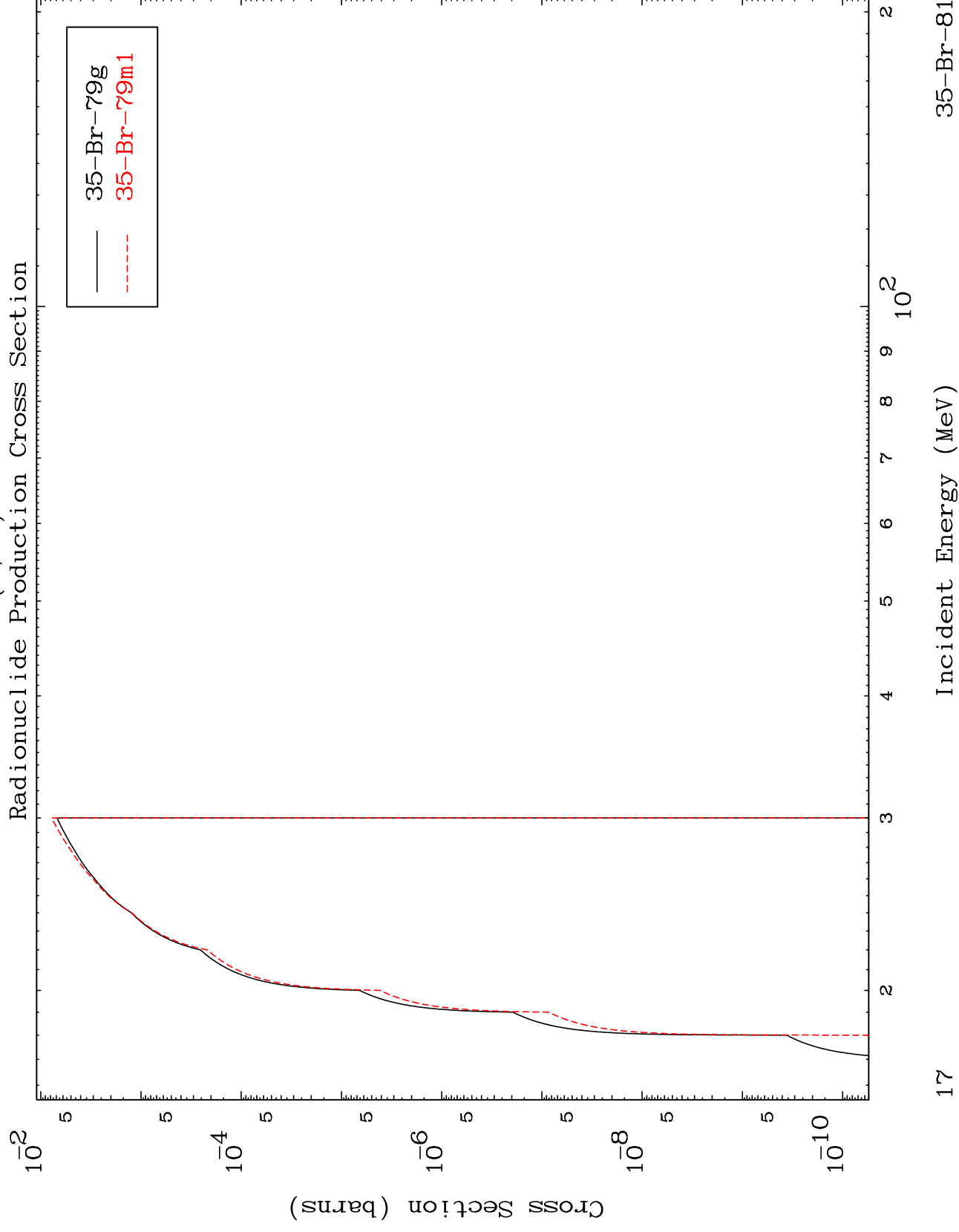
Incident Energy (MeV)

35-Br-81

MAT 3531

(n,n') d

35-Br-81



17

Incident Energy (MeV)

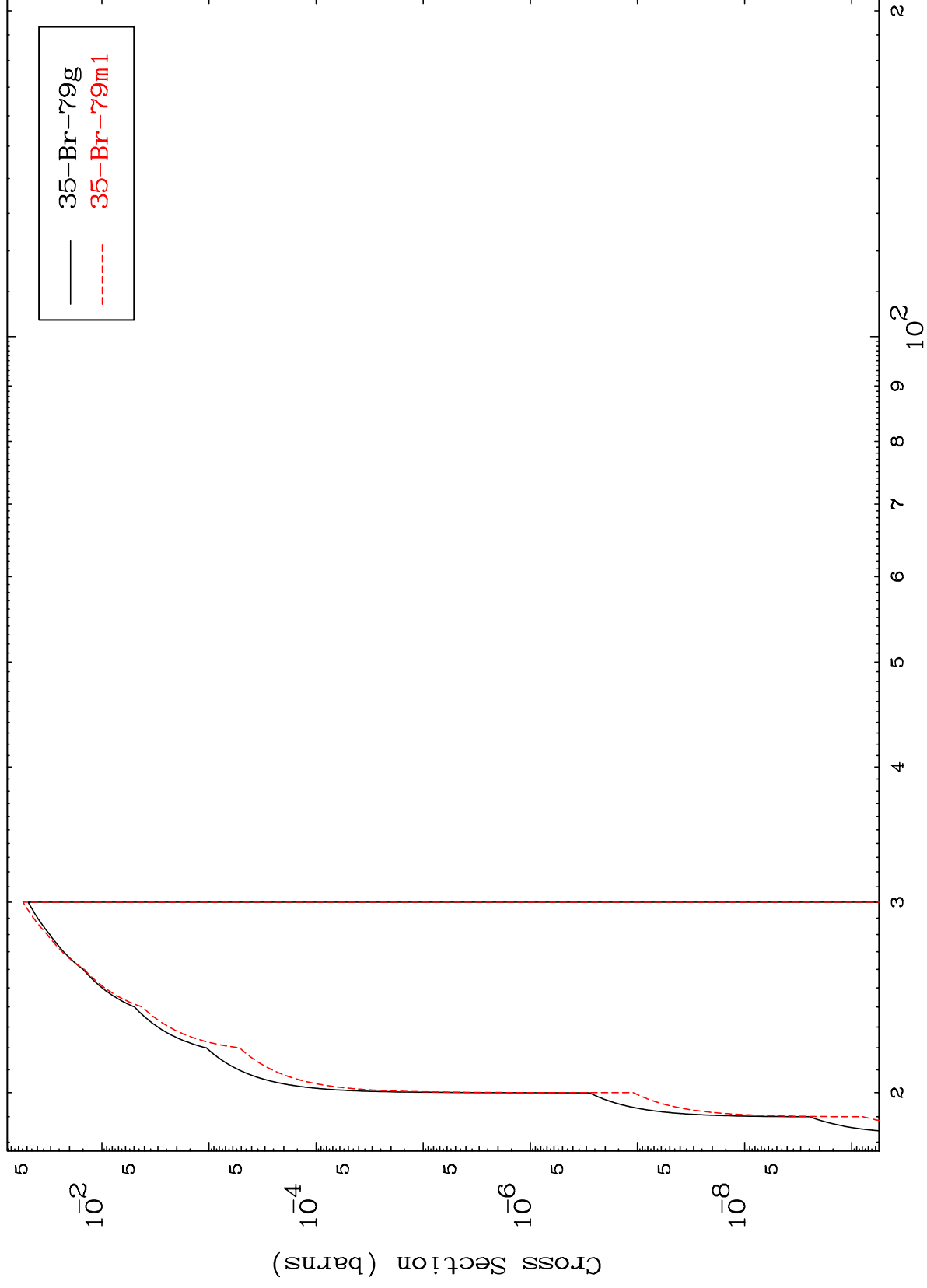
35-Br-81

MAT 3531

35-Br-81

(n,2n) p

Radionuclide Production Cross Section

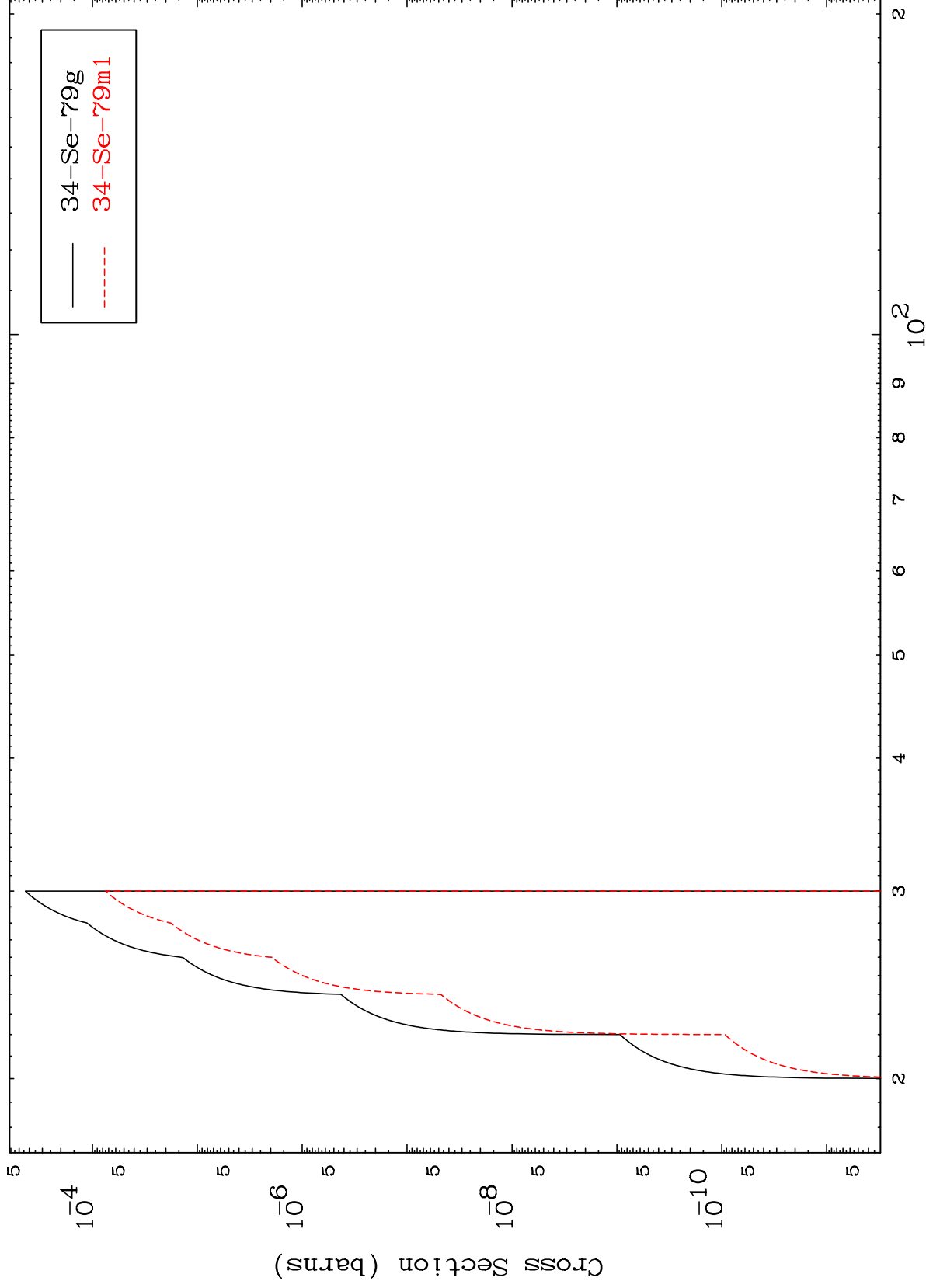


18

Incident Energy (MeV)

35-Br-81

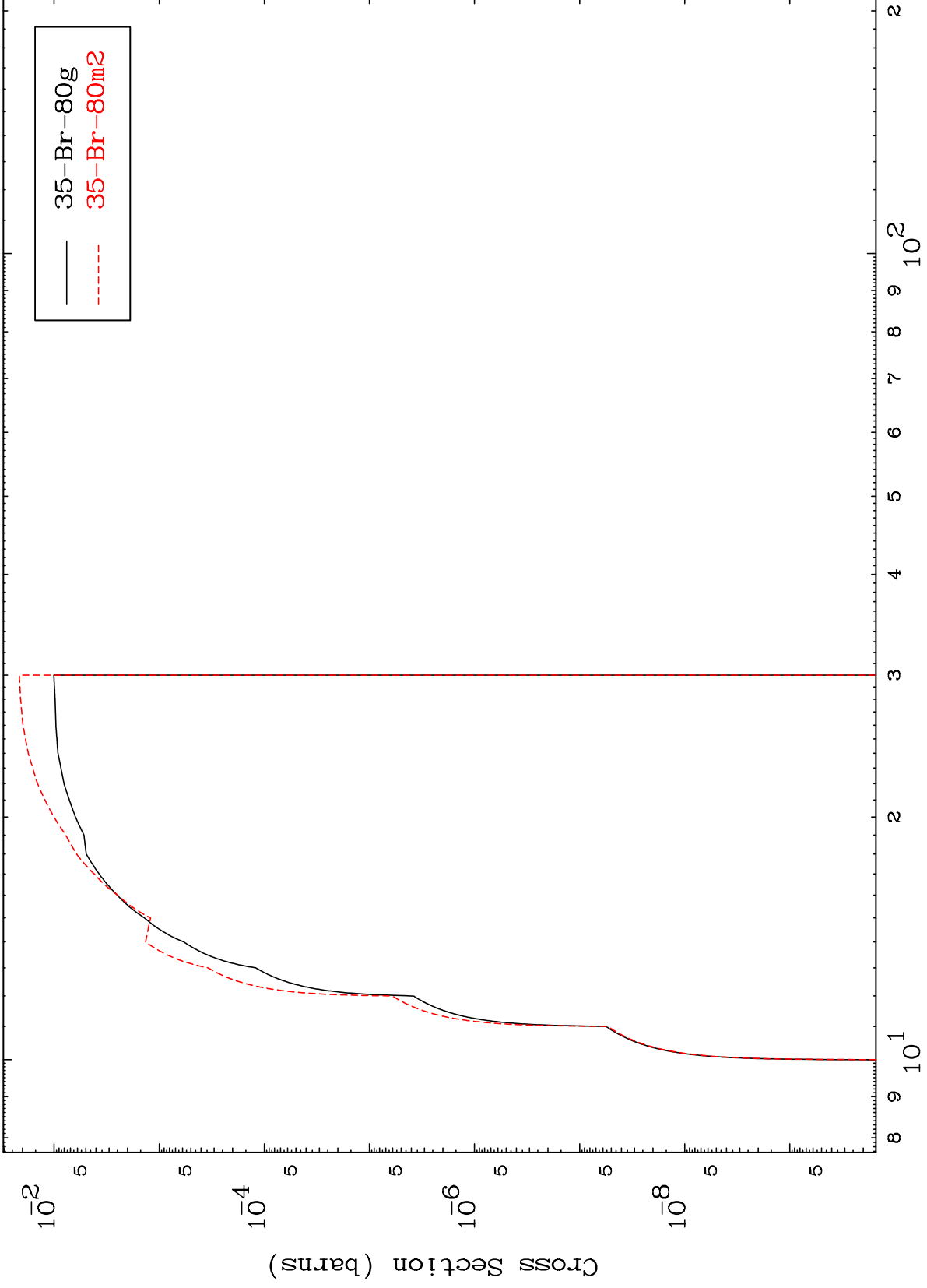
Radionuclide Production Cross Section



MAT 3531

³⁵Br-81

(n,d)
Radionuclide Production Cross Section



20

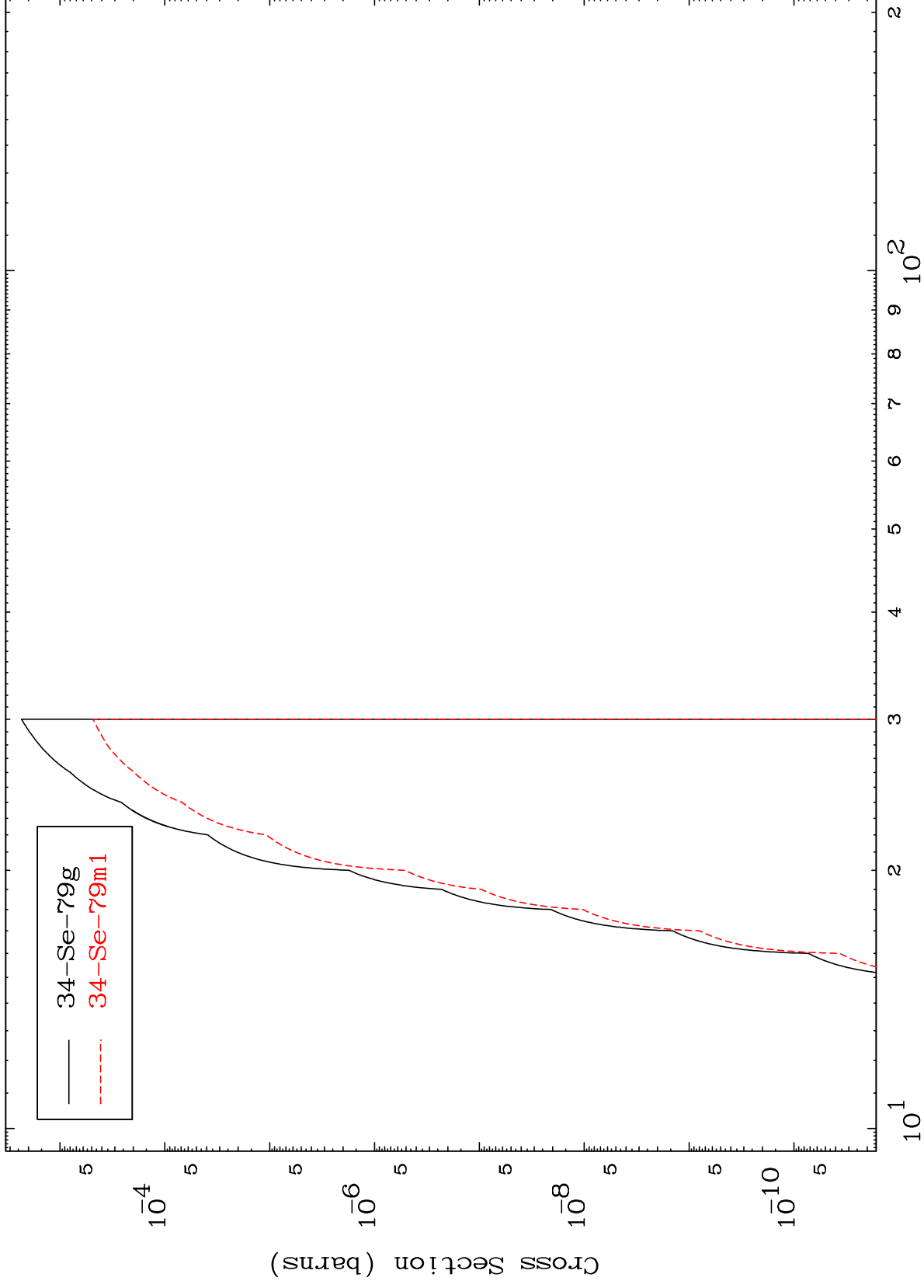
Incident Energy (MeV)

³⁵Br-81

MAT 3531

35-Br-81

(n,He-3)
Radionuclide Production Cross Section



35-Br-81

Incident Energy (MeV)

22

Radionuclide Production Cross Section

