

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

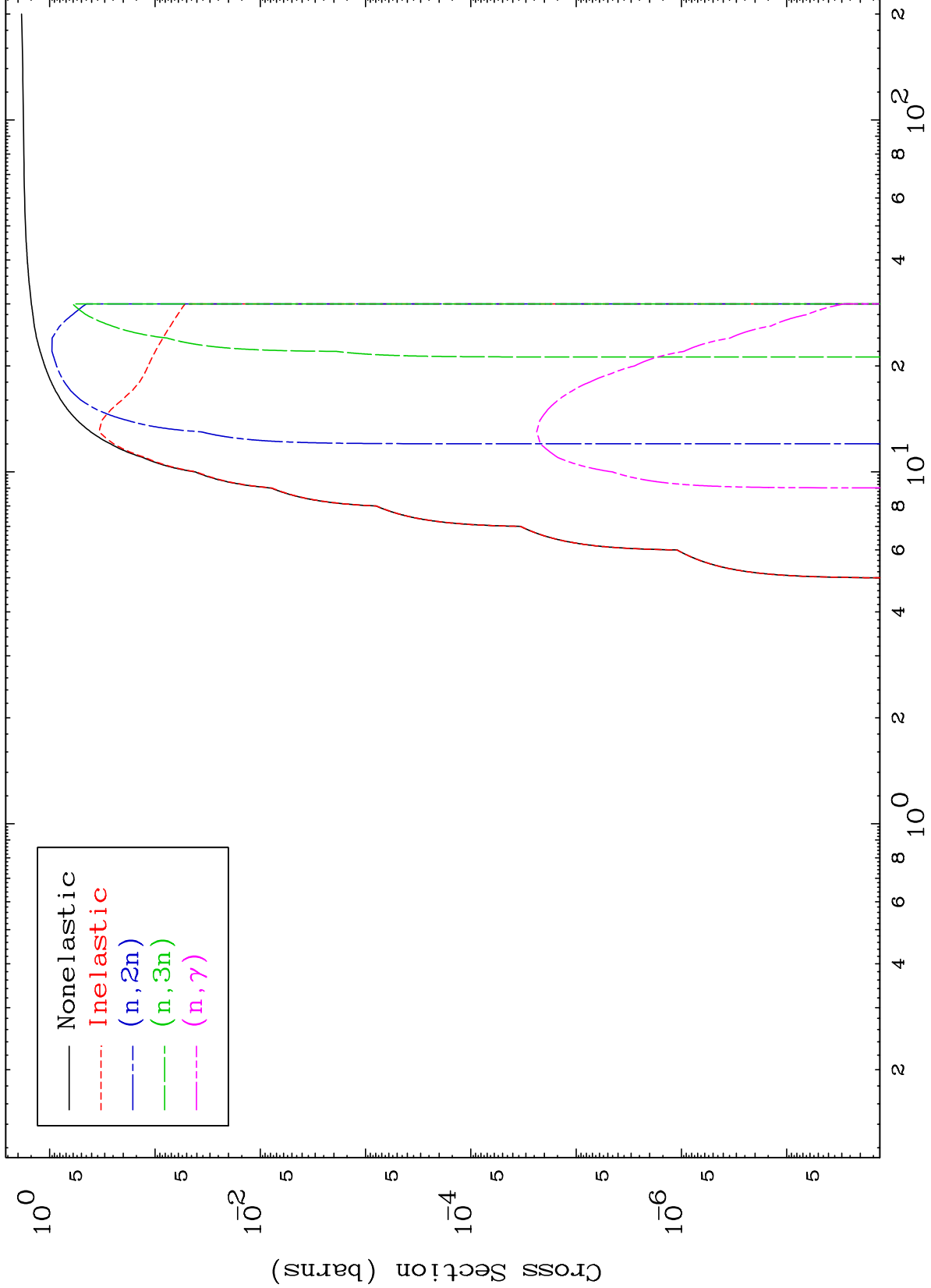
Press Mouse Button to Start

MAT 3534

α Major

35-Br-82

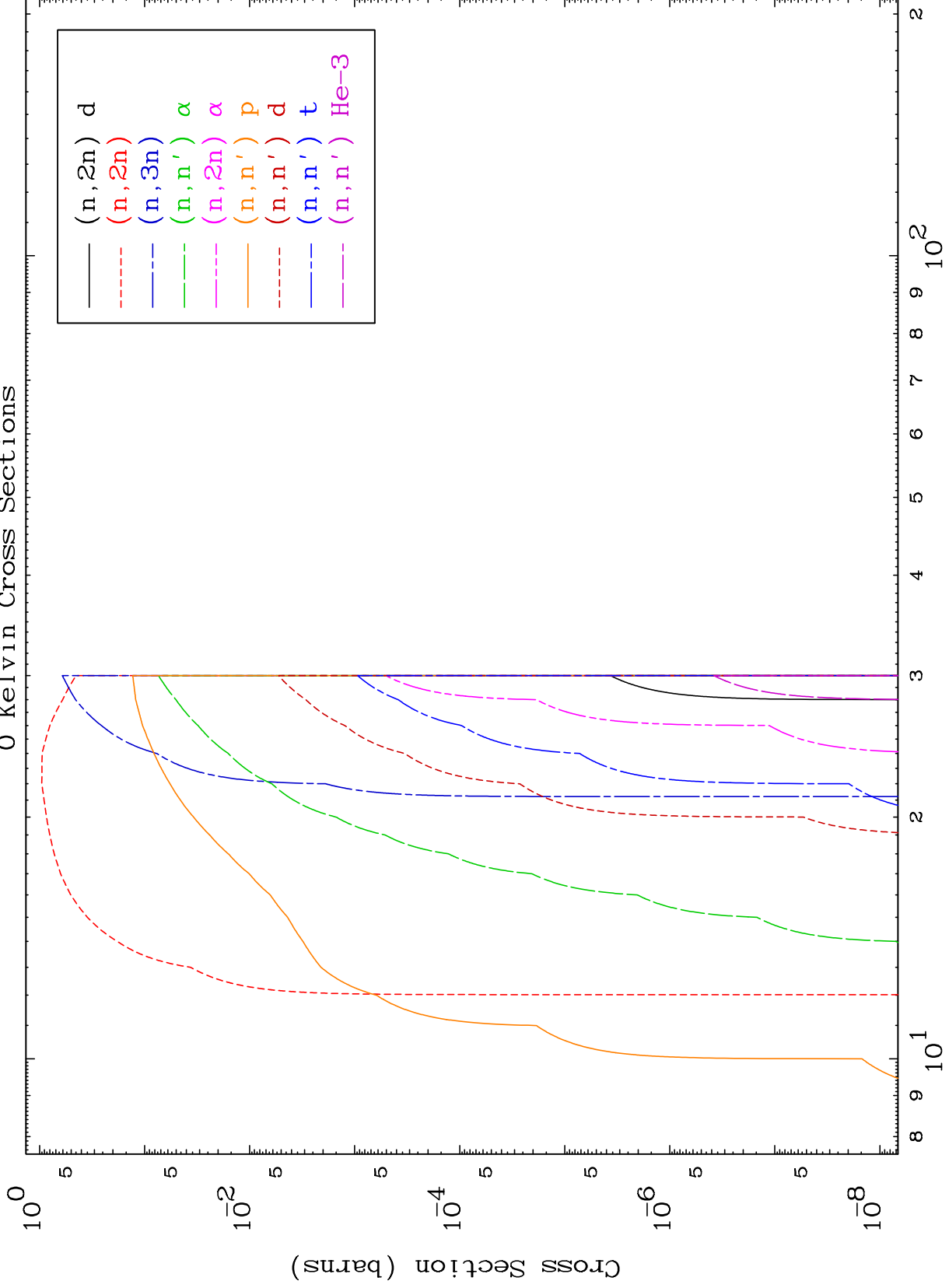
0 Kelvin Cross Sections



MAT 3534

α Neutron Absorption
0 Kelvin Cross Sections

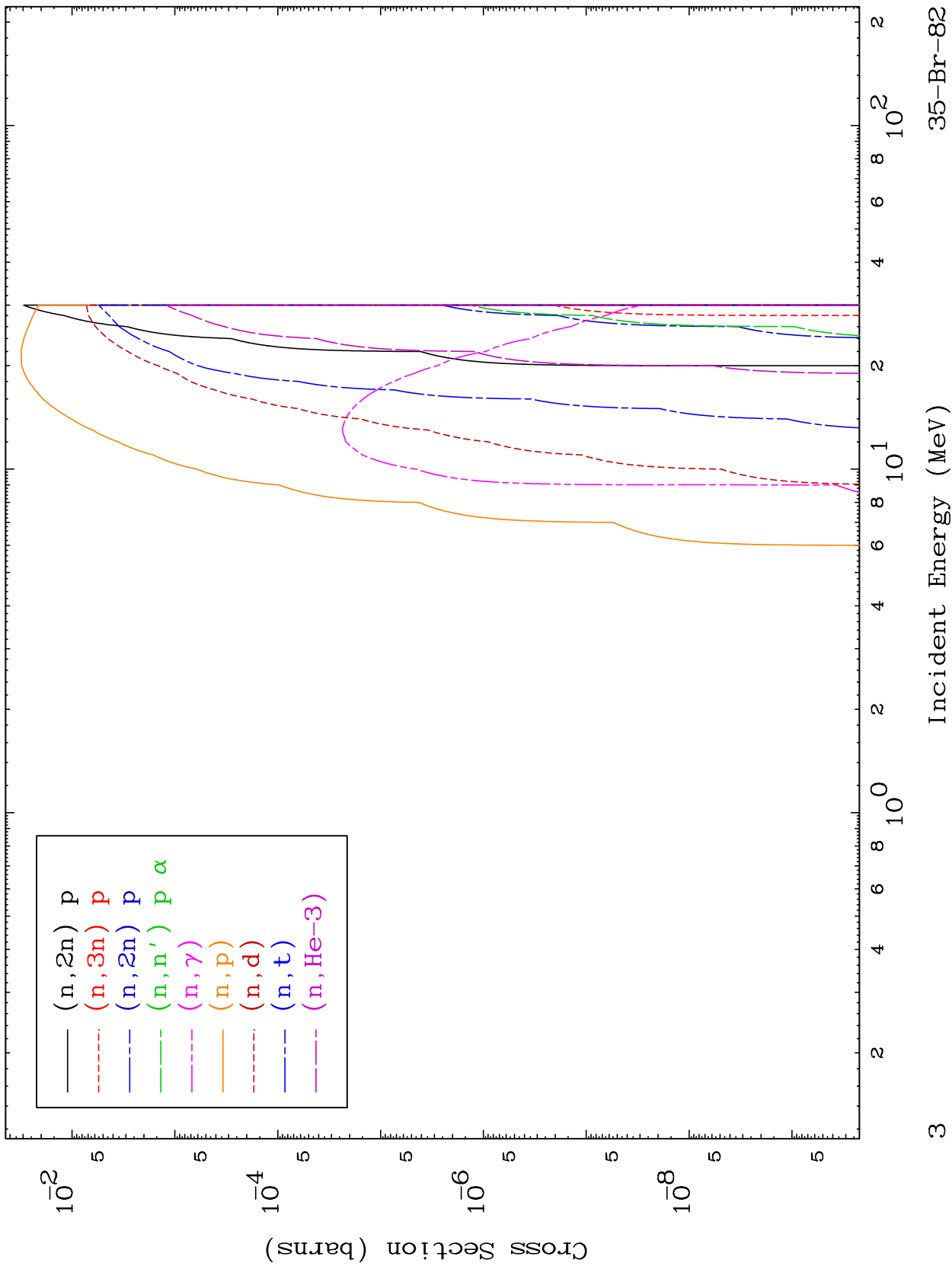
35-Br-82



35-Br-82

Incident Energy (MeV)

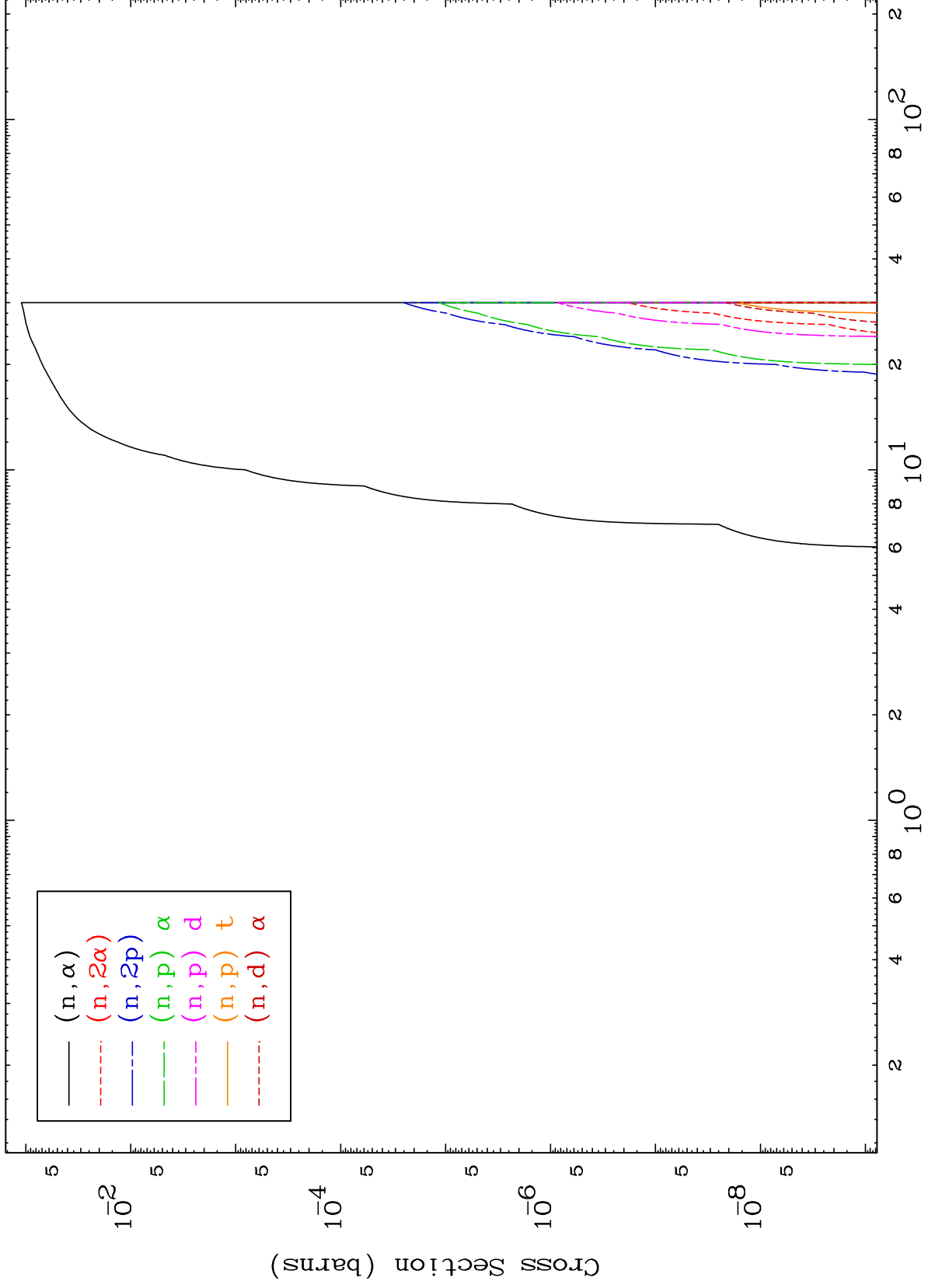
2

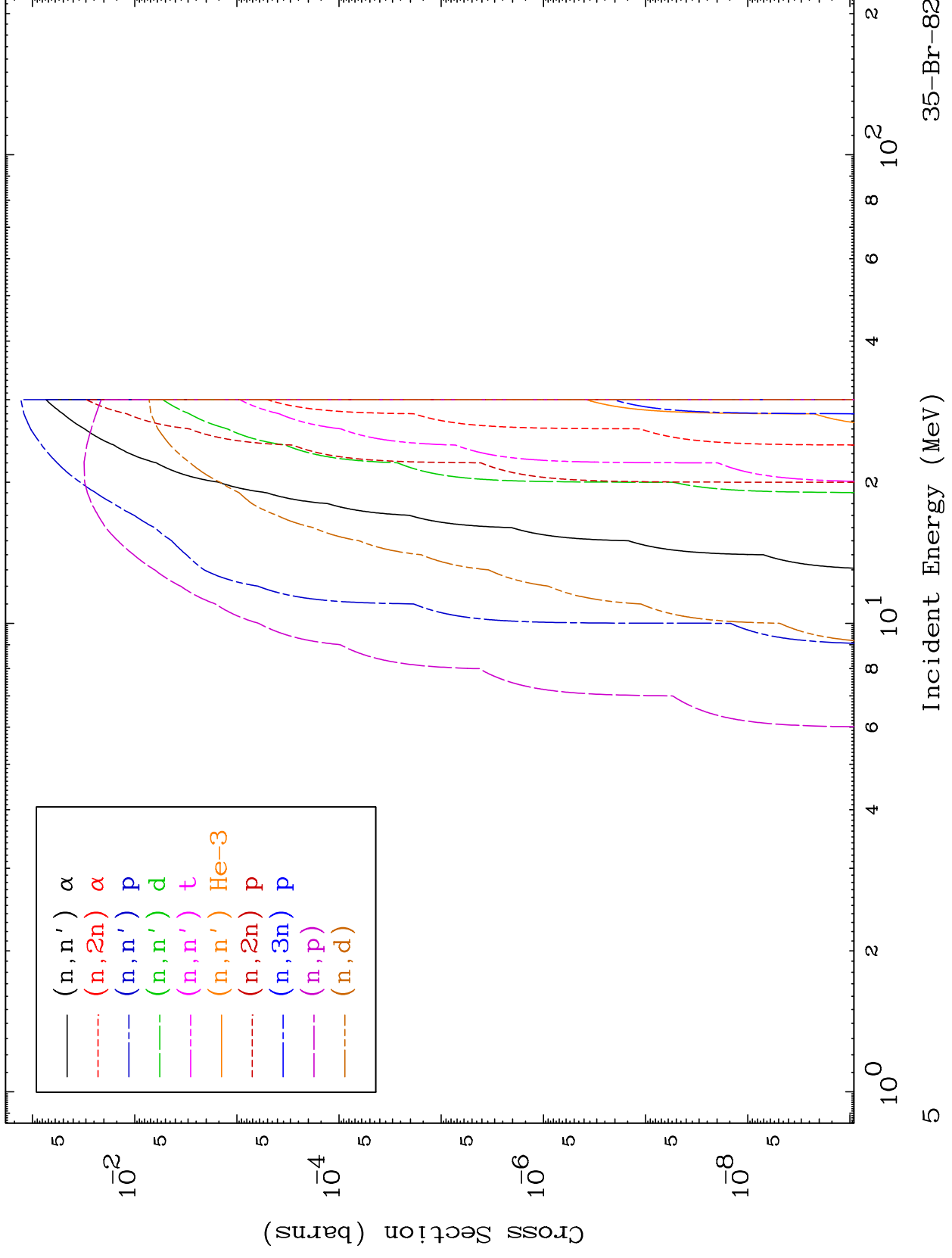


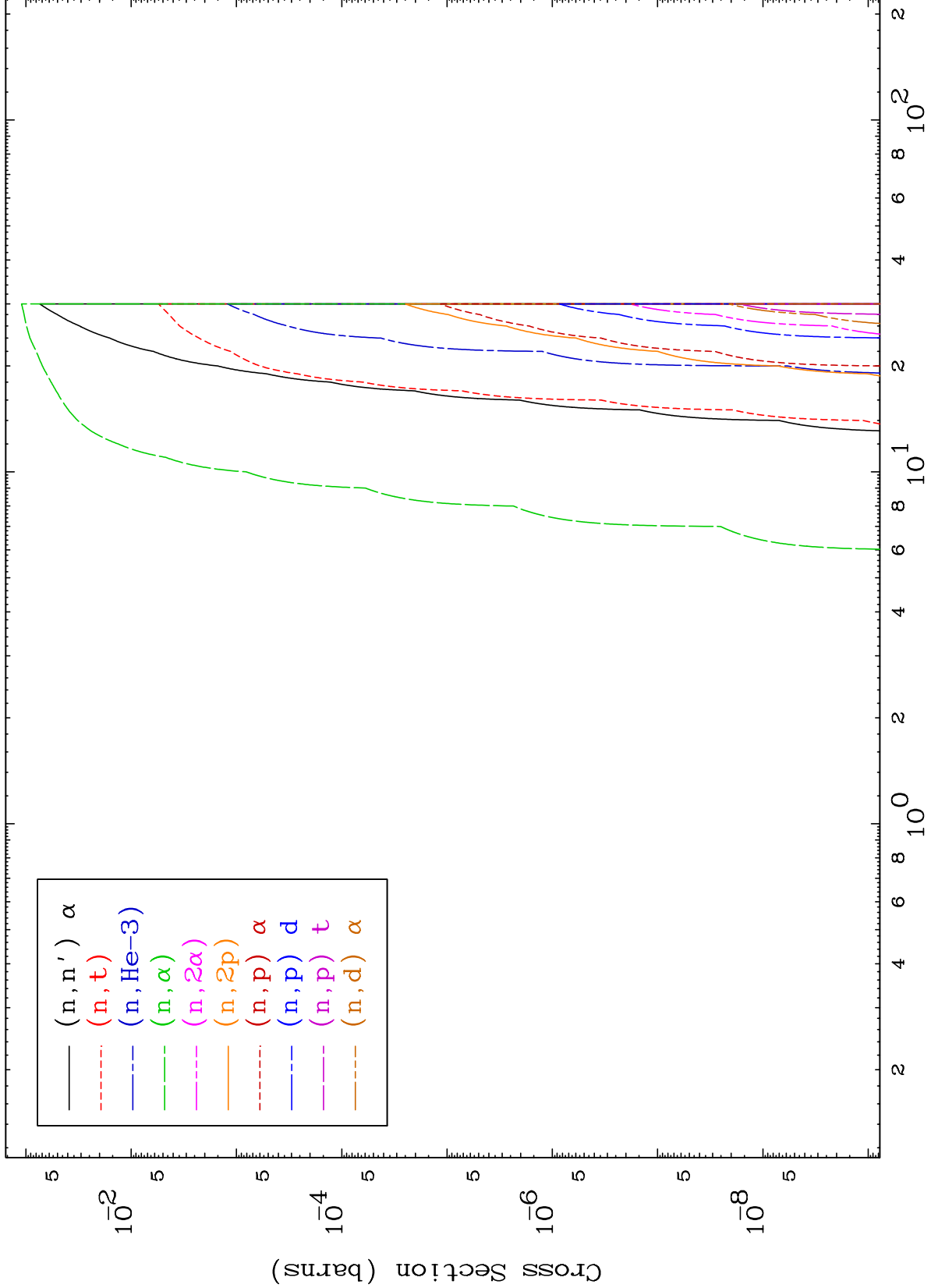
MAT 3534

α Neutron Absorption
0 Kelvin Cross Sections

35-Br-82



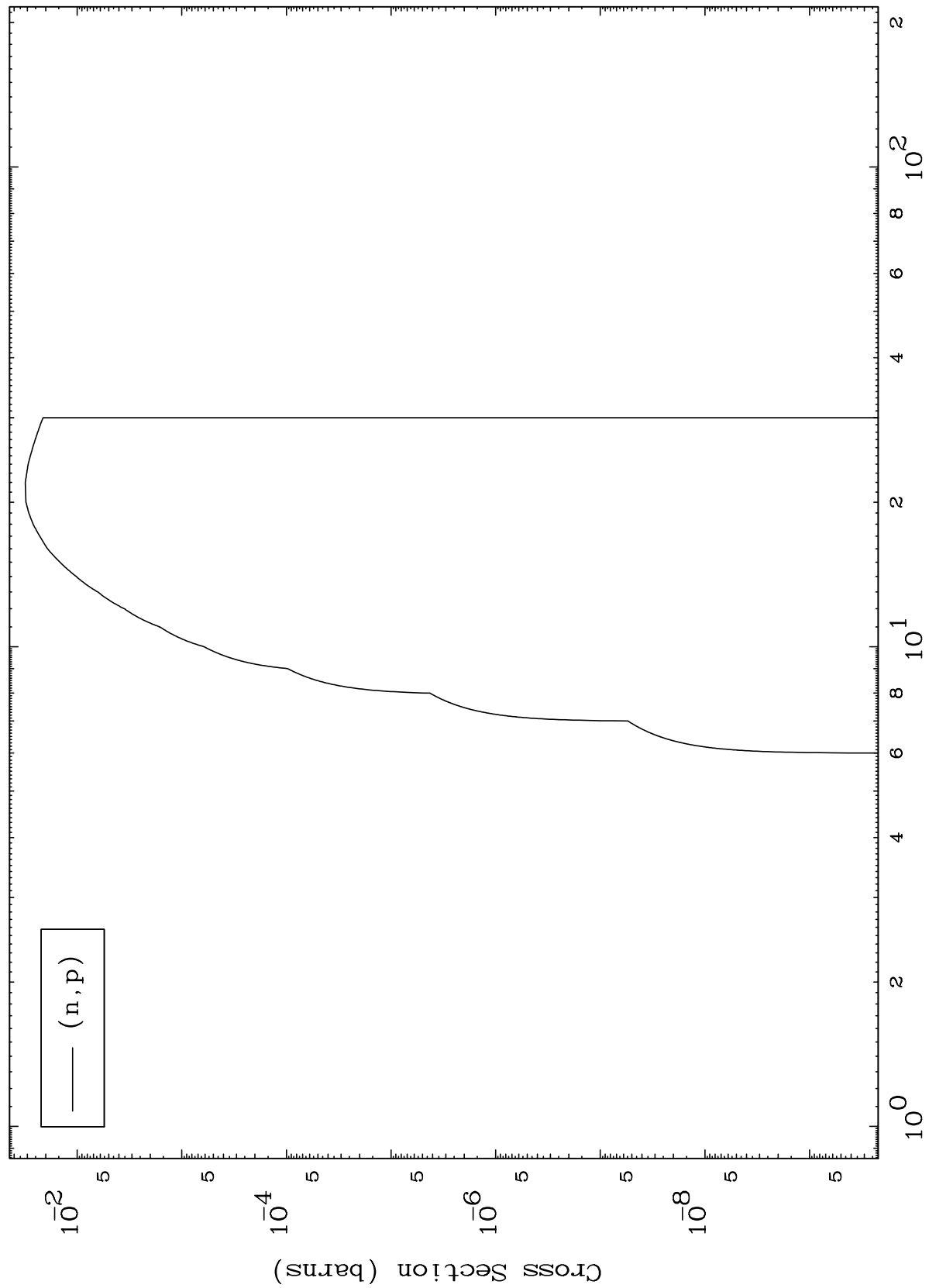




MAT 3534

35-Br-82

(α, p) Levels
0 Kelvin Cross Sections



(n, p)

35-Br-82

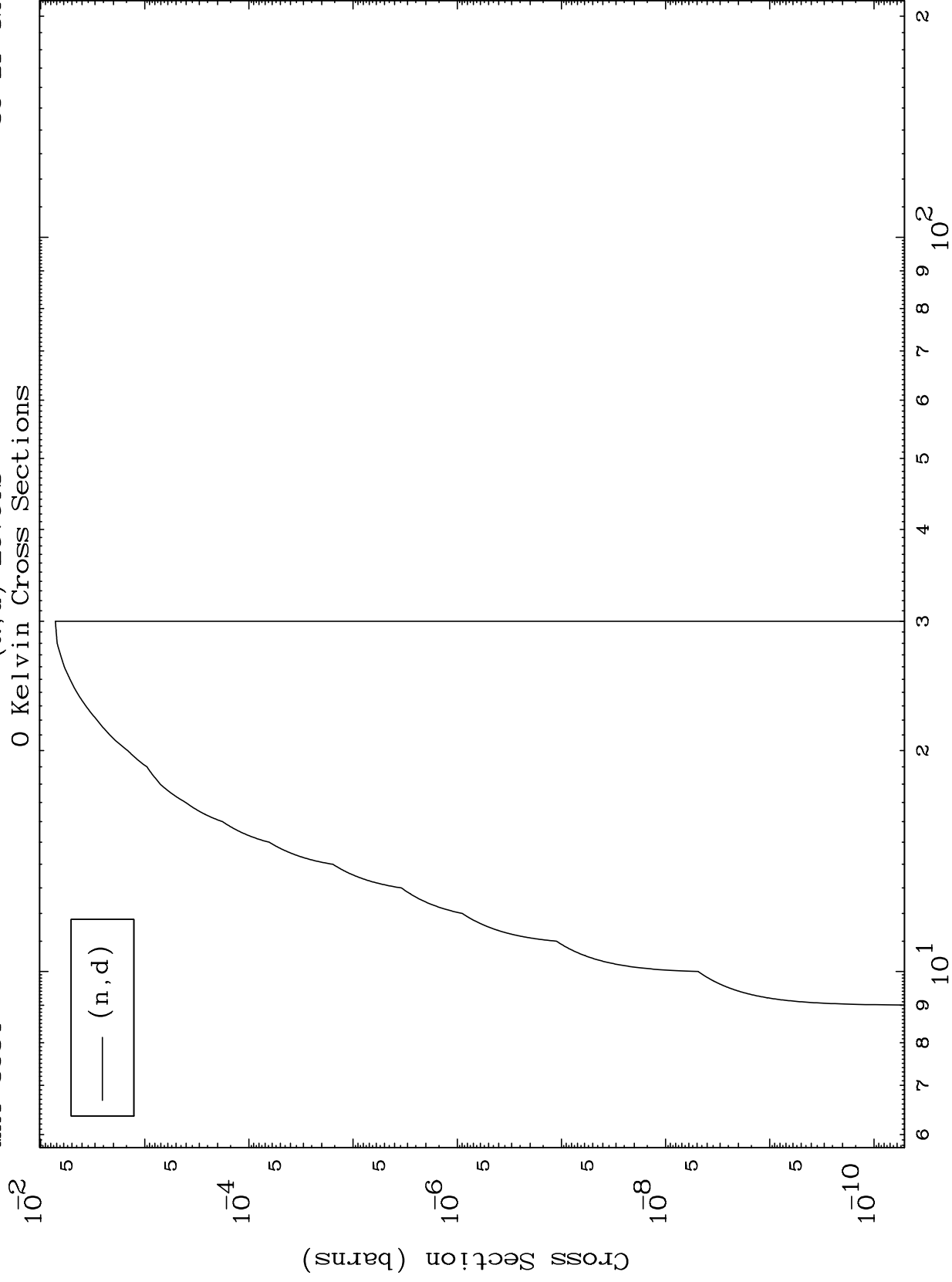
Incident Energy (MeV)

7

MAT 3534

(α, d) Levels
0 Kelvin Cross Sections

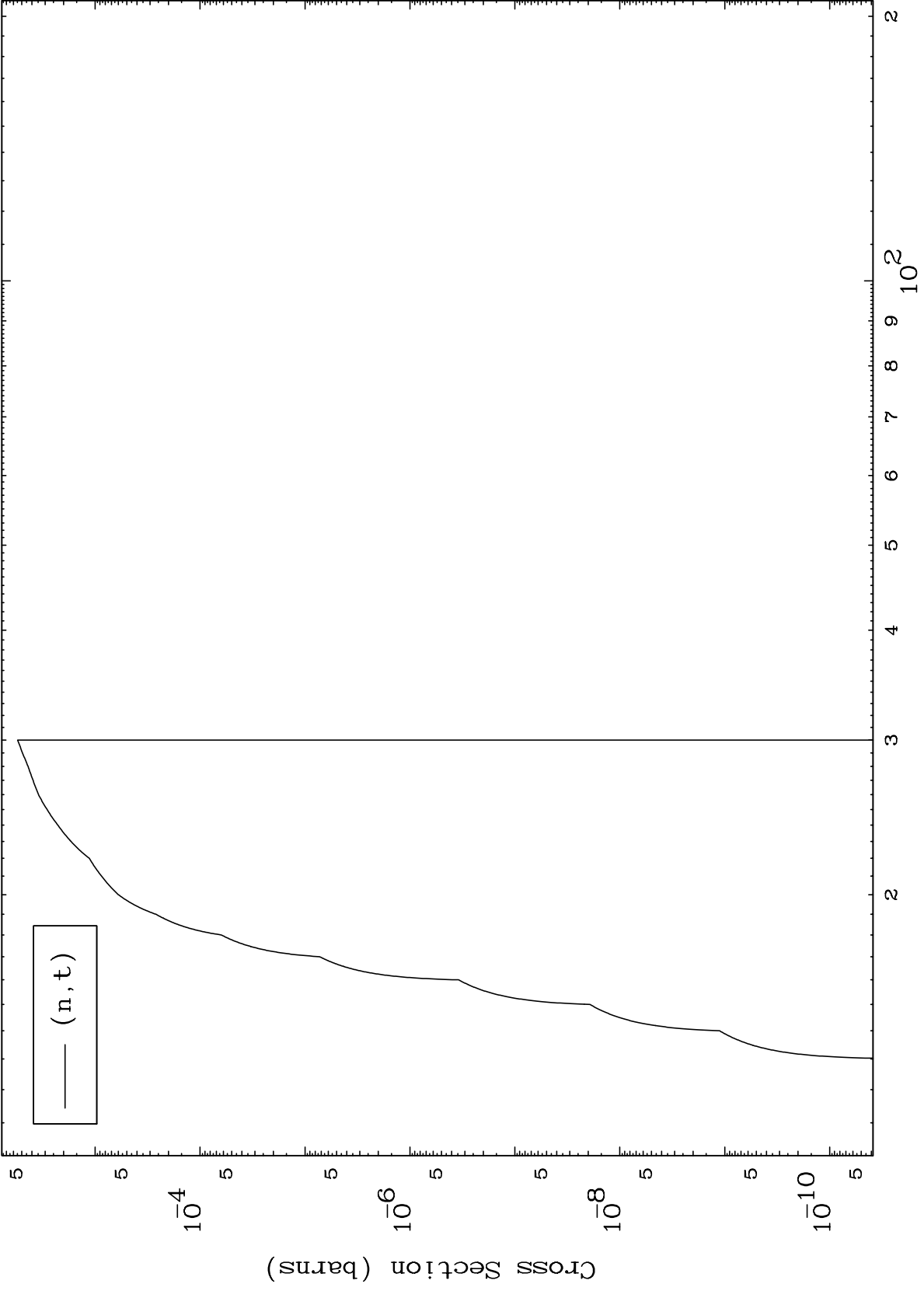
³⁵Br-82



8

Incident Energy (MeV)

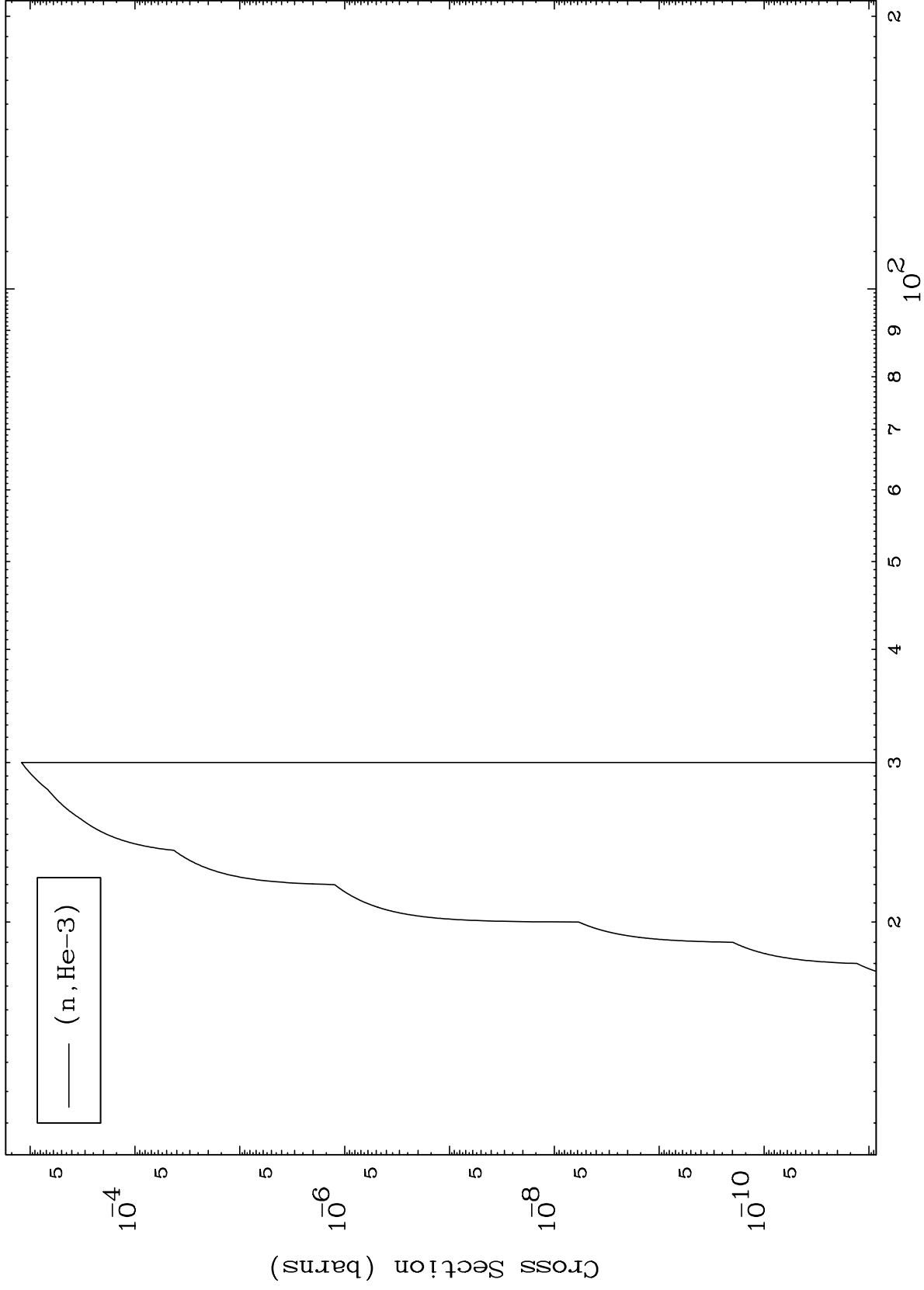
³⁵Br-82



MAT 3534

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

35-Br-82



10

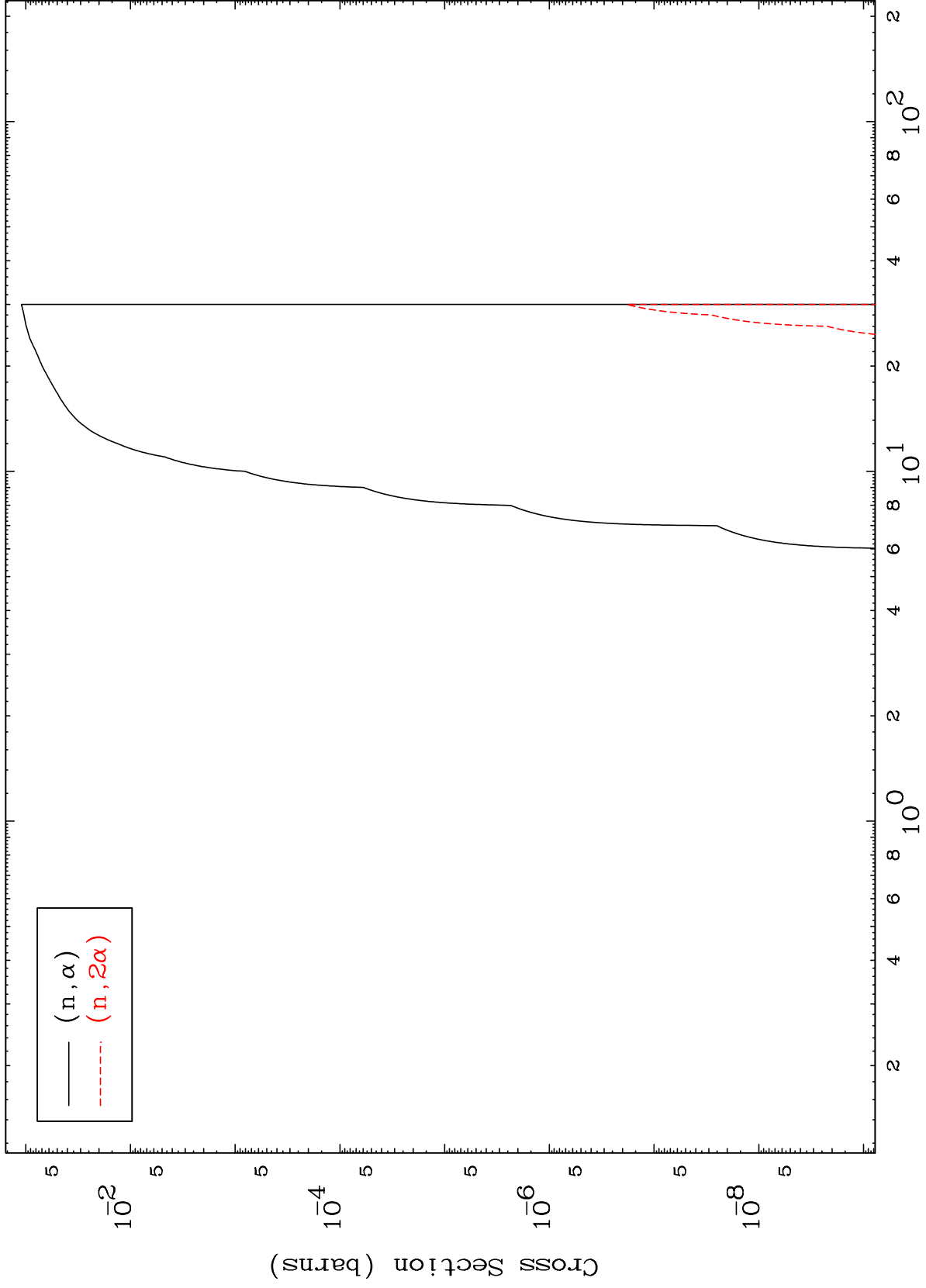
Incident Energy (MeV)

35-Br-82

MAT 3534

(α, α) Levels
0 Kelvin Cross Sections

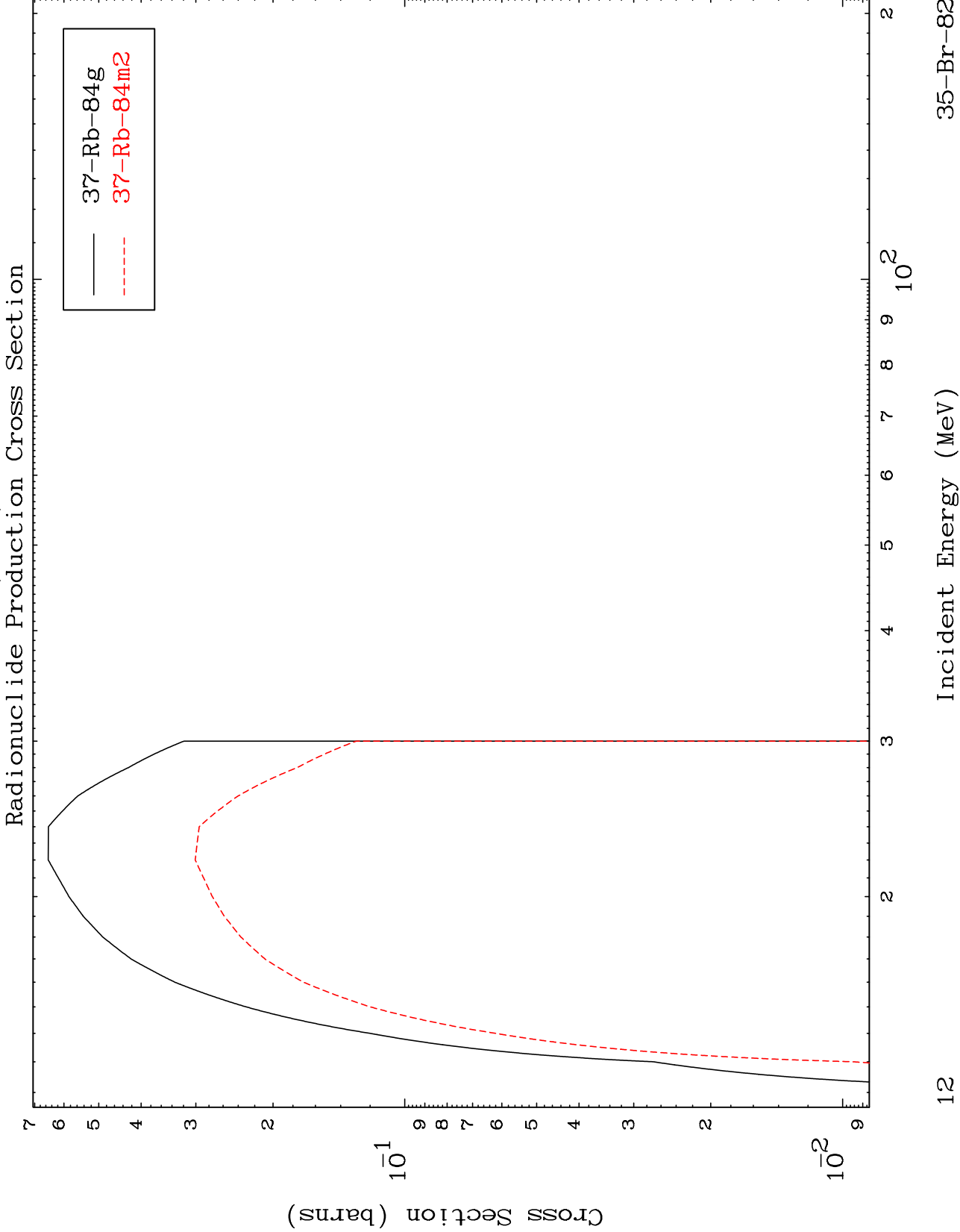
35-Br-82



MAT 3534

(n,2n)

35-Br-82



12

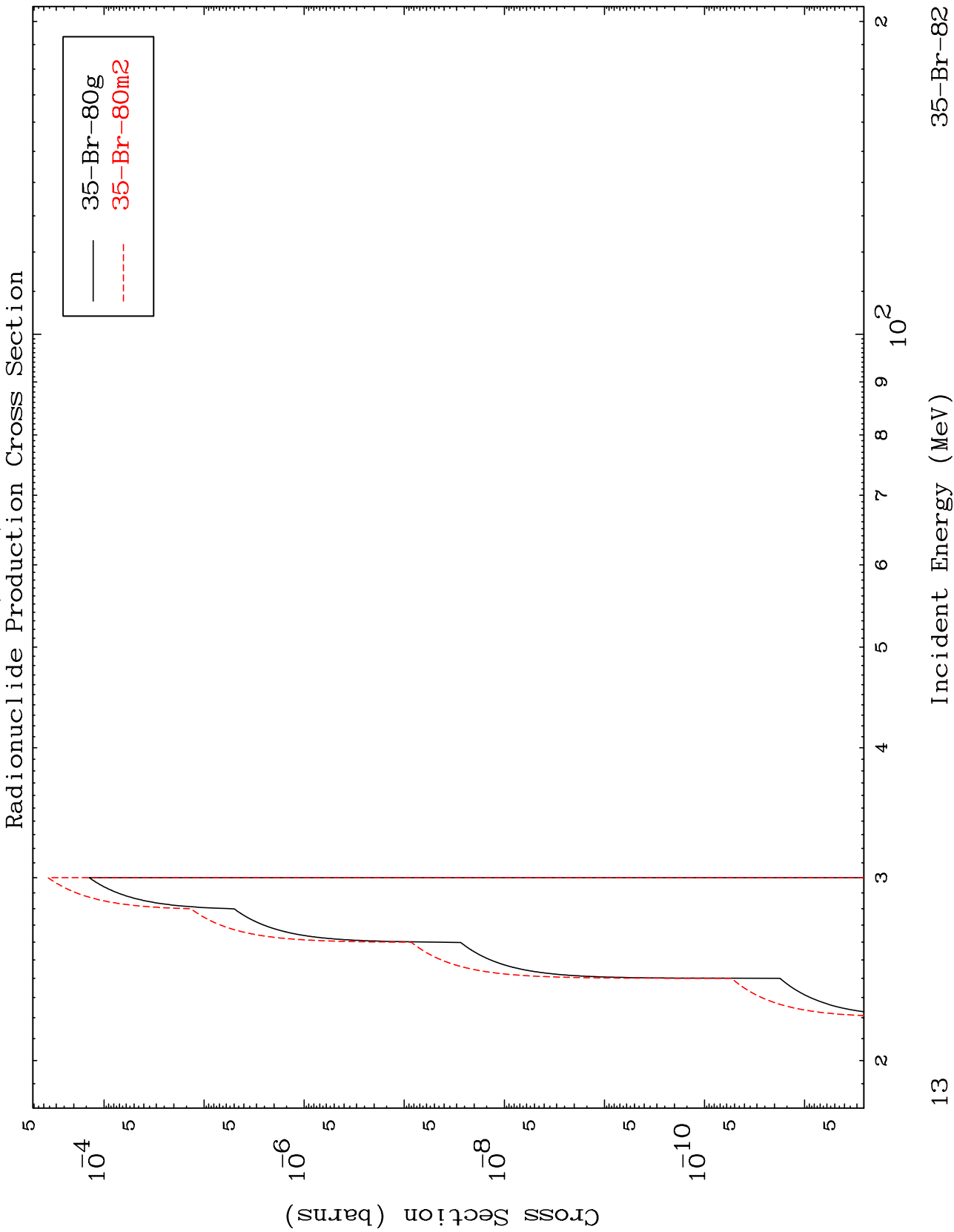
Incident Energy (MeV)

35-Br-82

MAT 3534

$(n,2n) \alpha$

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



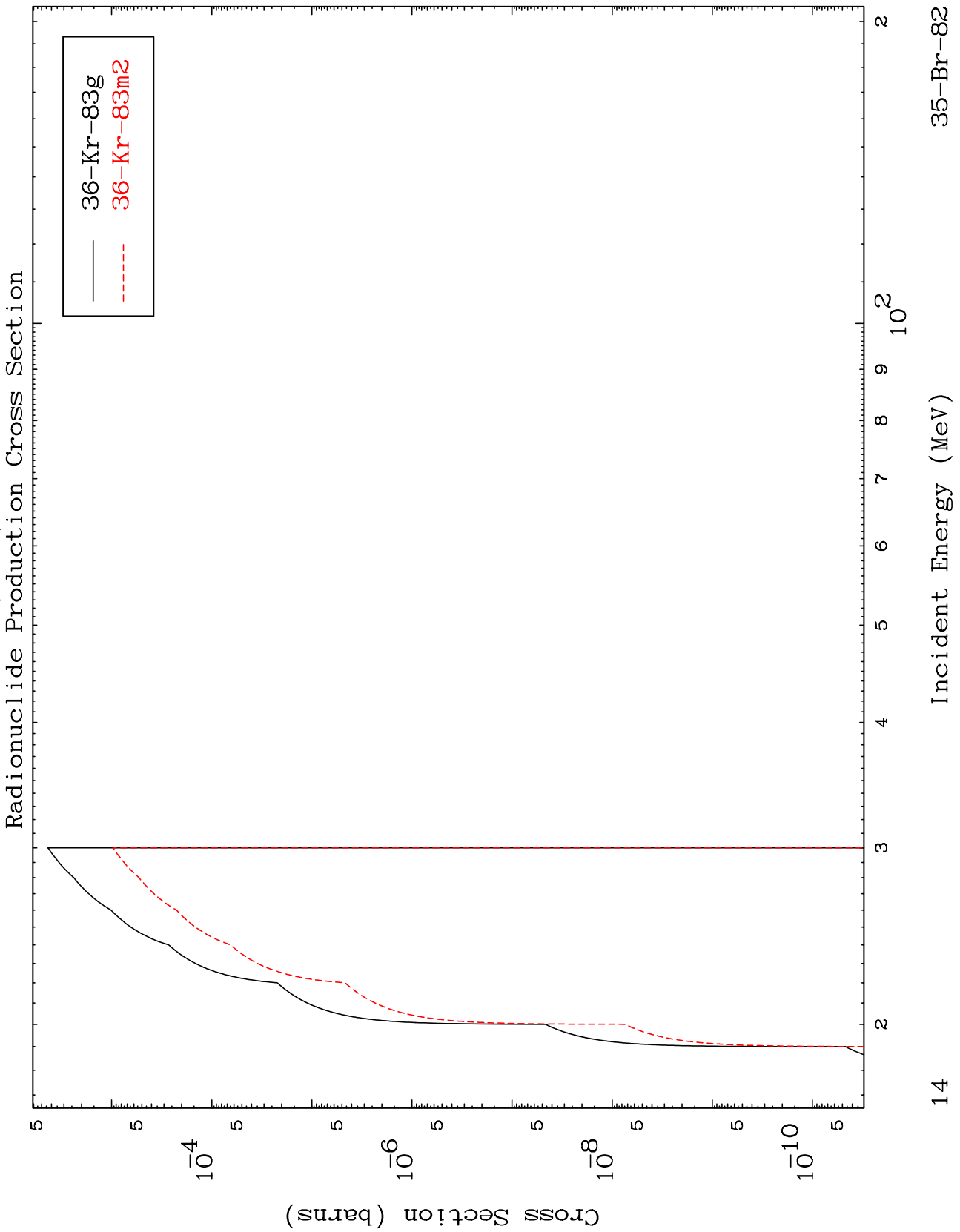
13

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

MAT 3534

(n,n') d

35-Br-82



14

Incident Energy (MeV)

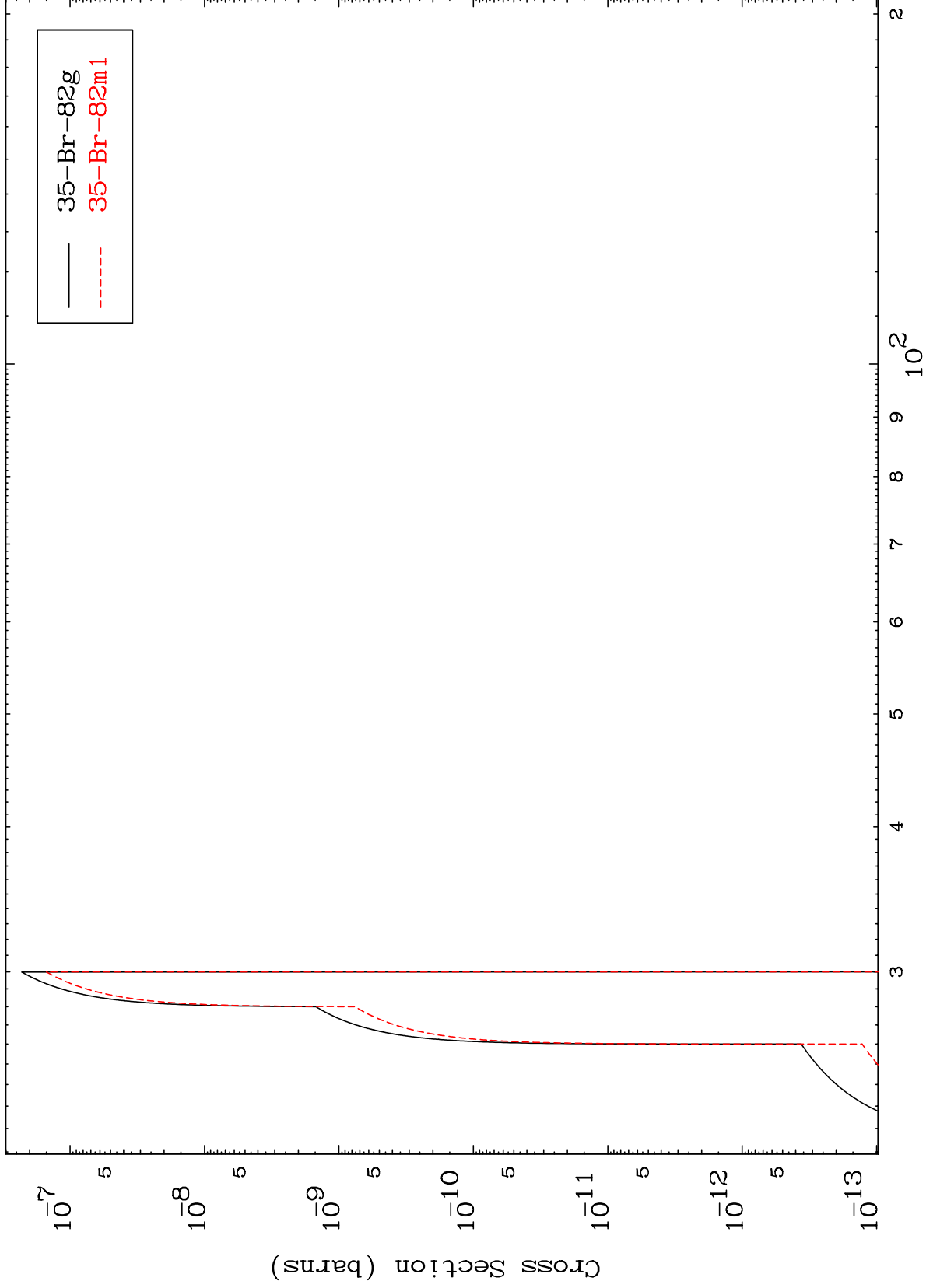
35-Br-82

MAT 3534

(n,n') He-3

35-Br-82

Radionuclide Production Cross Section



15

Incident Energy (MeV)

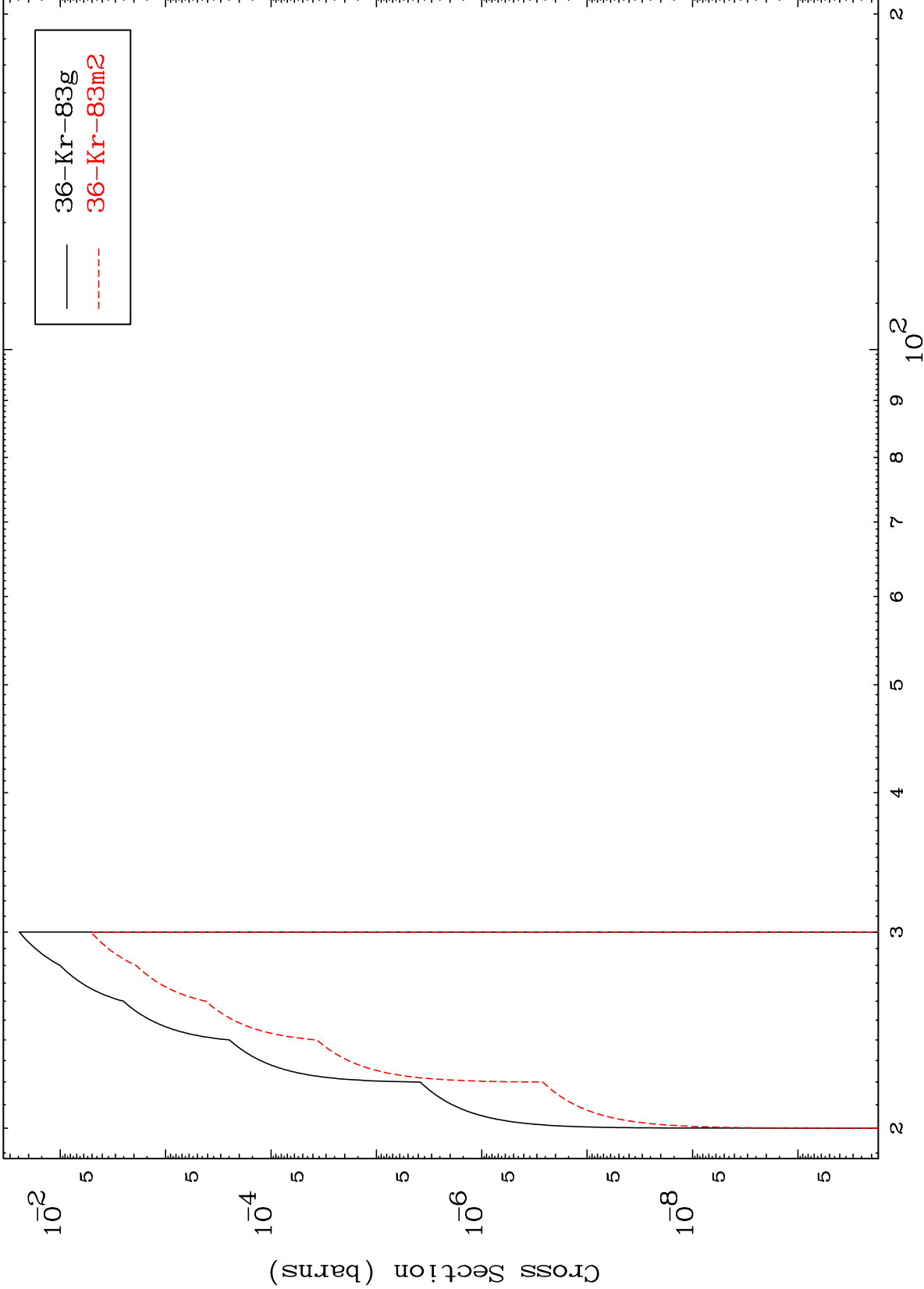
35-Br-82

MAT 3534

(n,2n) p

35-Br-82

Radionuclide Production Cross Section



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

16

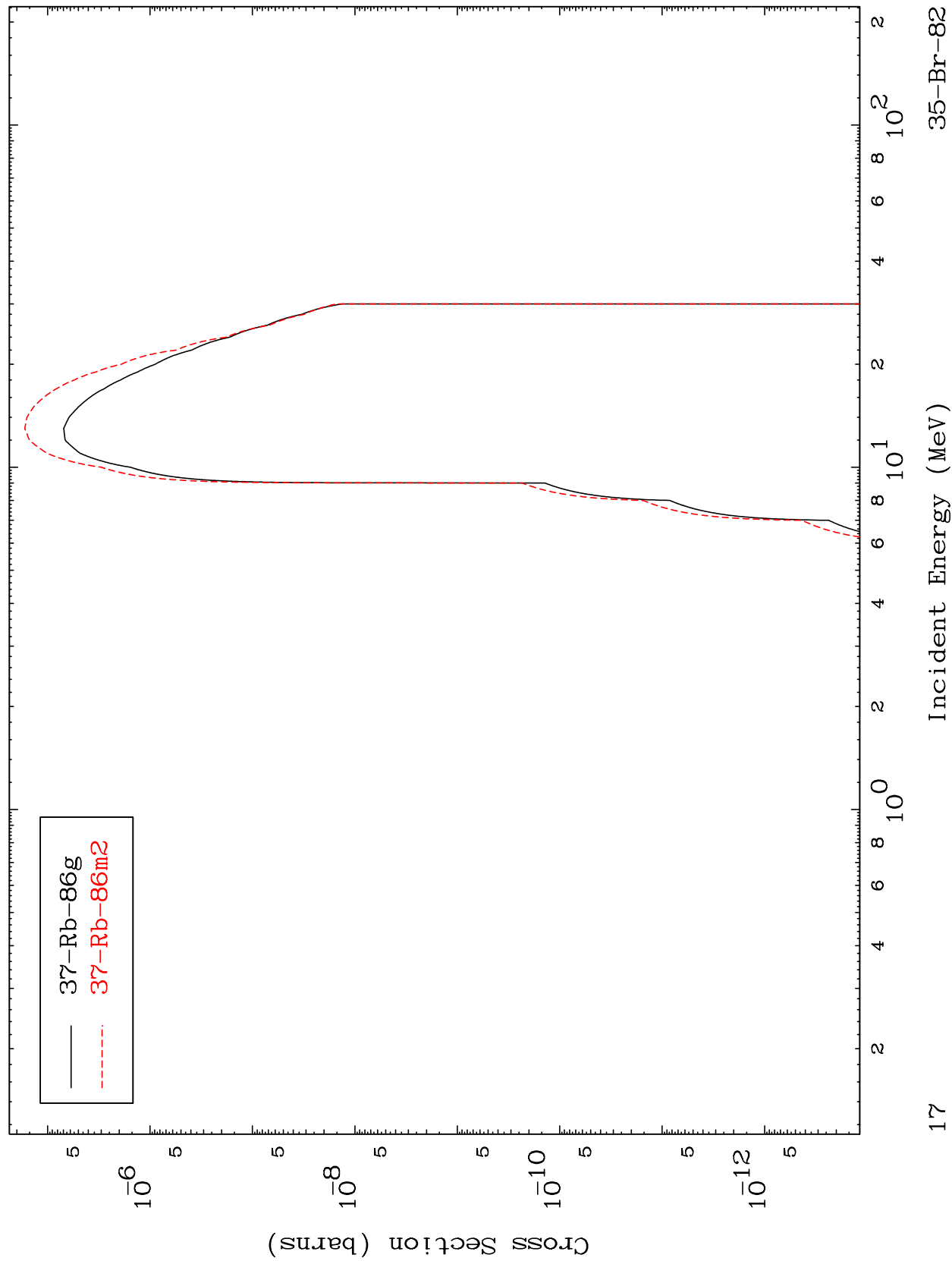
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

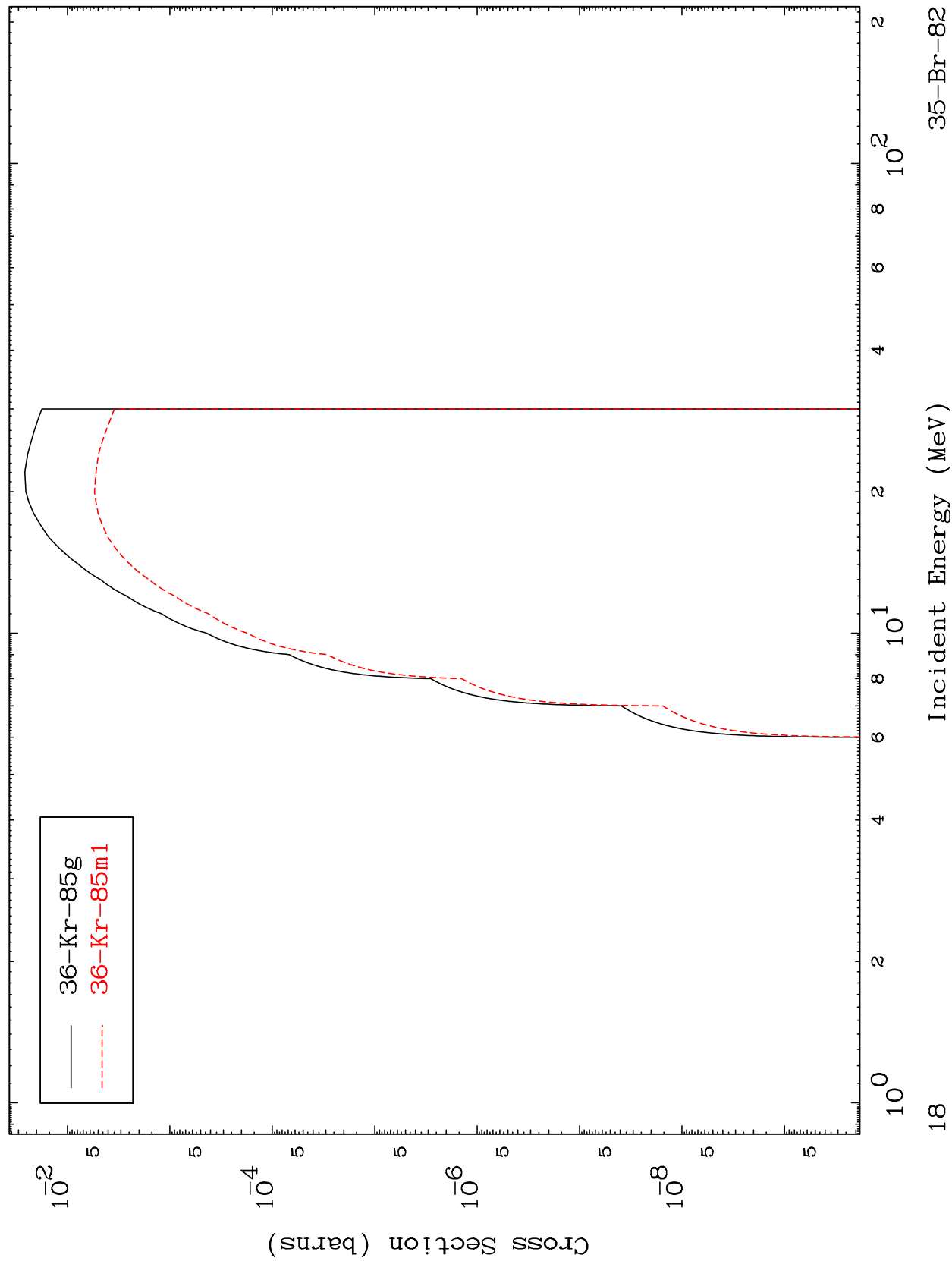
(n, γ)
Radionuclide Production Cross Section



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35-Br-82

(n,p)
Radionuclide Production Cross Section



35-Br-82

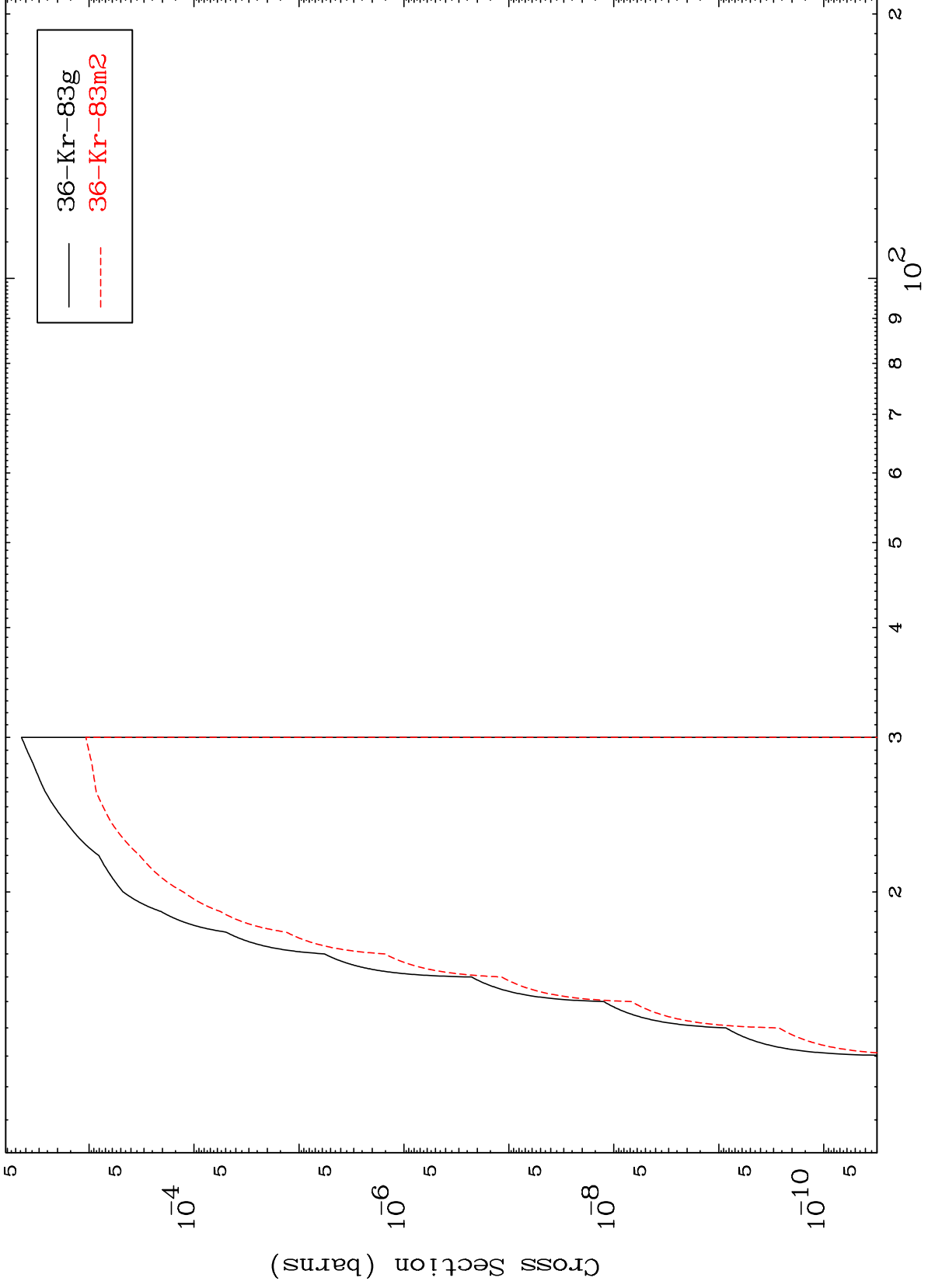
Incident Energy (MeV)

18

MAT 3534

35-Br-82

(n,t)
Radionuclide Production Cross Section



19

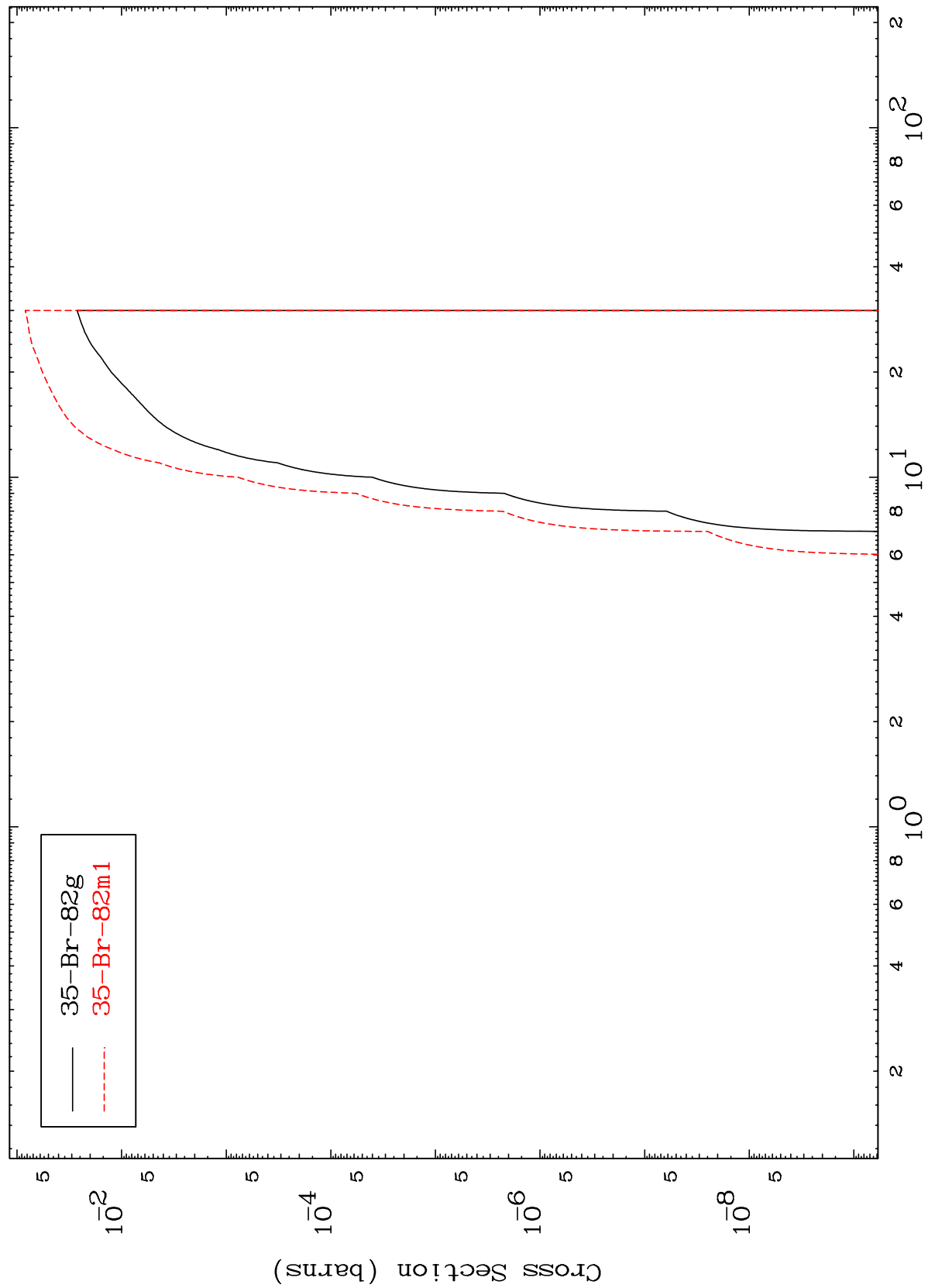
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

Radionuclide Production Cross Section
(n, α)



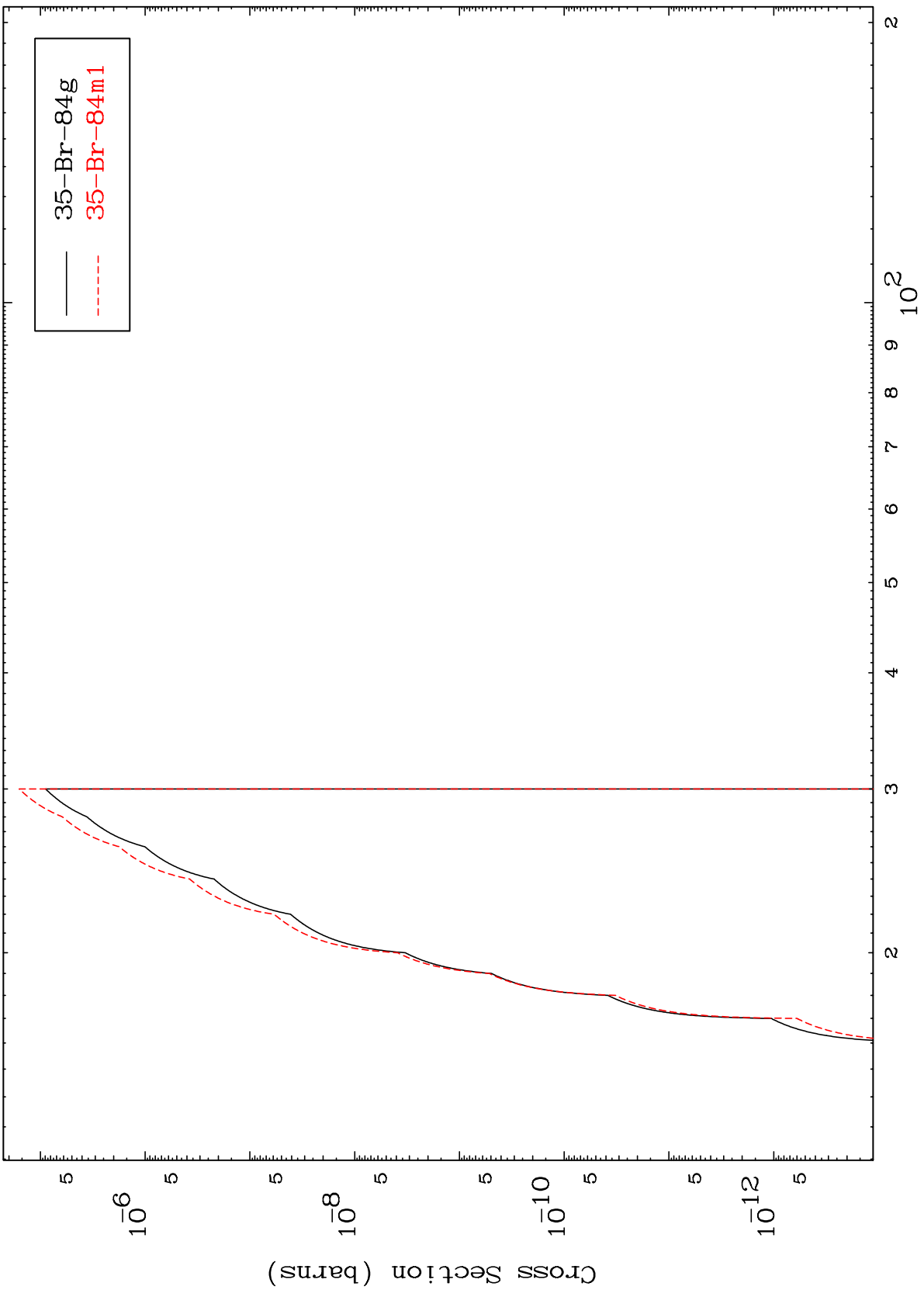
— 35-Br-82g
- - - 35-Br-82m1

20

35-Br-82

Incident Energy (MeV)

(n,2p)
Radionuclide Production Cross Section

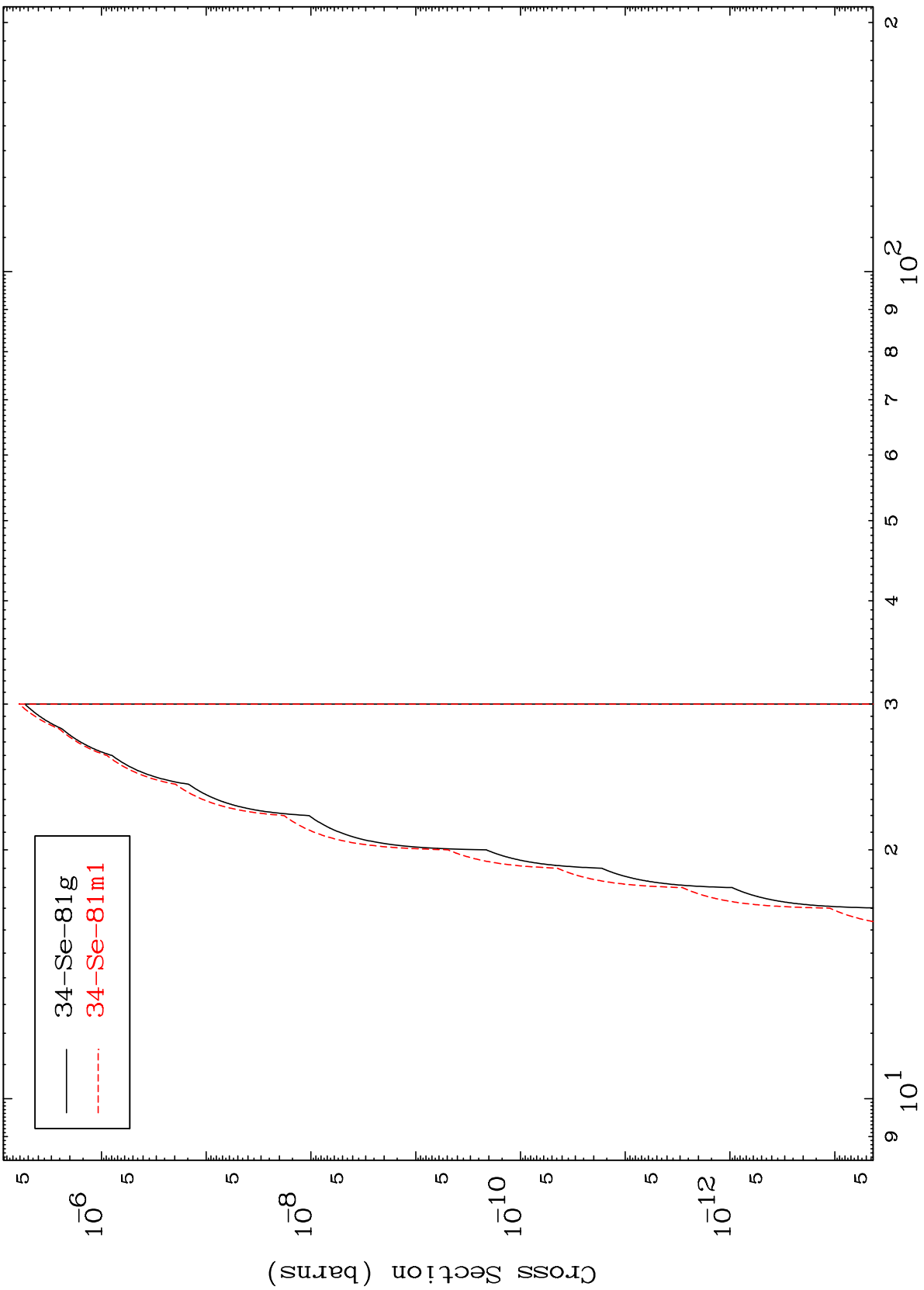


MAT 3534

(n,p) α

35-Br-82

Radionuclide Production Cross Section



22

Incident Energy (MeV)

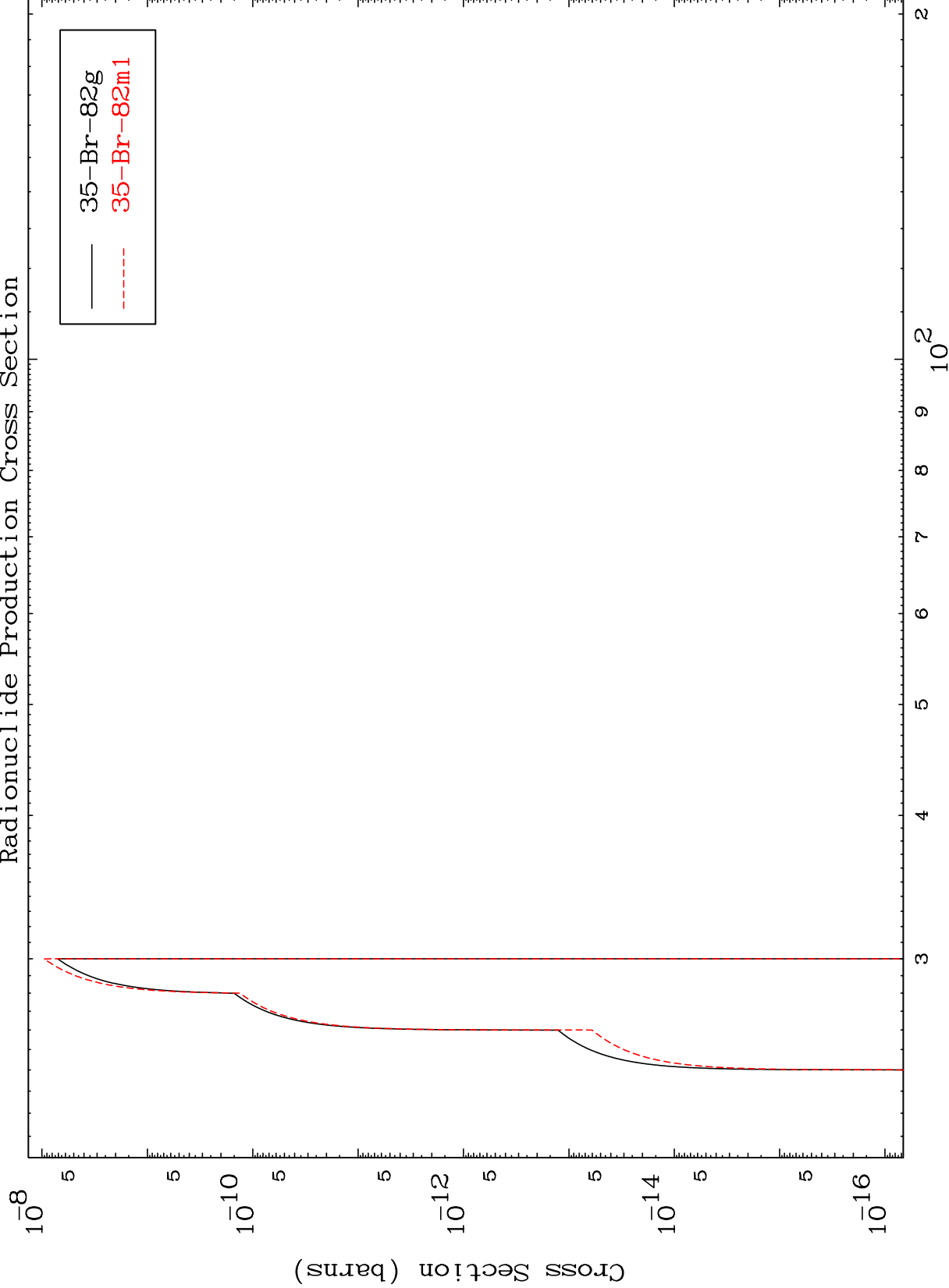
35-Br-82

MAT 3534

(n,p) t

35-Br-82

Radionuclide Production Cross Section



35-Br-82g
35-Br-82m1