

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

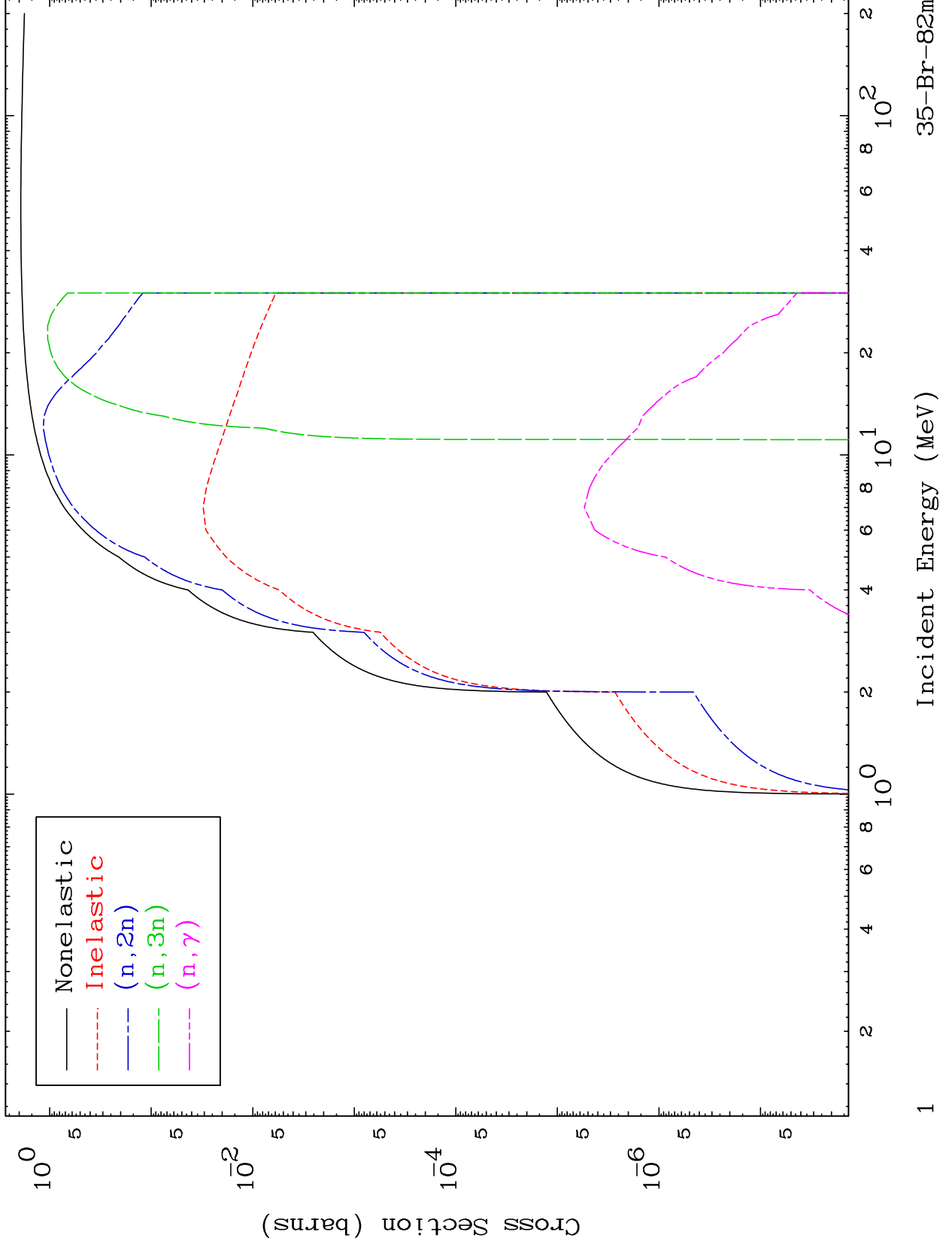
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

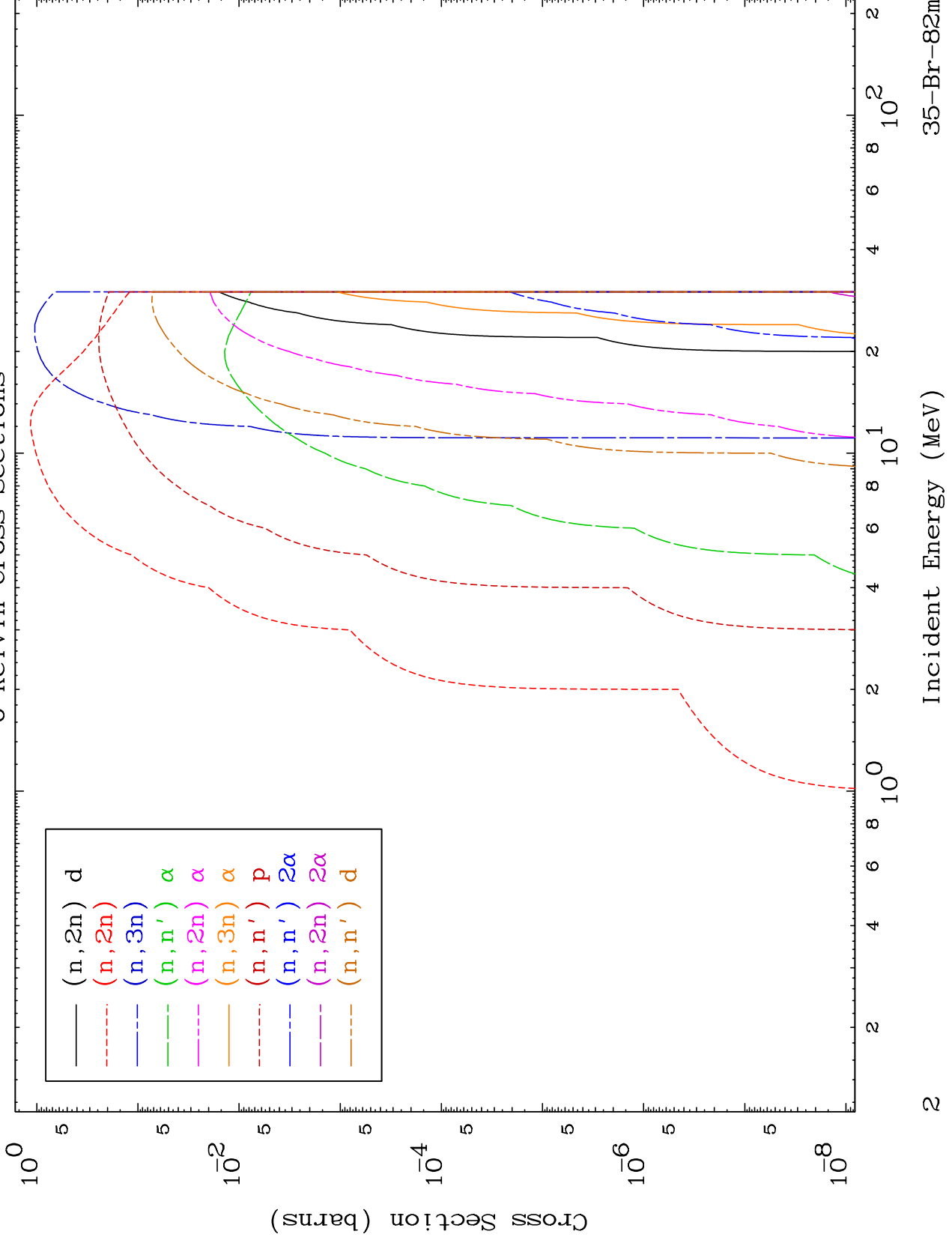
Press Mouse Button to Start



MAT 3535

Deuteron Neutron Absorption
0 Kelvin Cross Sections

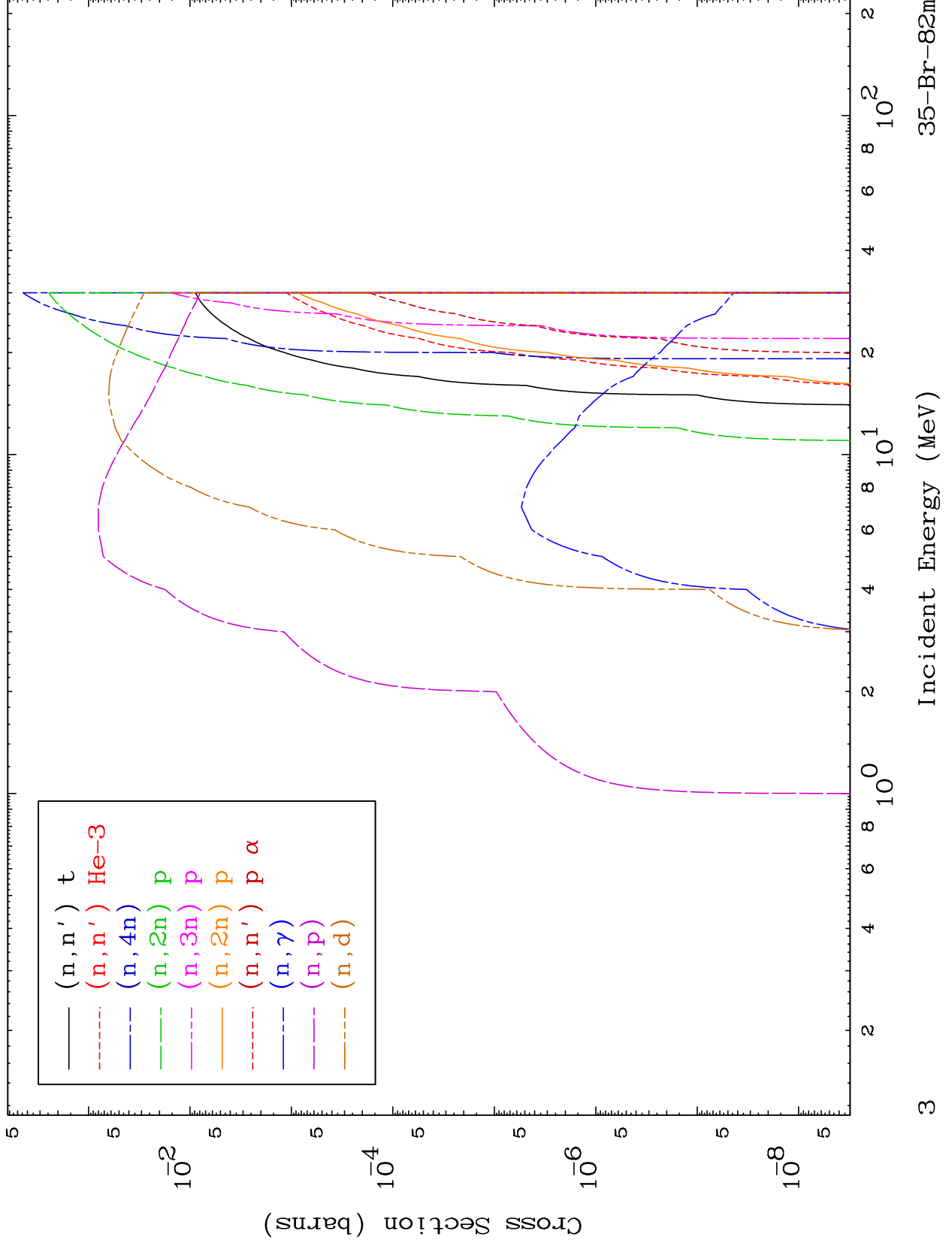
35-Br-82m



MAT 3535

Deuteron Neutron Absorption
0 Kelvin Cross Sections

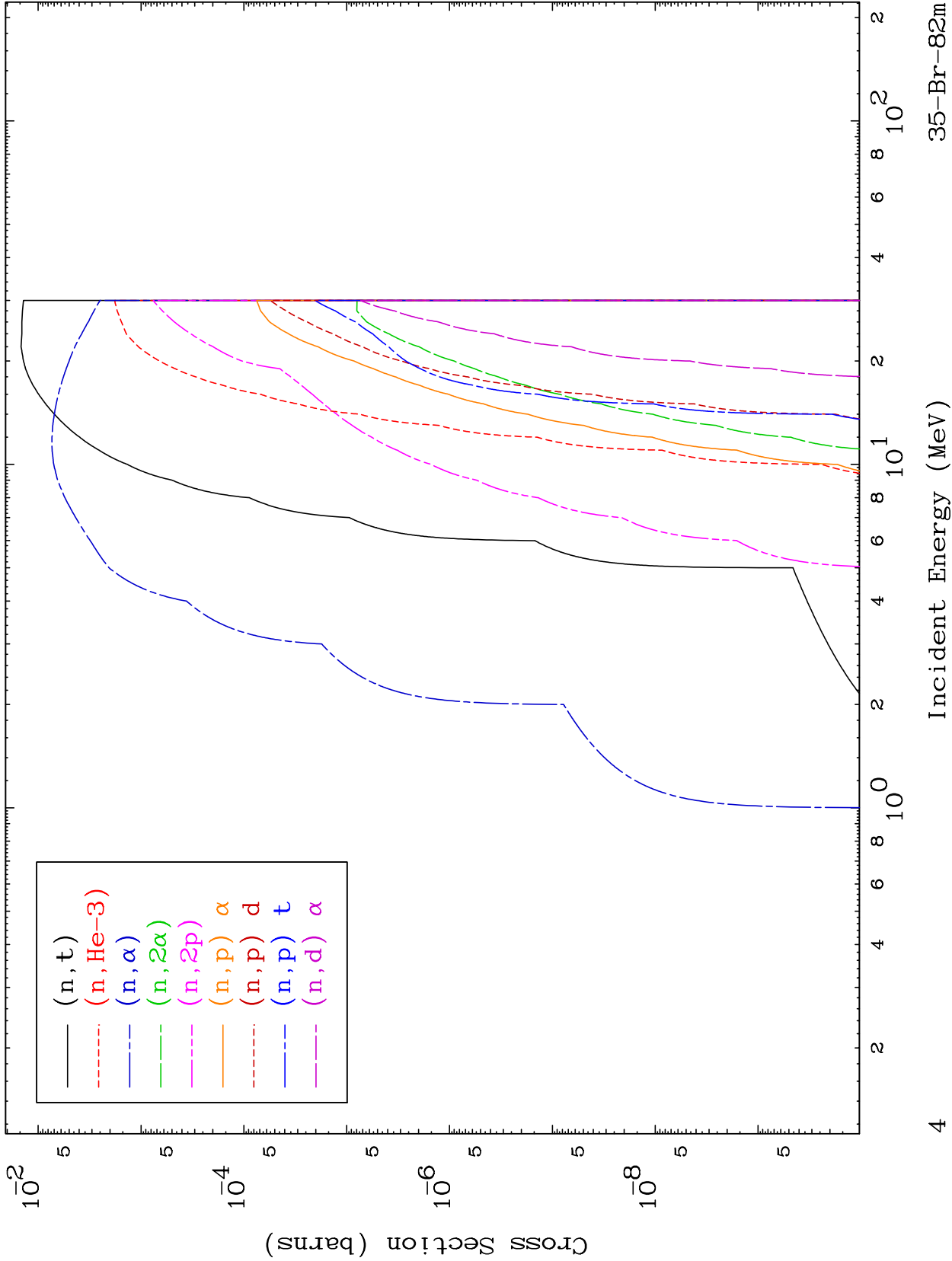
35-Br-82m



MAT 3535

Deuteron Neutron Absorption
0 Kelvin Cross Sections

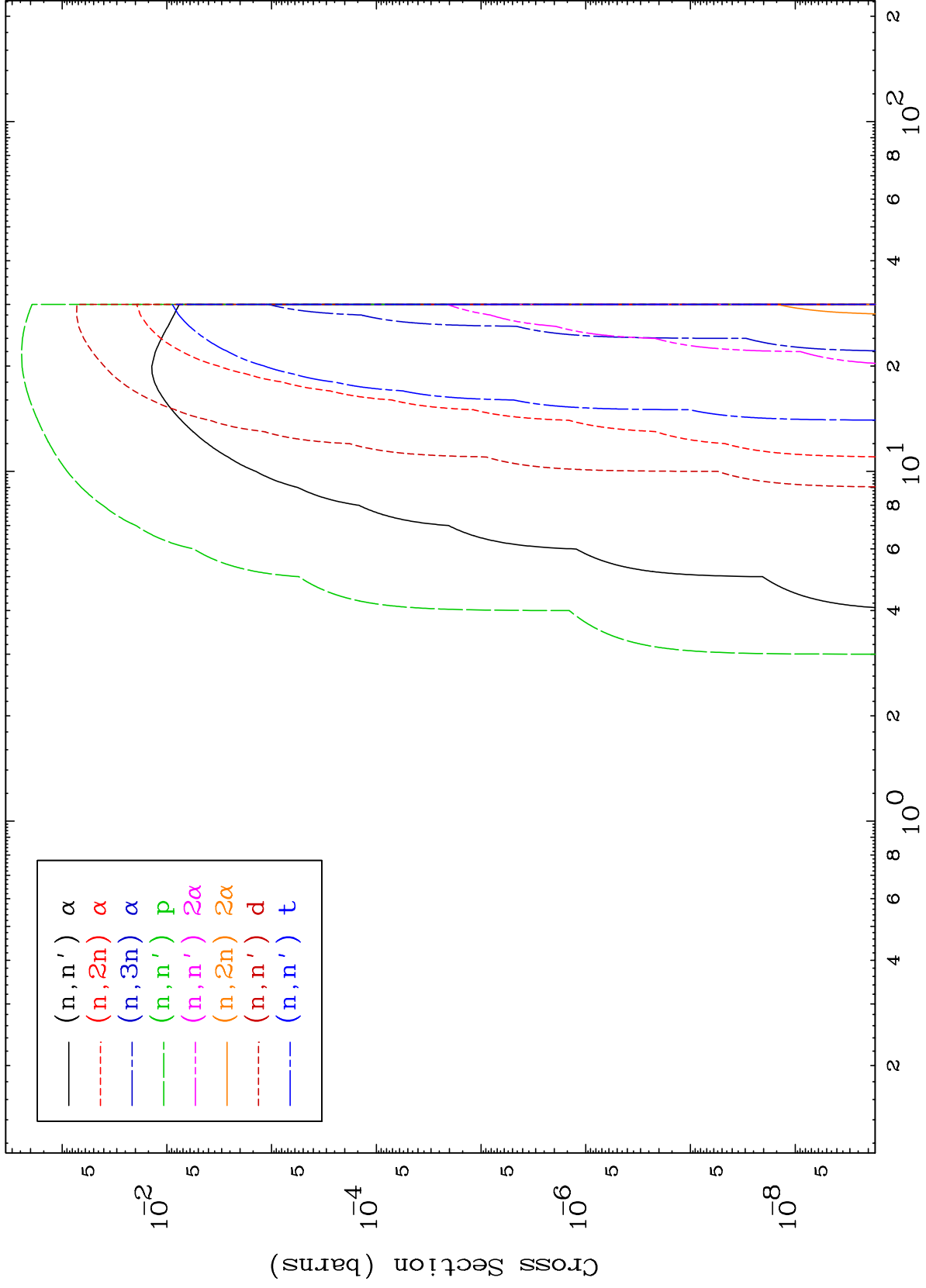
35-Br-82m



MAT 3535

Deuteron Charged Particle
0 Kelvin Cross Sections

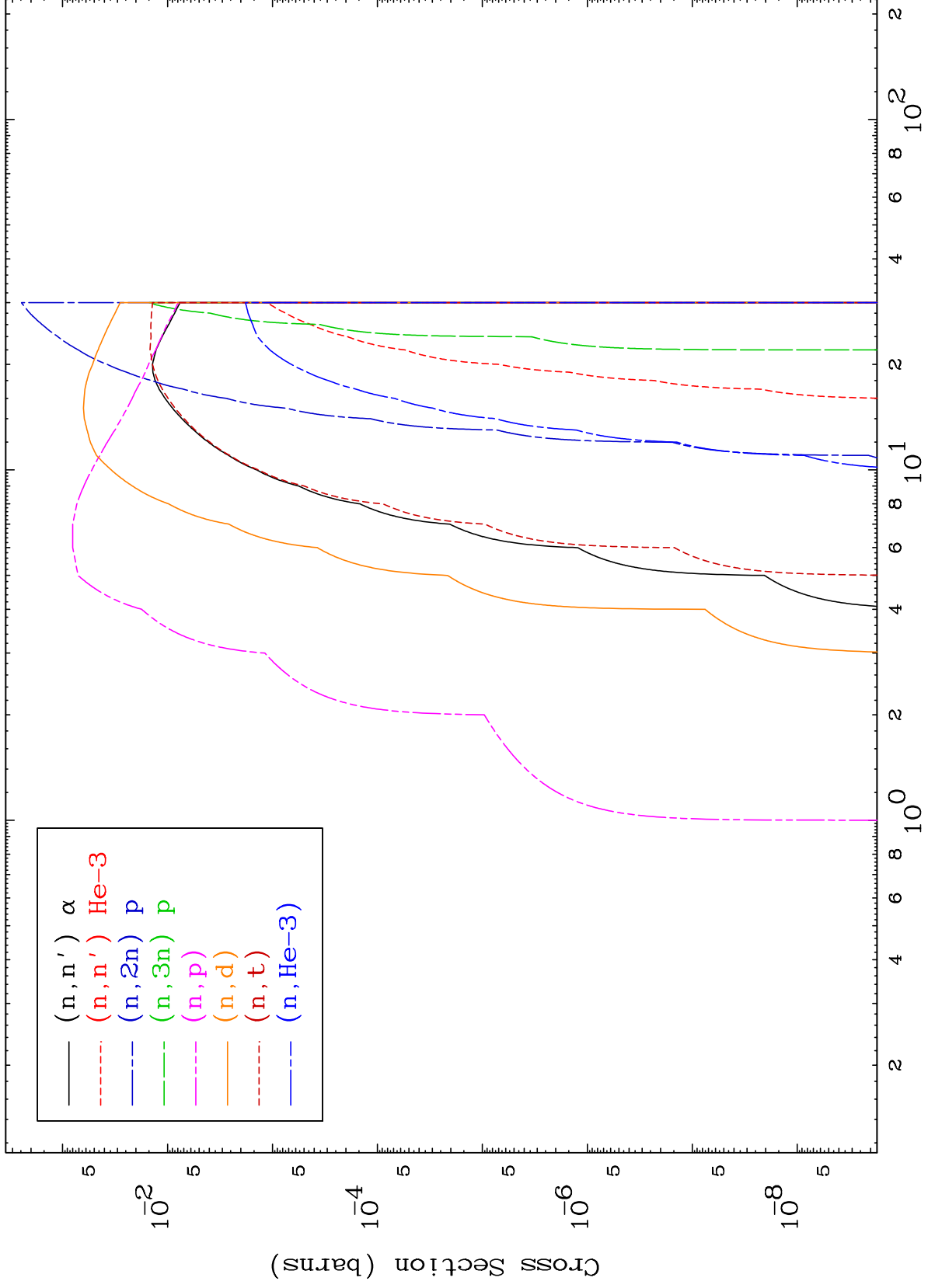
35-Br-82m



MAT 3535

Deuteron Charged Particle
0 Kelvin Cross Sections

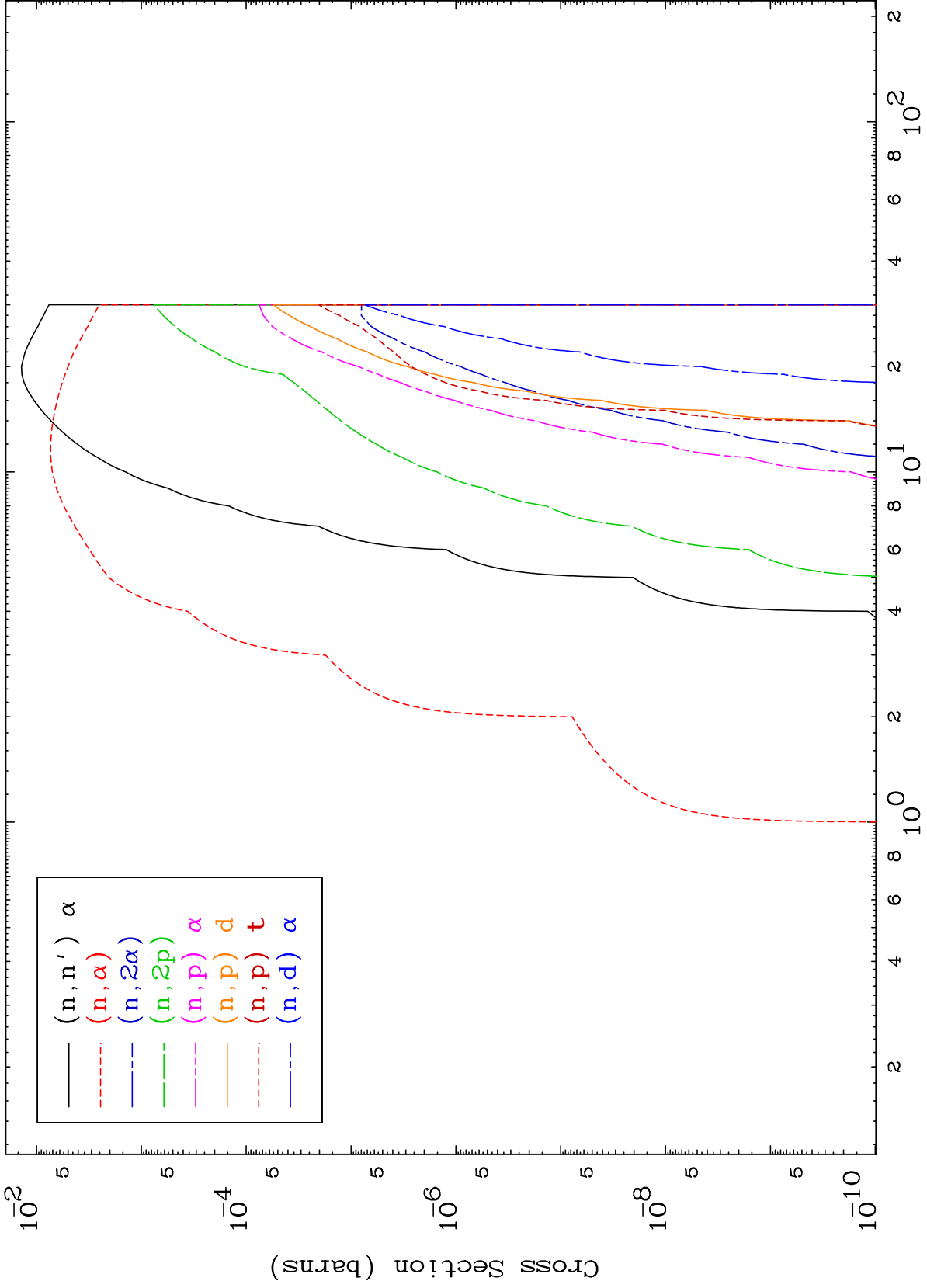
35-Br-82m



MAT 3535

Deuteron Charged Particle
0 Kelvin Cross Sections

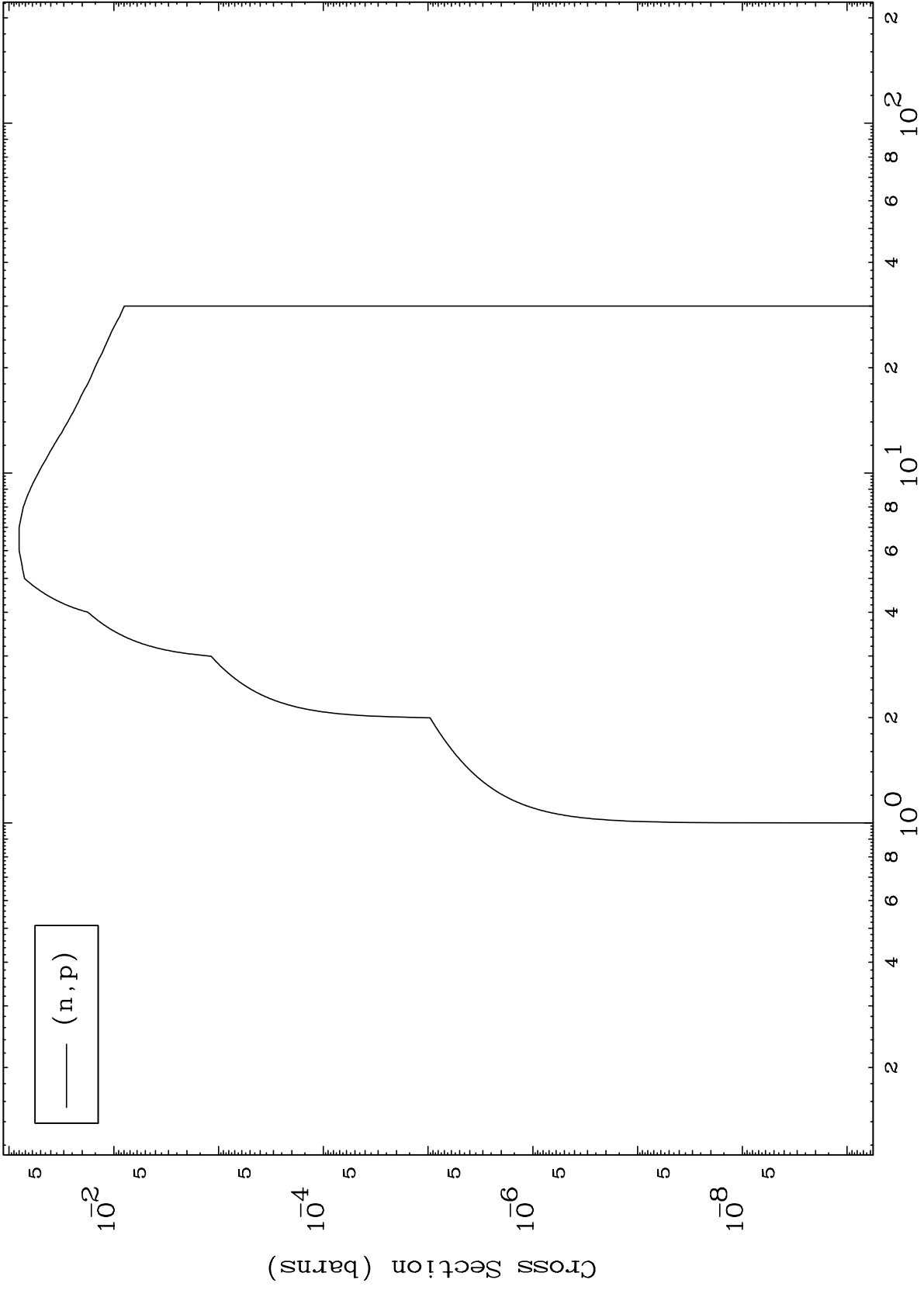
35-Br-82m



MAT 3535

35-Br-82m

(d,p) Levels
0 Kelvin Cross Sections

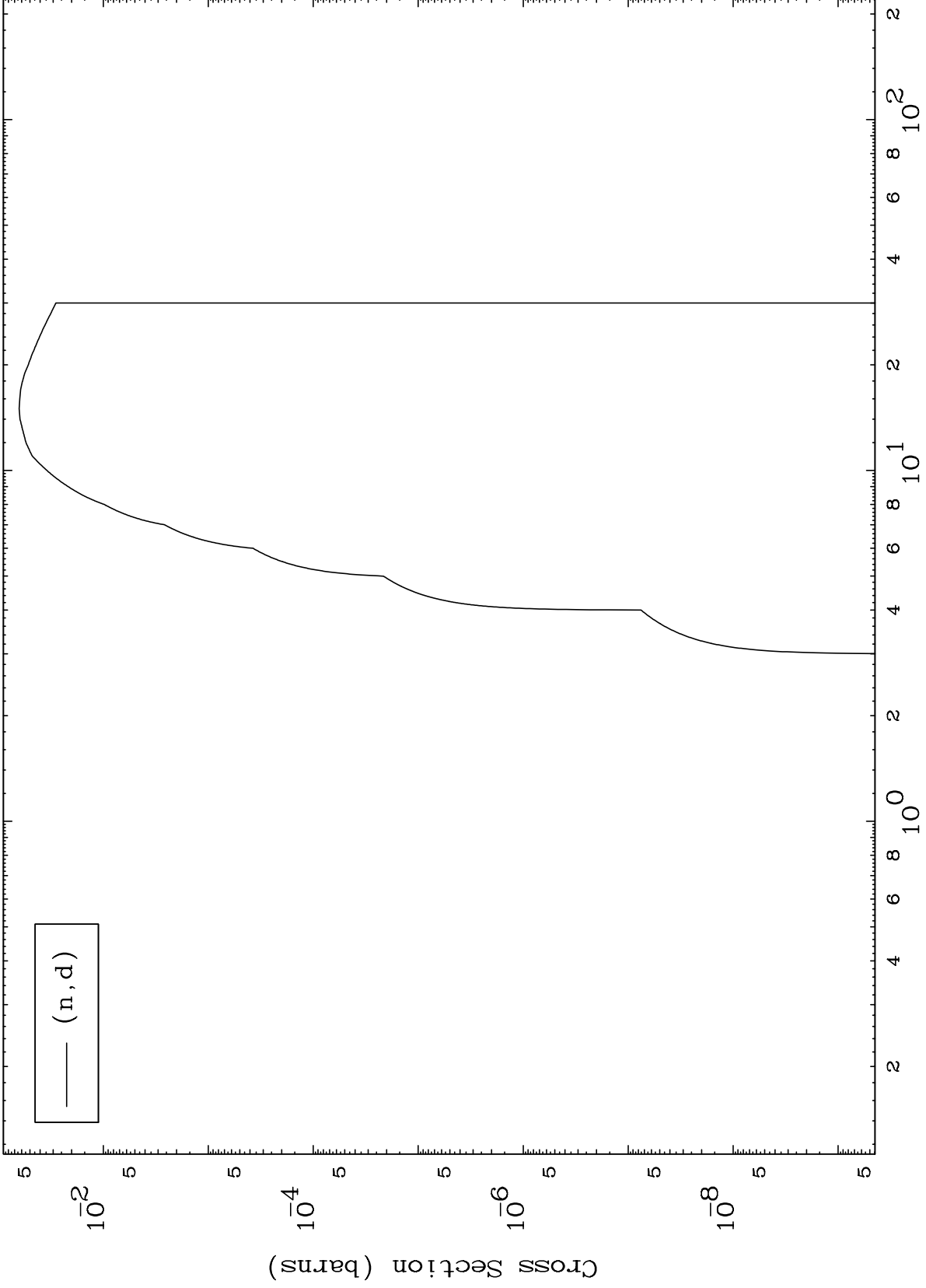


MAT 3535

(d,d) Levels

35-Br-82m

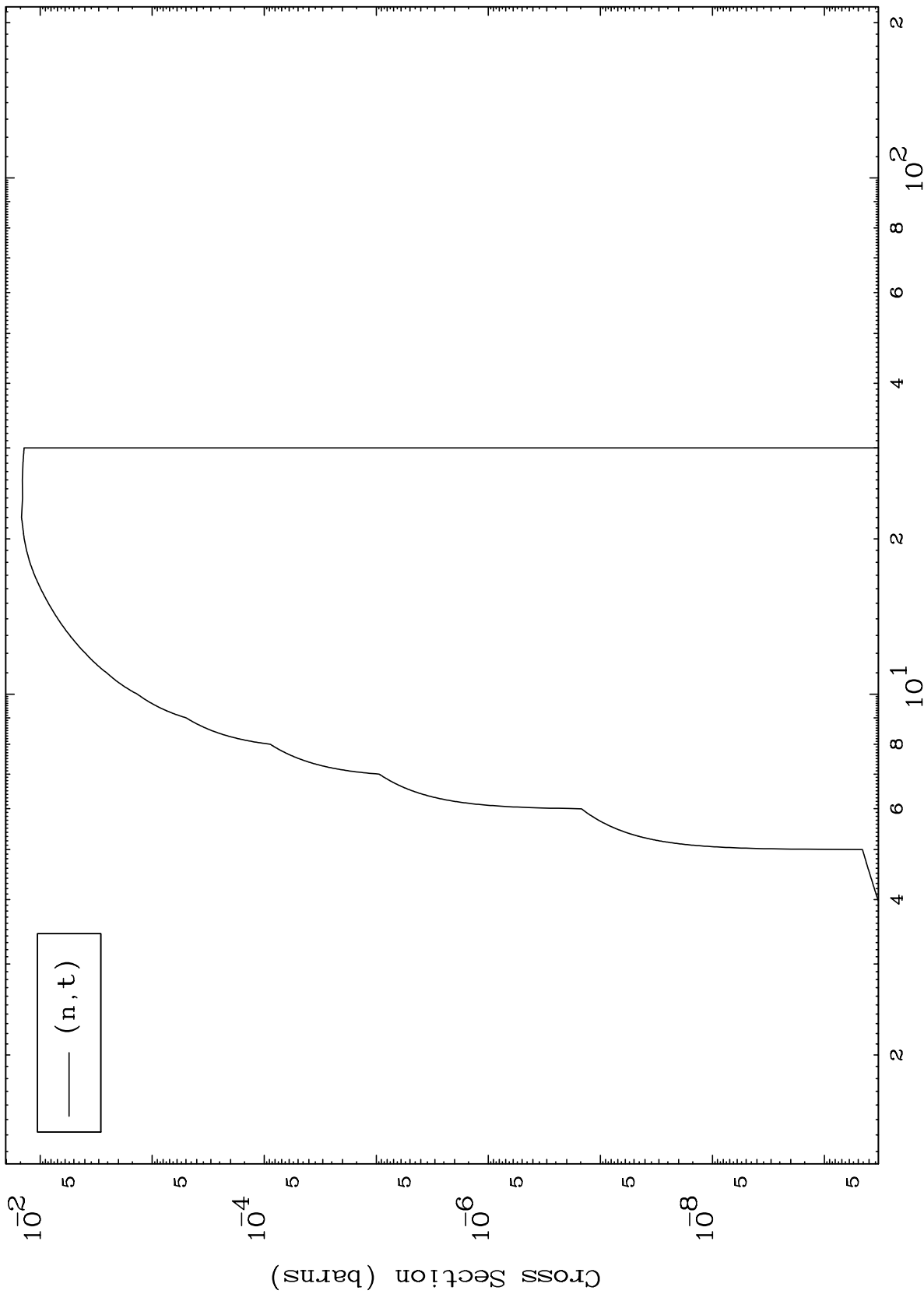
0 Kelvin Cross Sections



MAT 3535

(d,t) Levels
0 Kelvin Cross Sections

35-Br-82m



10

Incident Energy (MeV)

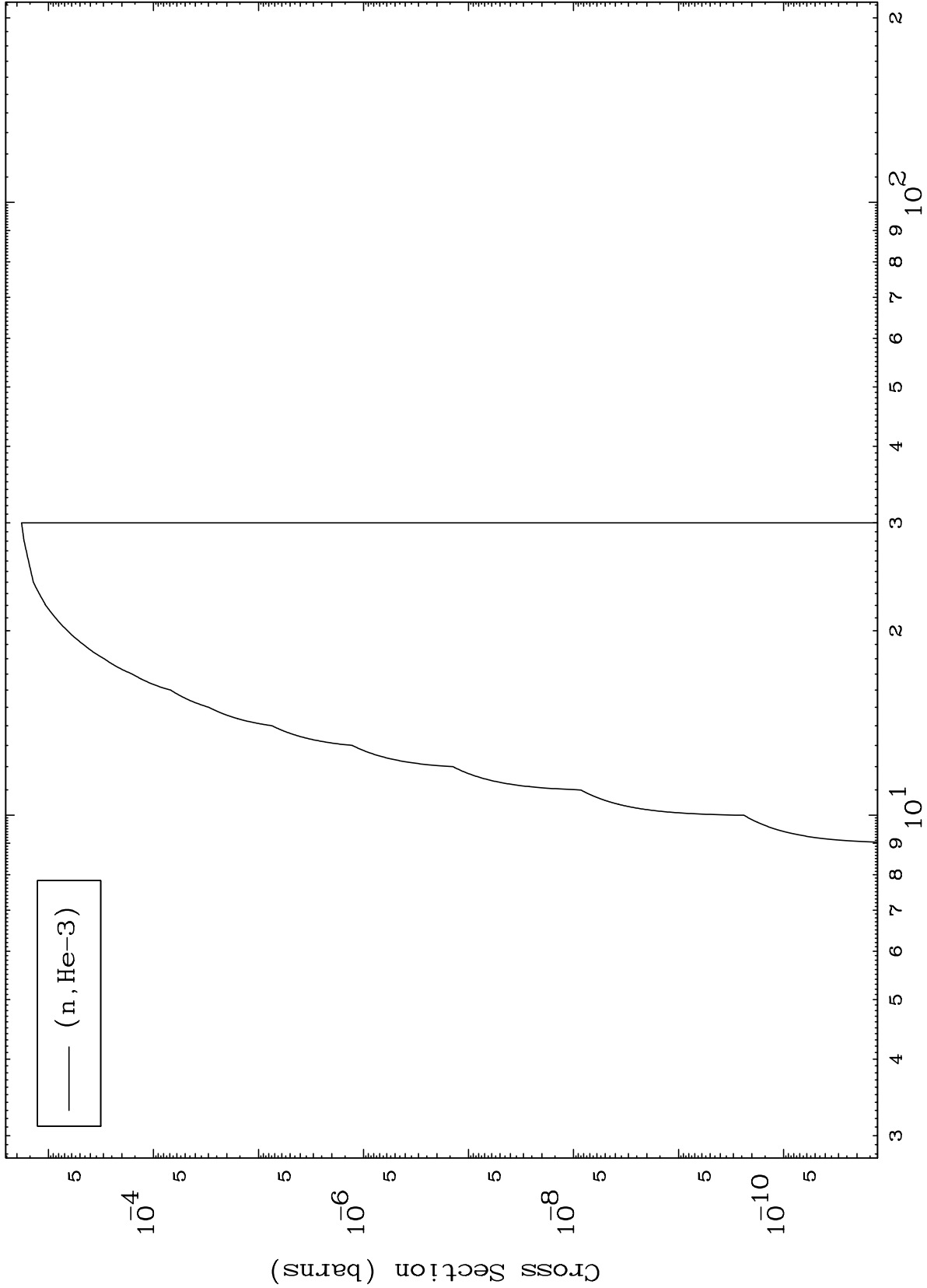
35-Br-82m

MAT 3535

(d,He3) Levels

35-Br-82m

0 Kelvin Cross Sections



11

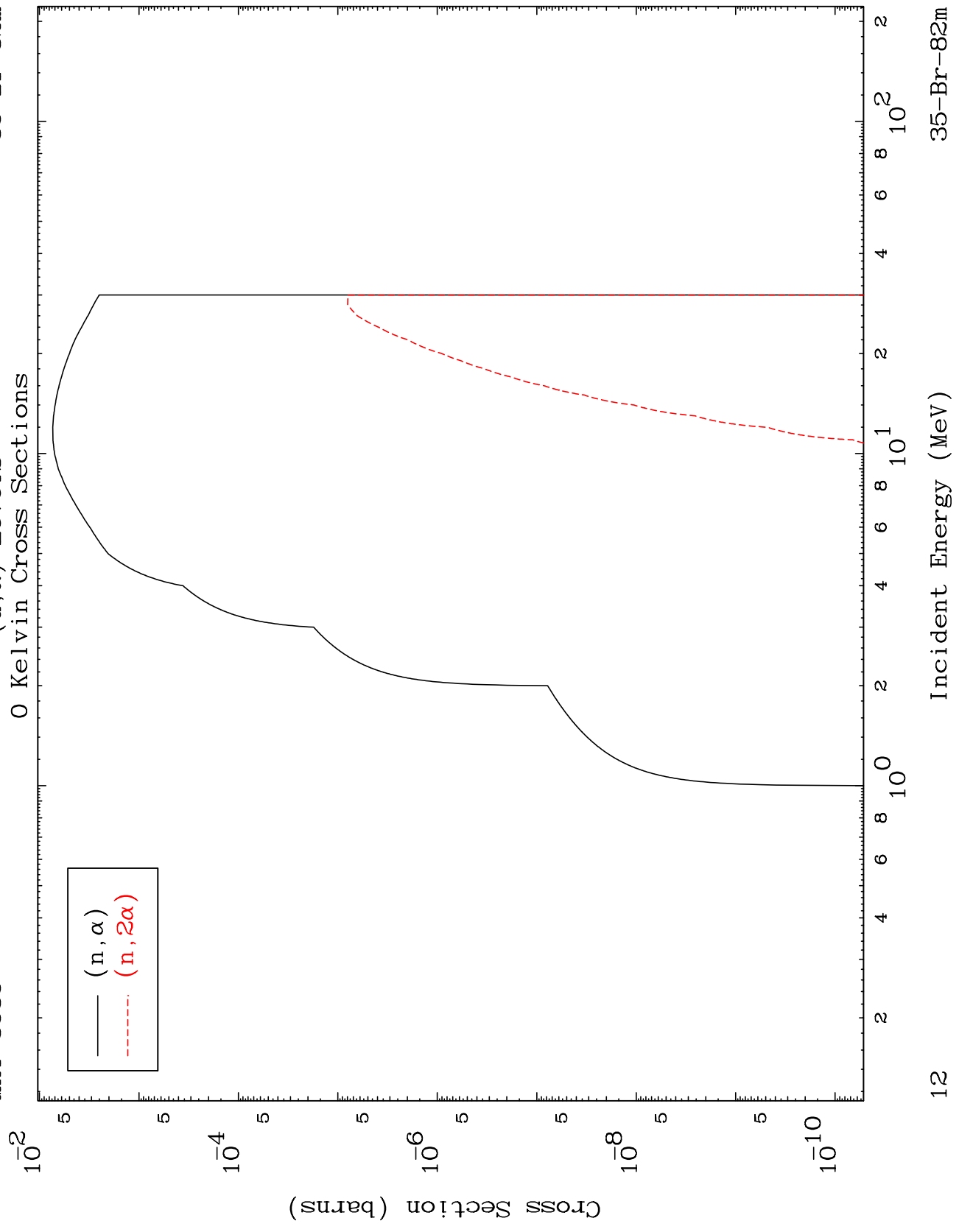
Incident Energy (MeV)

35-Br-82m

MAT 3535

(d, α) Levels

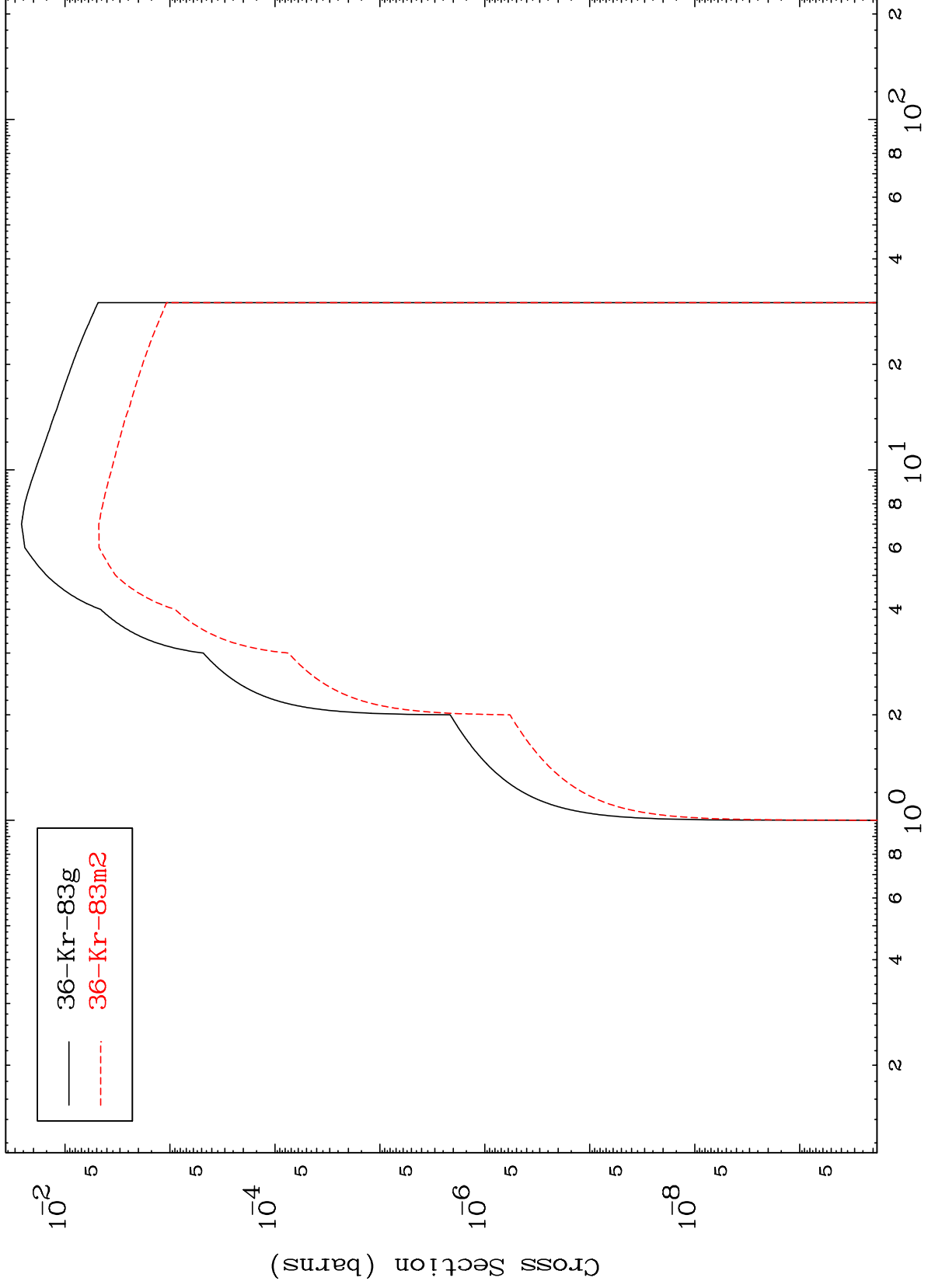
35-Br-82m



MAT 3535

Inelastic
Radionuclide Production Cross Section

35-Br-82m



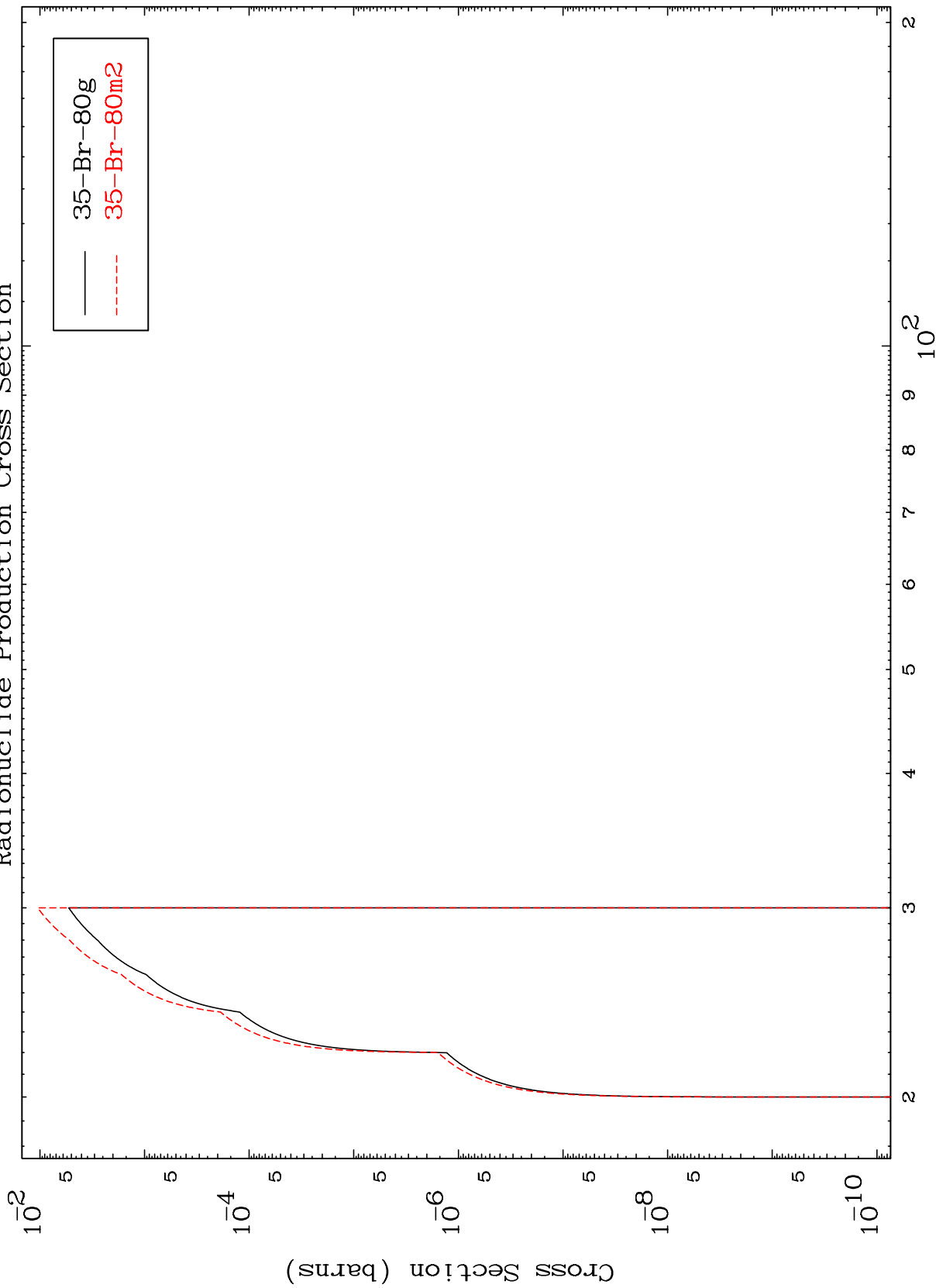
— 36-Kr-83g
- - - 36-Kr-83m2

MAT 3535

(n,2n) d

35-Br-82m

Radionuclide Production Cross Section



14

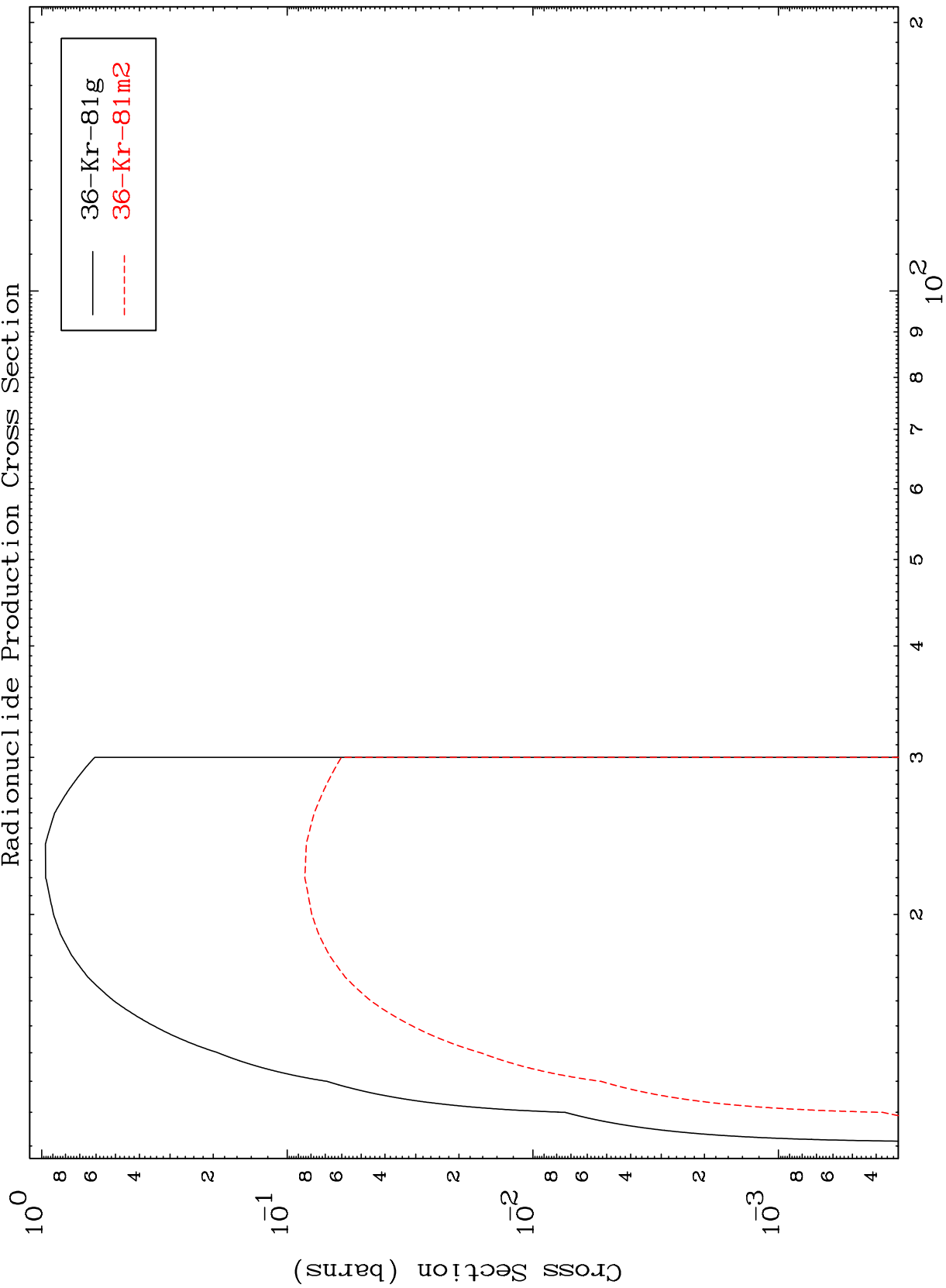
Incident Energy (MeV)

35-Br-82m

MAT 3535

35-Br-82m

(n,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

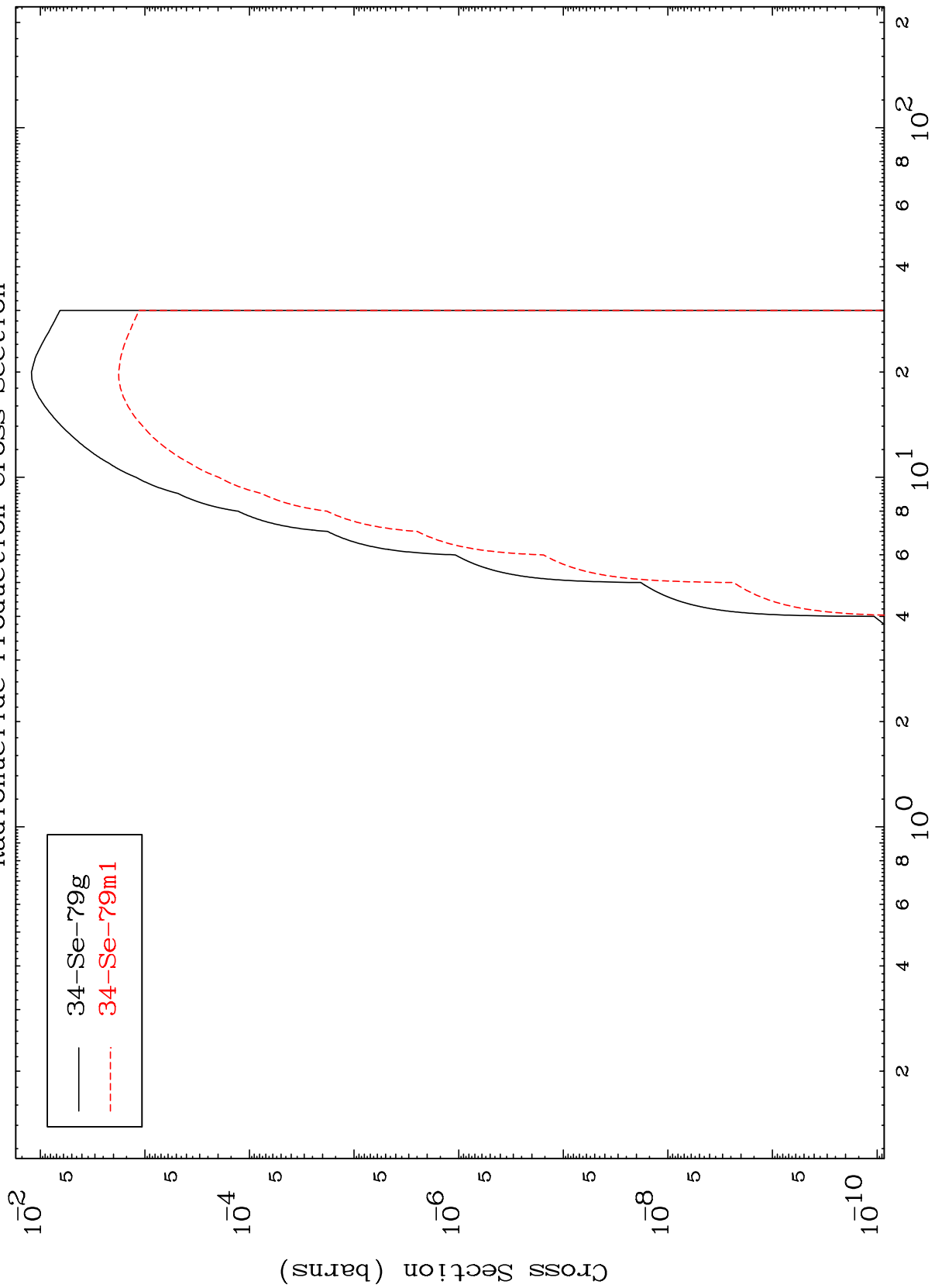
35-Br-82m

MAT 3535

$(n, n') \alpha$

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

Radionuclide Production Cross Section



— $^{34}\text{Se-79g}$
- - - $^{34}\text{Se-79m1}$

16

Incident Energy (MeV)

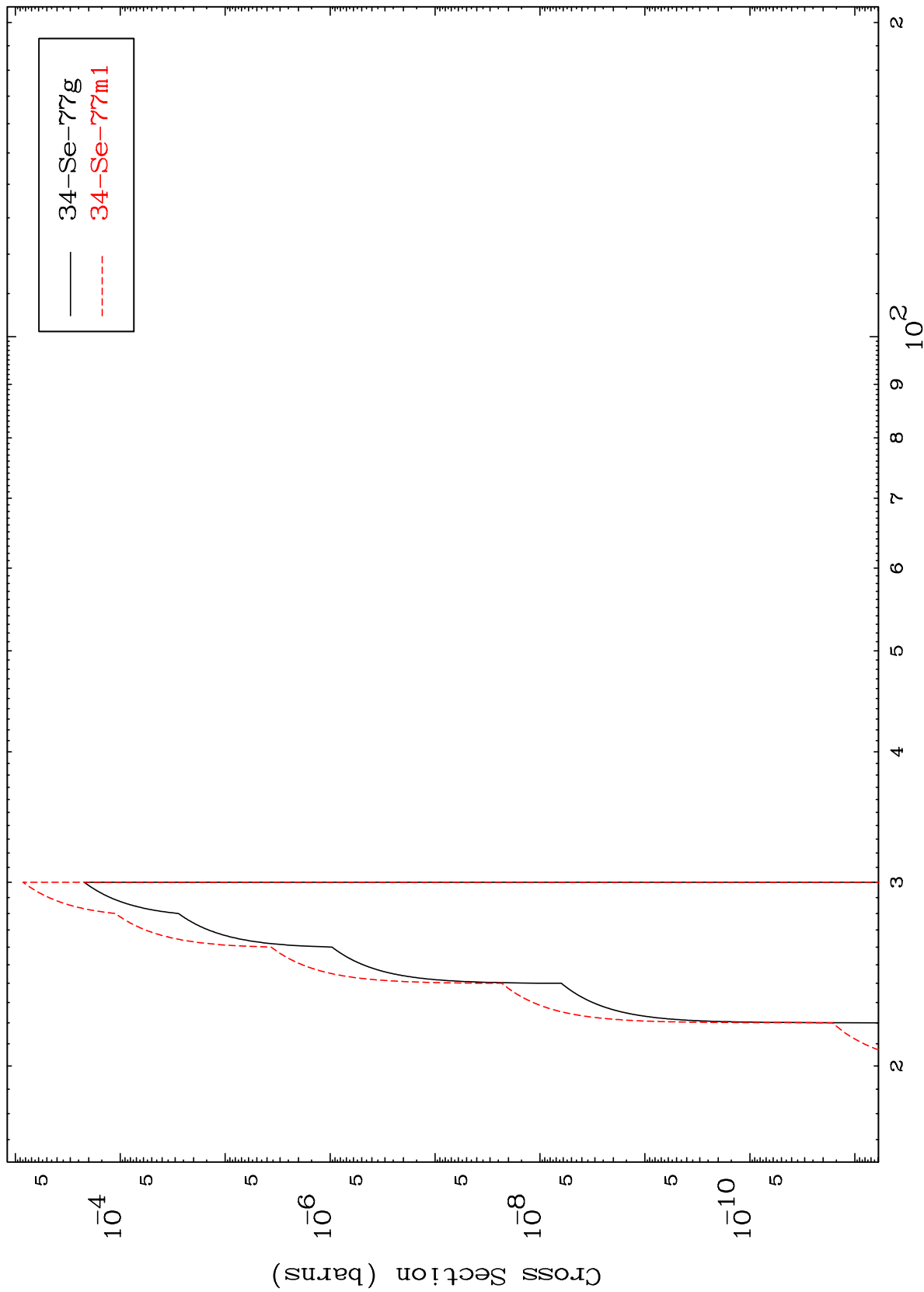
$^{35}\text{Br-82m}$

MAT 3535

$(n,3n) \alpha$

35-Br-82m

Radionuclide Production Cross Section



17

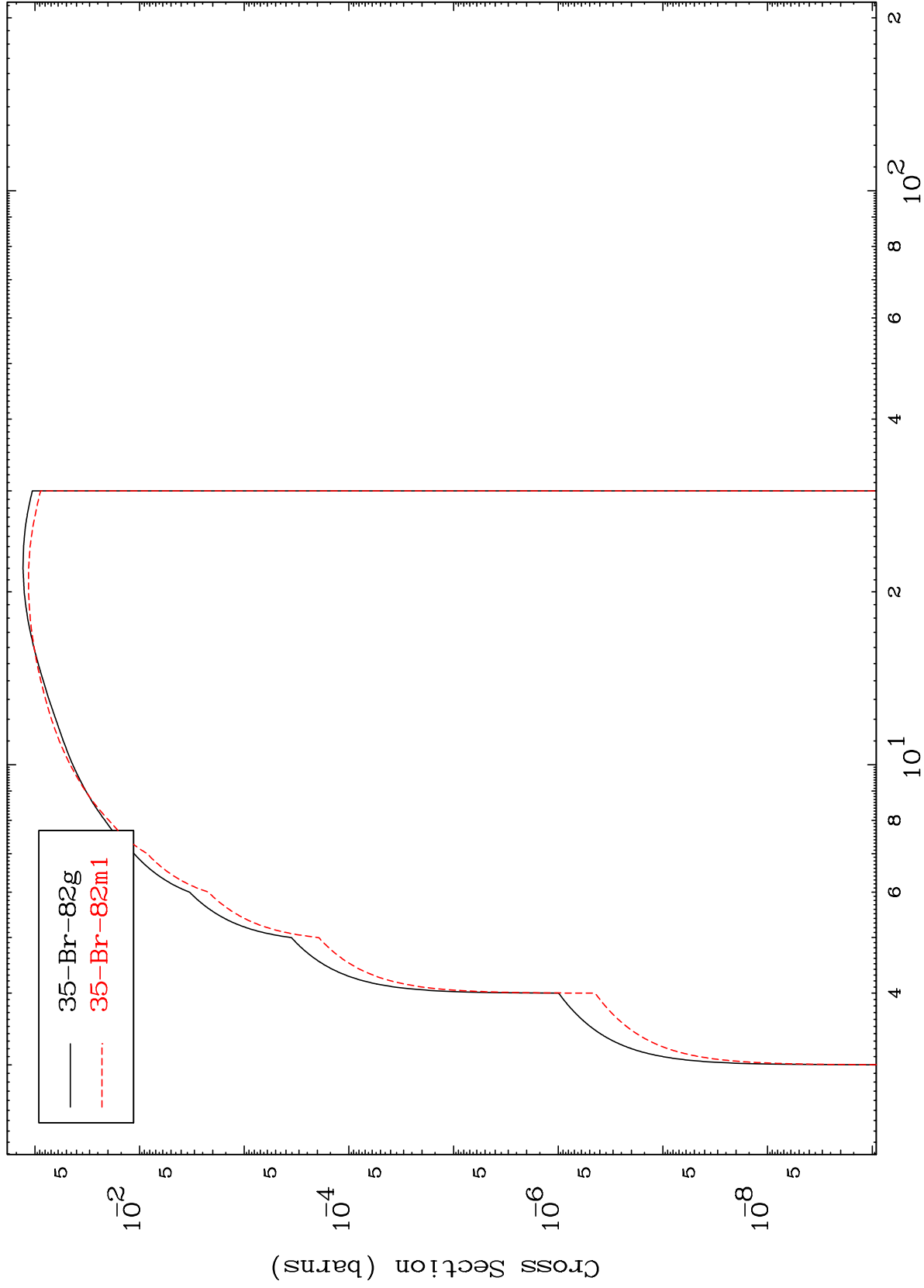
Incident Energy (MeV)

35-Br-82m

MAT 3535

³⁵Br-82m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

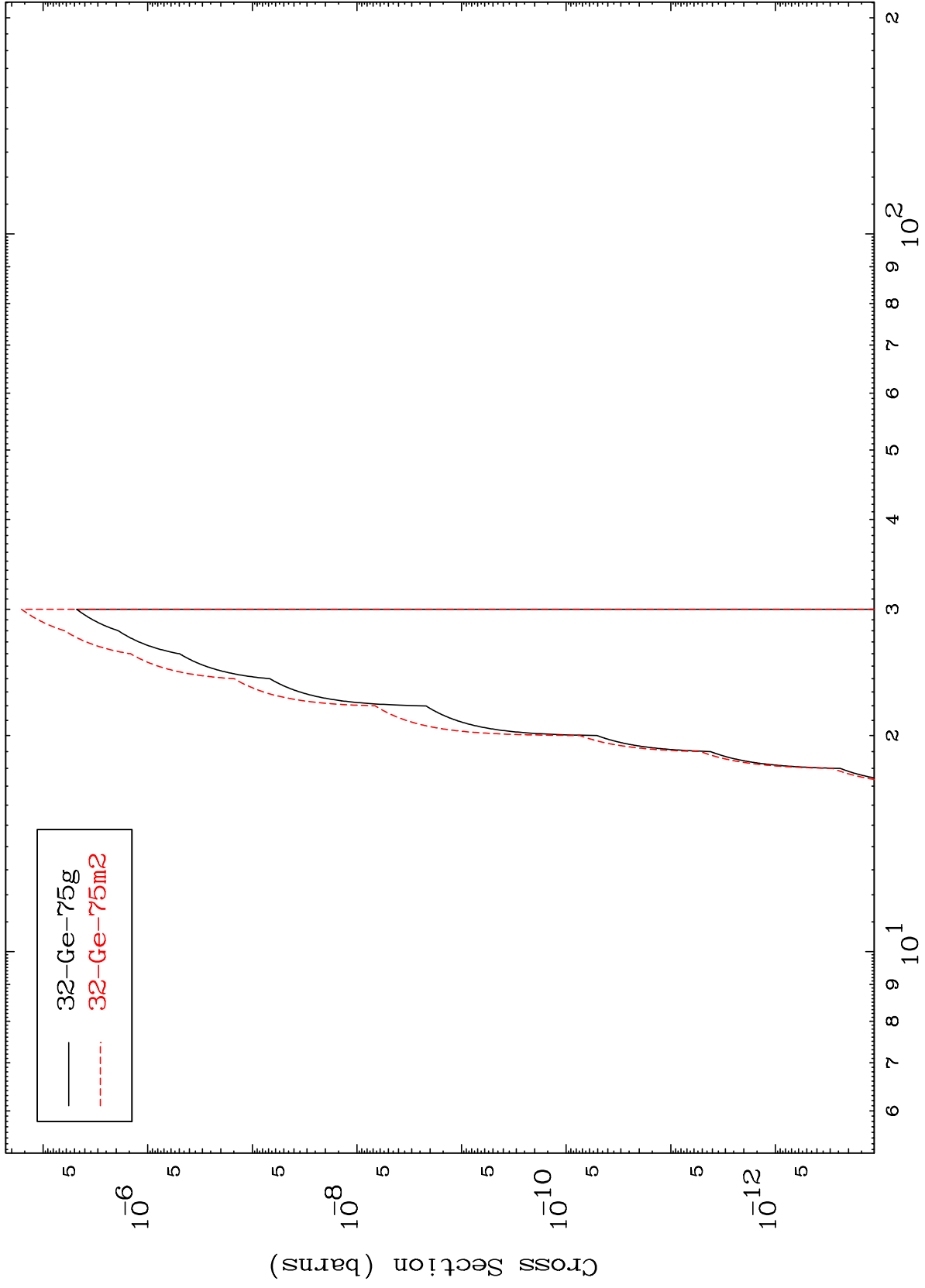
³⁵Br-82m

MAT 3535

(n, n') 2α

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

Radionuclide Production Cross Section



19

Incident Energy (MeV)

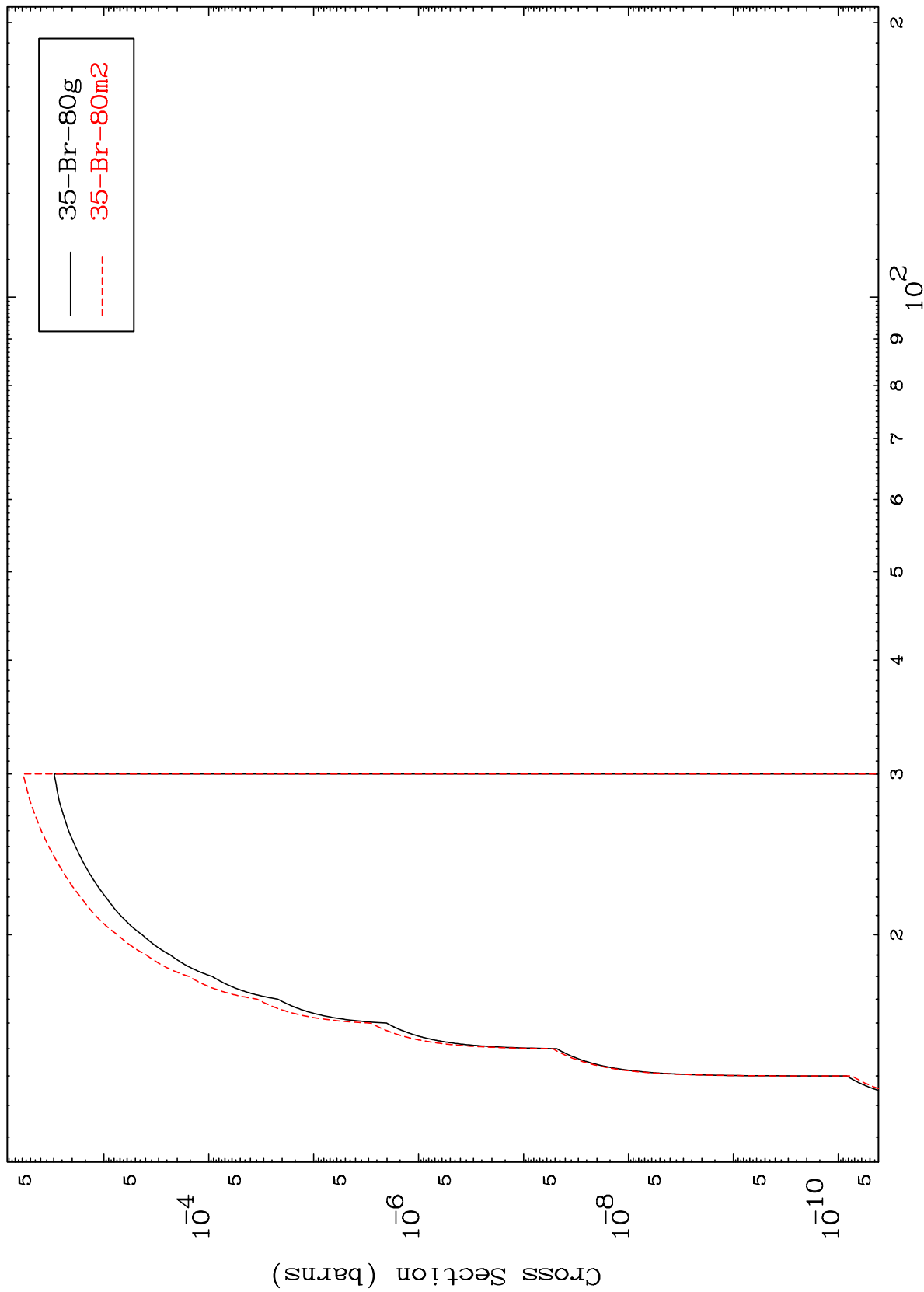
$^{35}\text{Br-82m}$

MAT 3535

(n,n') t

35-Br-82m

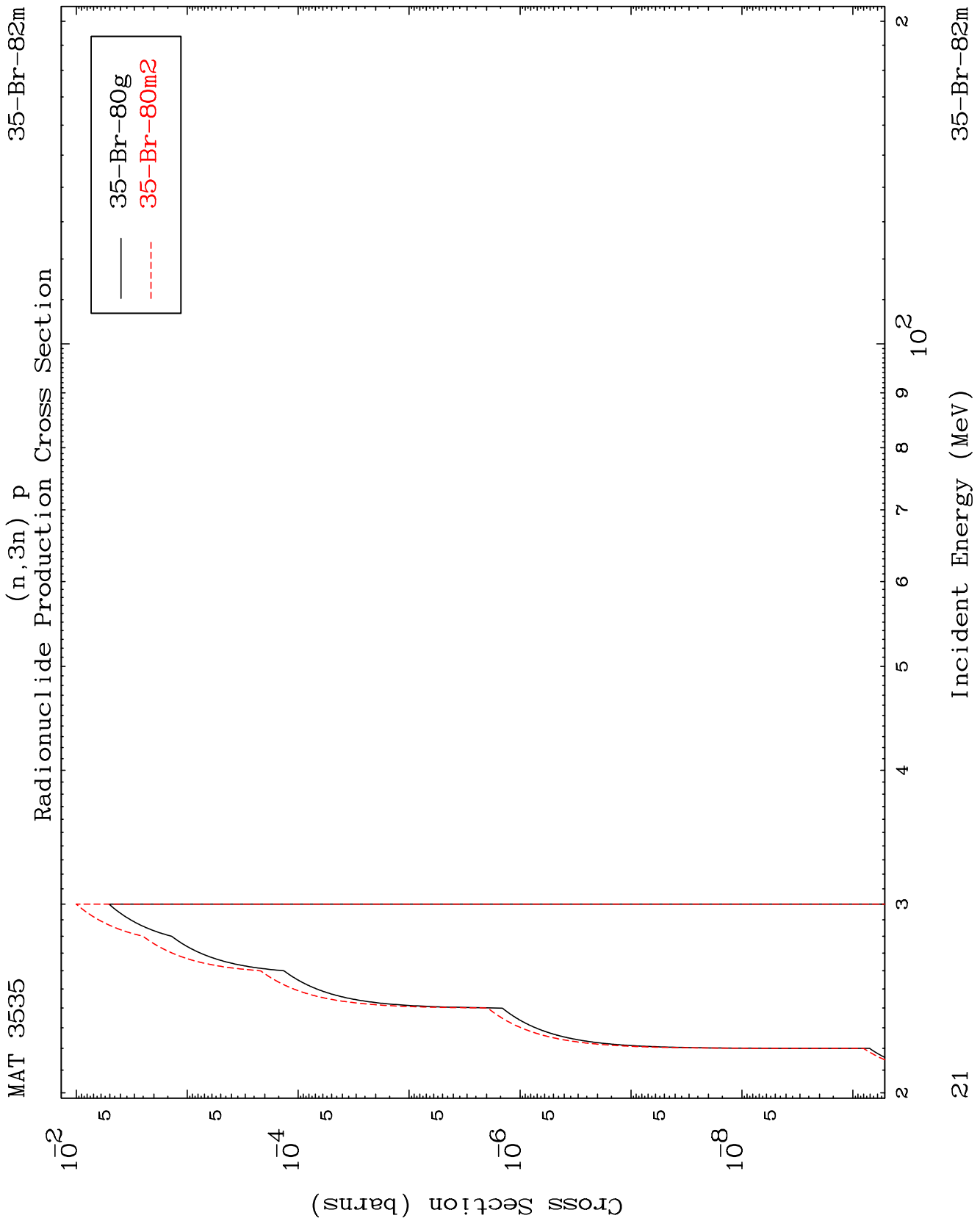
Radionuclide Production Cross Section



20

Incident Energy (MeV)

35-Br-82m

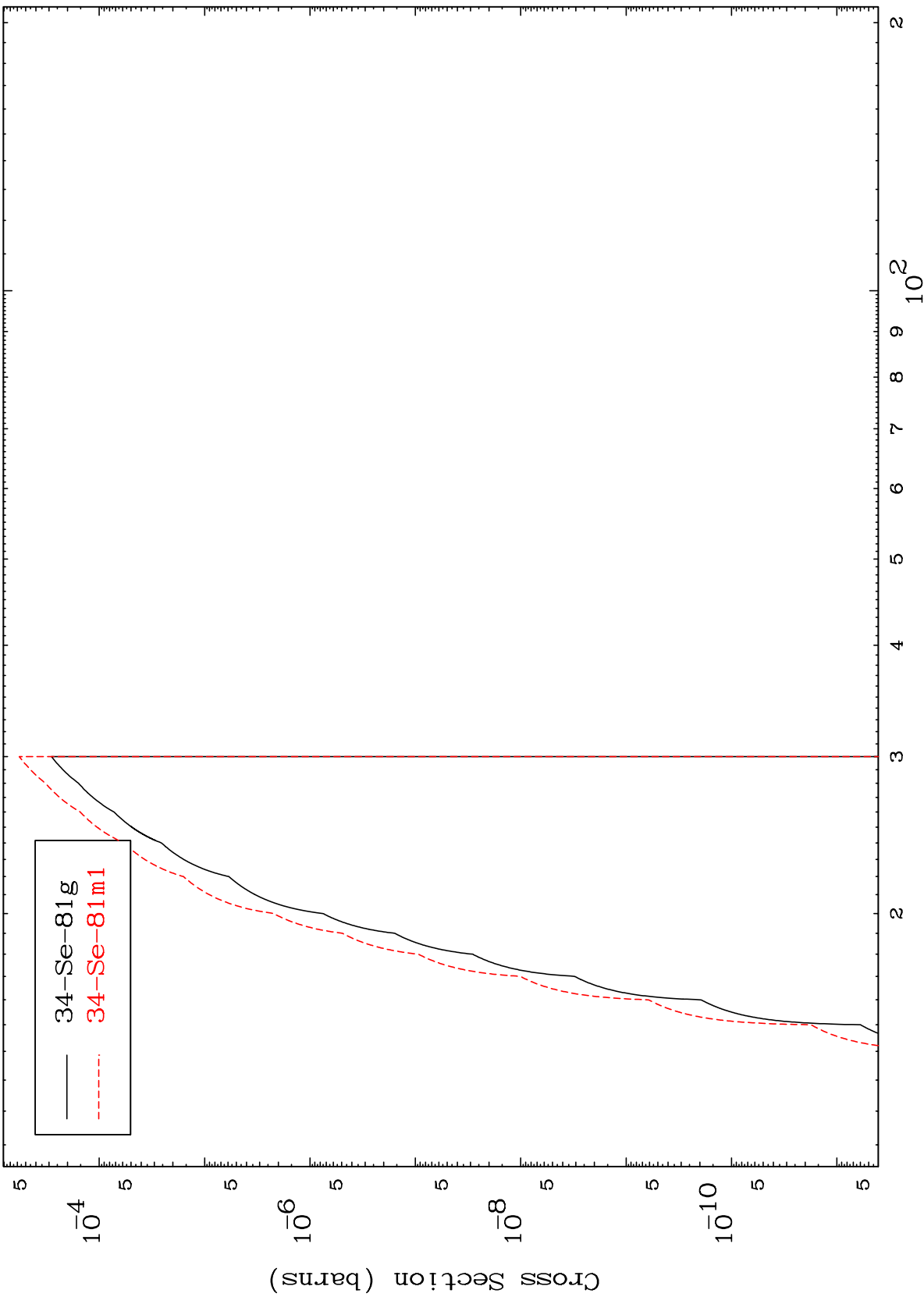


MAT 3535

(n,2n) p

³⁵Br-82m

Radionuclide Production Cross Section



Incident Energy (MeV)

³⁵Br-82m

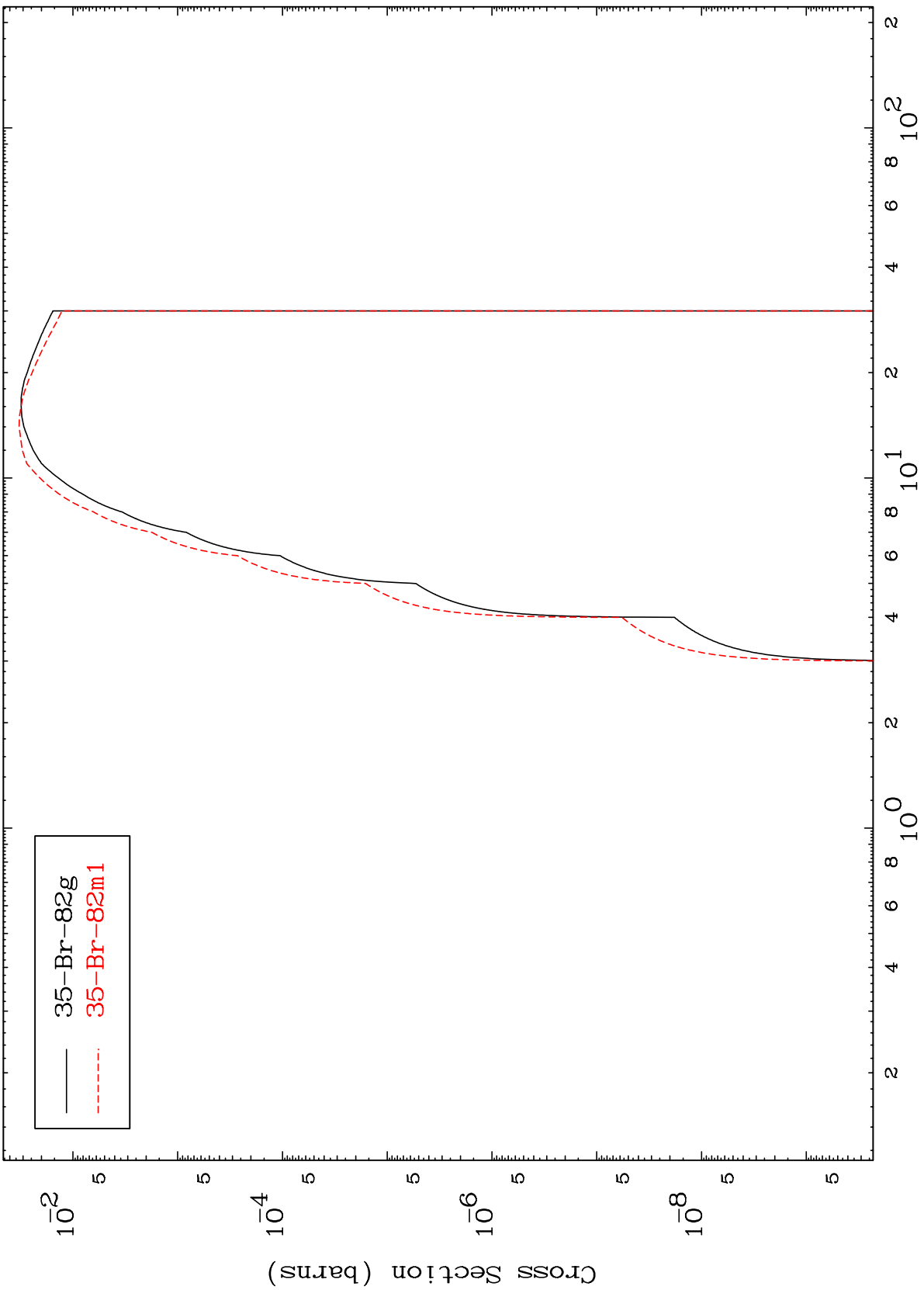
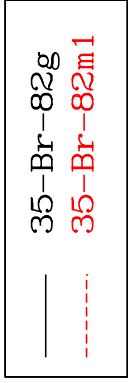
22

MAT 3535

(n, d)

35-Br-82m

Radionuclide Production Cross Section

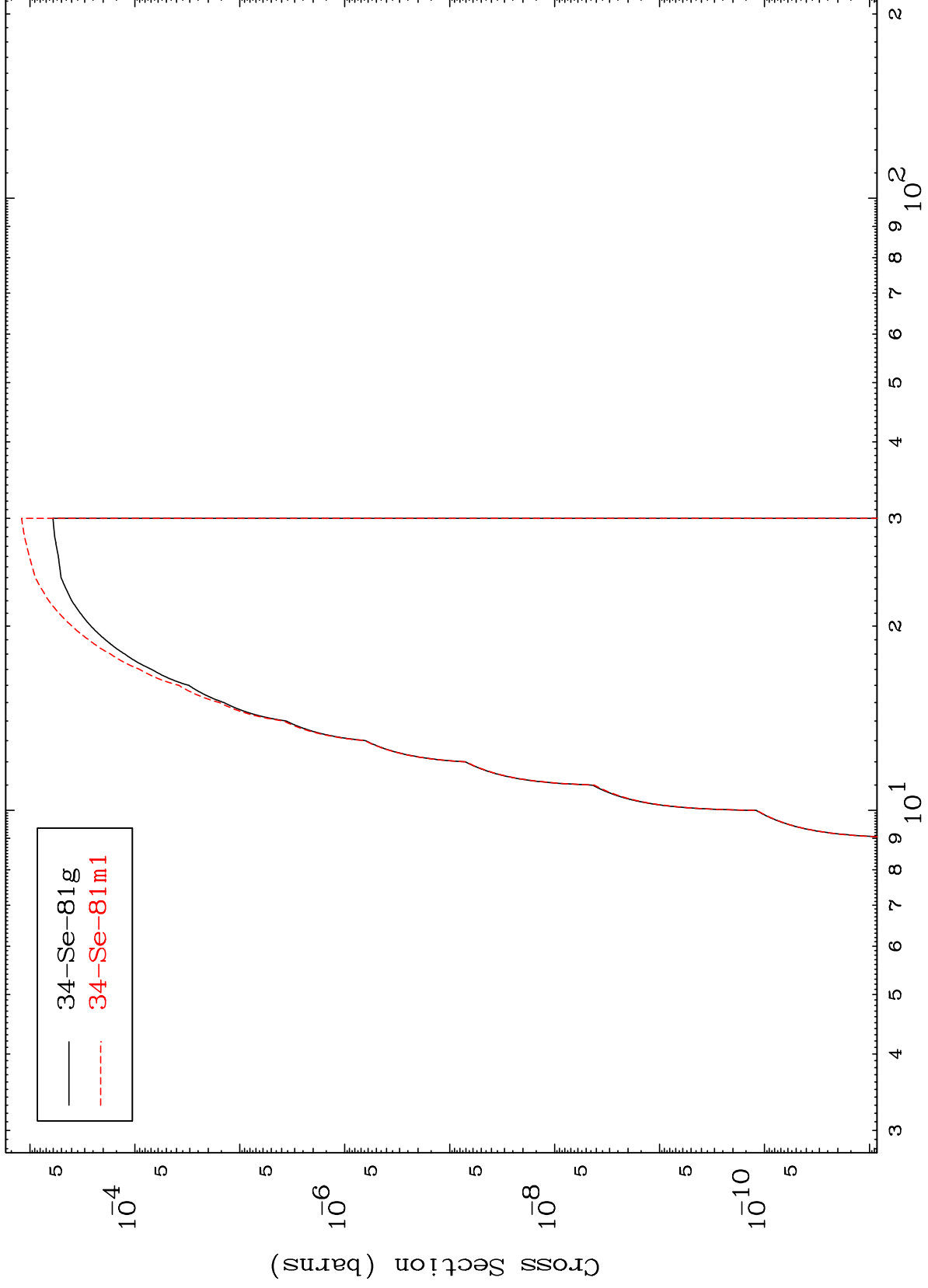


MAT 3535

(n,He-3)

35-Br-82m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

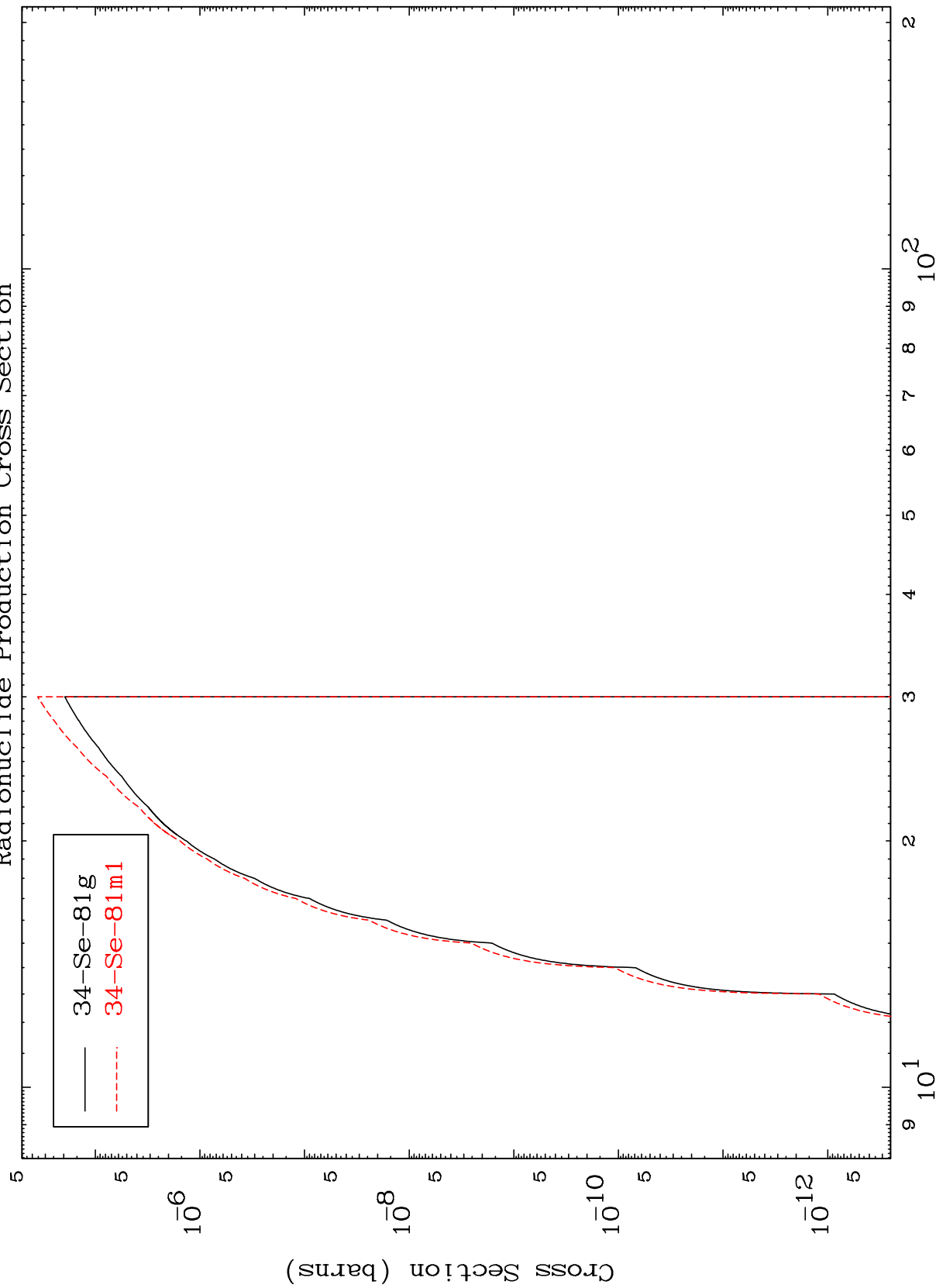
35-Br-82m

MAT 3535

(n,p) d

³⁵Br-82m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

³⁵Br-82m