

Program EVALPLOT
(Version 2021-1)

by

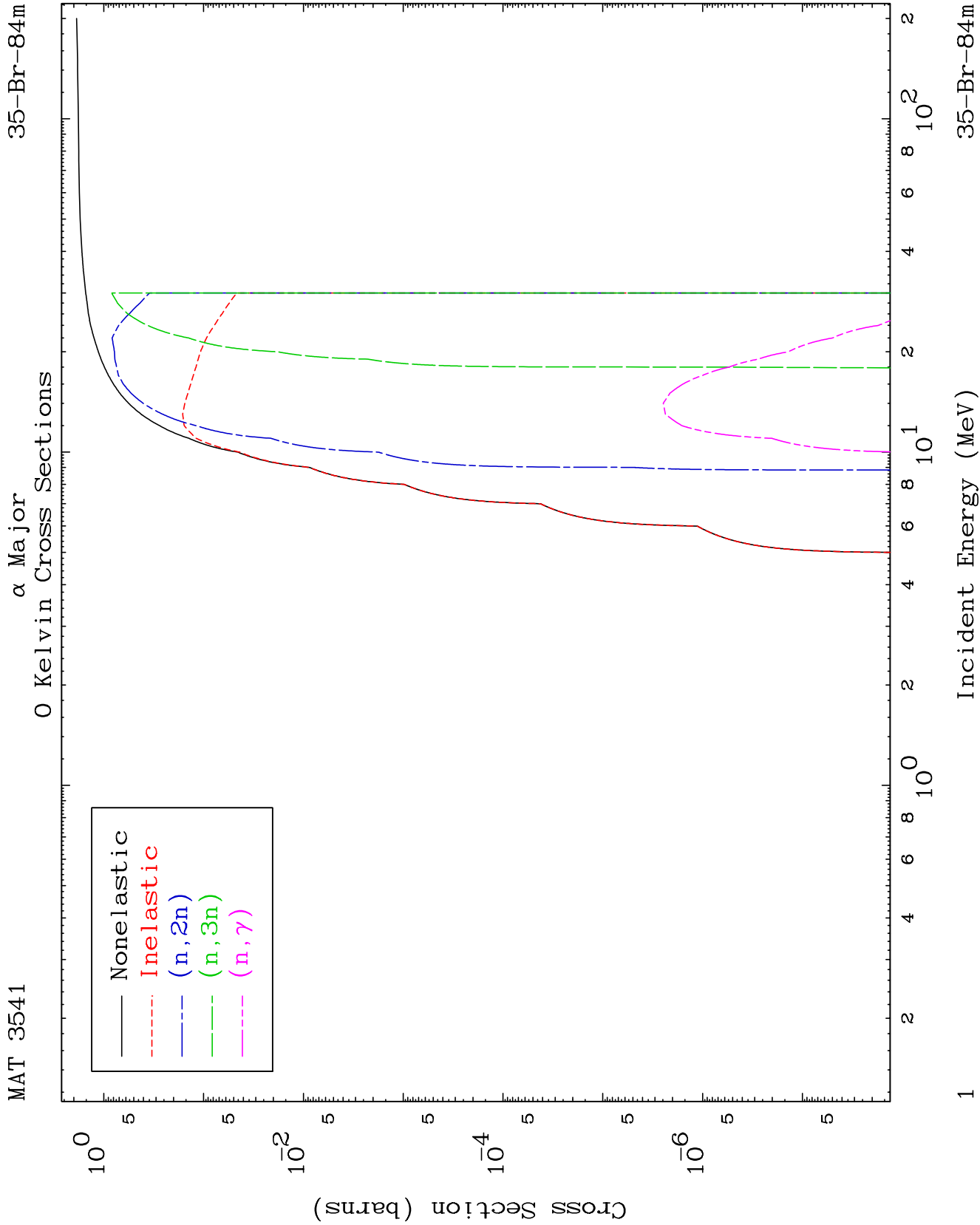
Dermott E. Cullen
(Present Contact Information)

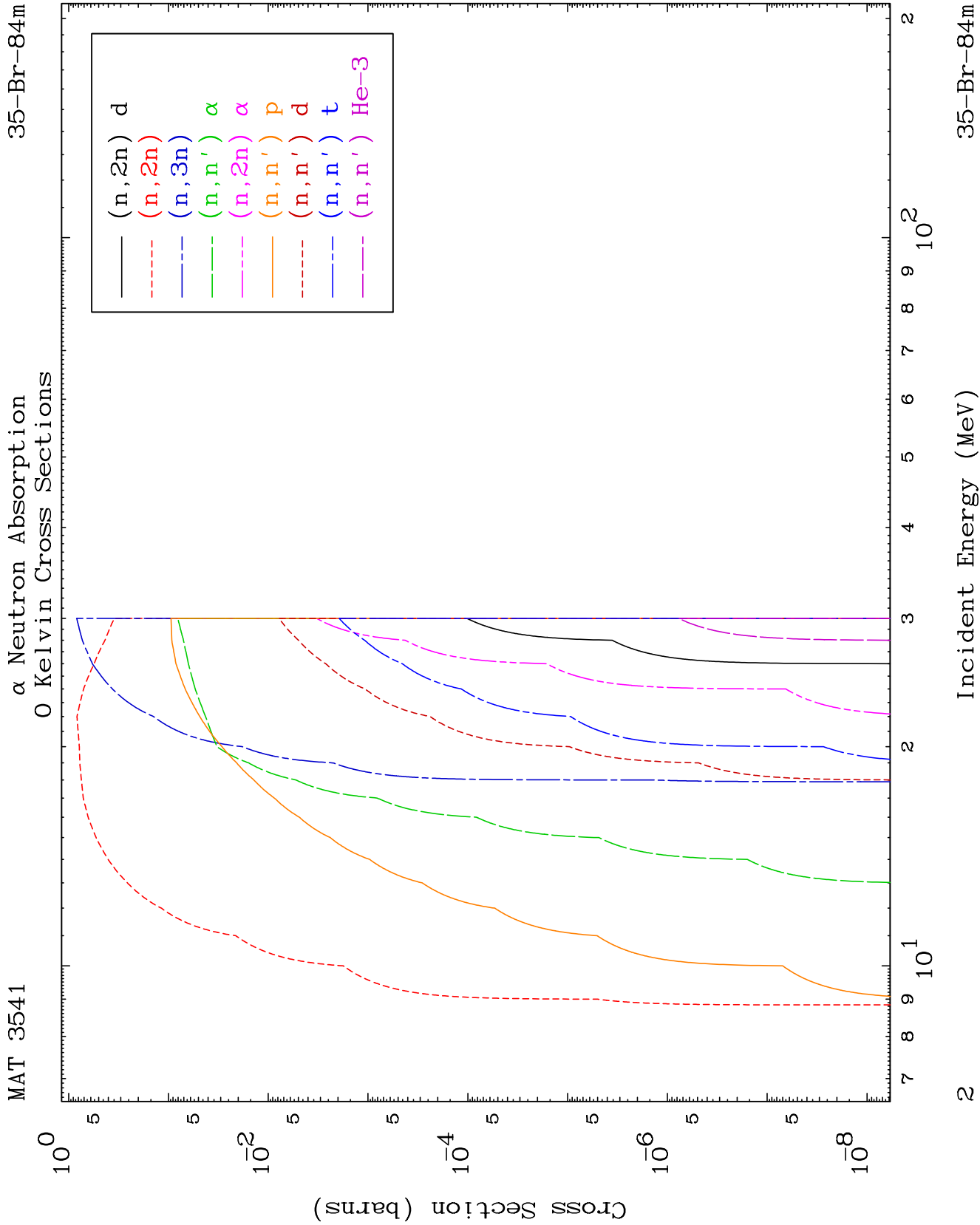
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

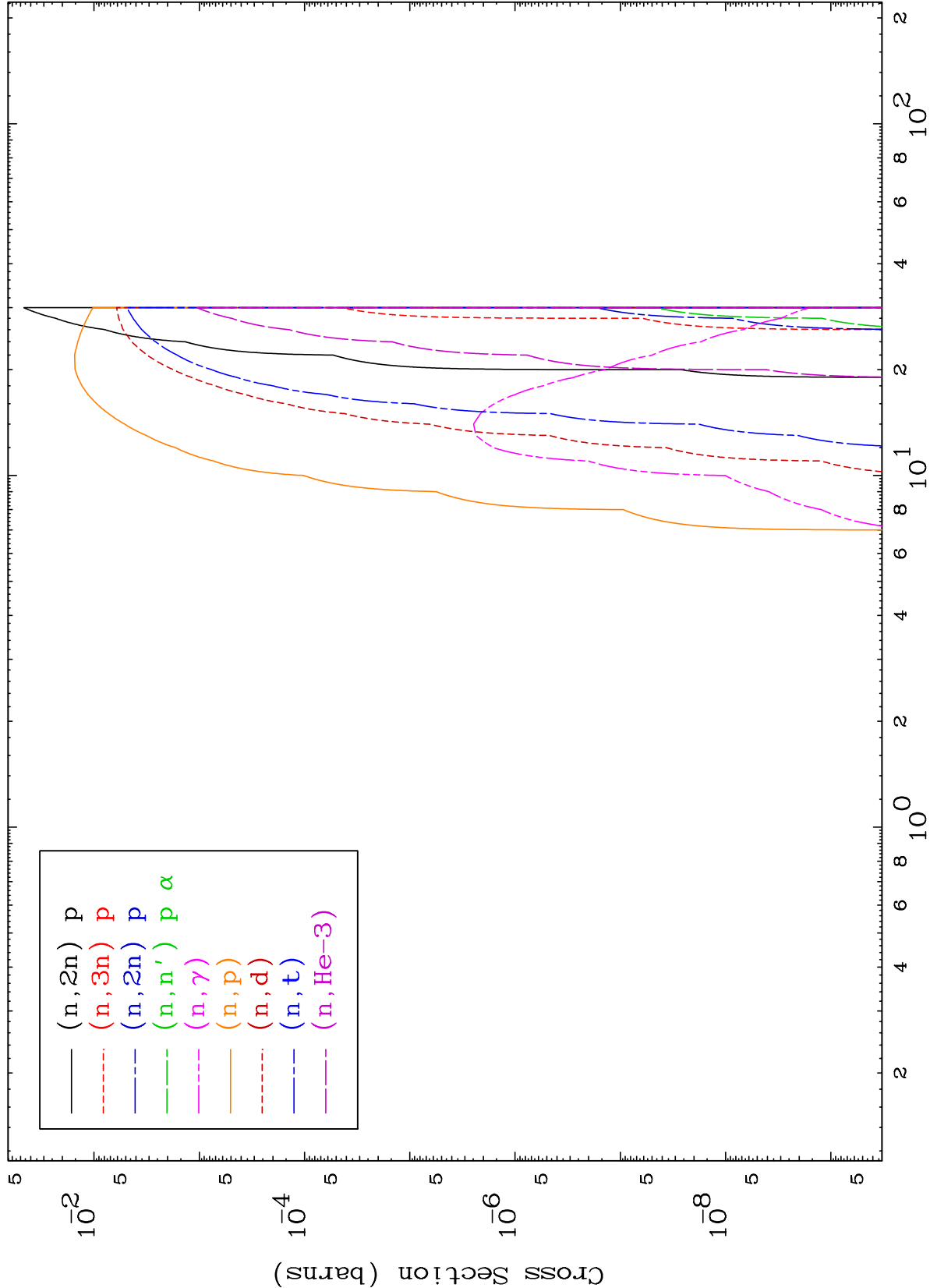
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





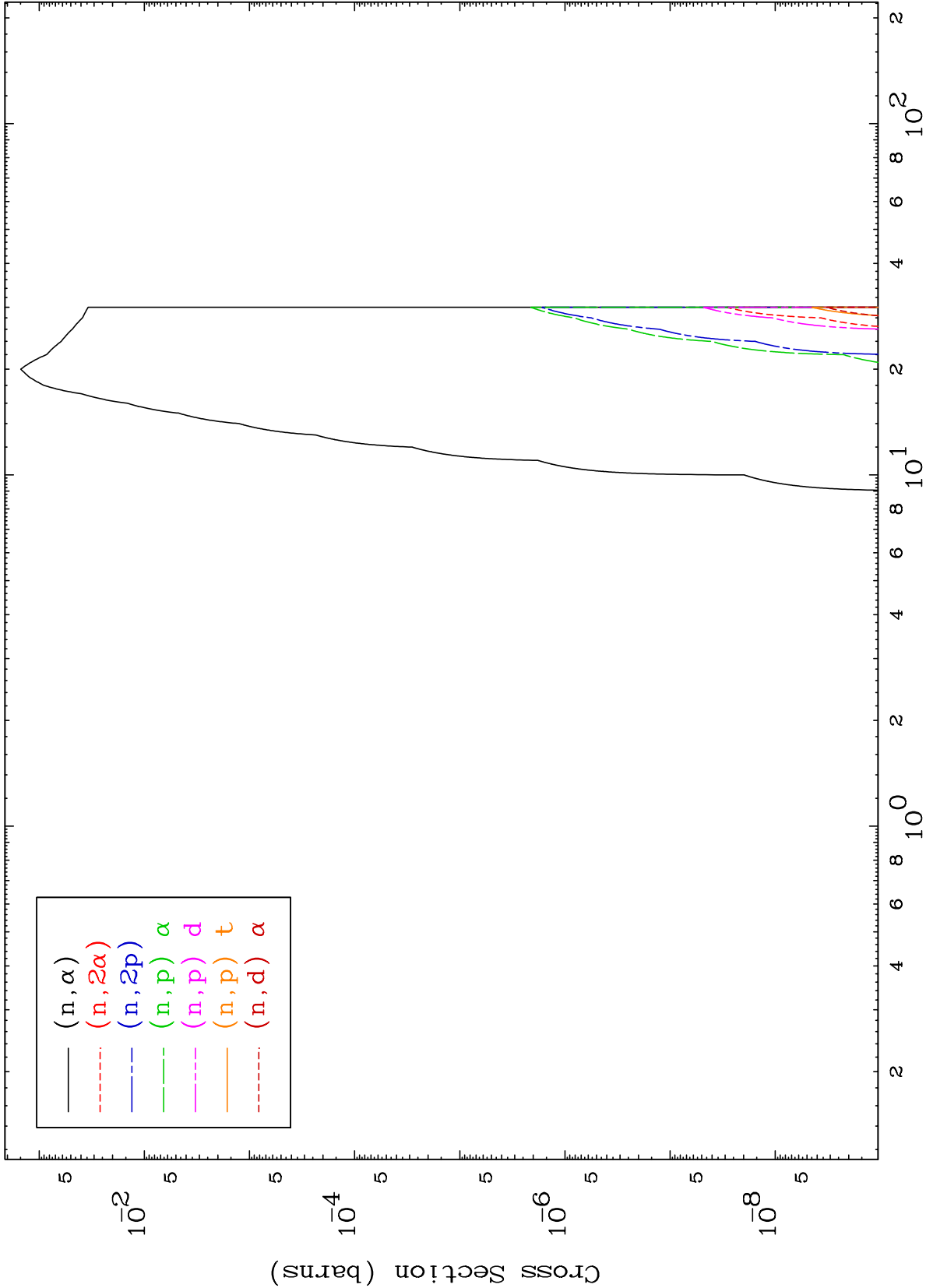


MAT 3541

α Neutron Absorption

35-Br-84m

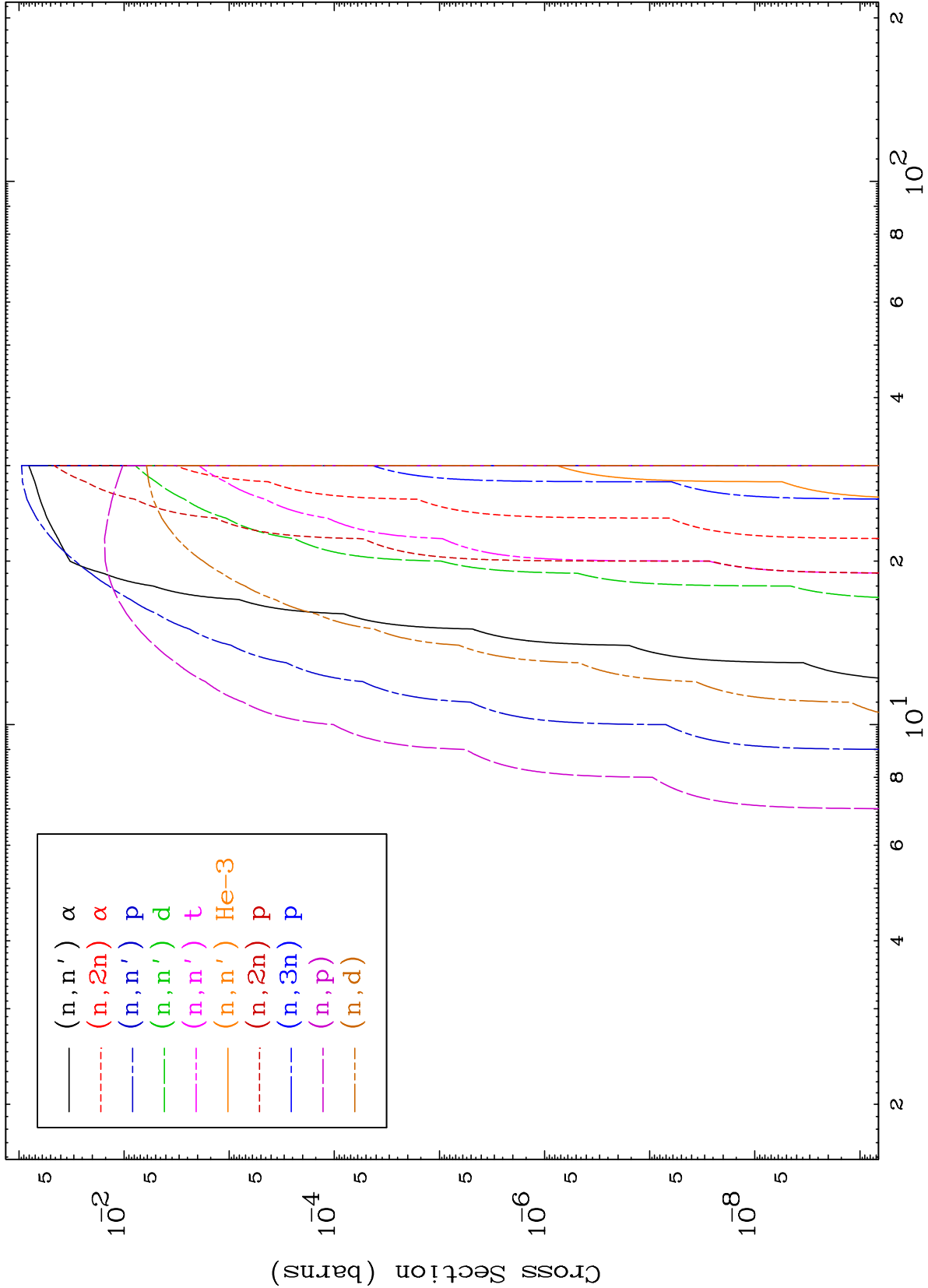
0 Kelvin Cross Sections



MAT 3541

α Charged Particle
0 Kelvin Cross Sections

35-Br-84m

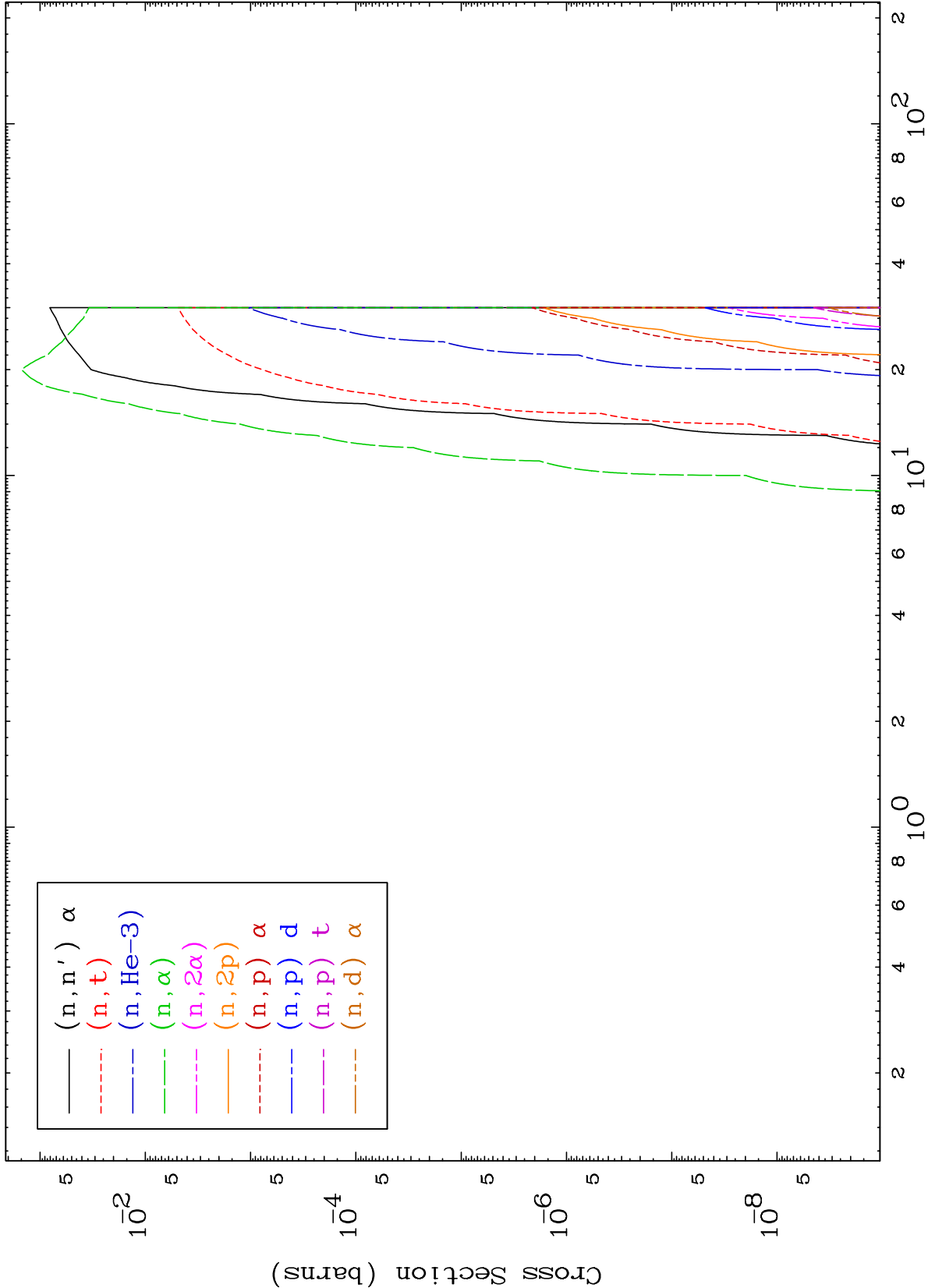


5

Incident Energy (MeV)

35-Br-84m

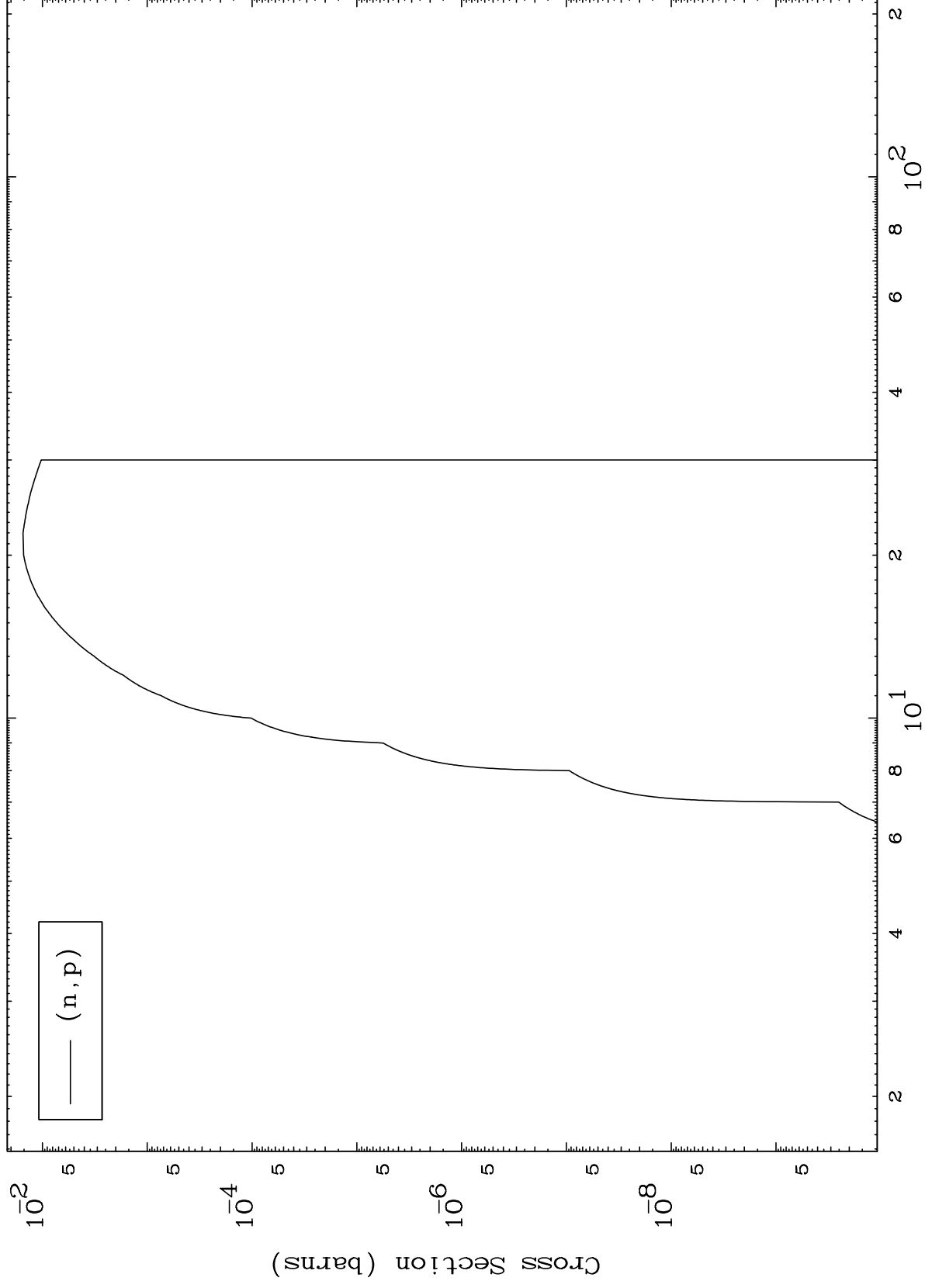
0 Kelvin Cross Sections



MAT 3541

35-Br-84m

(α, p) Levels
0 Kelvin Cross Sections



35-Br-84m

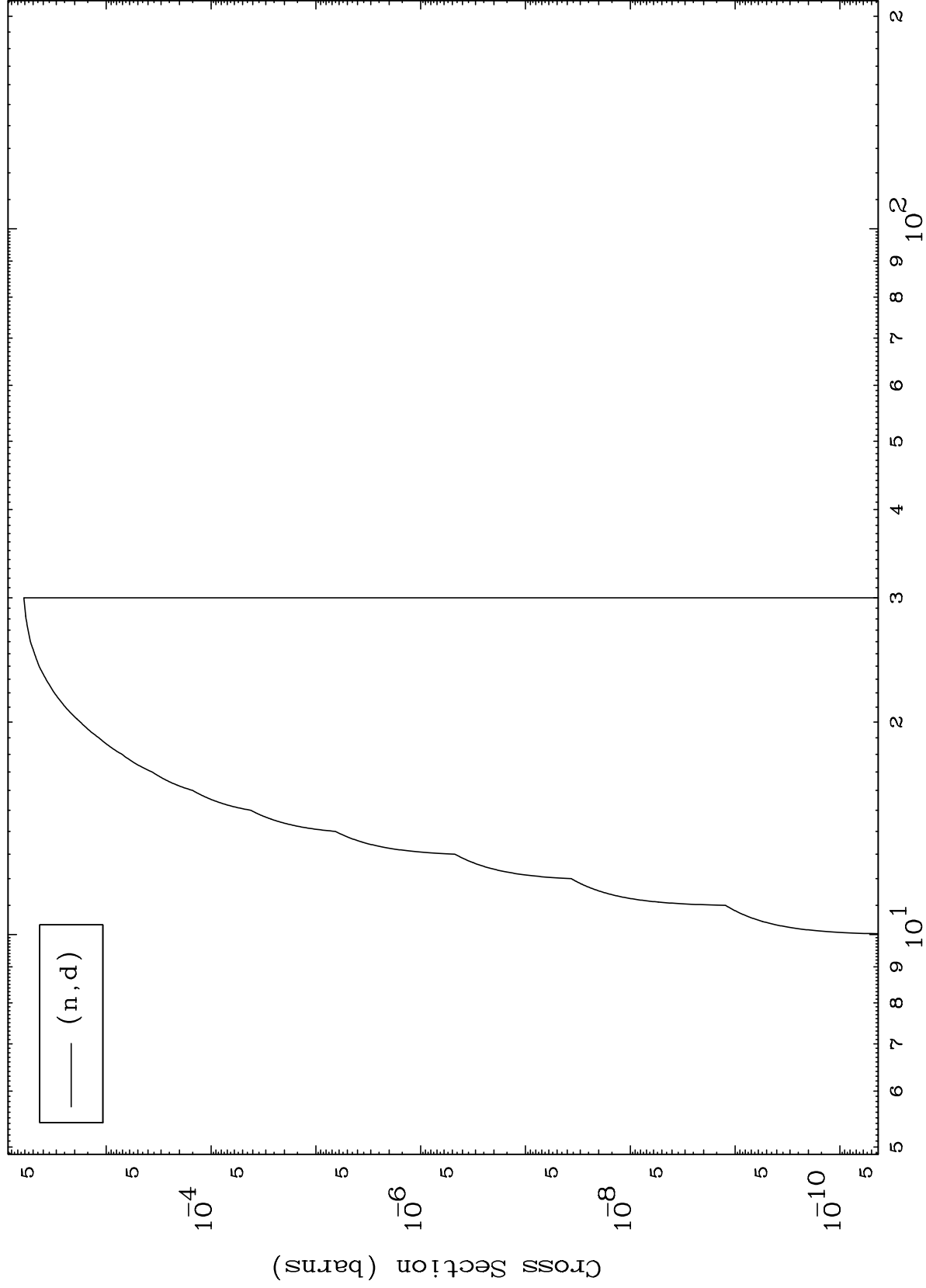
Incident Energy (MeV)

7

MAT 3541

35-Br-84m

(α, d) Levels
0 Kelvin Cross Sections



35-Br-84m

Incident Energy (MeV)

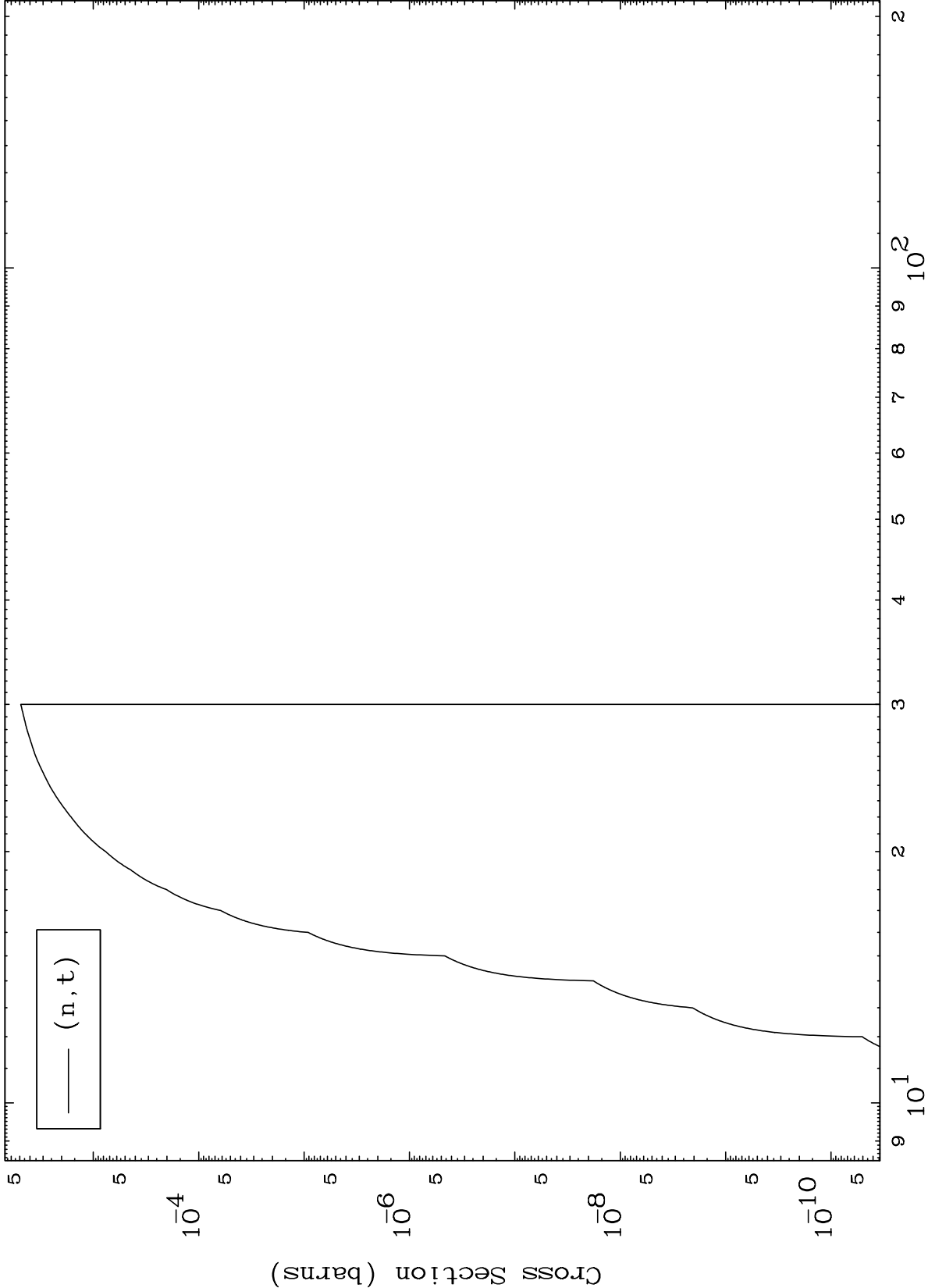
8

MAT 3541

(α, t) Levels

35-Br-84m

0 Kelvin Cross Sections



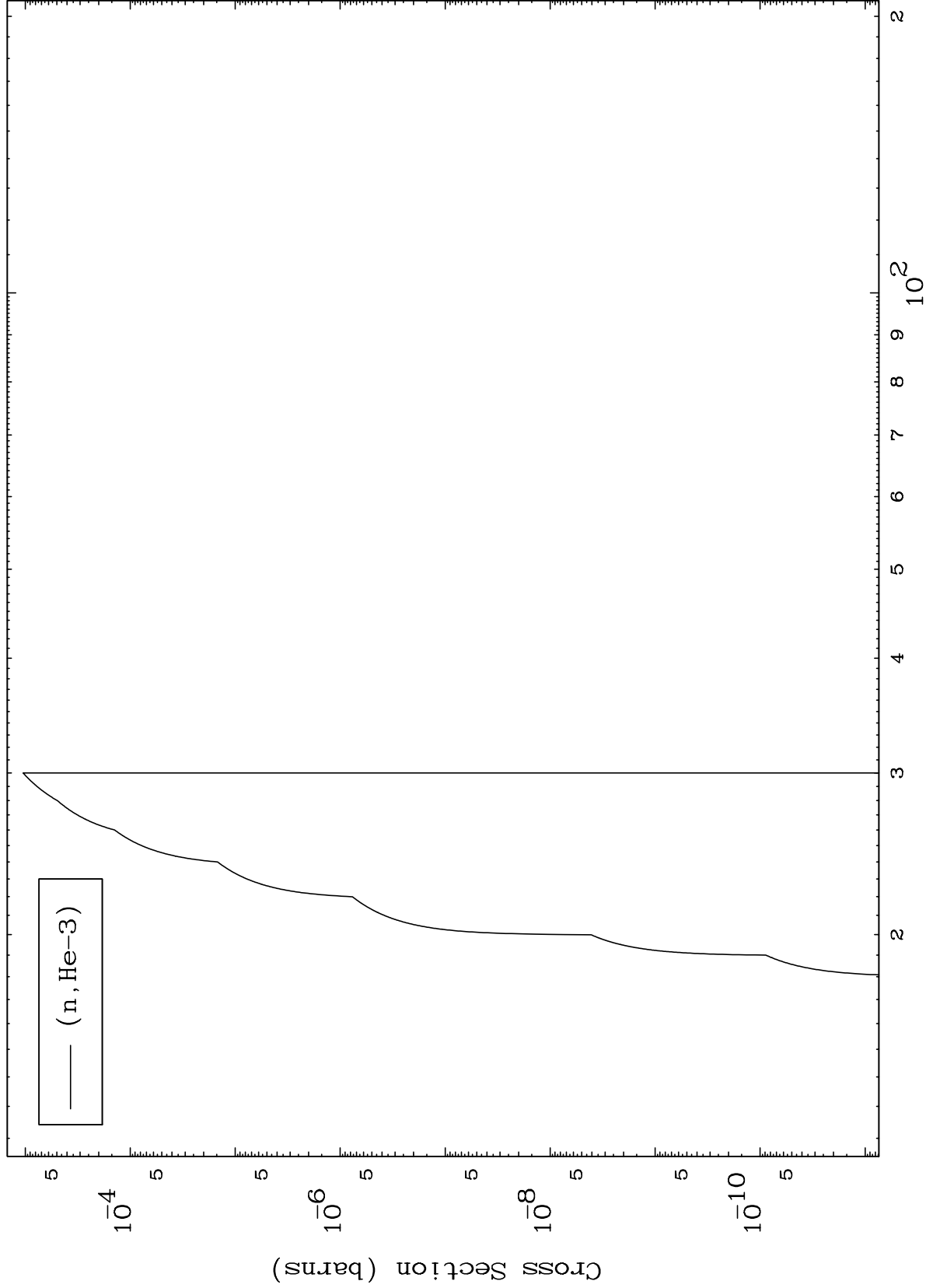
Incident Energy (MeV)

35-Br-84m

MAT 3541

(α ,He3) Levels
0 Kelvin Cross Sections

35-Br-84m



10

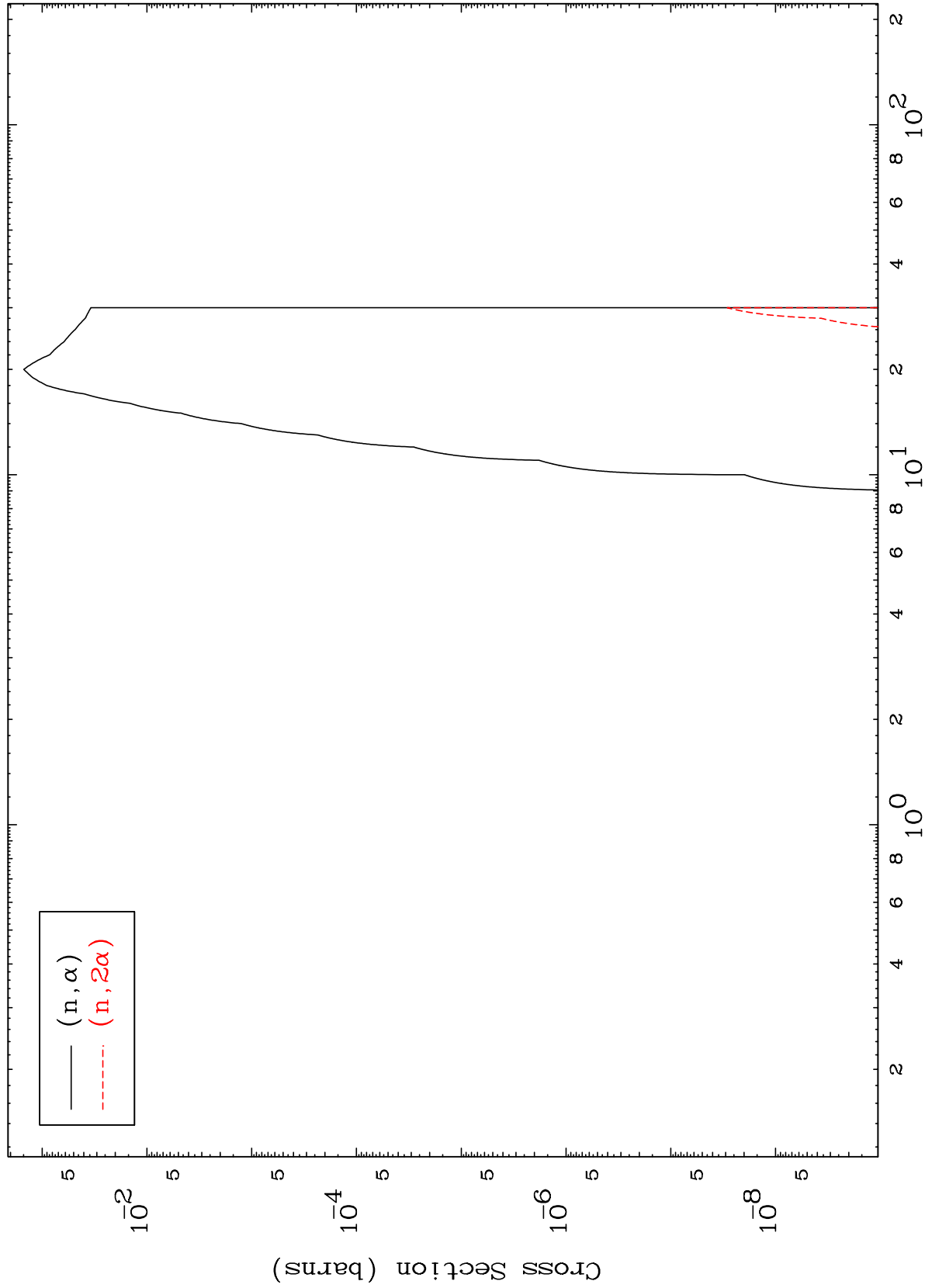
Incident Energy (MeV)

35-Br-84m

MAT 3541

35-Br-84m

(α, α) Levels
0 Kelvin Cross Sections



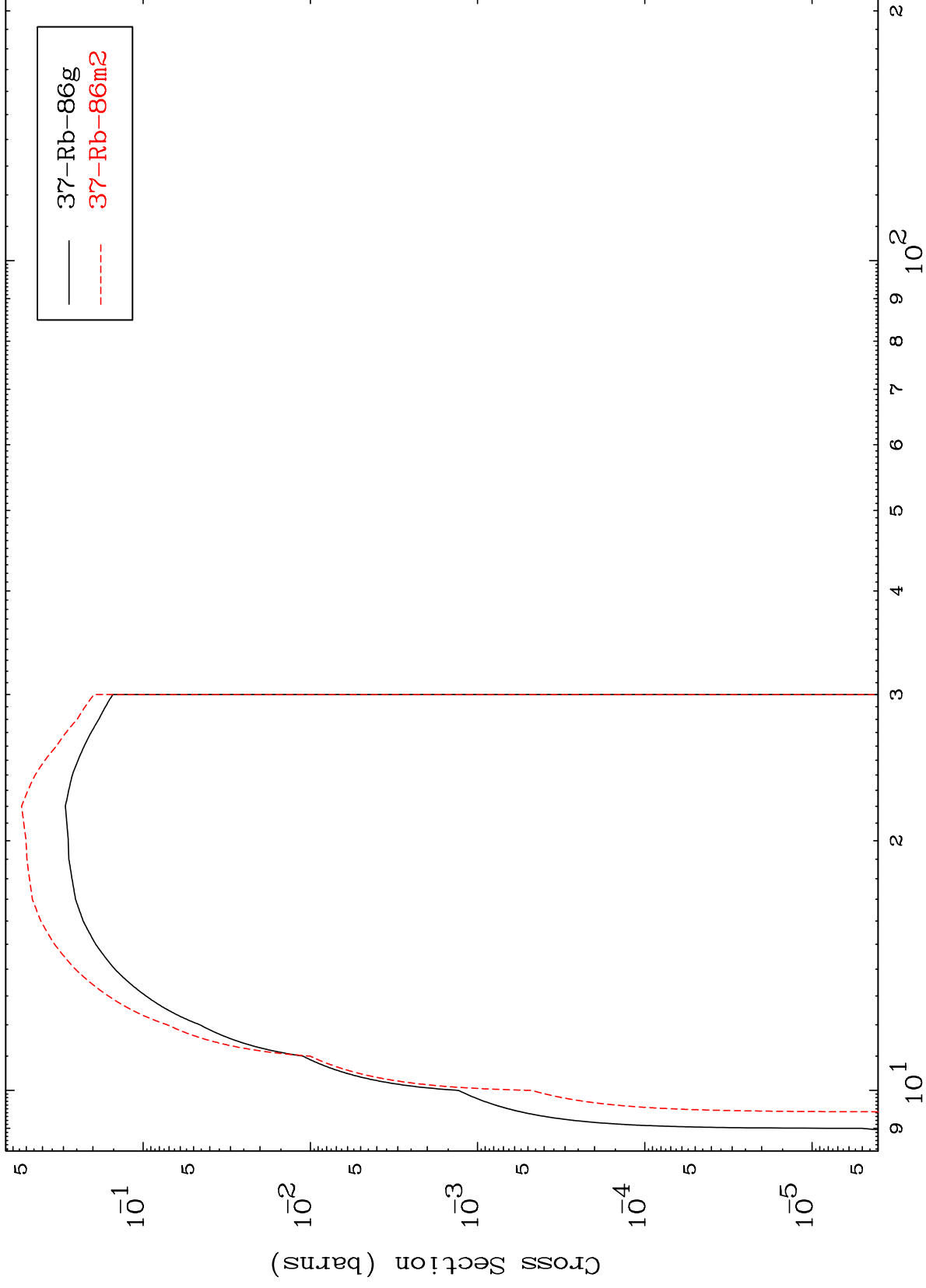
11

35-Br-84m

MAT 3541

³⁵Br-⁸⁴m

(n,2n)
Radionuclide Production Cross Section



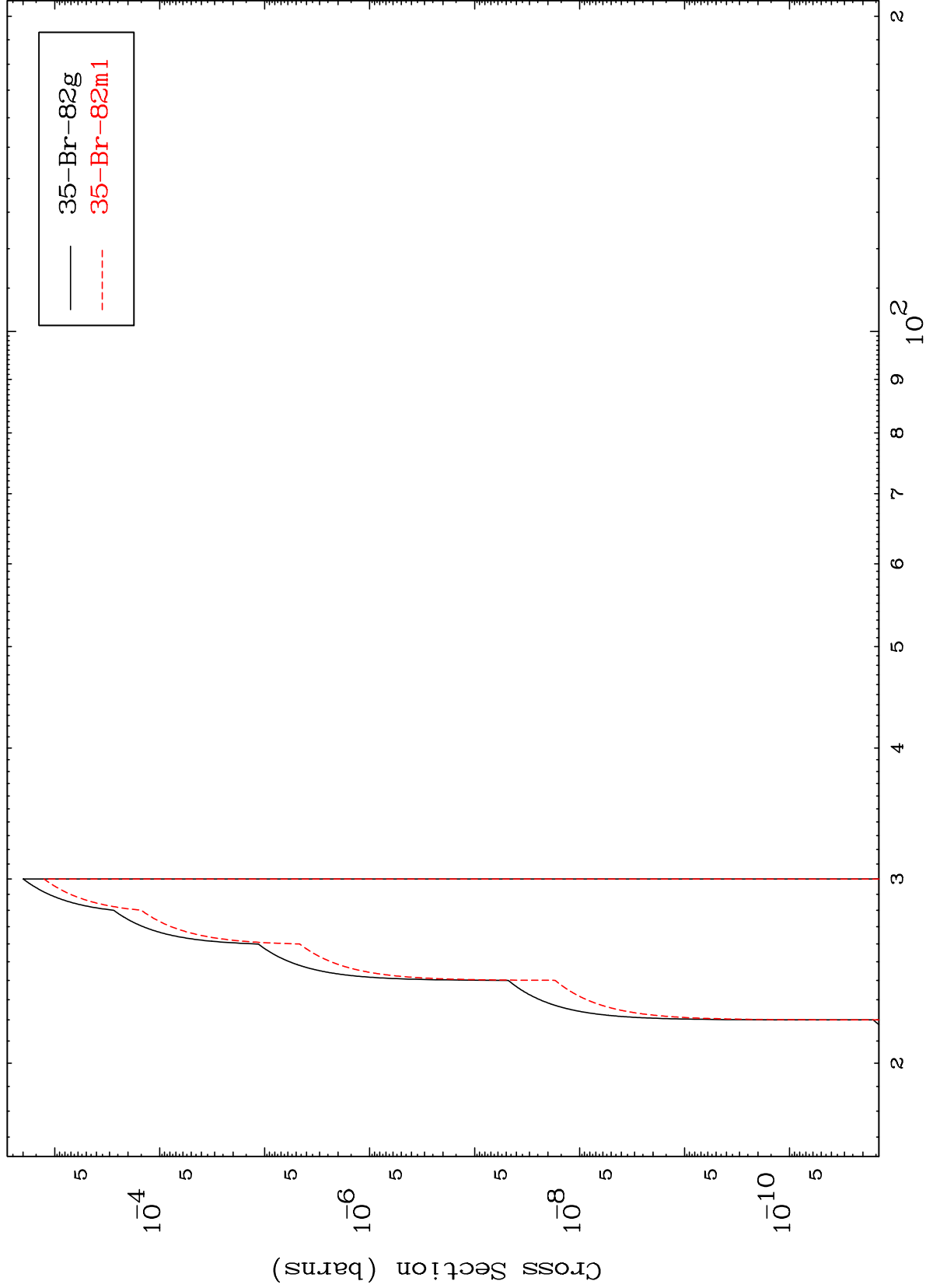
³⁵Br-⁸⁴m

Incident Energy (MeV)

MAT 3541

$^{35}\text{Br-84m}$

$(n,2n) \alpha$
Radionuclide Production Cross Section



13

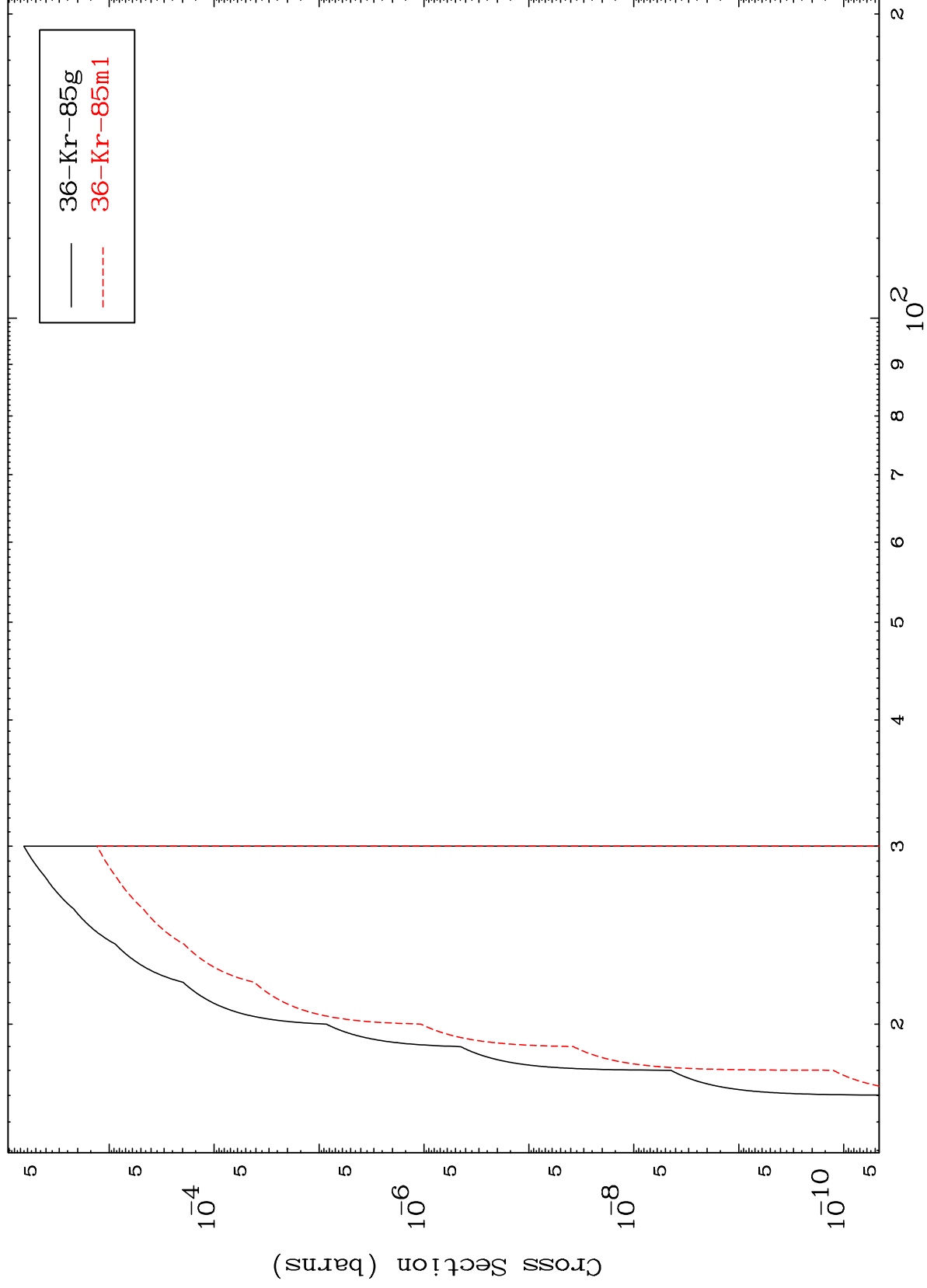
Incident Energy (MeV)

$^{35}\text{Br-84m}$

MAT 3541

35-Br-84m

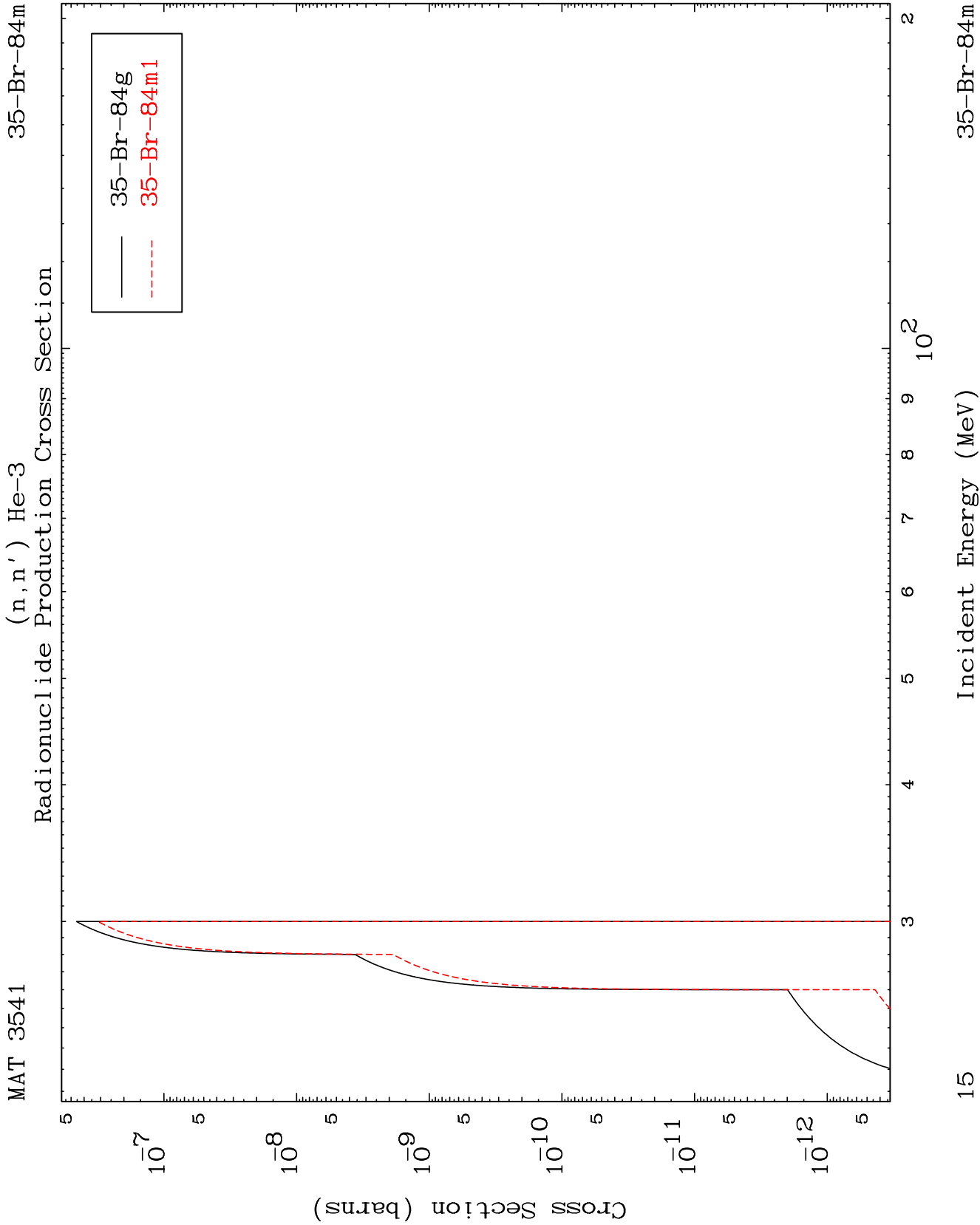
(n,n') d
Radionuclide Production Cross Section



14

Incident Energy (MeV)

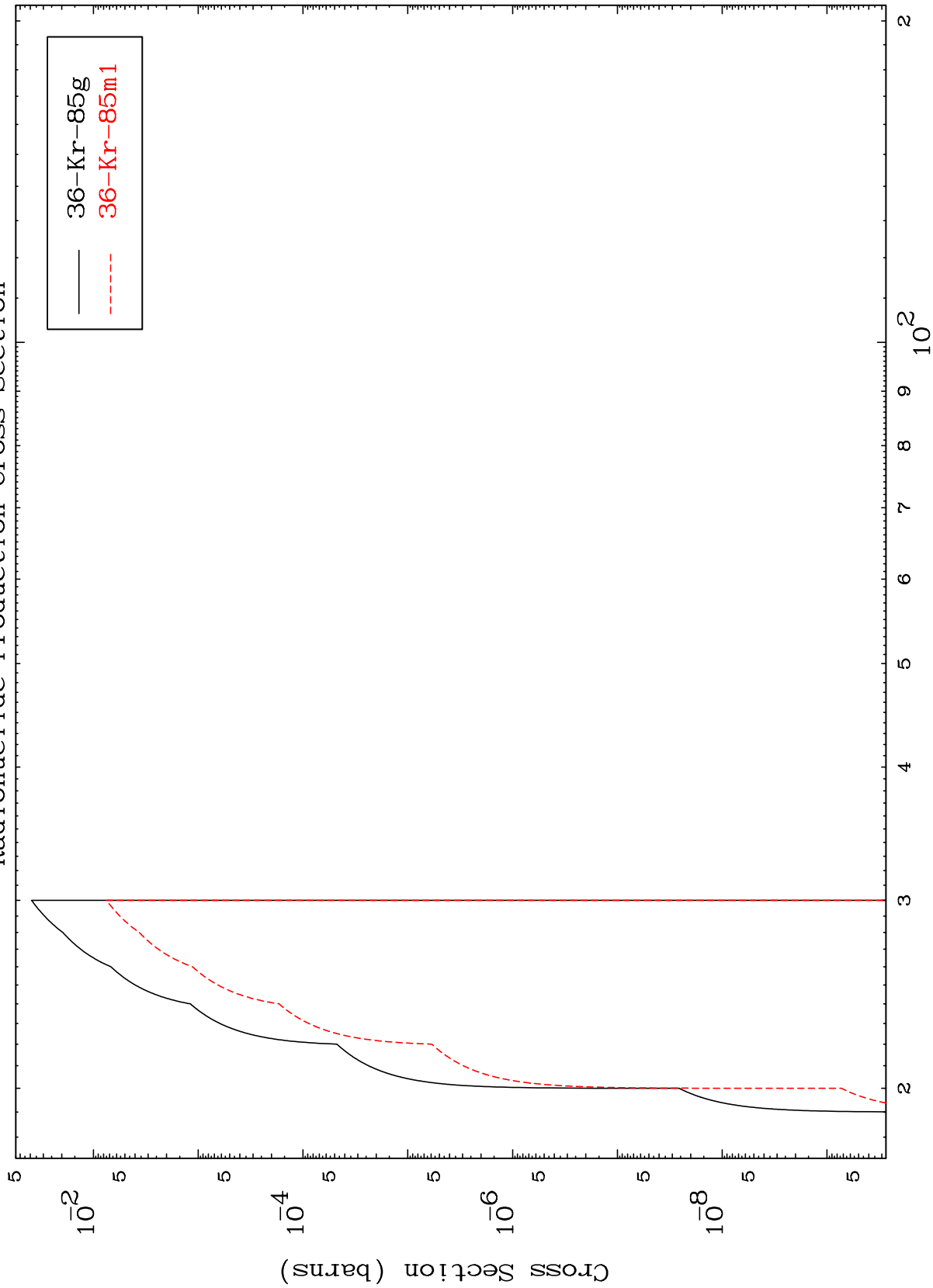
35-Br-84m



MAT 3541

35-Br-84m

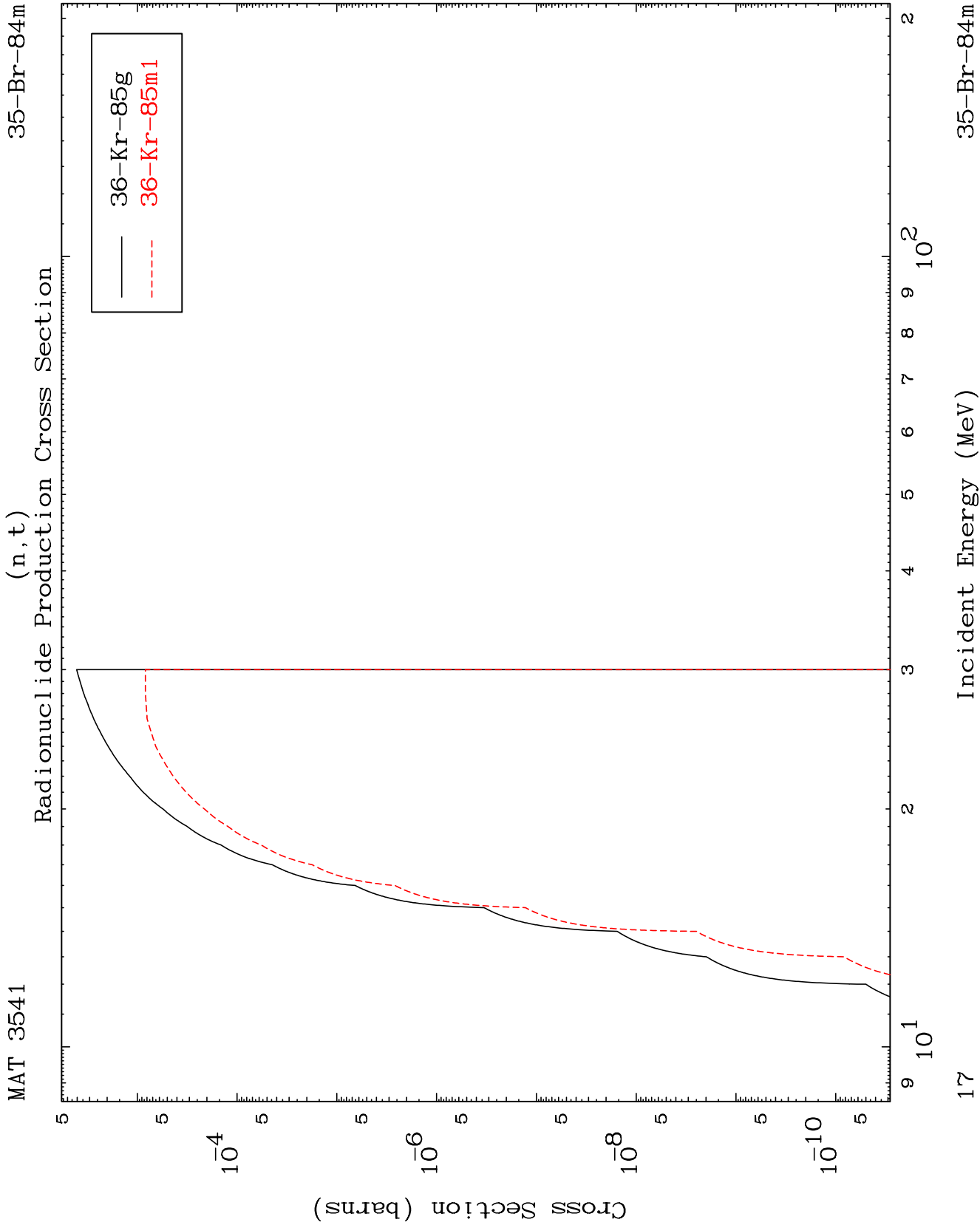
(n,2n) p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

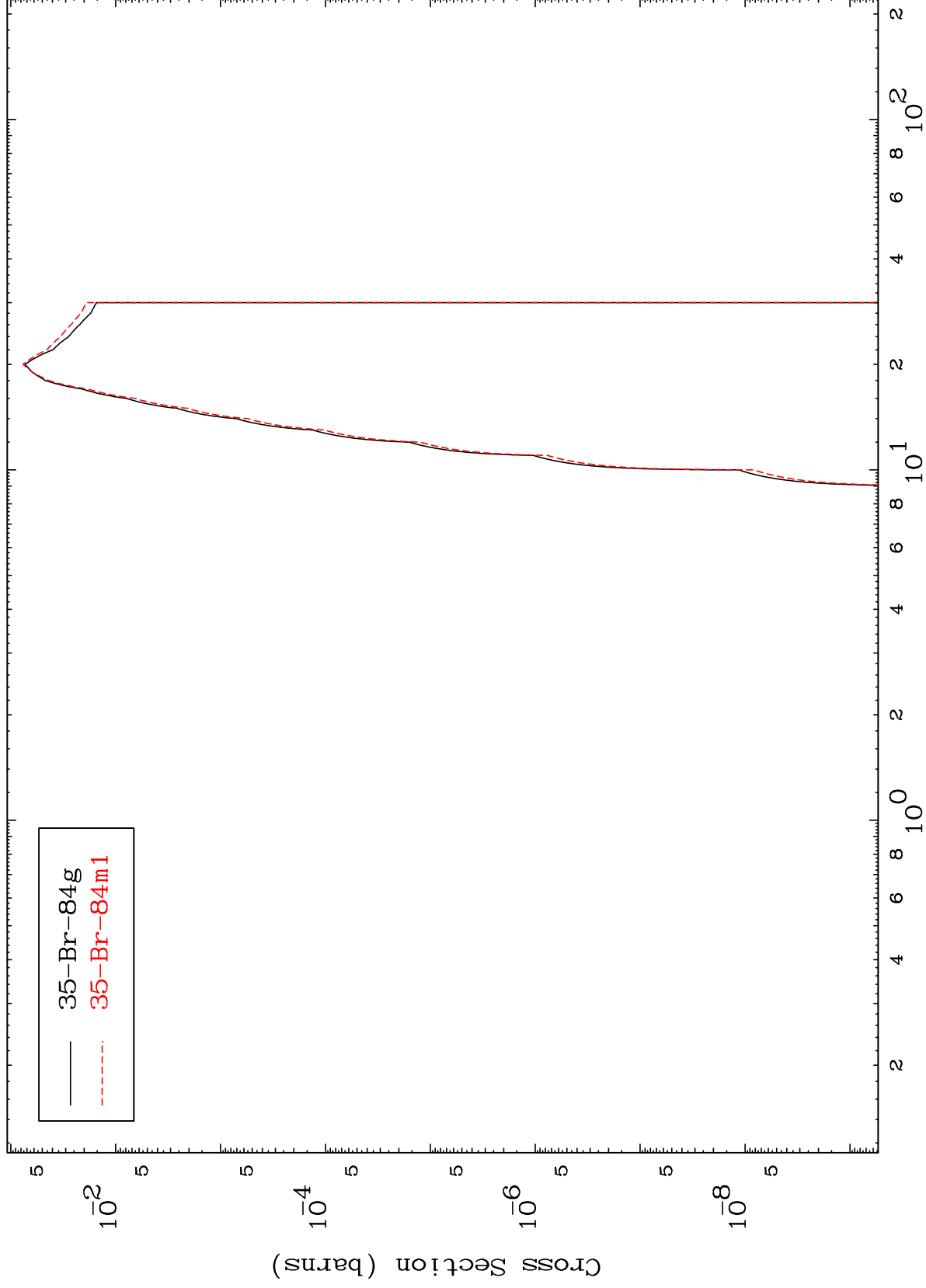
35-Br-84m



MAT 3541

35-Br-84m

Radionuclide Production Cross Section
(n, α)



18

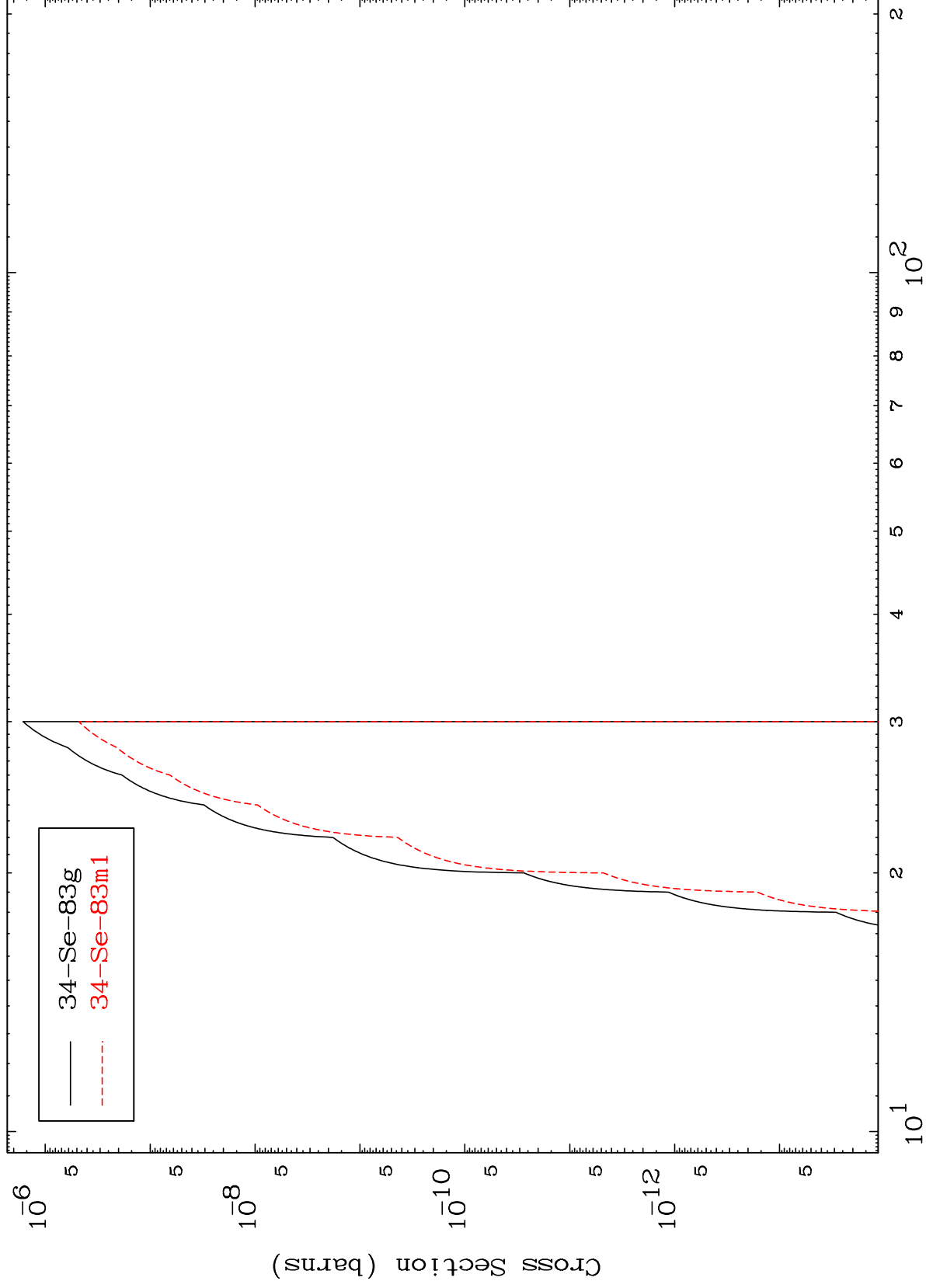
Incident Energy (MeV)

35-Br-84m

MAT 3541

$^{35}\text{Br-84m}$

$(n,p) \alpha$
Radionuclide Production Cross Section



$^{35}\text{Br-84m}$

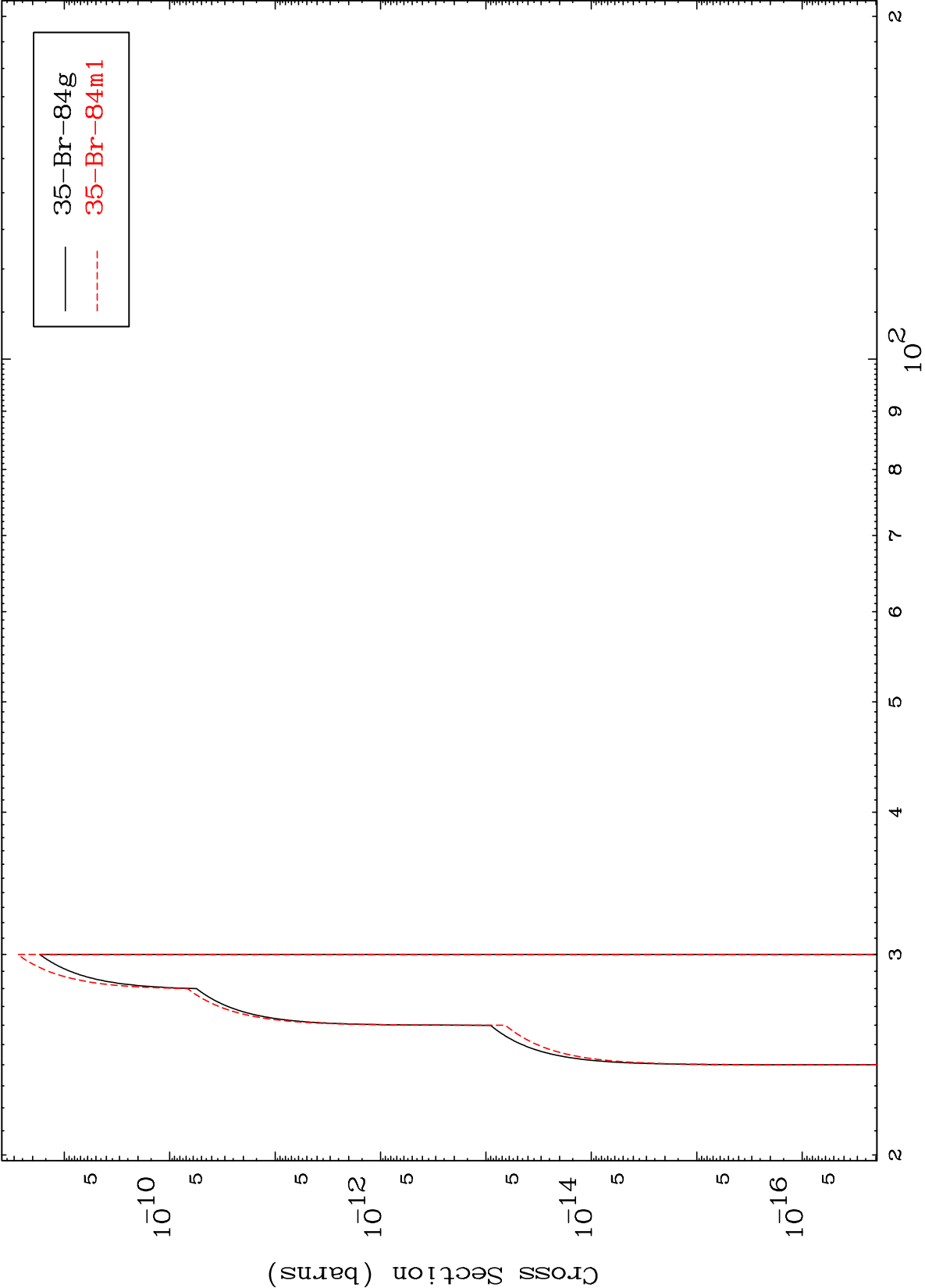
Incident Energy (MeV)

MAT 3541

(n,p) t

³⁵Br-⁸⁴m

Radionuclide Production Cross Section



Incident Energy (MeV)

³⁵Br-⁸⁴m

20