

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

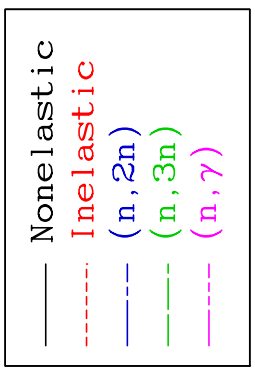
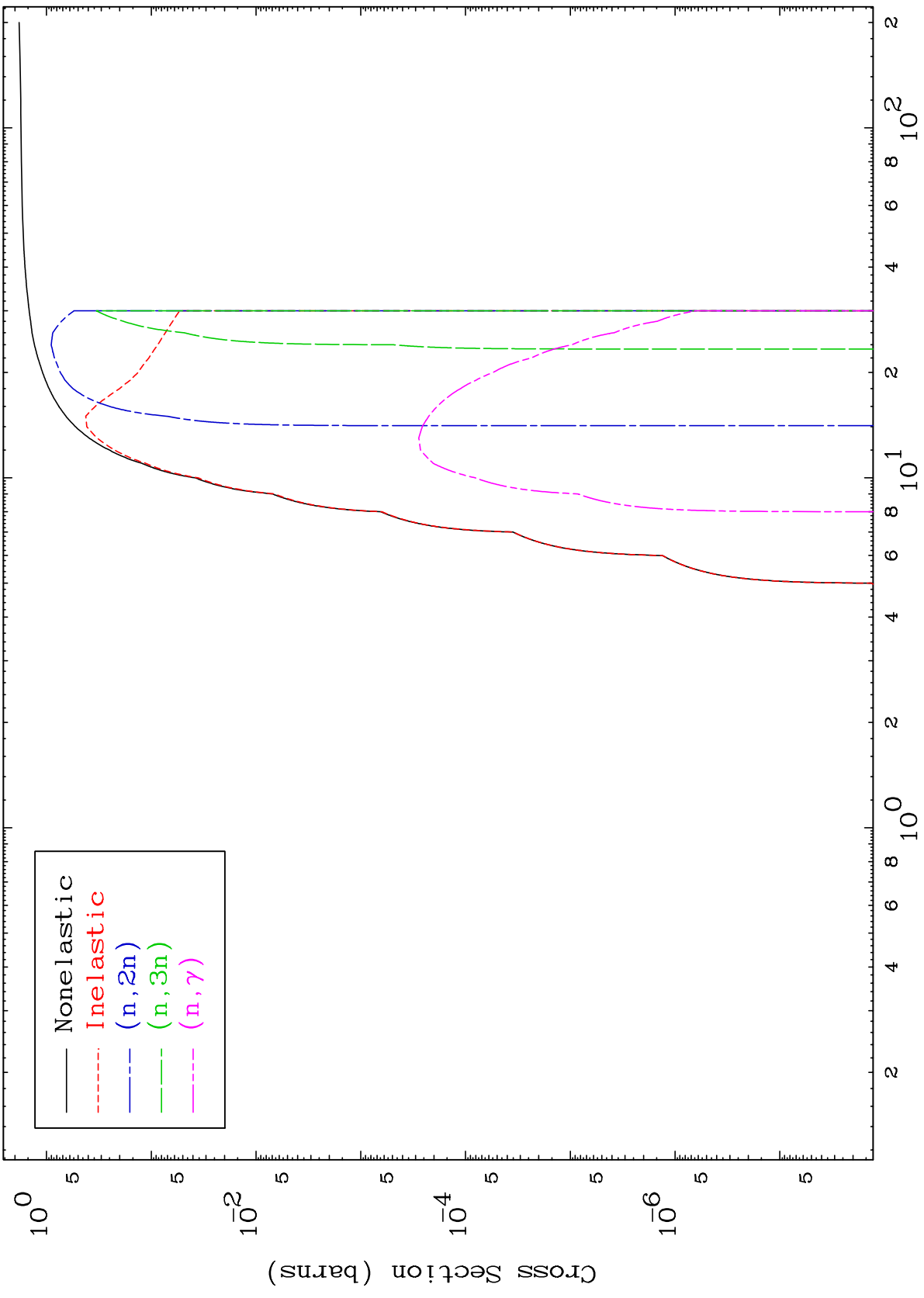
Press Mouse Button to Start

MAT 3528

α Major

35-Br-80

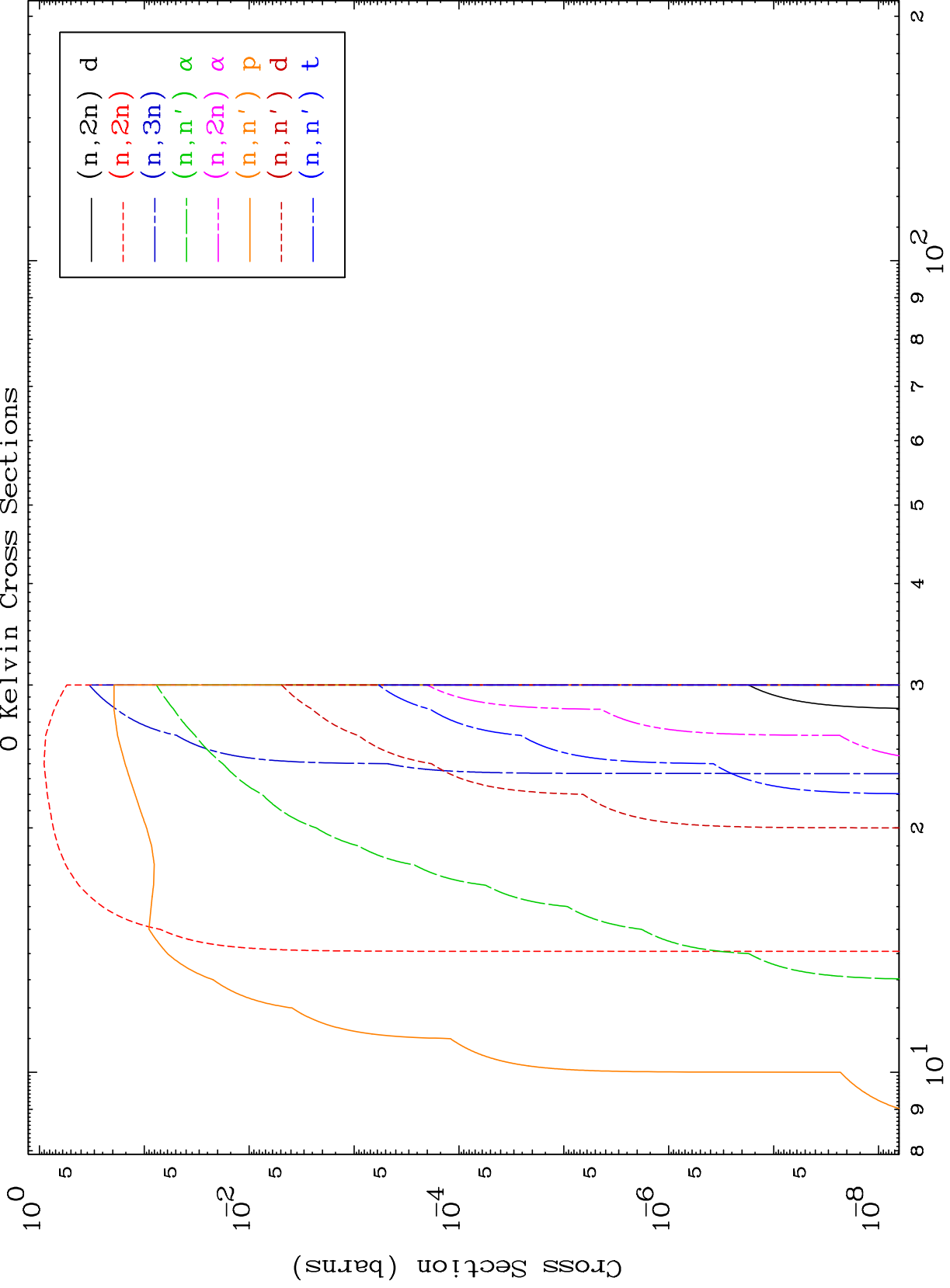
0 Kelvin Cross Sections



MAT 3528

α Neutron Absorption
0 Kelvin Cross Sections

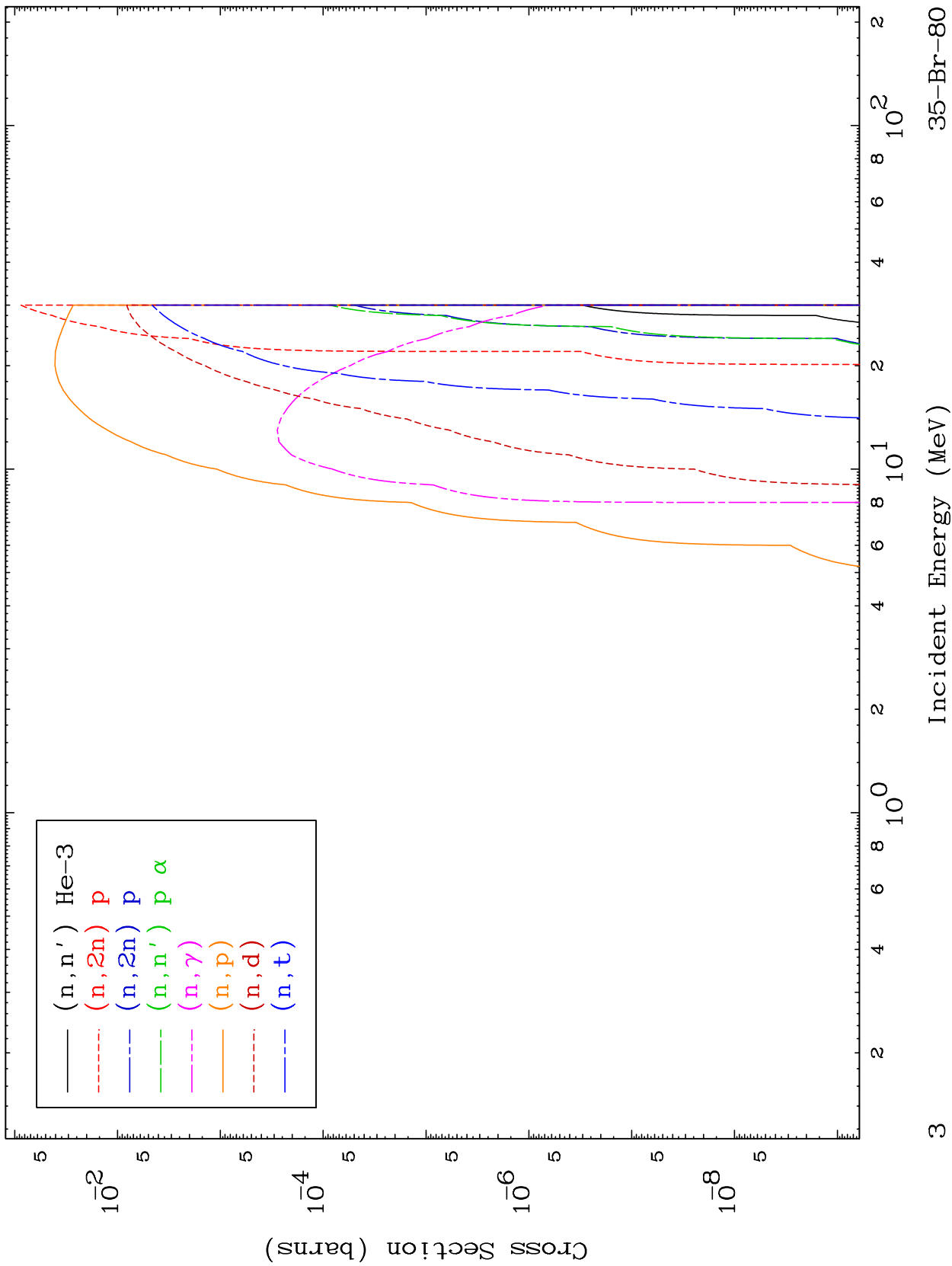
35-Br-80

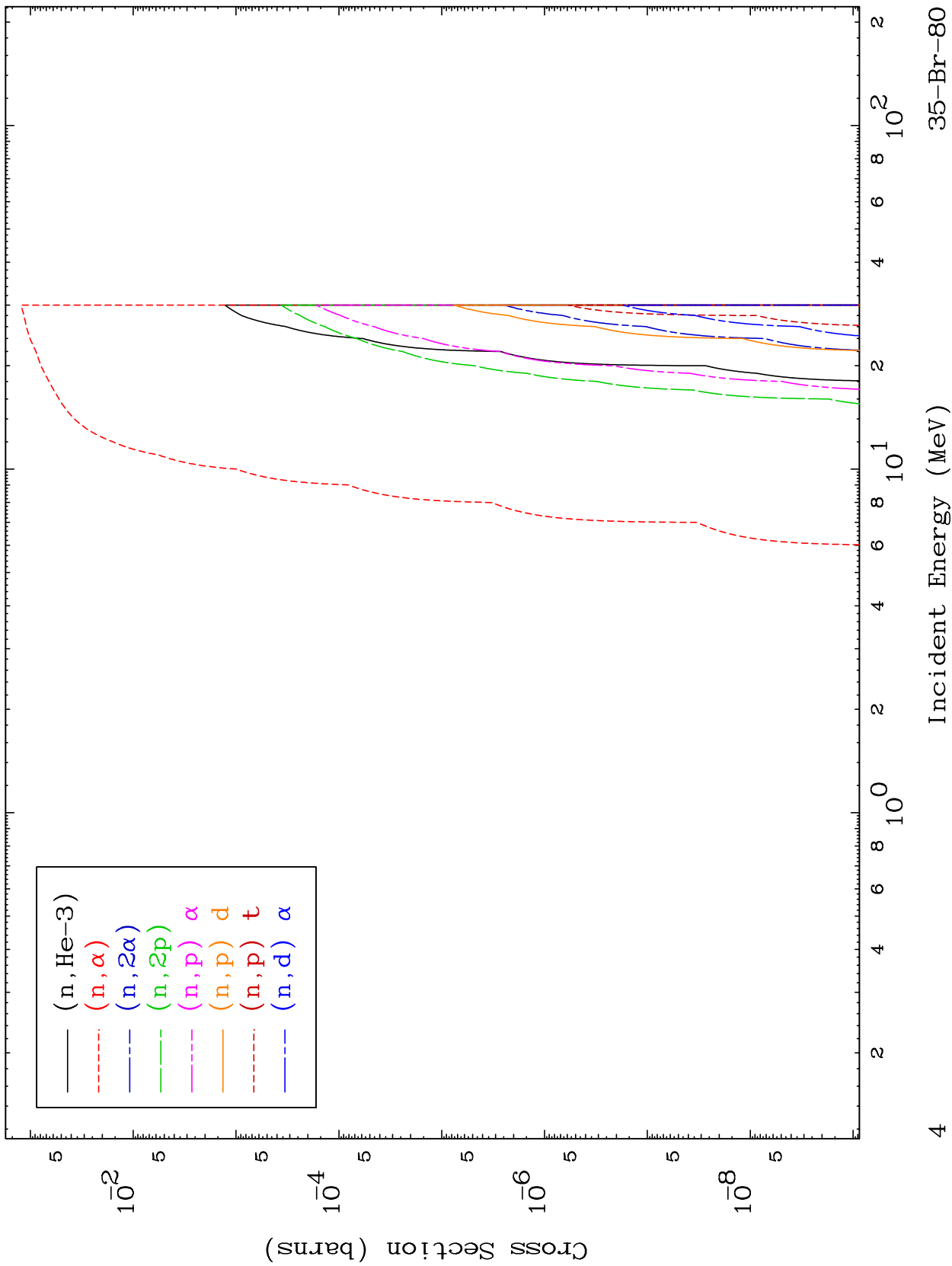


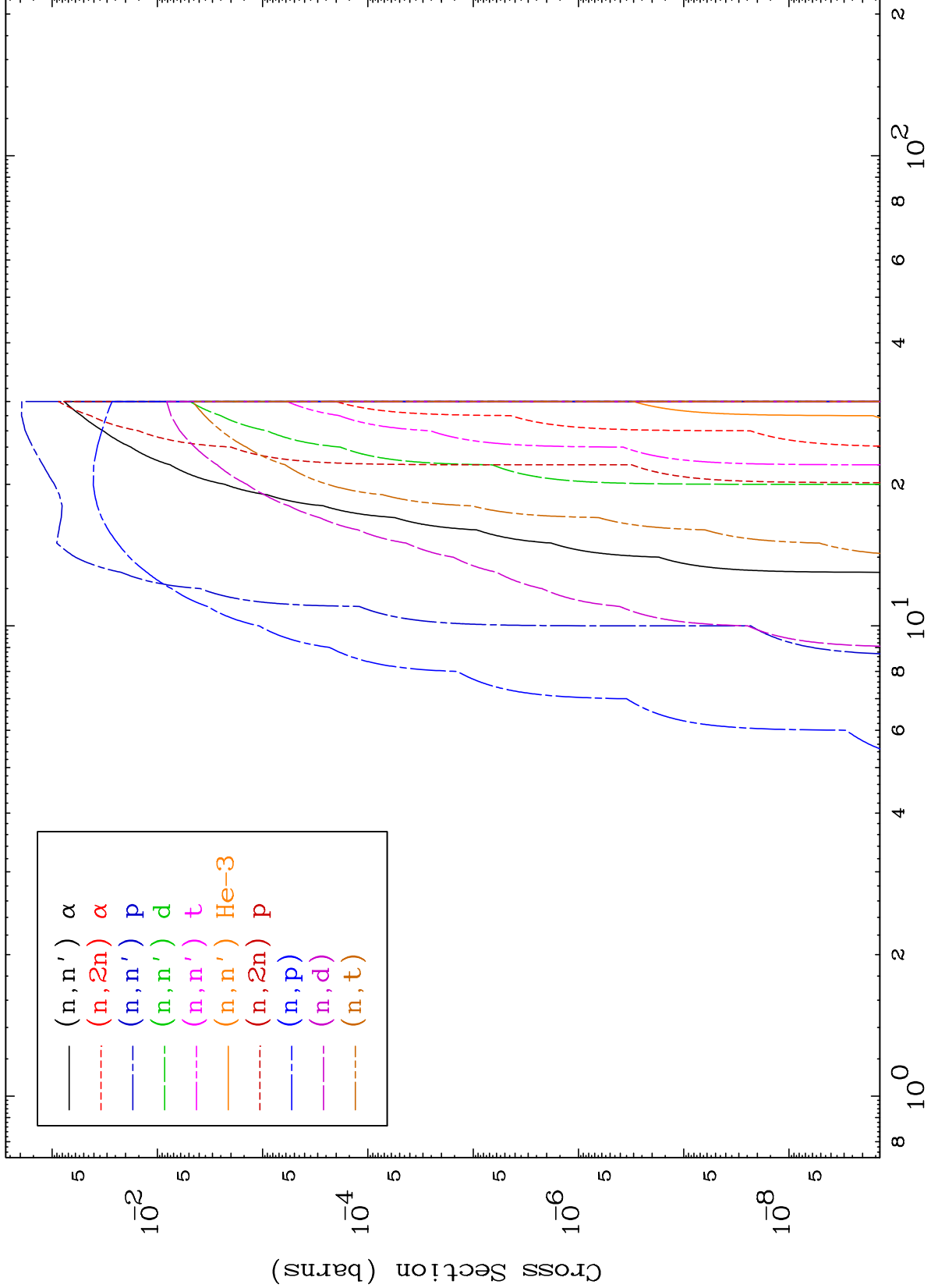
35-Br-80

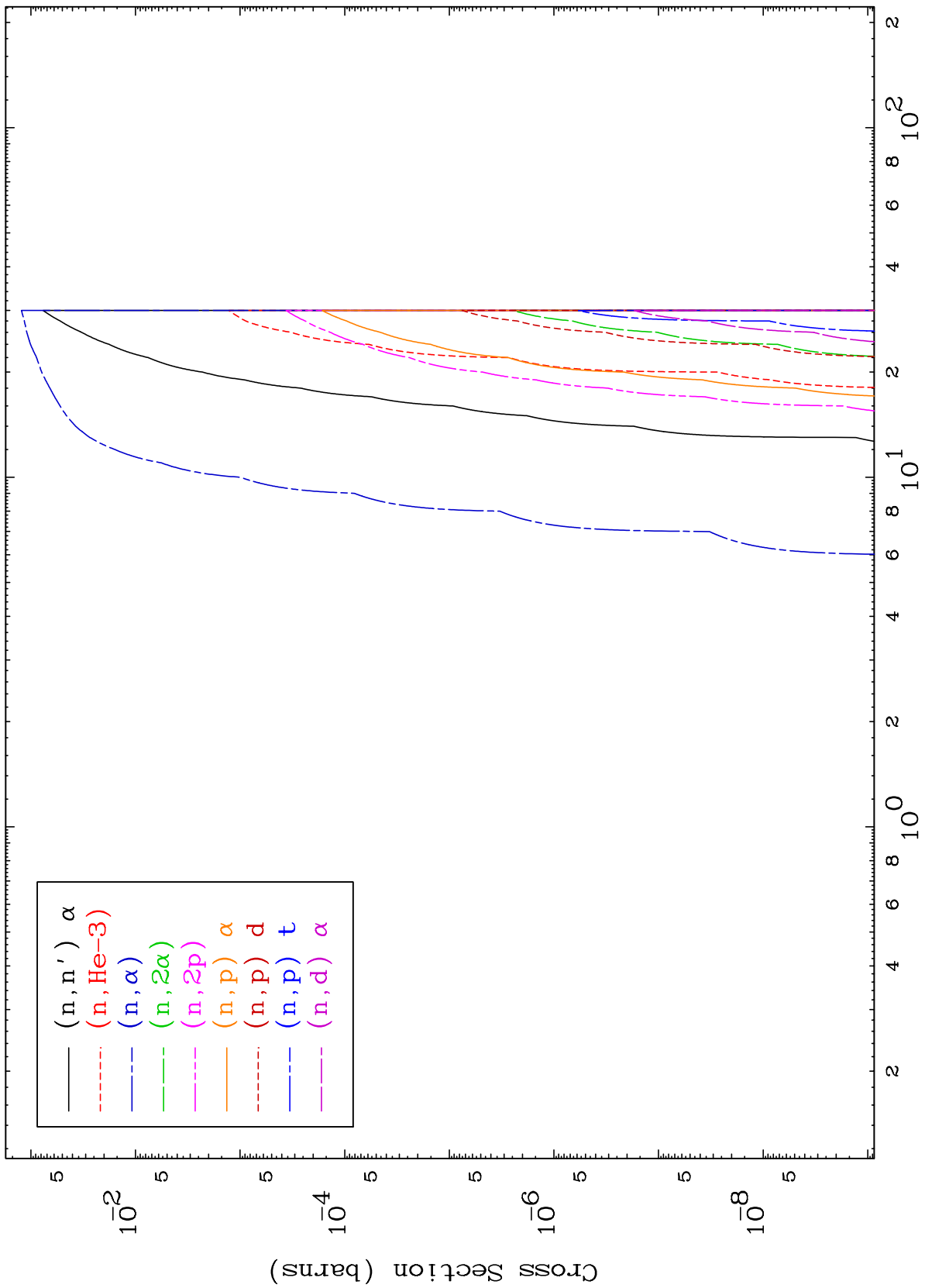
Incident Energy (MeV)

2





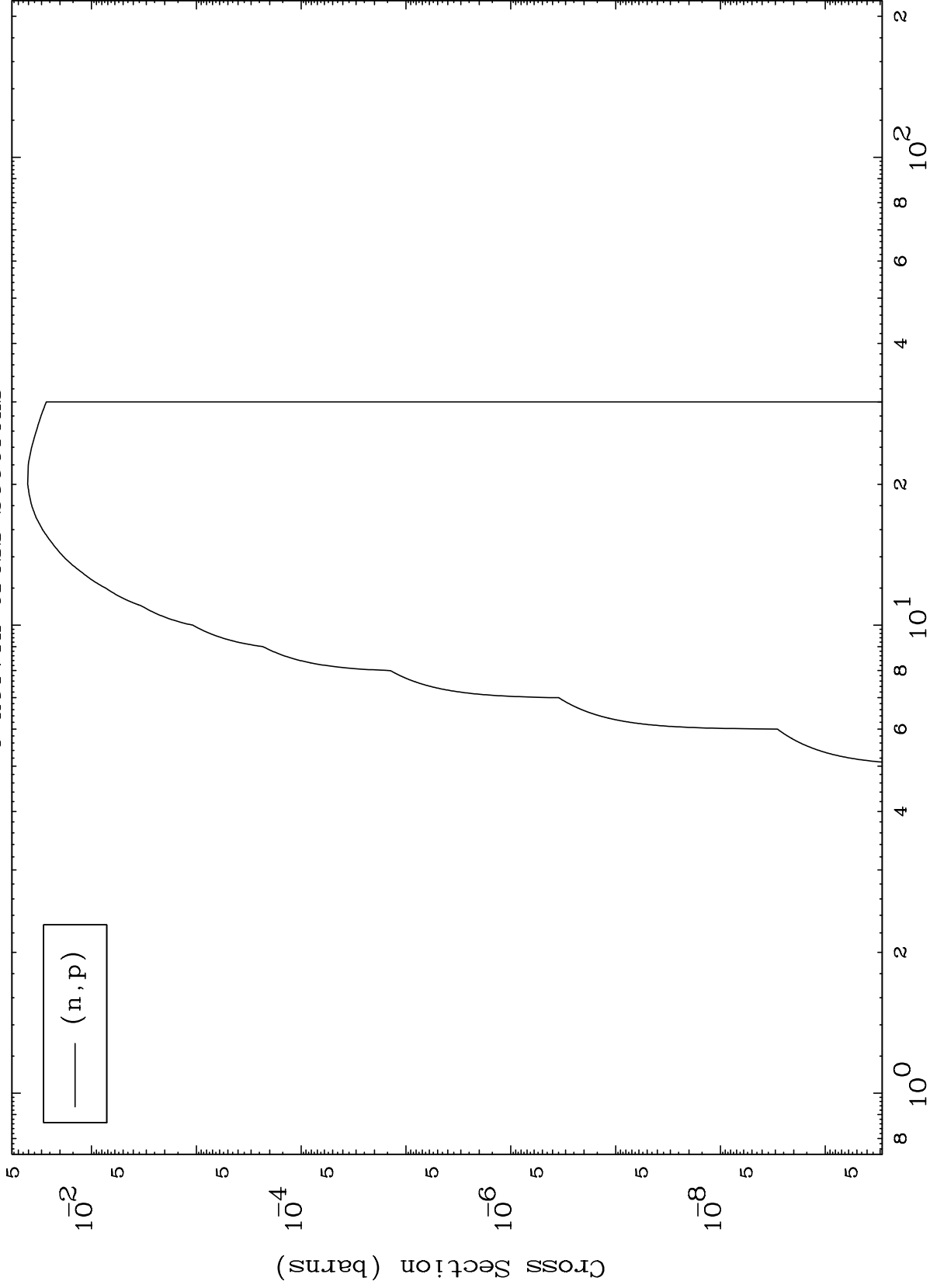




MAT 3528

35-Br-80

(α, p) Levels
0 Kelvin Cross Sections



35-Br-80

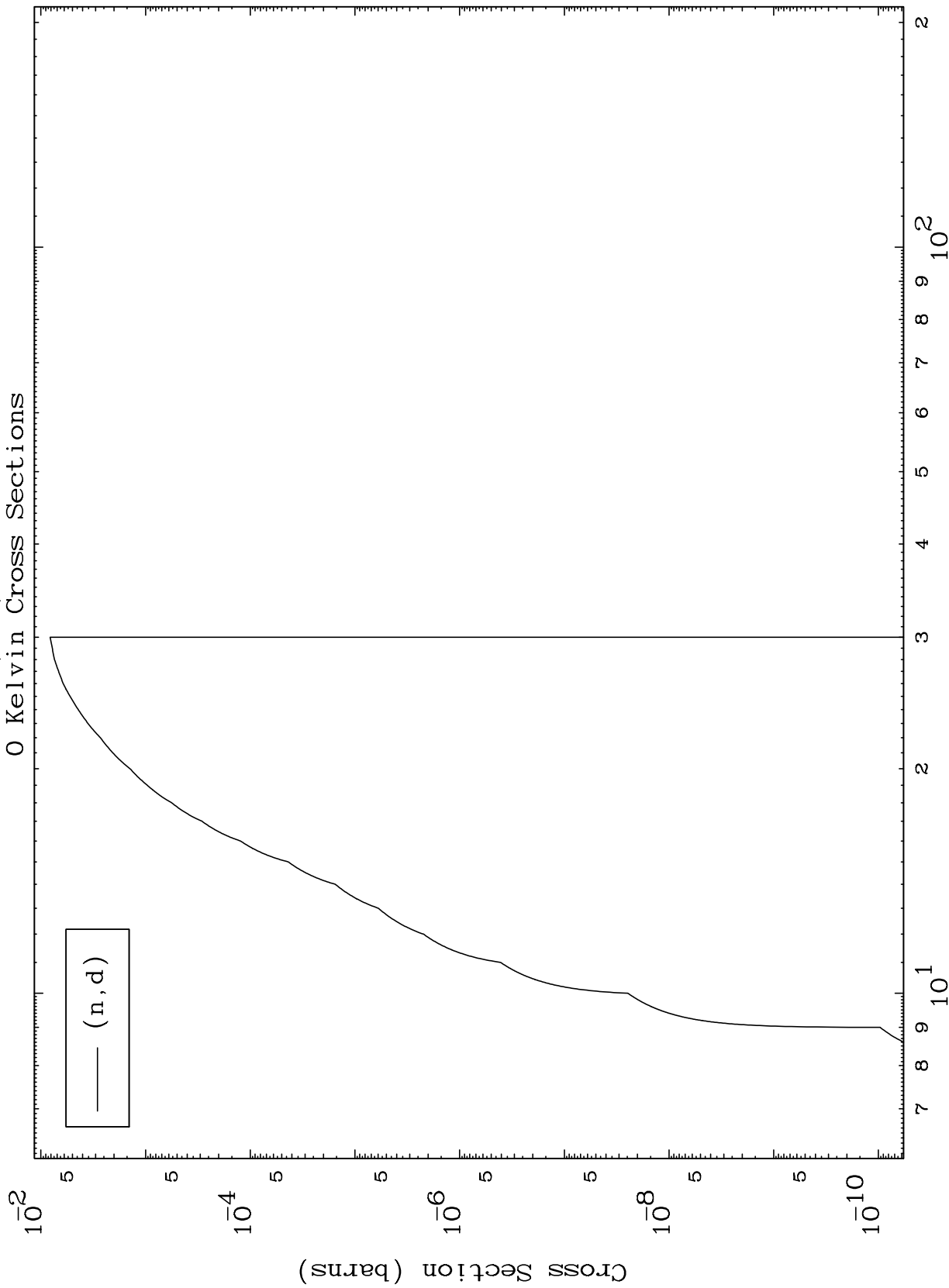
Incident Energy (MeV)

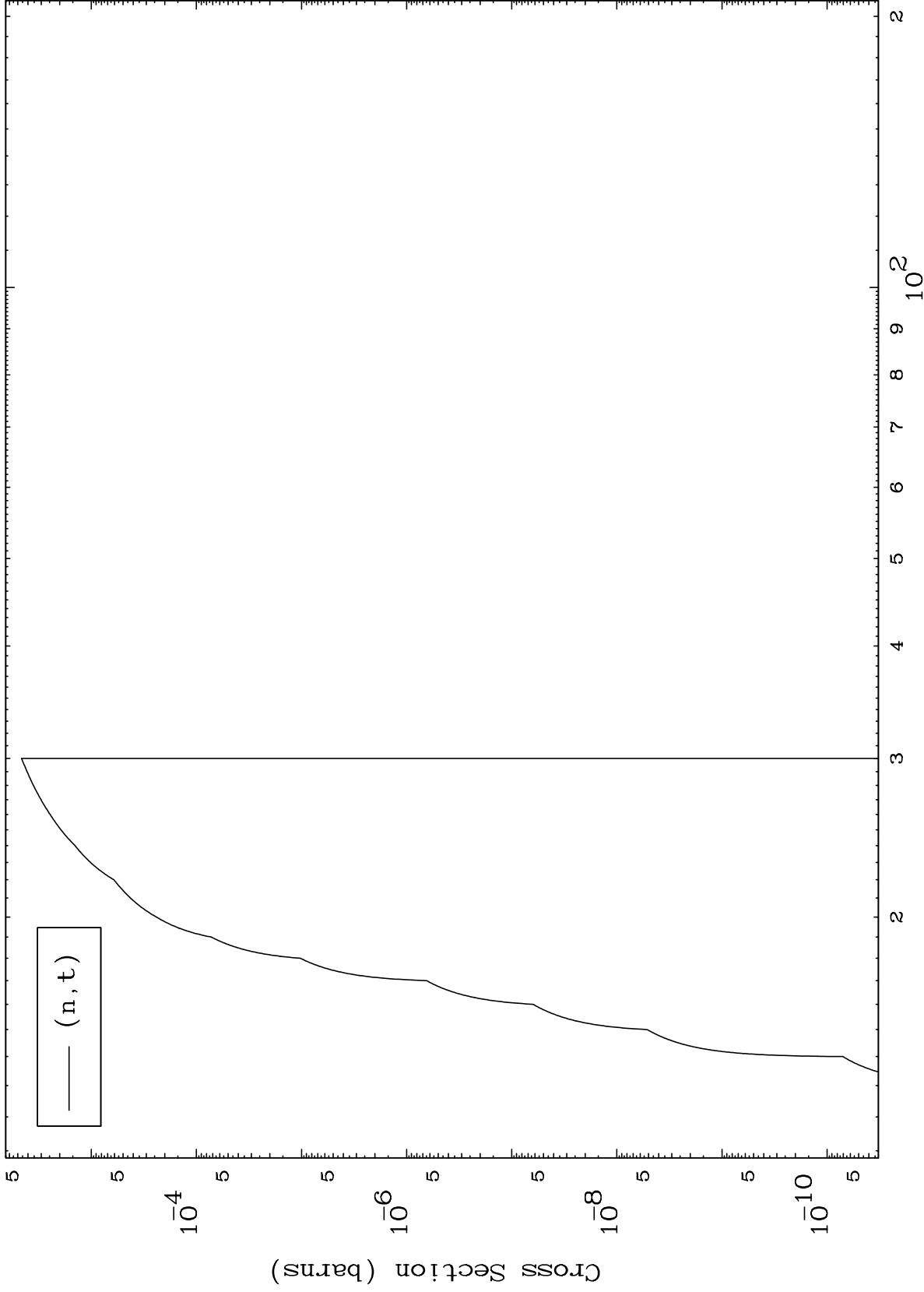
7

MAT 3528

(α, d) Levels
0 Kelvin Cross Sections

$^{35}\text{Br-80}$

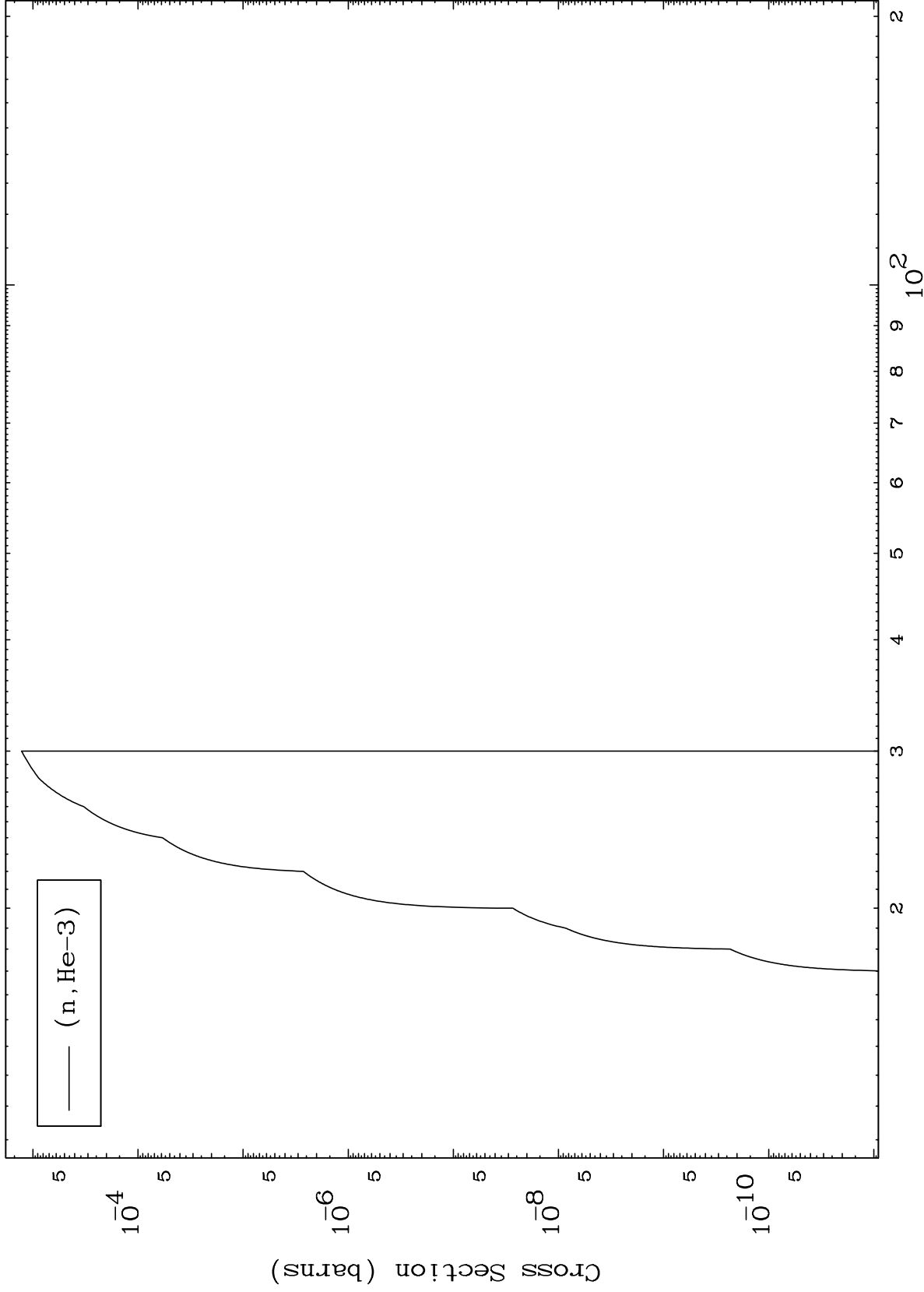




MAT 3528

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

35-Br-80



10

Incident Energy (MeV)

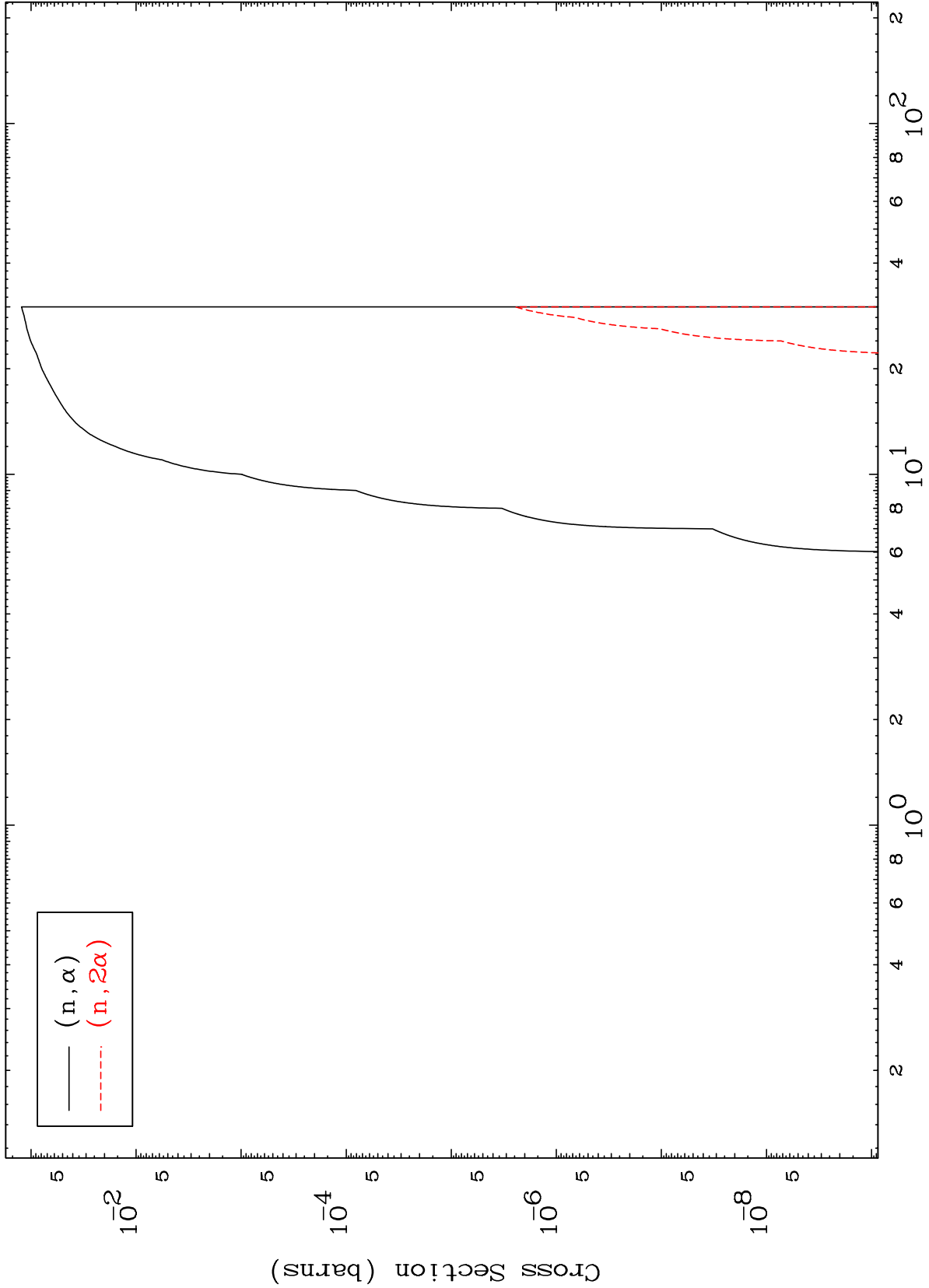
35-Br-80

MAT 3528

(α, α) Levels

$^{35}\text{Br-80}$

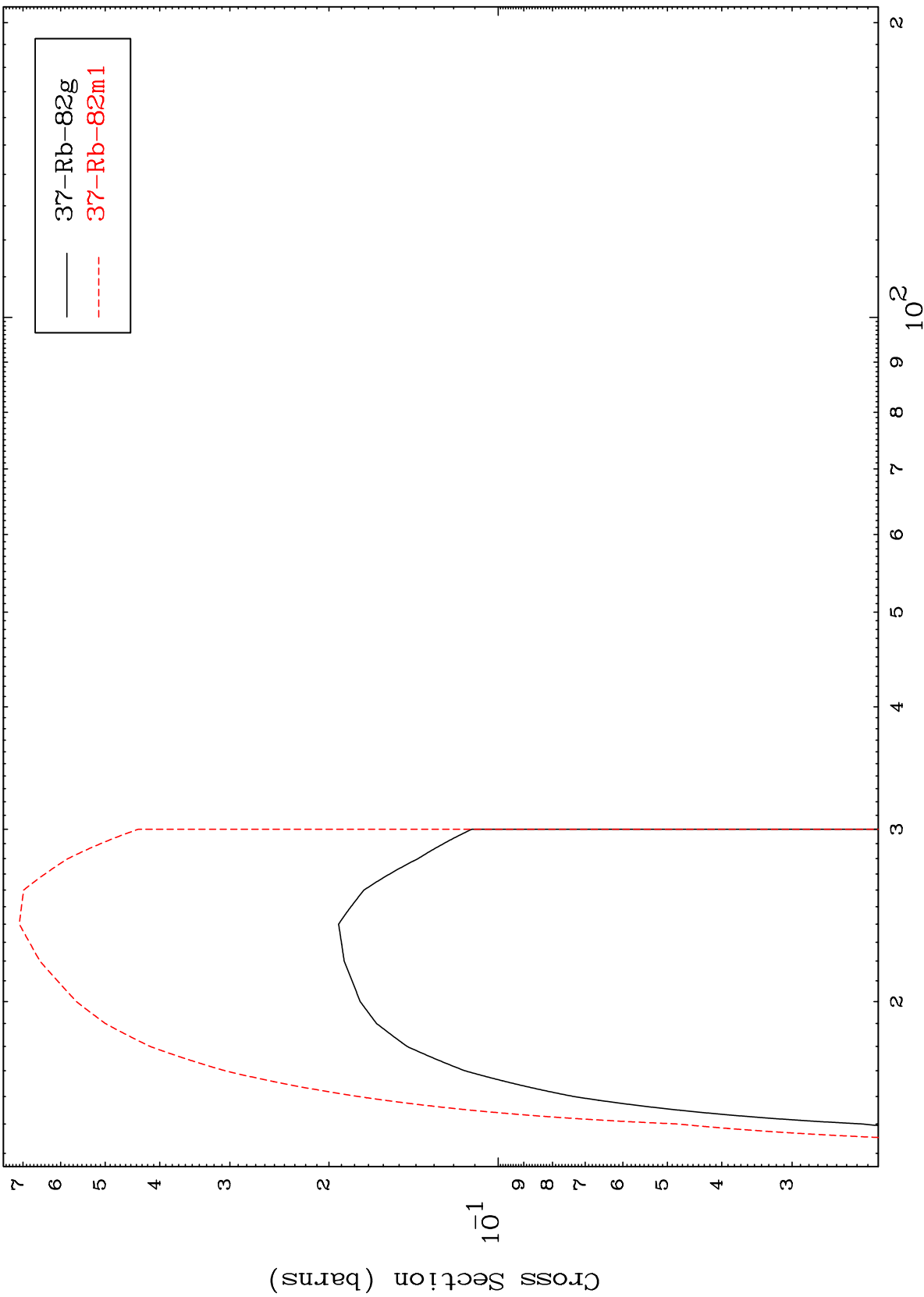
0 Kelvin Cross Sections



MAT 3528

35-Br-80

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

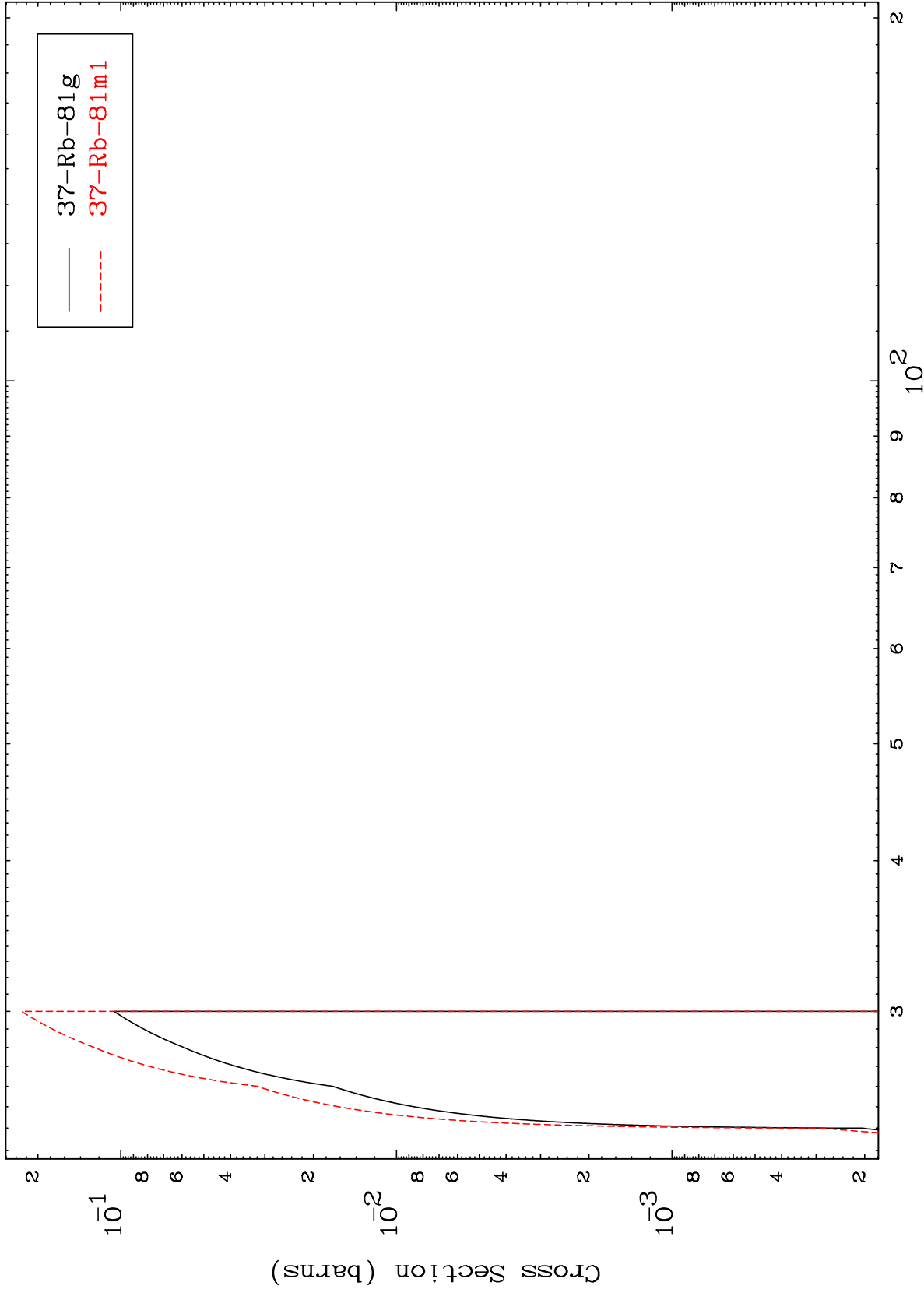
35-Br-80

MAT 3528

(n,3n)

35-Br-80

Radionuclide Production Cross Section



13

Incident Energy (MeV)

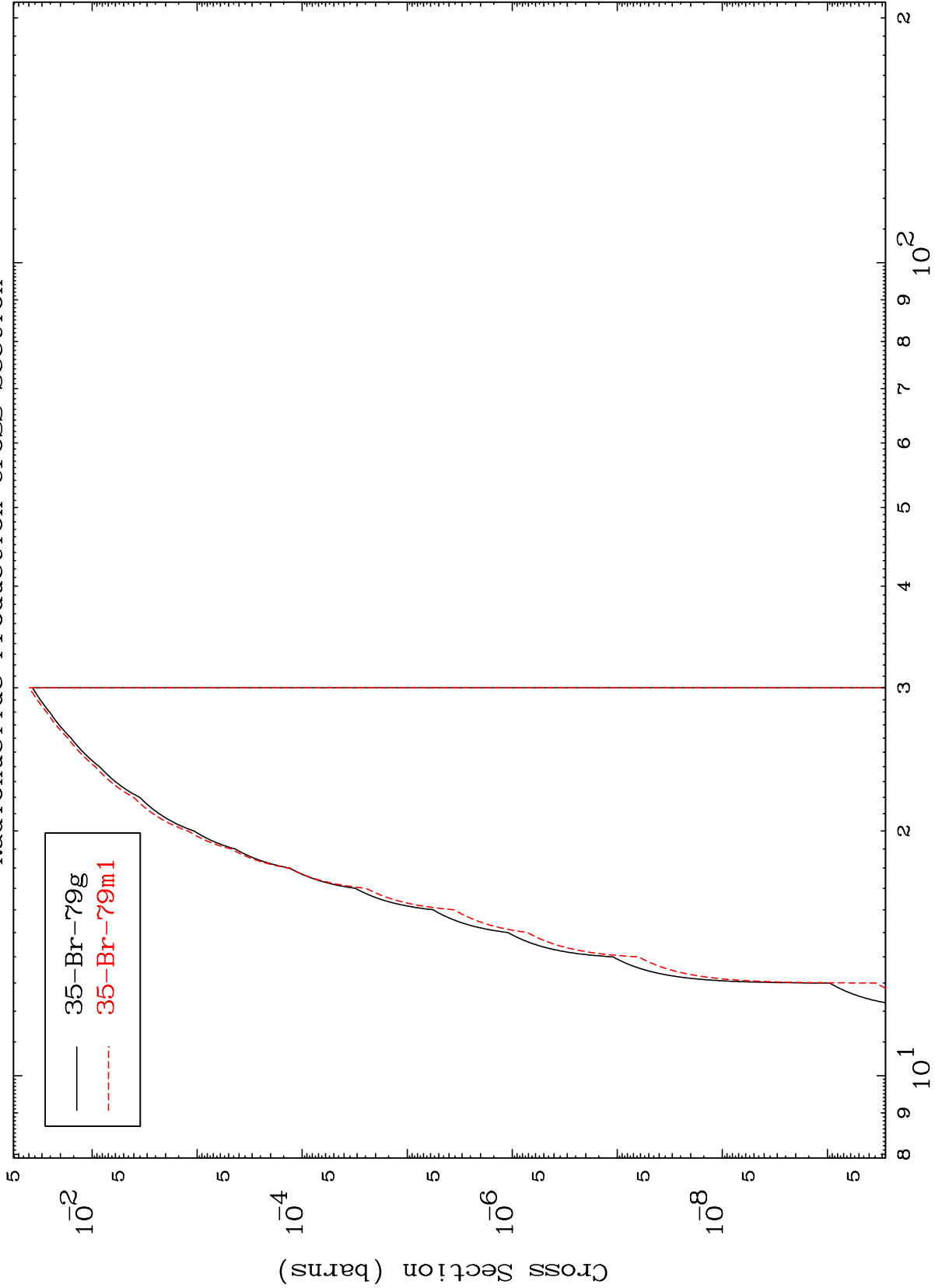
35-Br-80

MAT 3528

³⁵Br-80

(n,n') α

Radionuclide Production Cross Section



³⁵Br-80

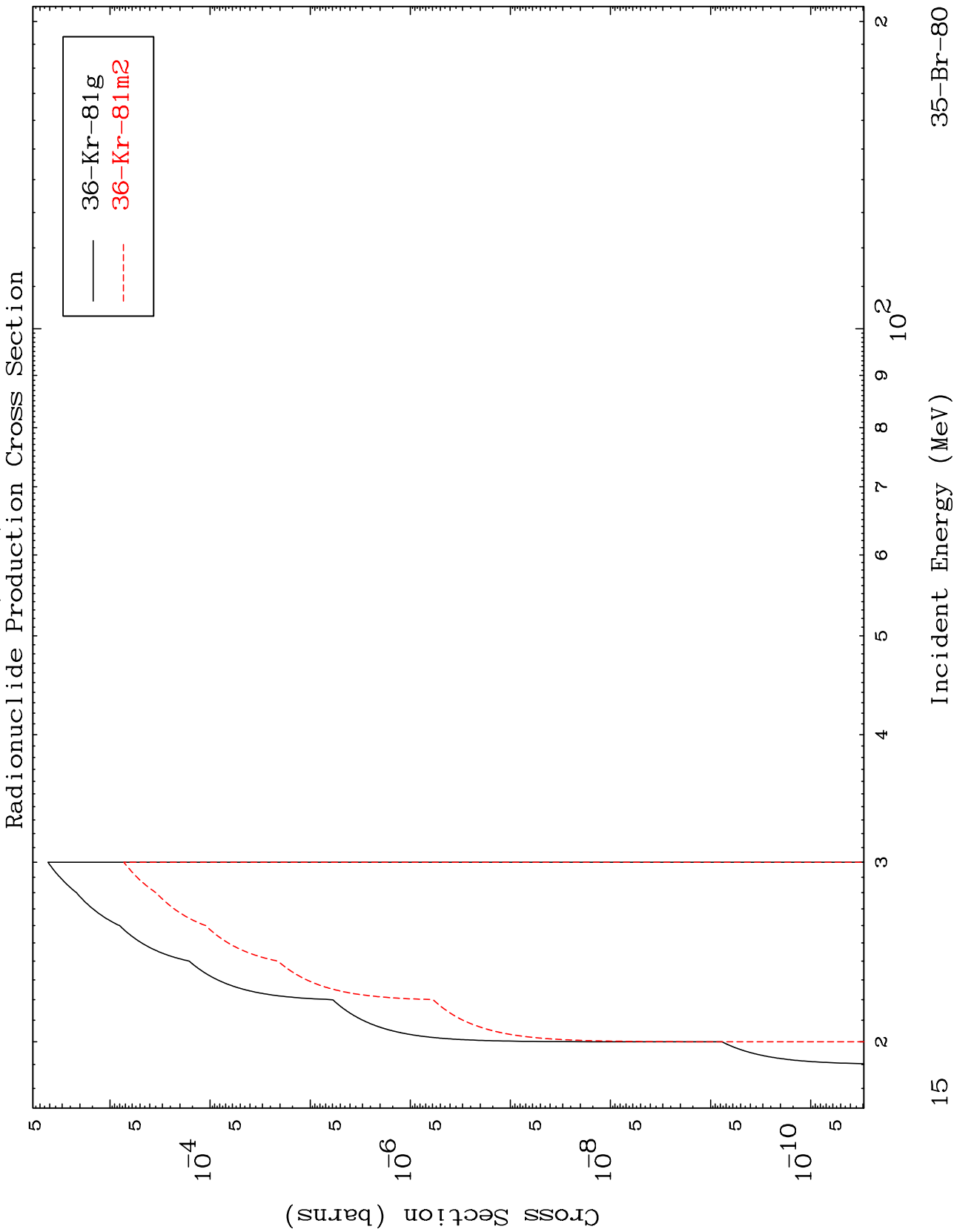
Incident Energy (MeV)

14

MAT 3528

(n,n') d

35-Br-80



15

Incident Energy (MeV)

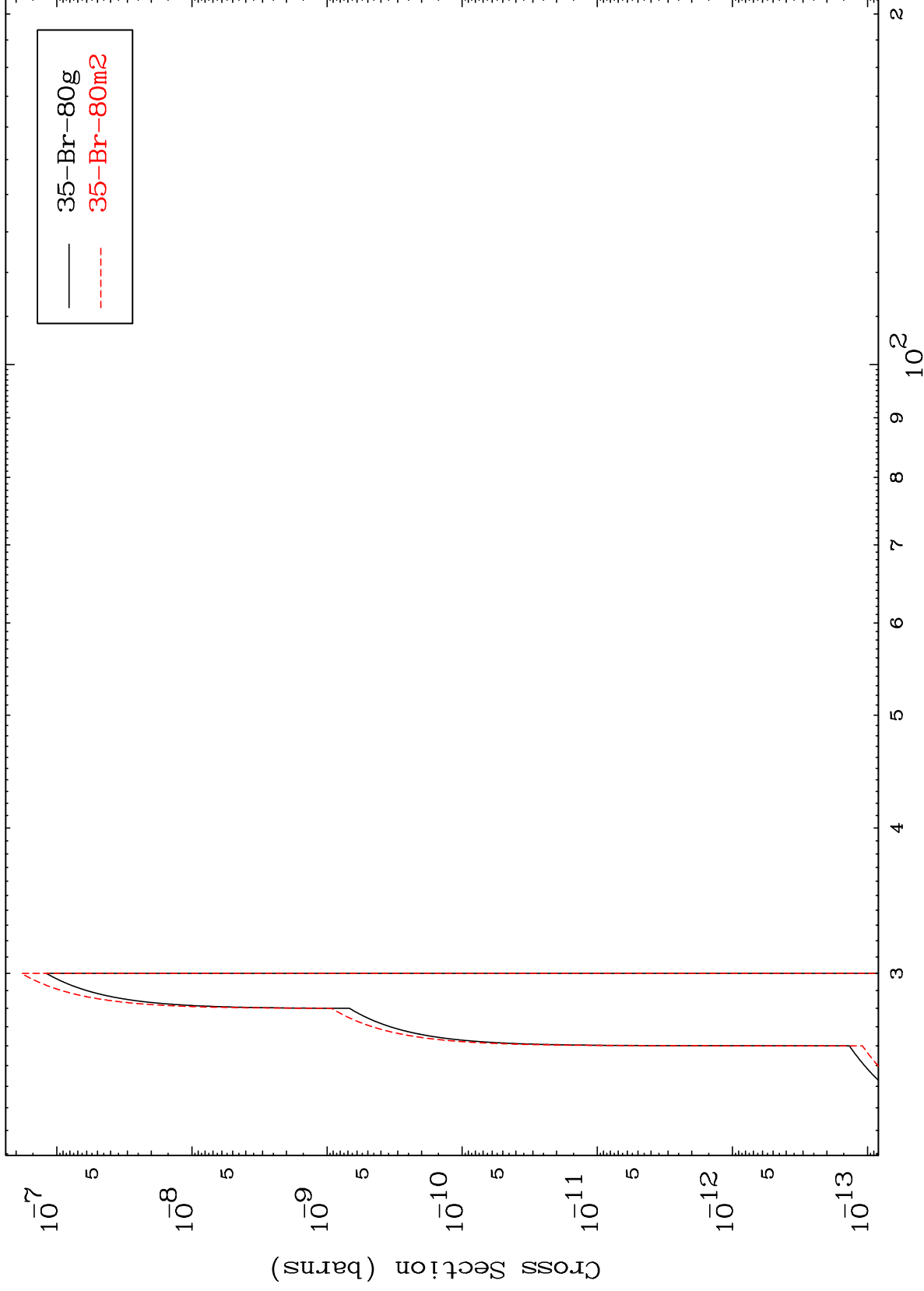
35-Br-80

MAT 3528

(n,n') He-3

35-Br-80

Radionuclide Production Cross Section



16

Incident Energy (MeV)

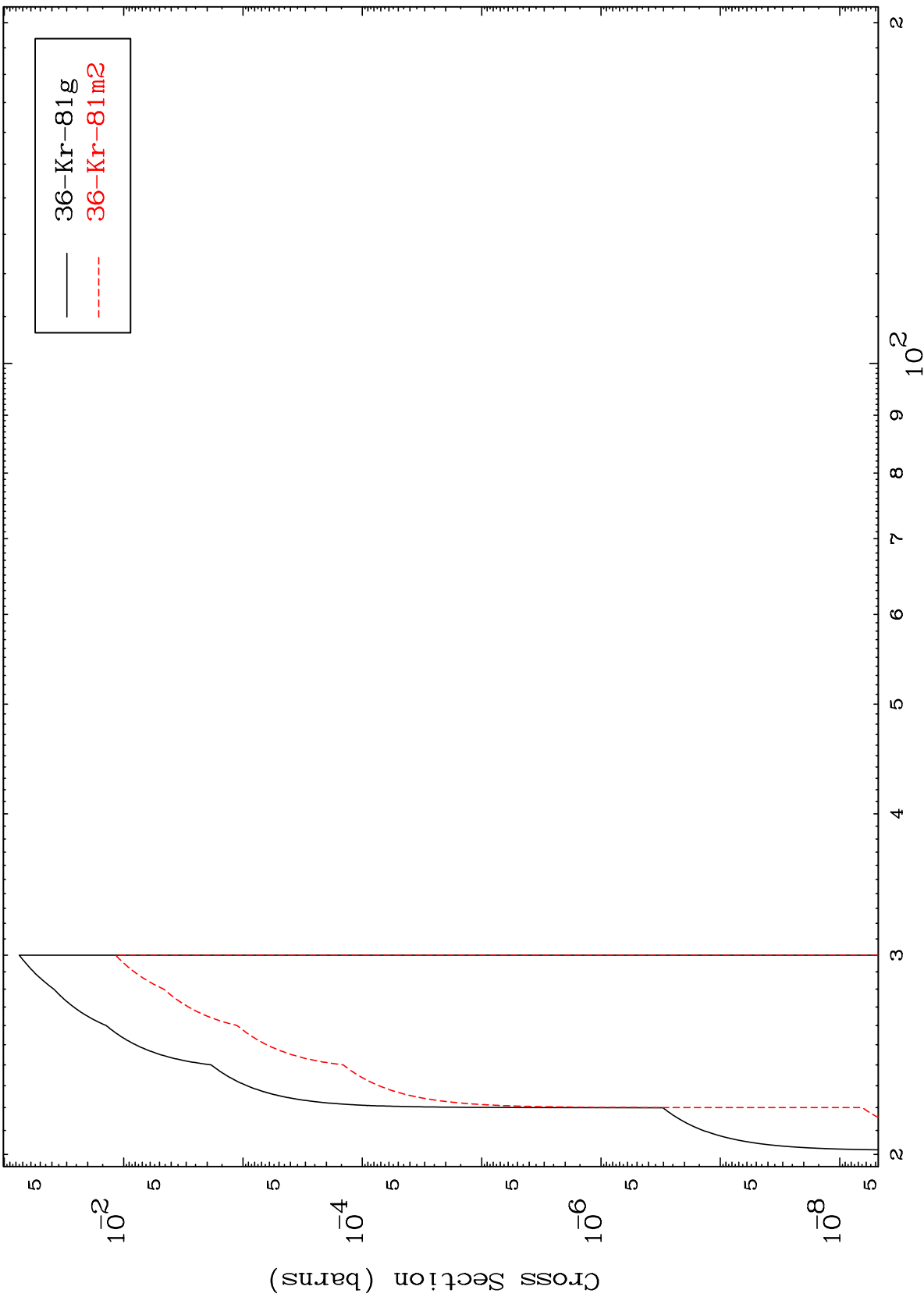
35-Br-80

MAT 3528

(n,2n) p

35-Br-80

Radionuclide Production Cross Section



17

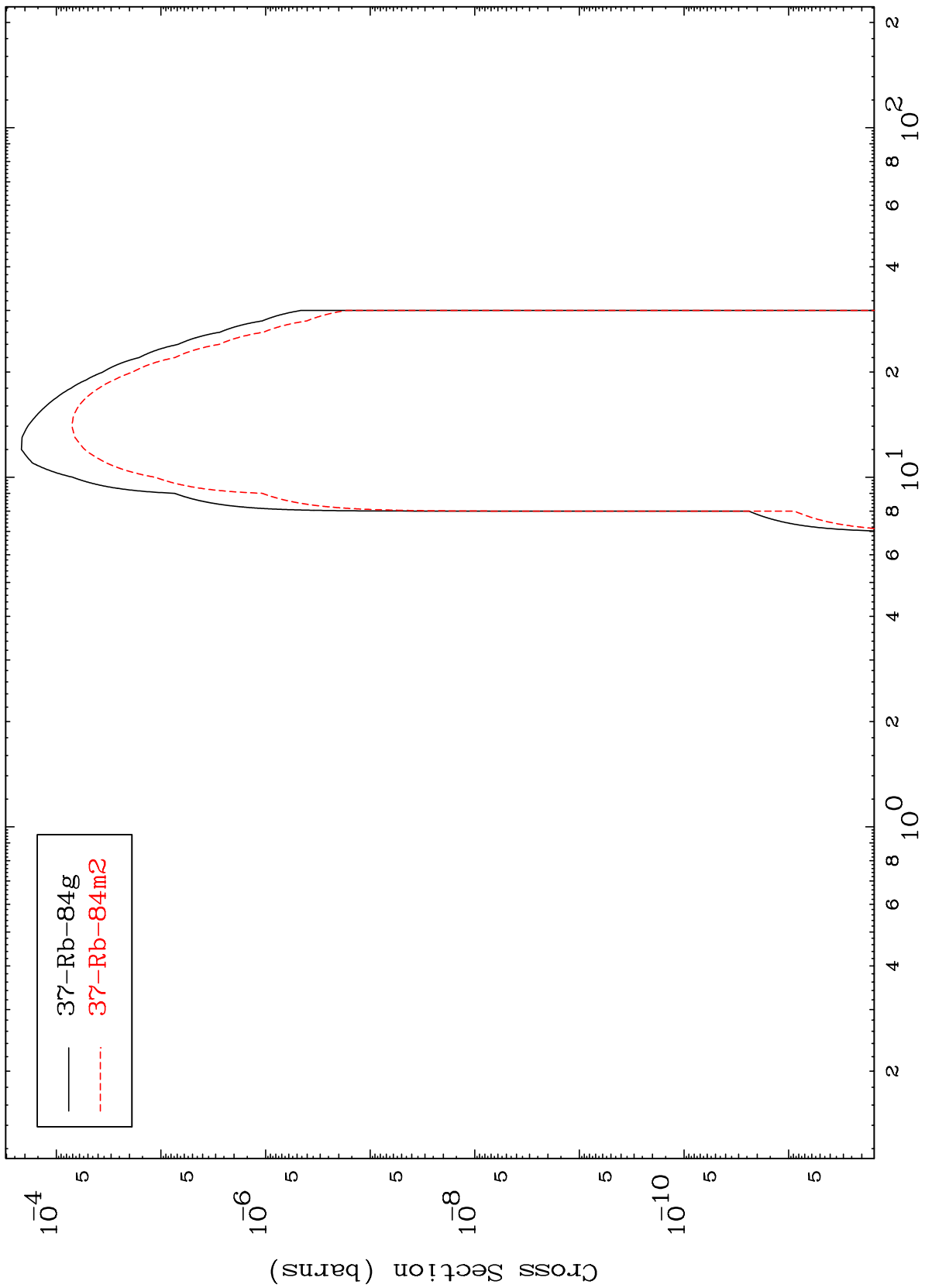
Incident Energy (MeV)

35-Br-80

MAT 3528

35-Br-80

(n, γ)
Radionuclide Production Cross Section



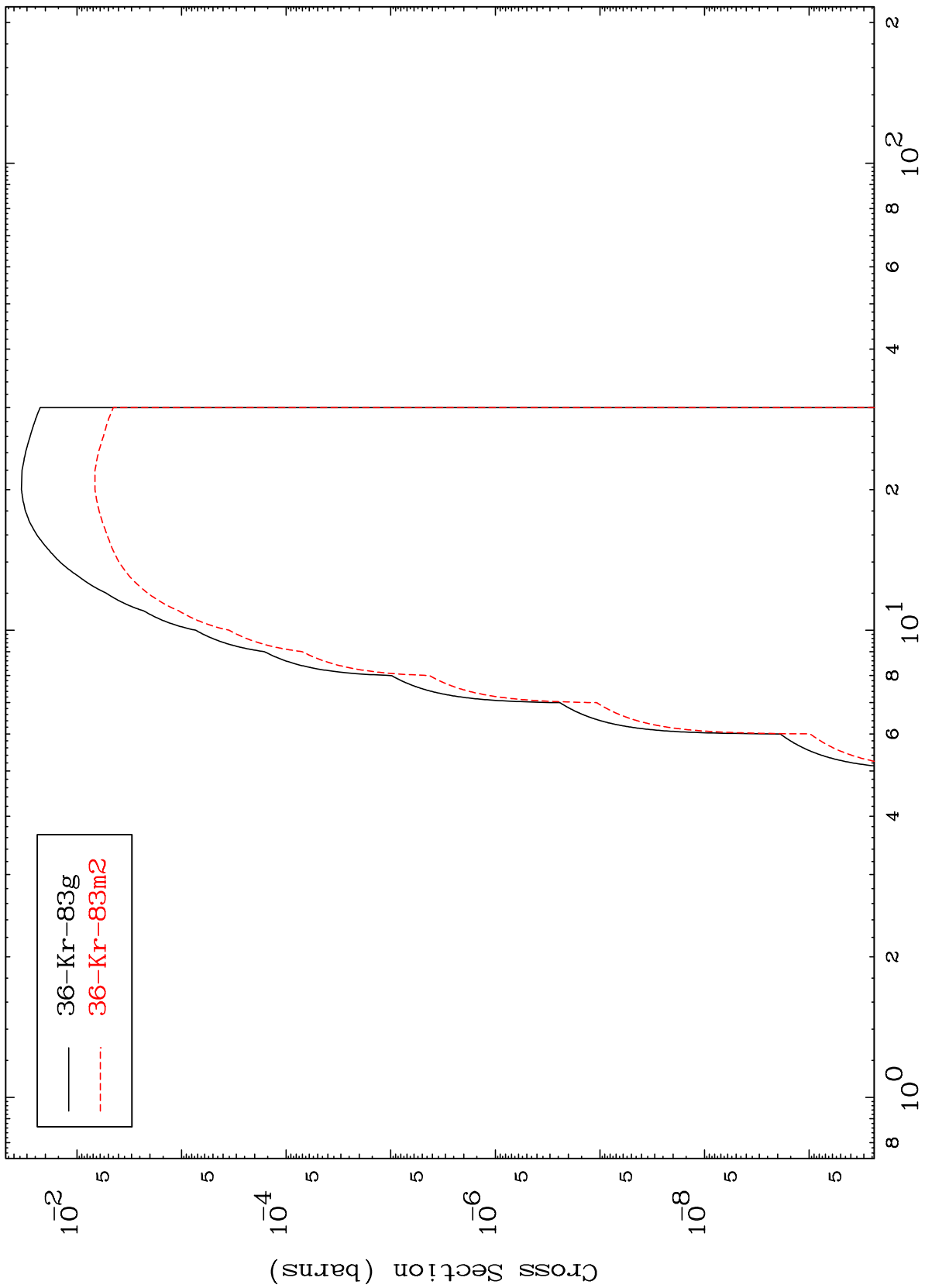
18

35-Br-80

MAT 3528

35-Br-80

(n,p)
Radionuclide Production Cross Section



19

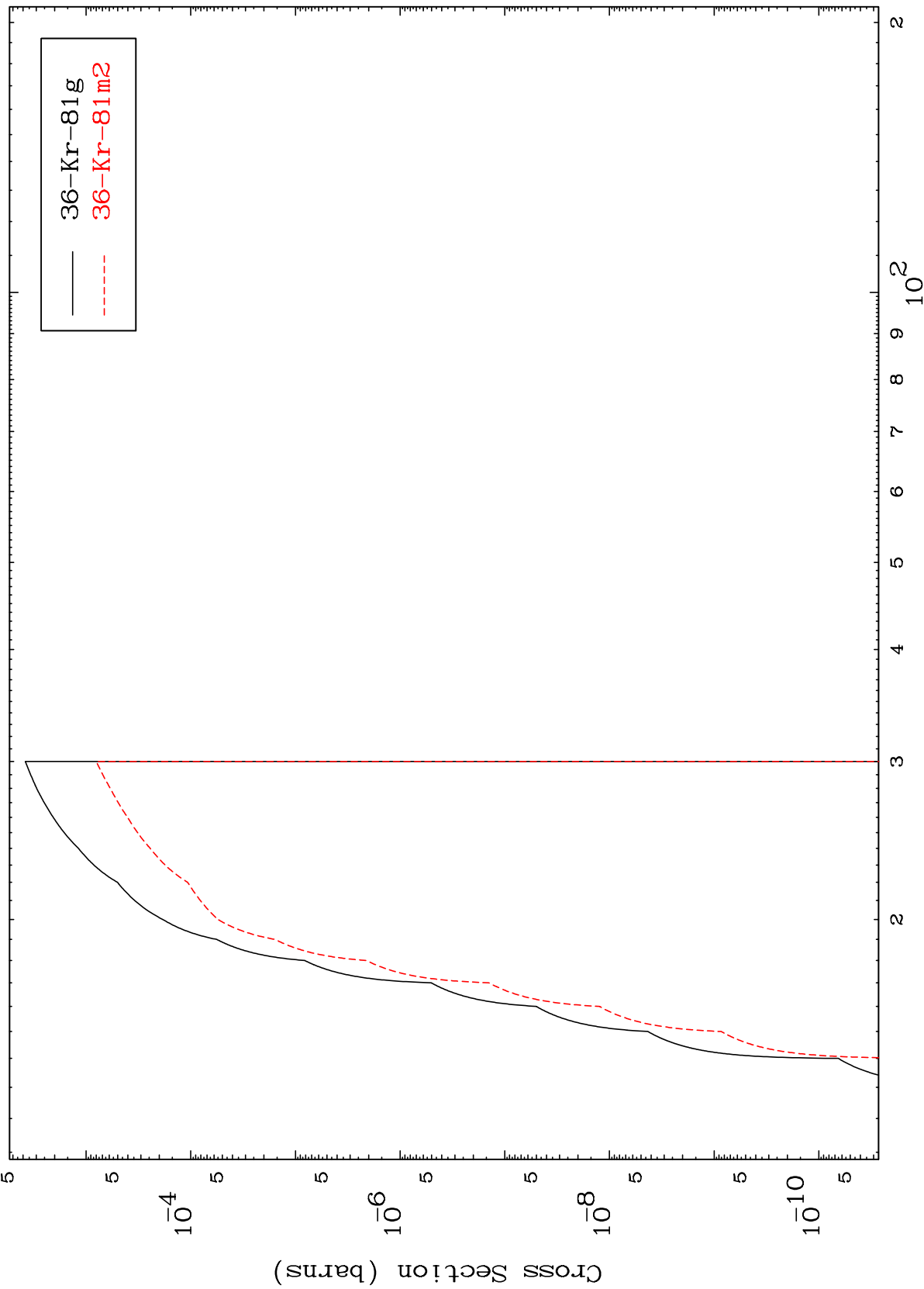
Incident Energy (MeV)

35-Br-80

MAT 3528

35-Br-80

(n, t)
Radionuclide Production Cross Section



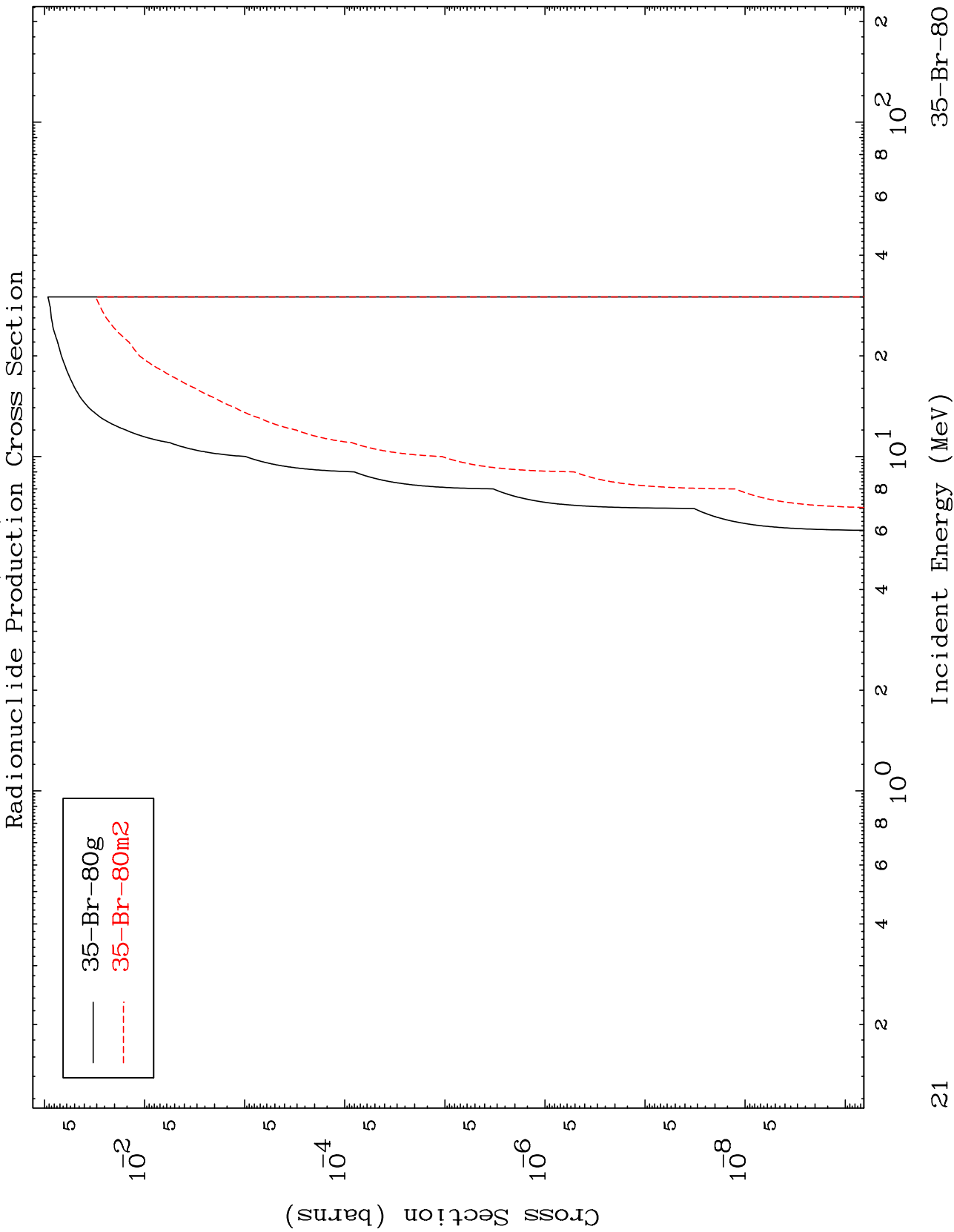
20

Incident Energy (MeV)

35-Br-80

MAT 3528

³⁵Br-80



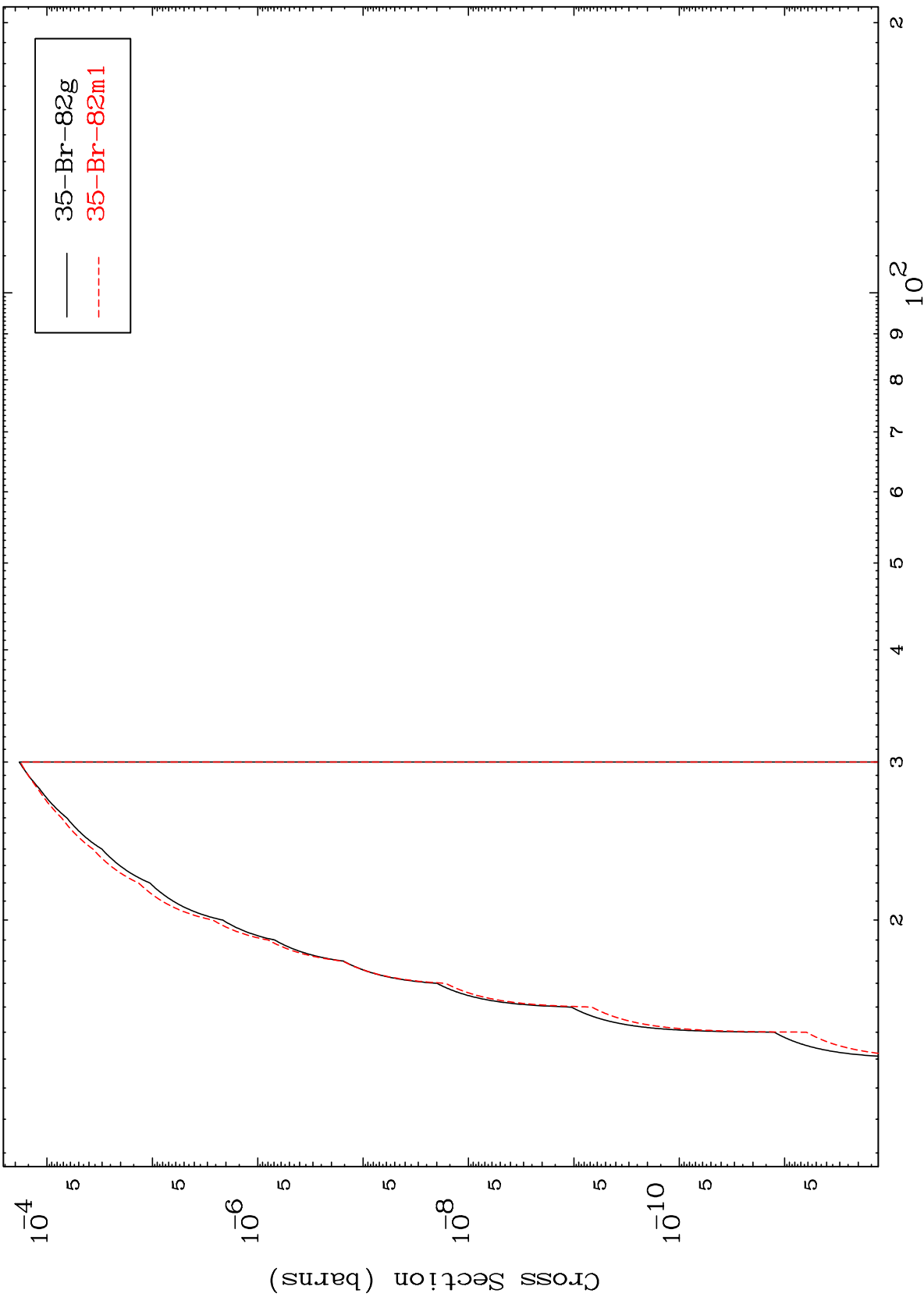
³⁵Br-80

Incident Energy (MeV)

MAT 3528

³⁵Br-80

(n,2p)
Radionuclide Production Cross Section



22

³⁵Br-80

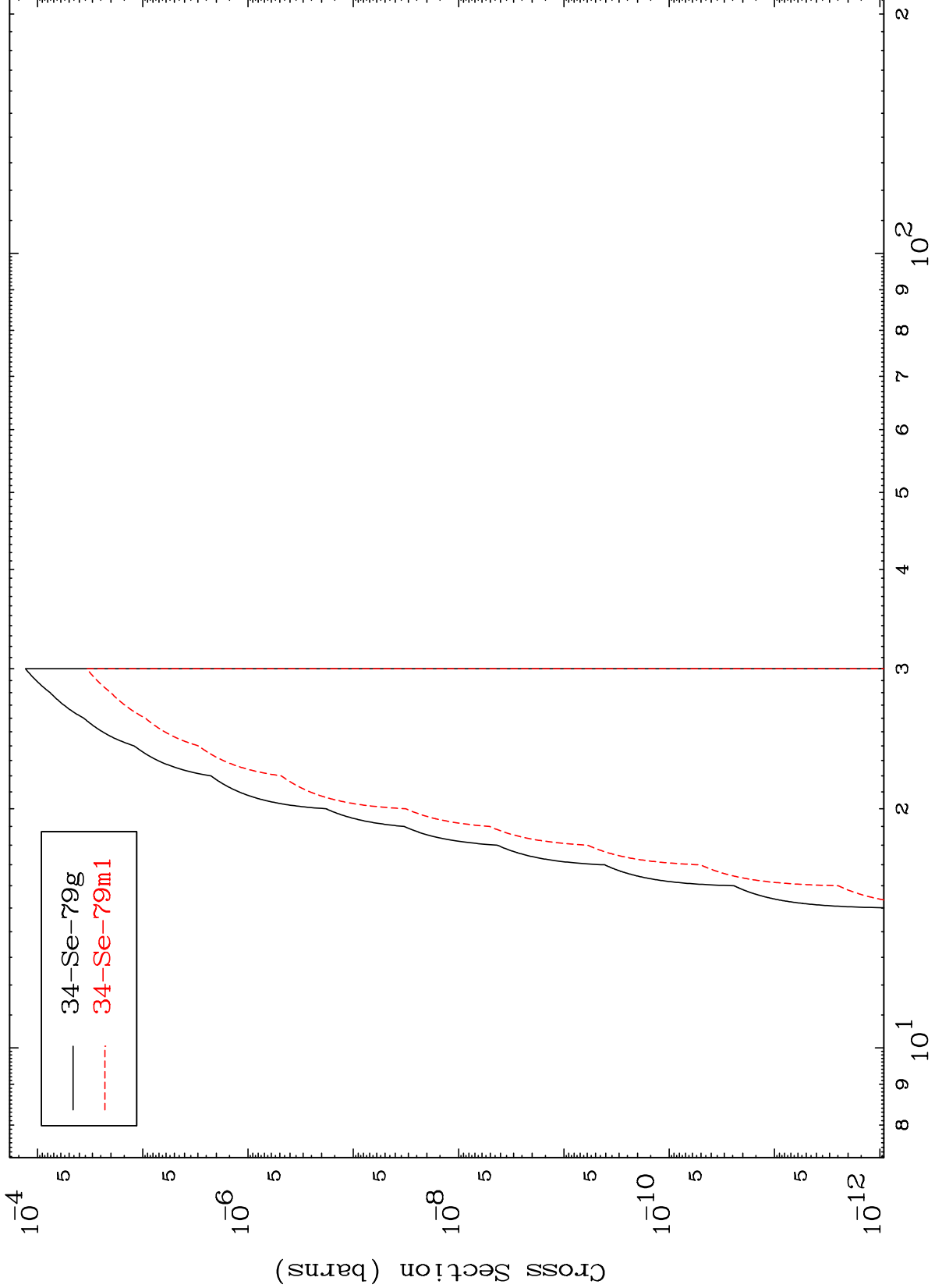
Incident Energy (MeV)

MAT 3528

(n,p) α

³⁵Br-80

Radionuclide Production Cross Section

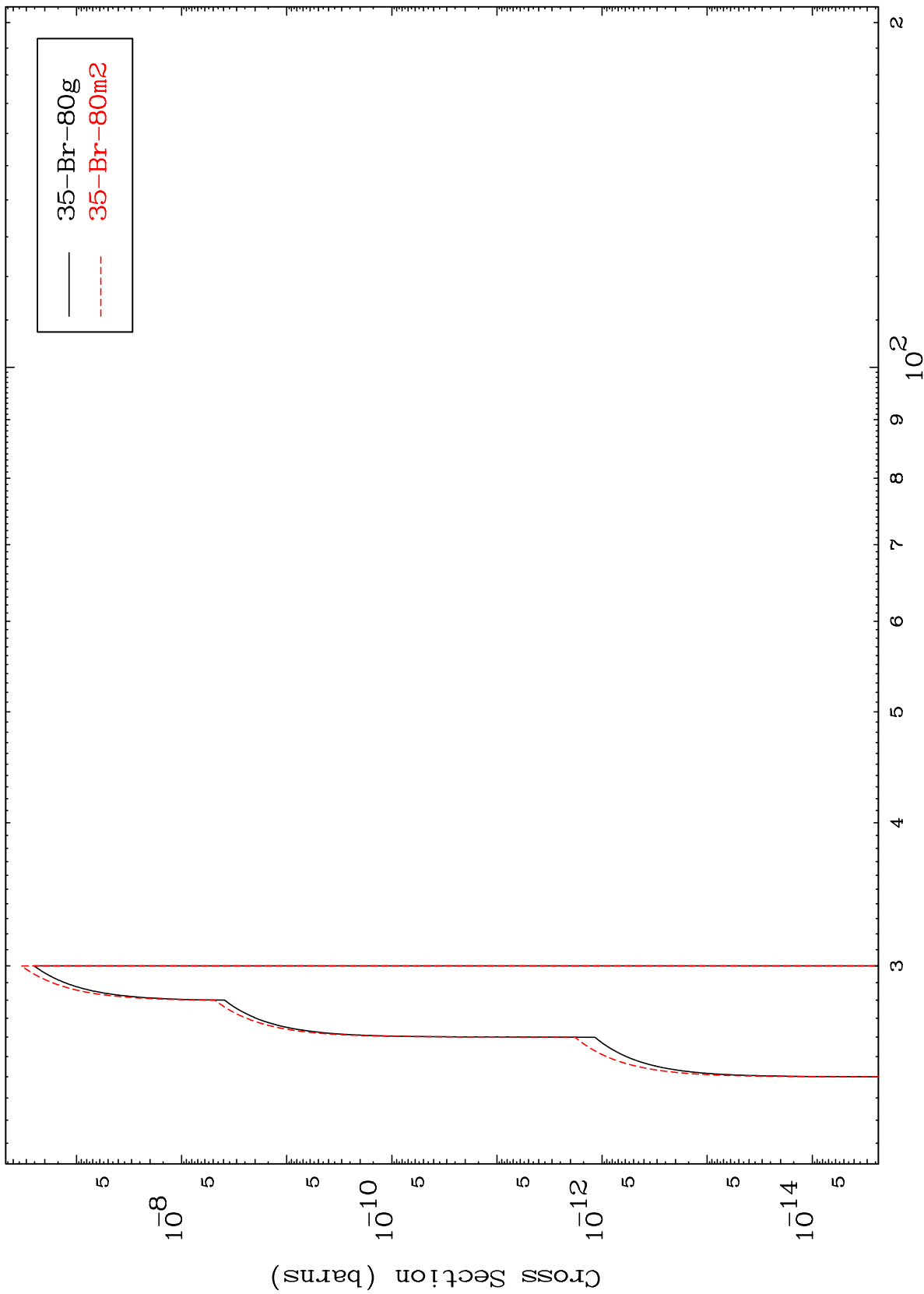


MAT 3528

(n,p) t

³⁵Br-80

Radionuclide Production Cross Section



24

Incident Energy (MeV)

³⁵Br-80