

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

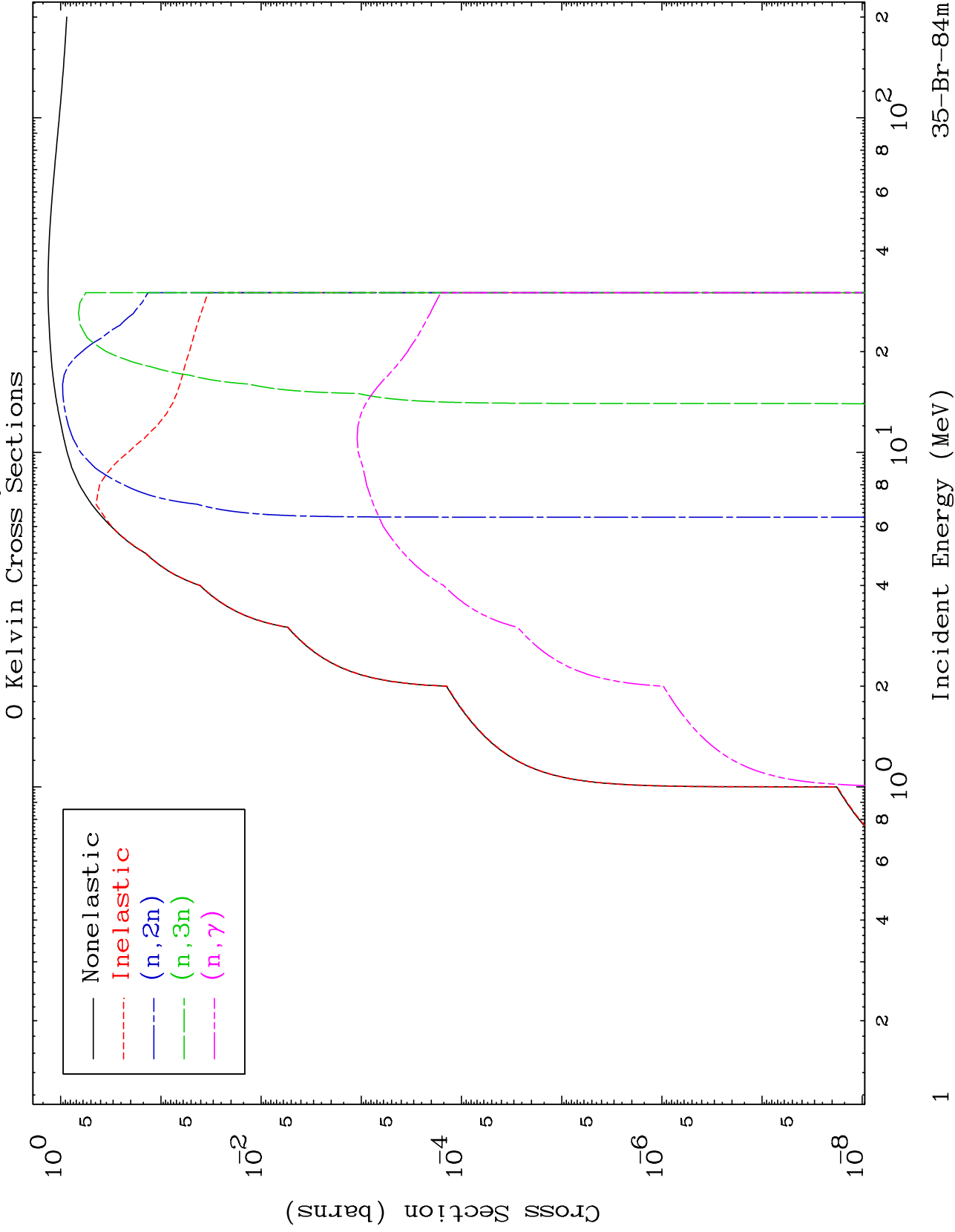
Web:redcullen1.net/HOMEPAGE.NEW

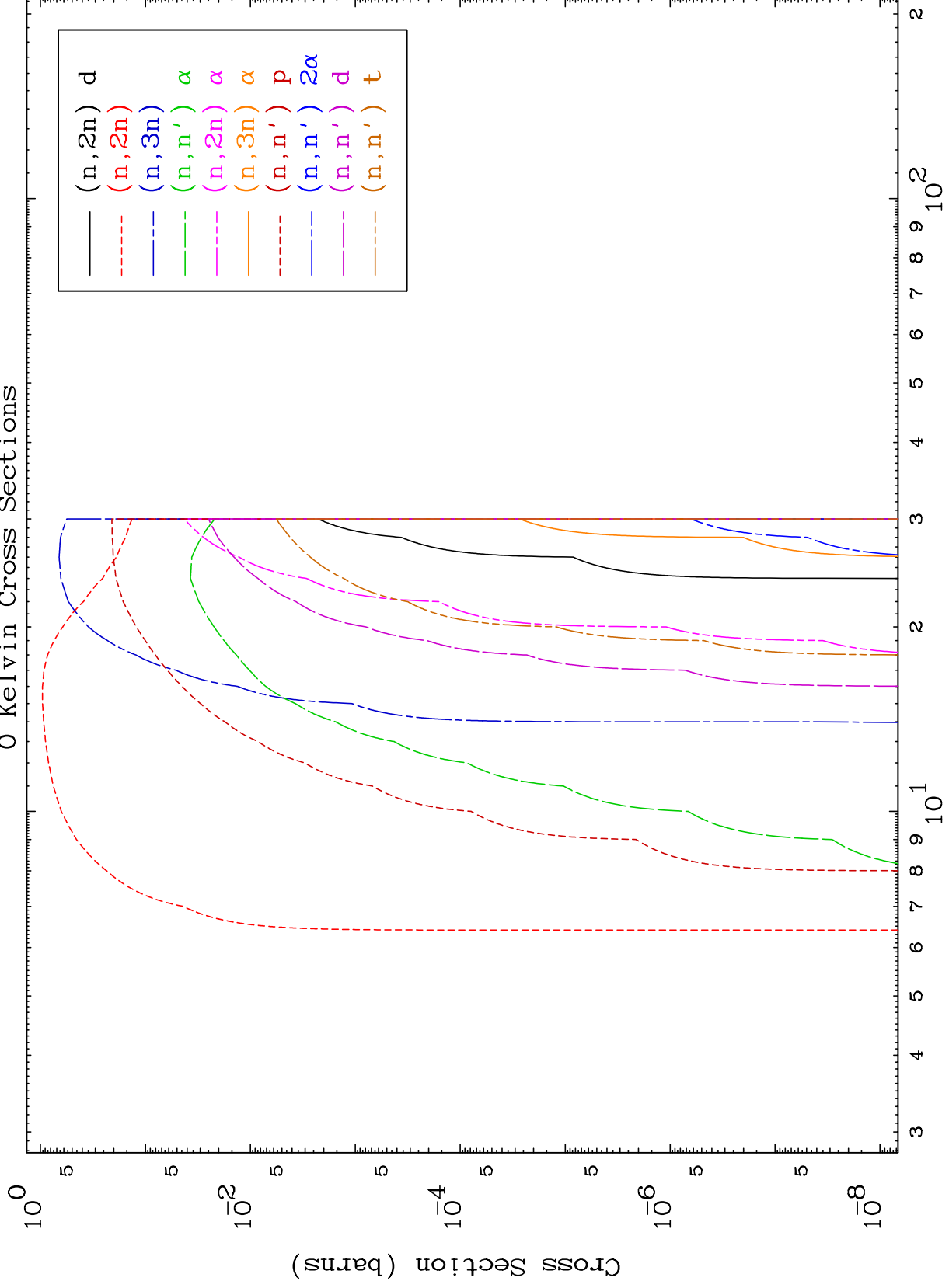
Press Mouse Button to Start

MAT 3541

Proton Major

35-Br-84m

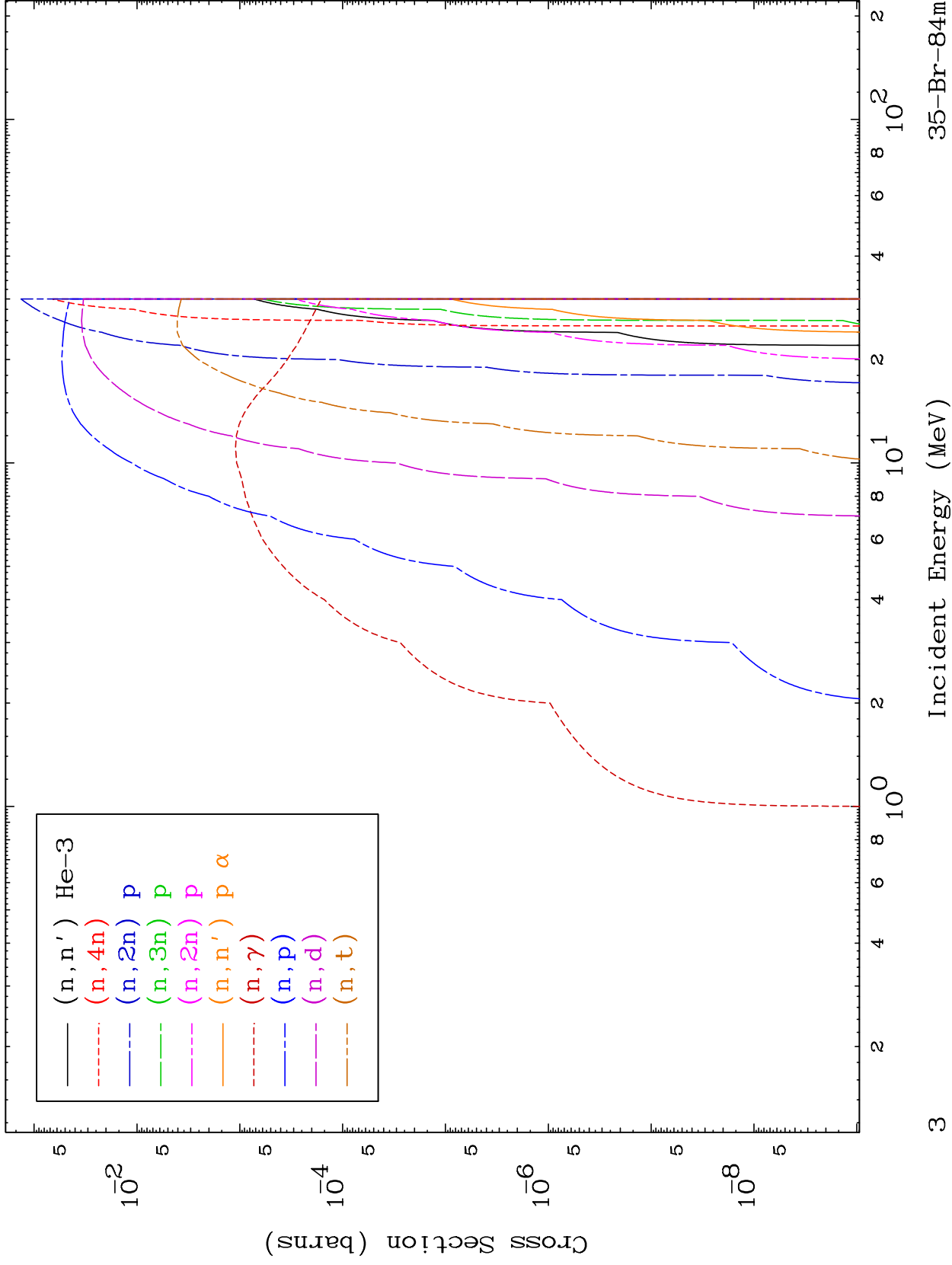




MAT 3541

Proton Neutron Absorption
0 Kelvin Cross Sections

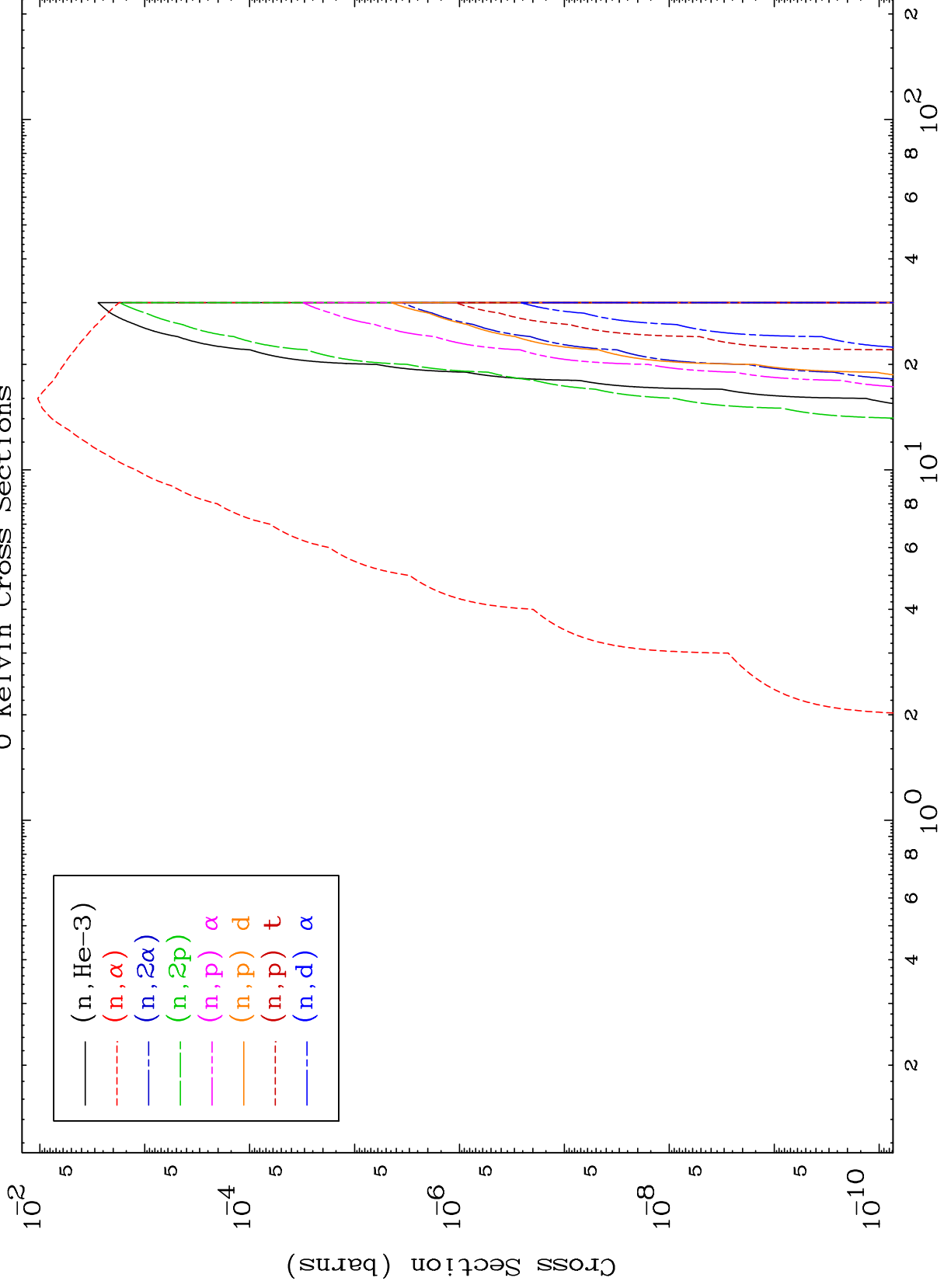
35-Br-84m



MAT 3541

Proton Neutron Absorption
0 Kelvin Cross Sections

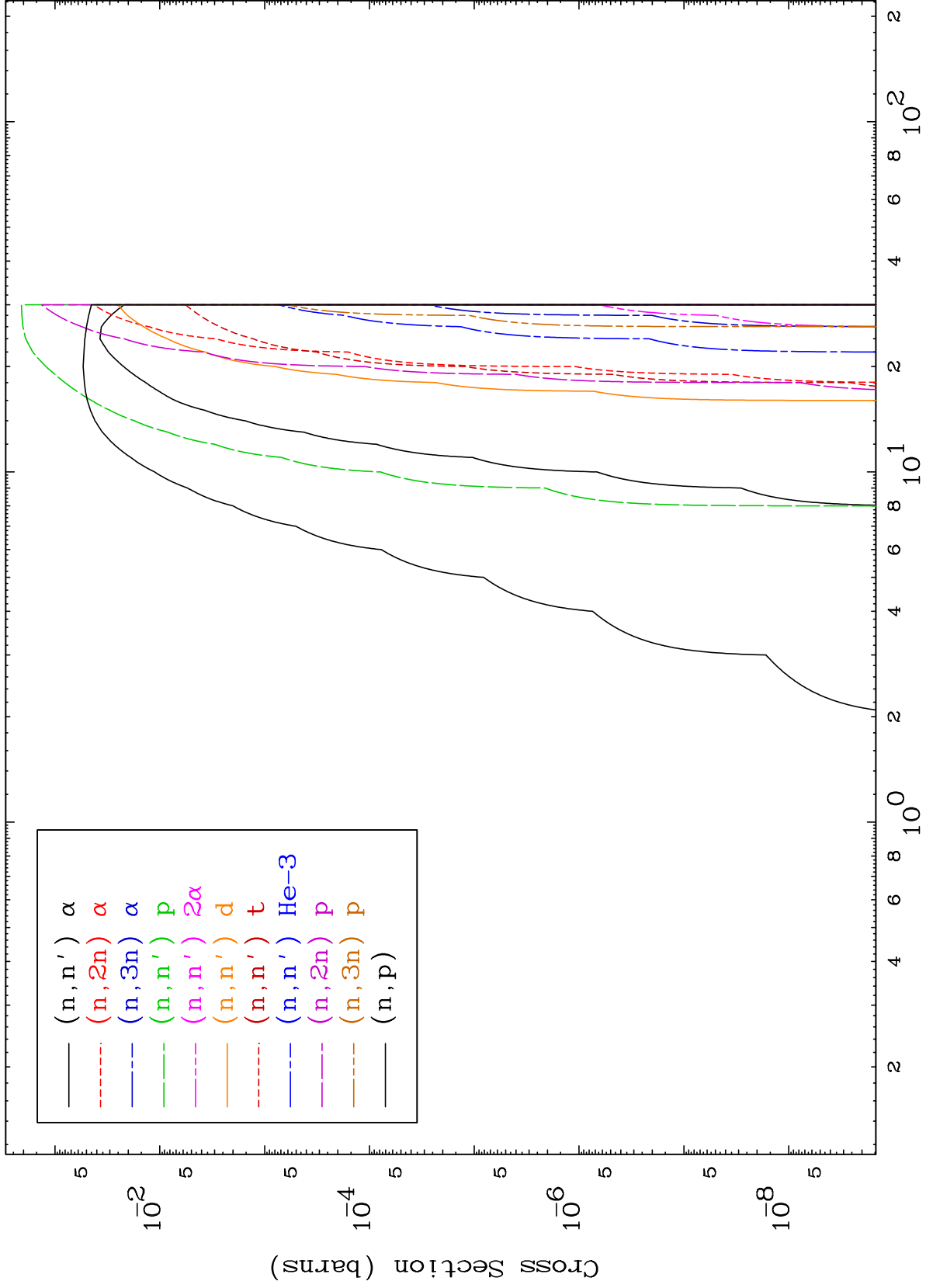
35-Br-84m



MAT 3541

Proton Charged Particle
0 Kelvin Cross Sections

35-Br-84m



5

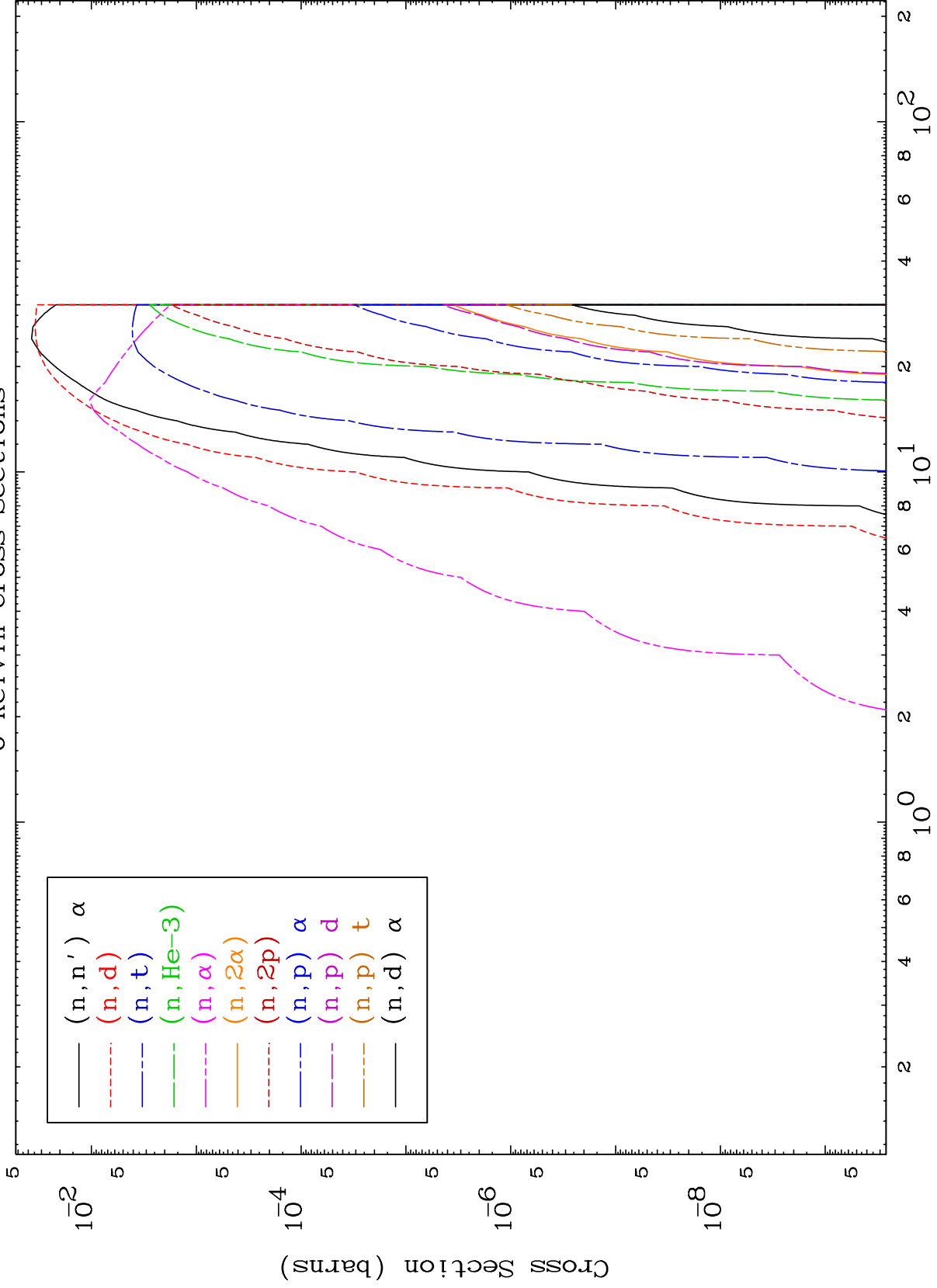
Incident Energy (MeV)

35-Br-84m

MAT 3541

Proton Charged Particle
0 Kelvin Cross Sections

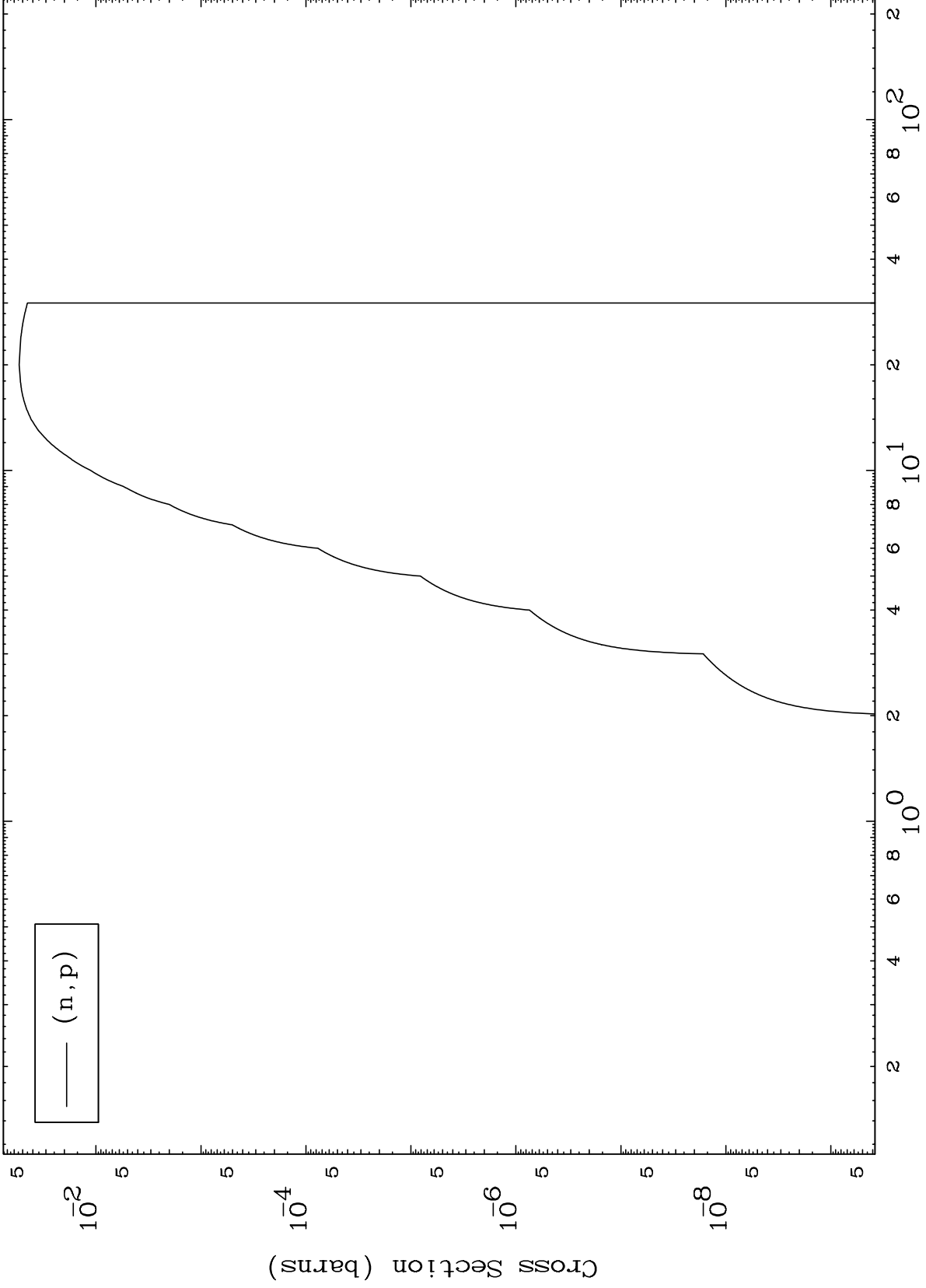
35-Br-84m



MAT 3541

(p,p) Levels
0 Kelvin Cross Sections

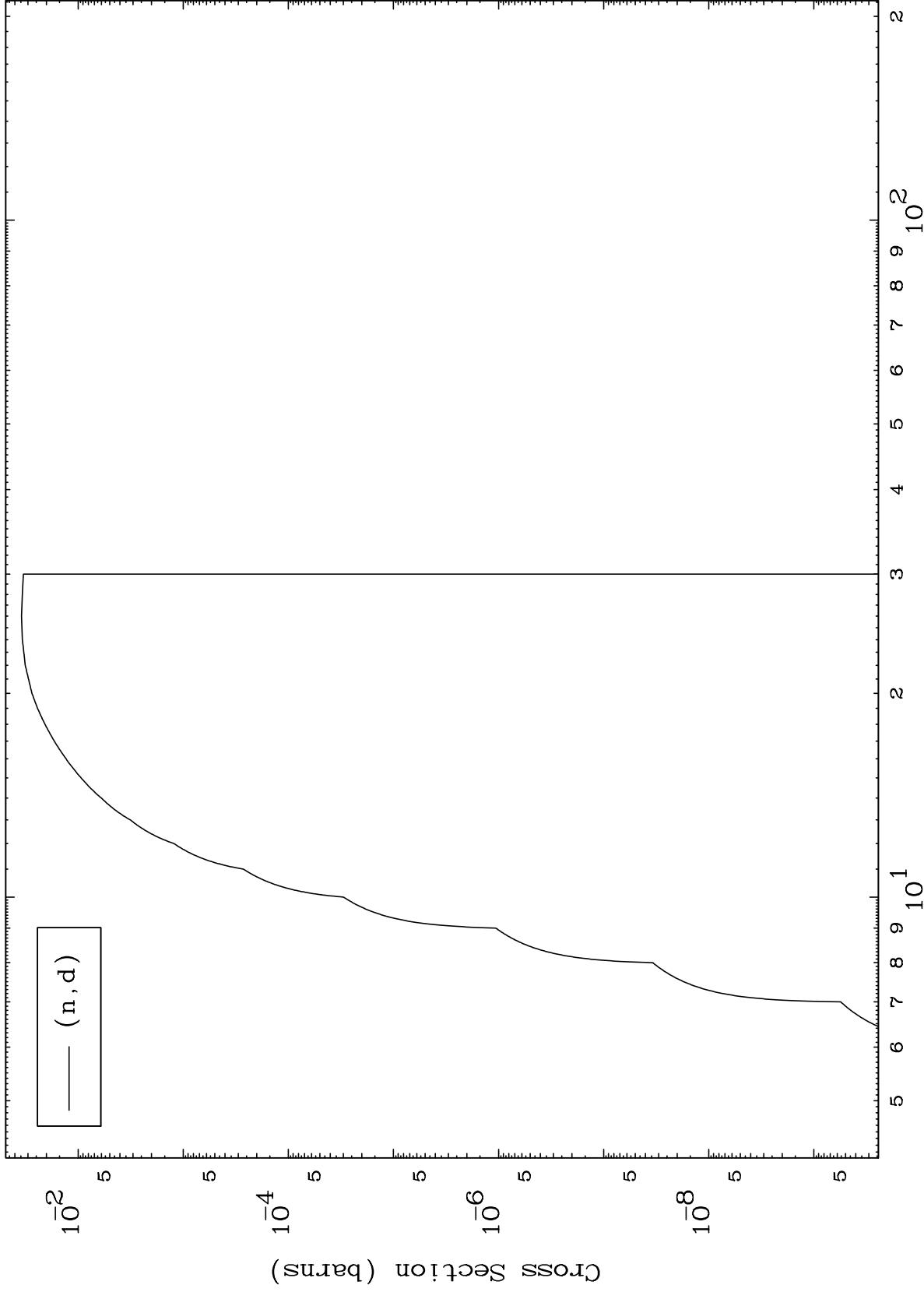
35-Br-84m



MAT 3541

(p,d) Levels
0 Kelvin Cross Sections

35-Br-84m



8

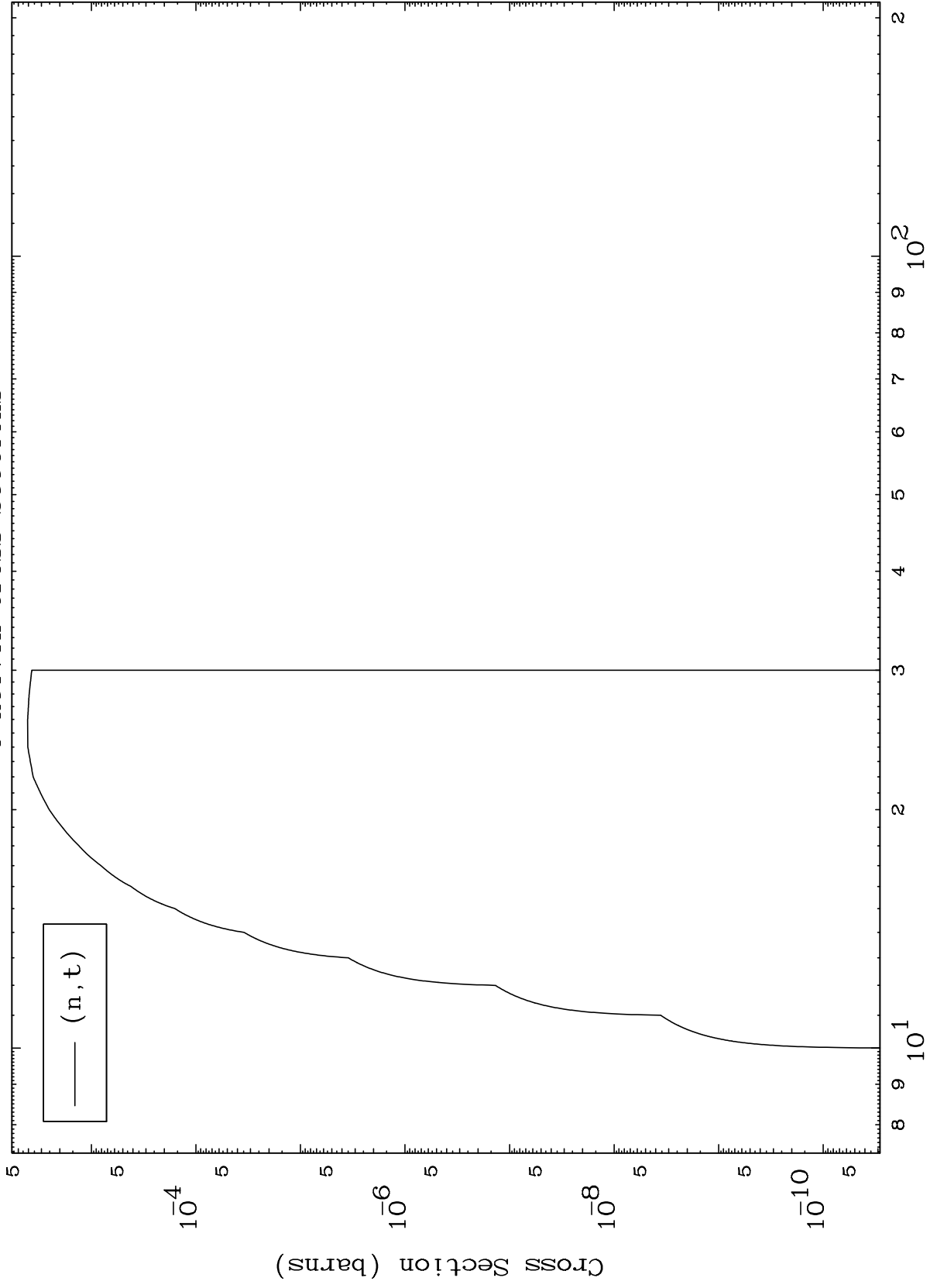
Incident Energy (MeV)

35-Br-84m

MAT 3541

(p, t) Levels
0 Kelvin Cross Sections

35-Br-84m



9

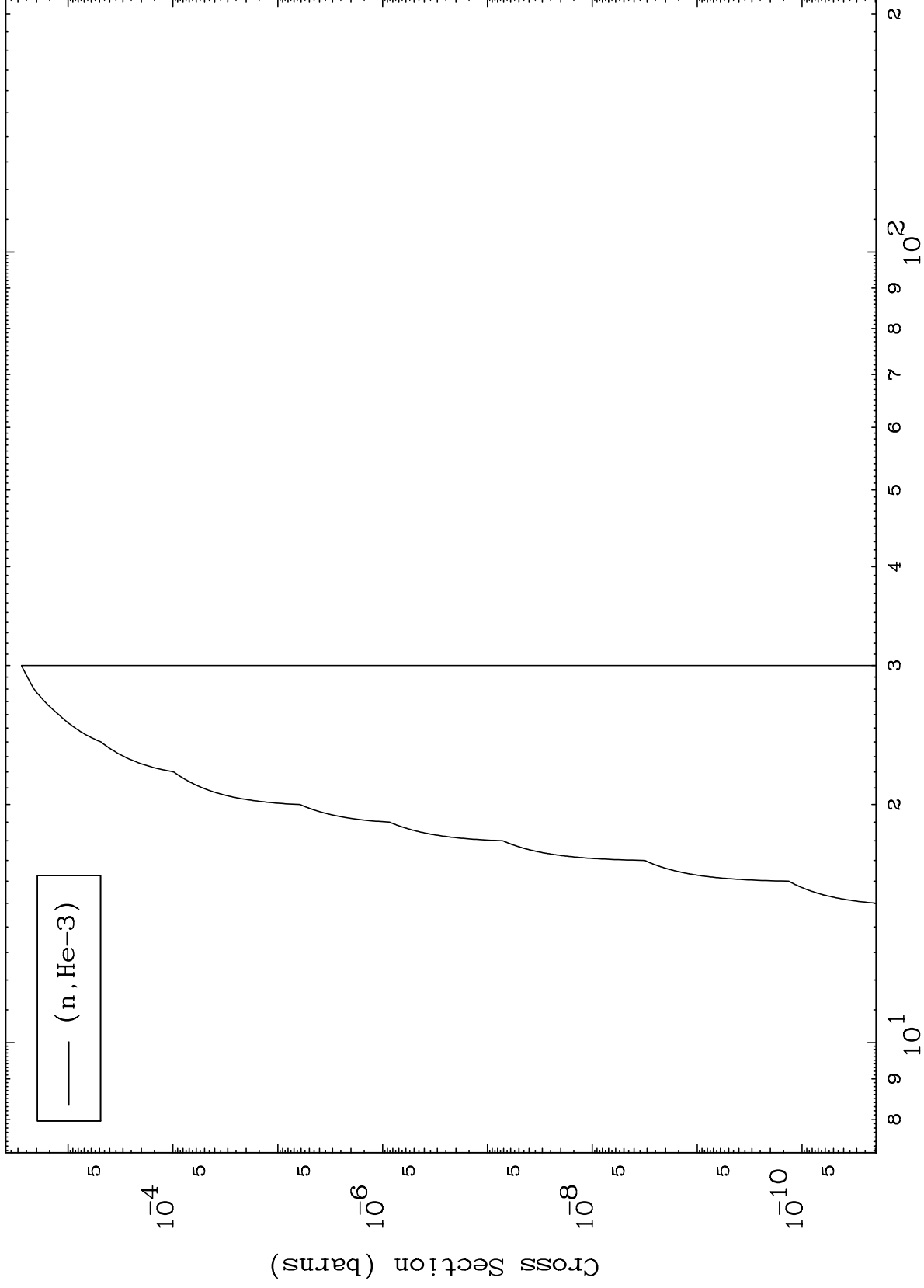
Incident Energy (MeV)

35-Br-84m

MAT 3541

(p,He3) Levels
0 Kelvin Cross Sections

35-Br-84m



10

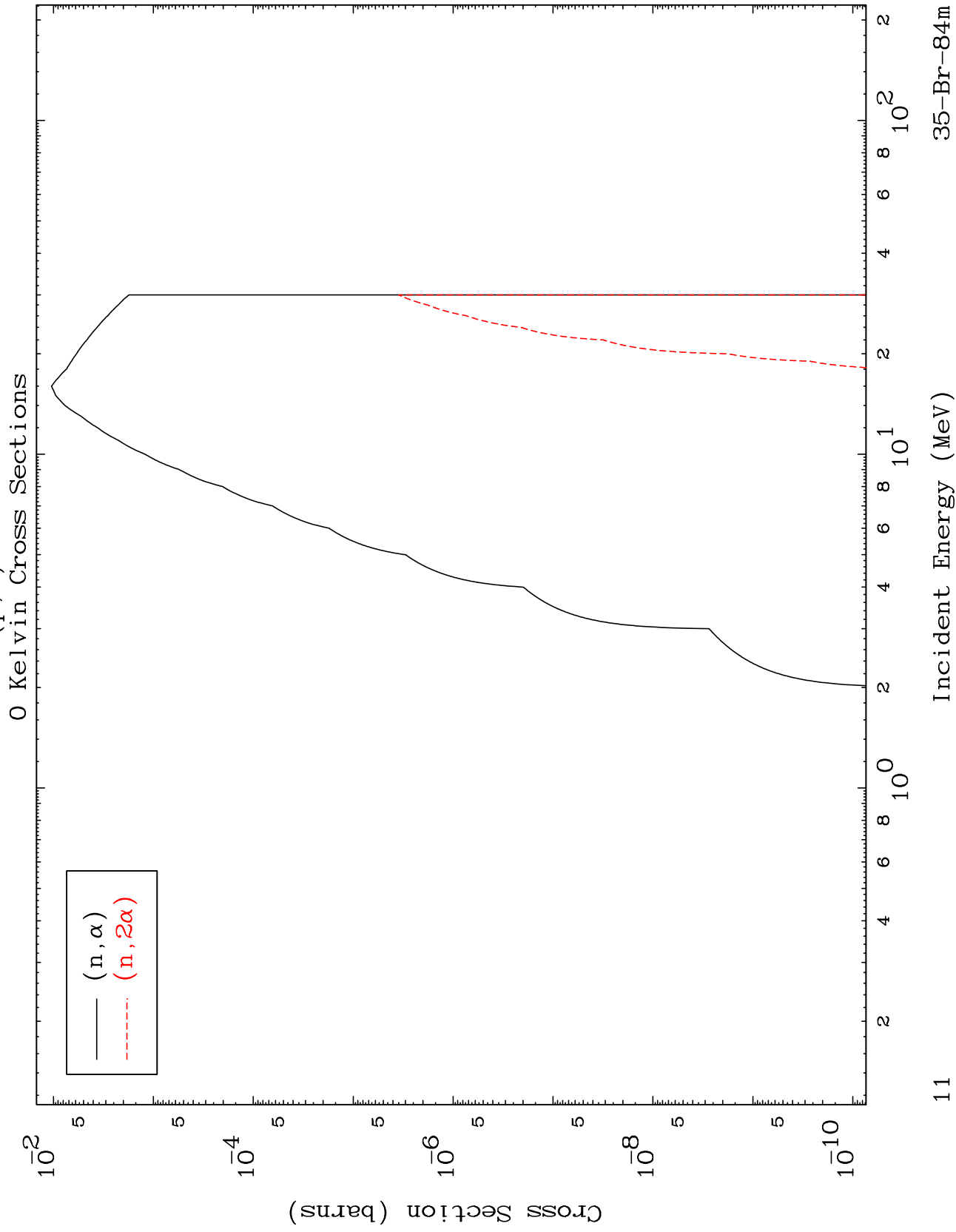
Incident Energy (MeV)

35-Br-84m

MAT 3541

(p, α) Levels

35-Br-84m

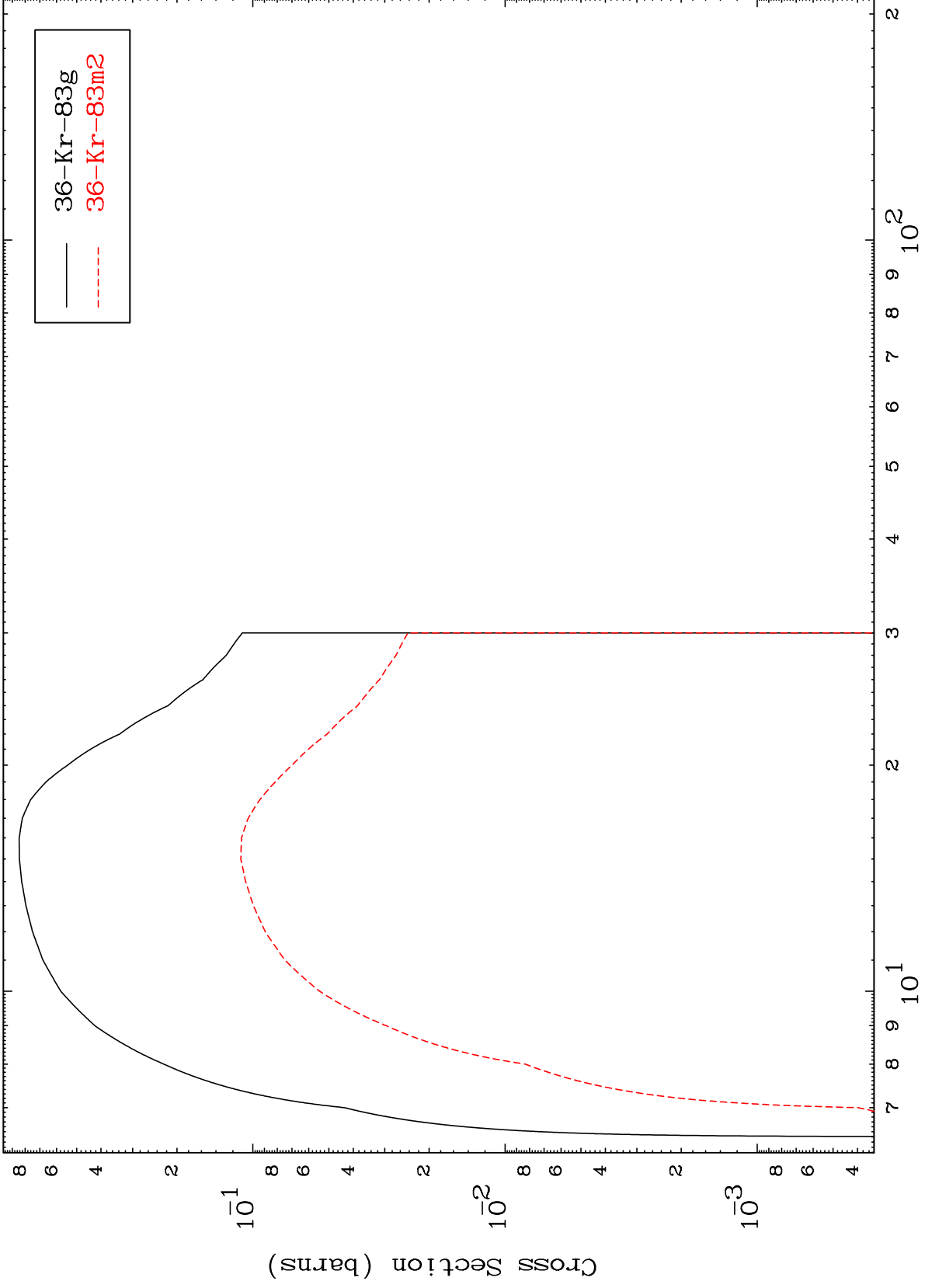


MAT 3541

(n,2n)

35-Br-84m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

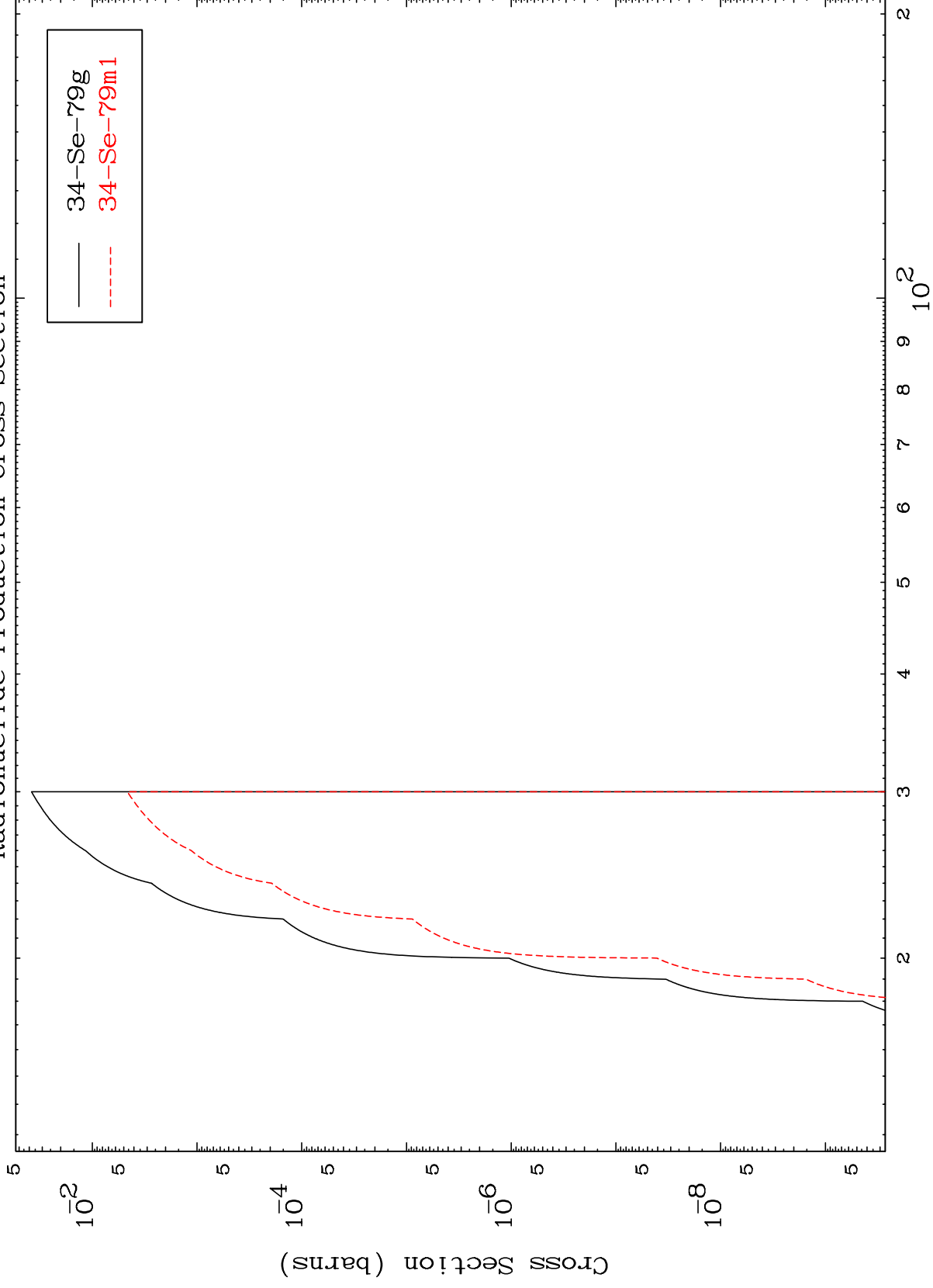
35-Br-84m

MAT 3541

$(n,2n) \alpha$

35-Br-84m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

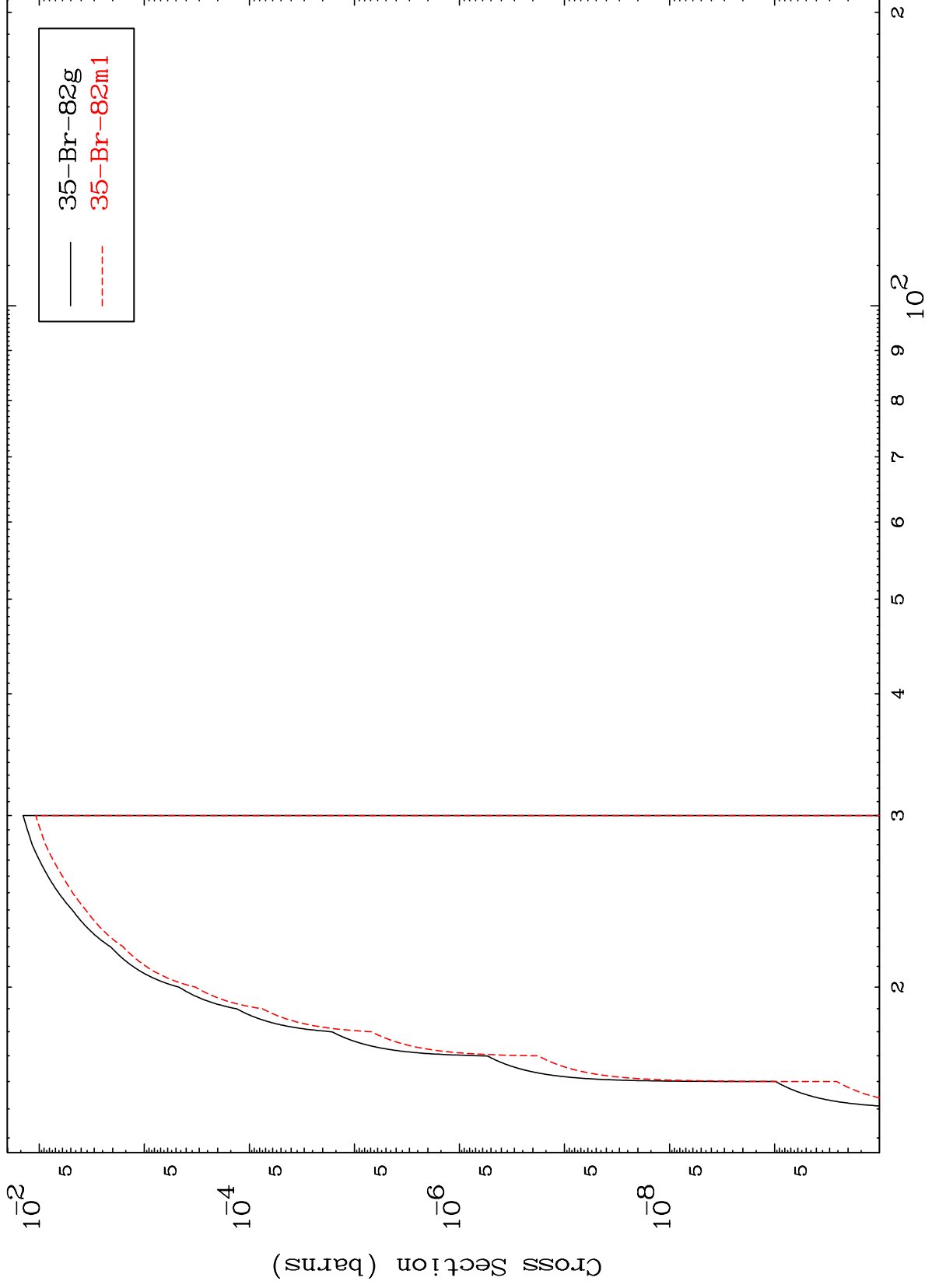
35-Br-84m

MAT 3541

(n,n') d

³⁵Br-84m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

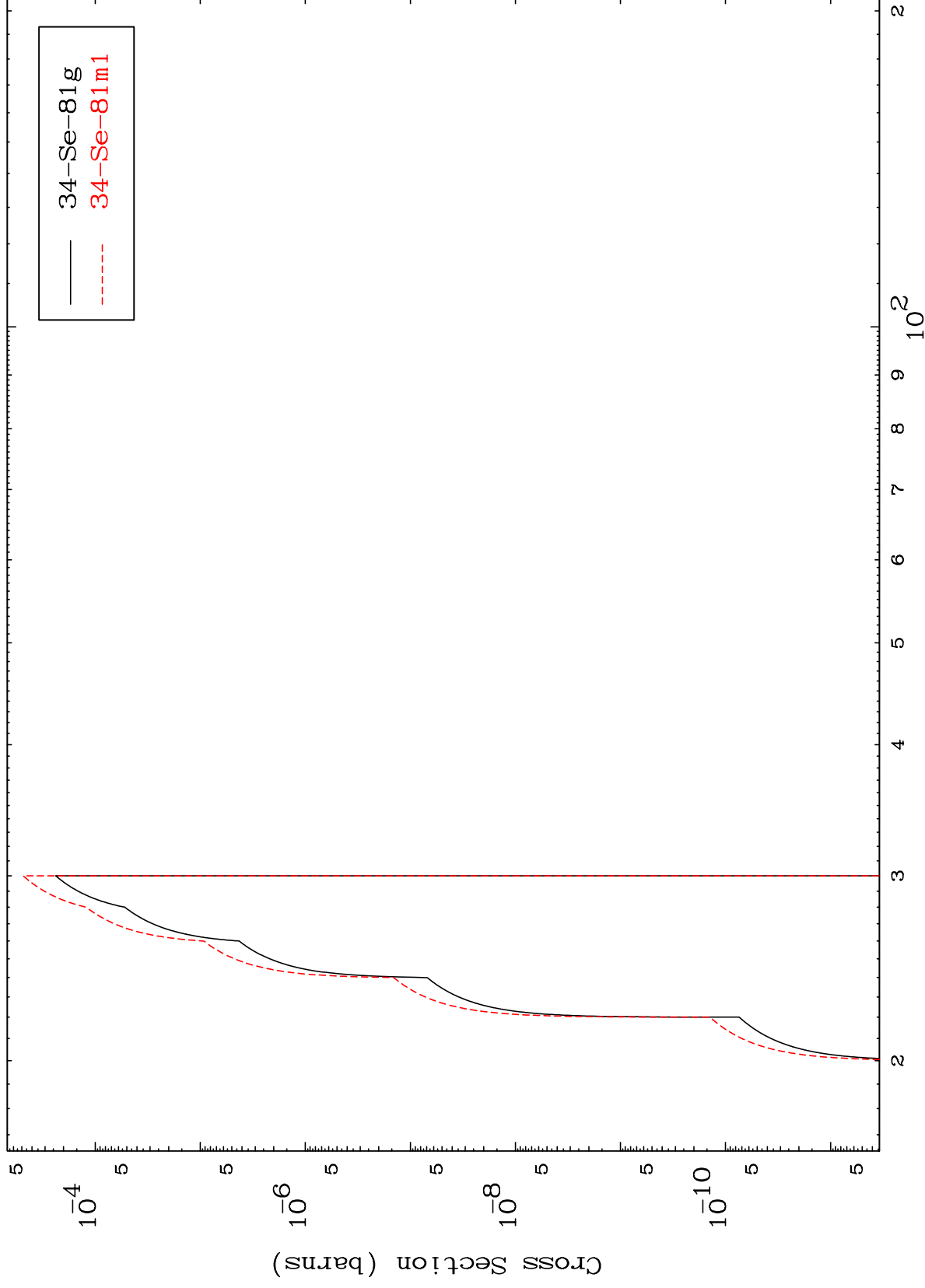
³⁵Br-84m

MAT 3541

(n,n') He-3

35-Br-84m

Radionuclide Production Cross Section



15

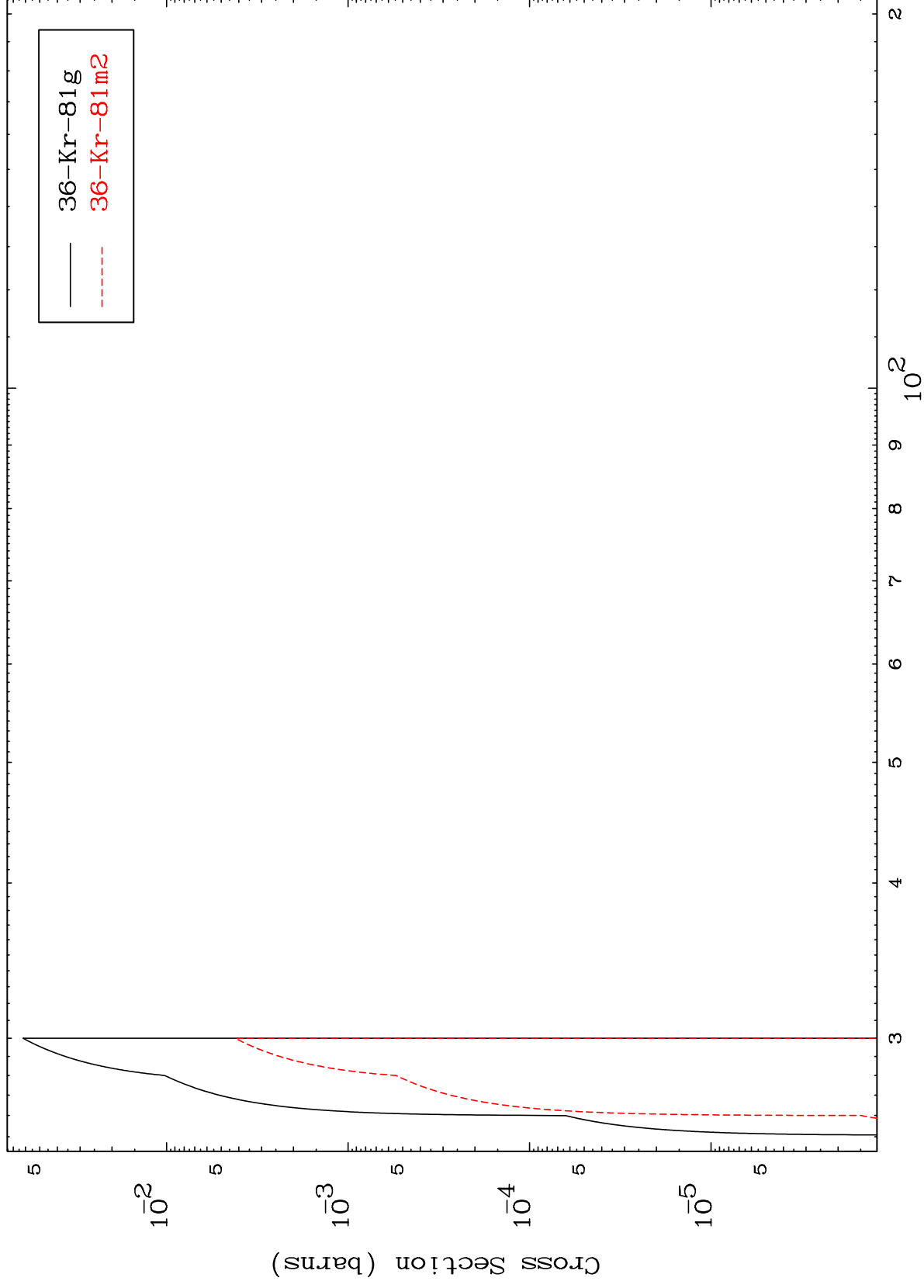
Incident Energy (MeV)

35-Br-84m

MAT 3541

³⁵Br-⁸⁴m

(n,4n)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

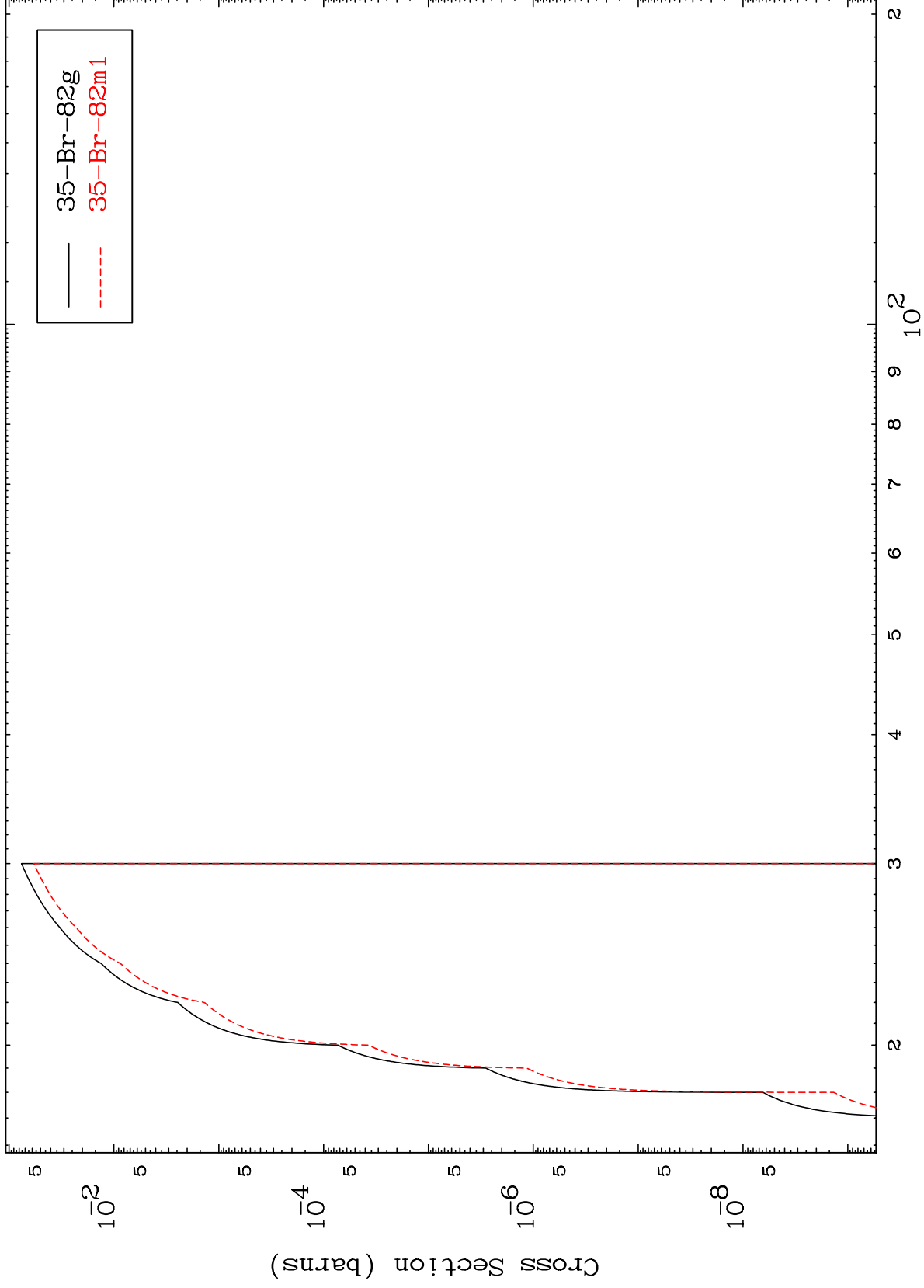
³⁵Br-⁸⁴m

MAT 3541

(n,2n) p

35-Br-84m

Radionuclide Production Cross Section



17

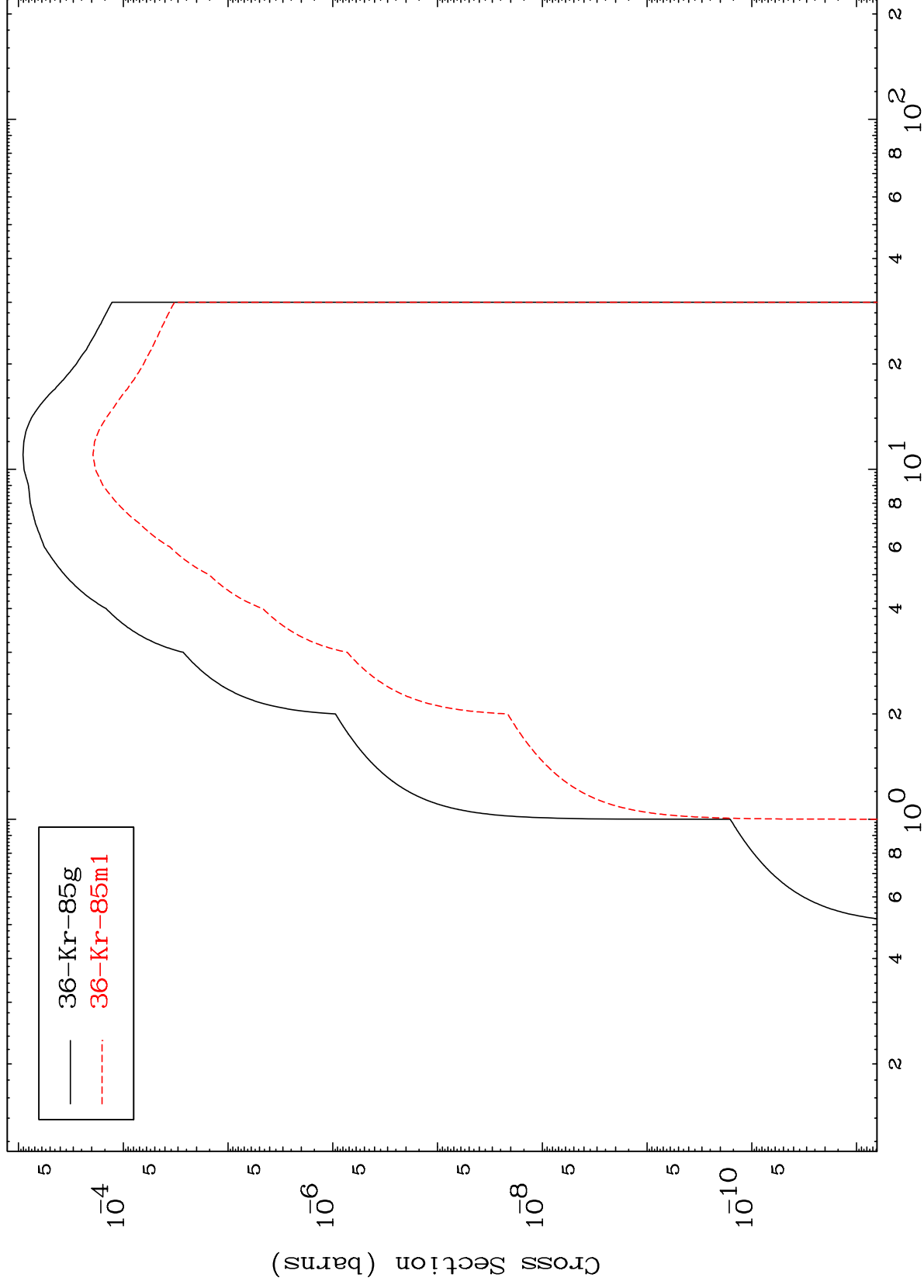
Incident Energy (MeV)

35-Br-84m

MAT 3541

³⁵Br-84m

(n,γ)
Radionuclide Production Cross Section



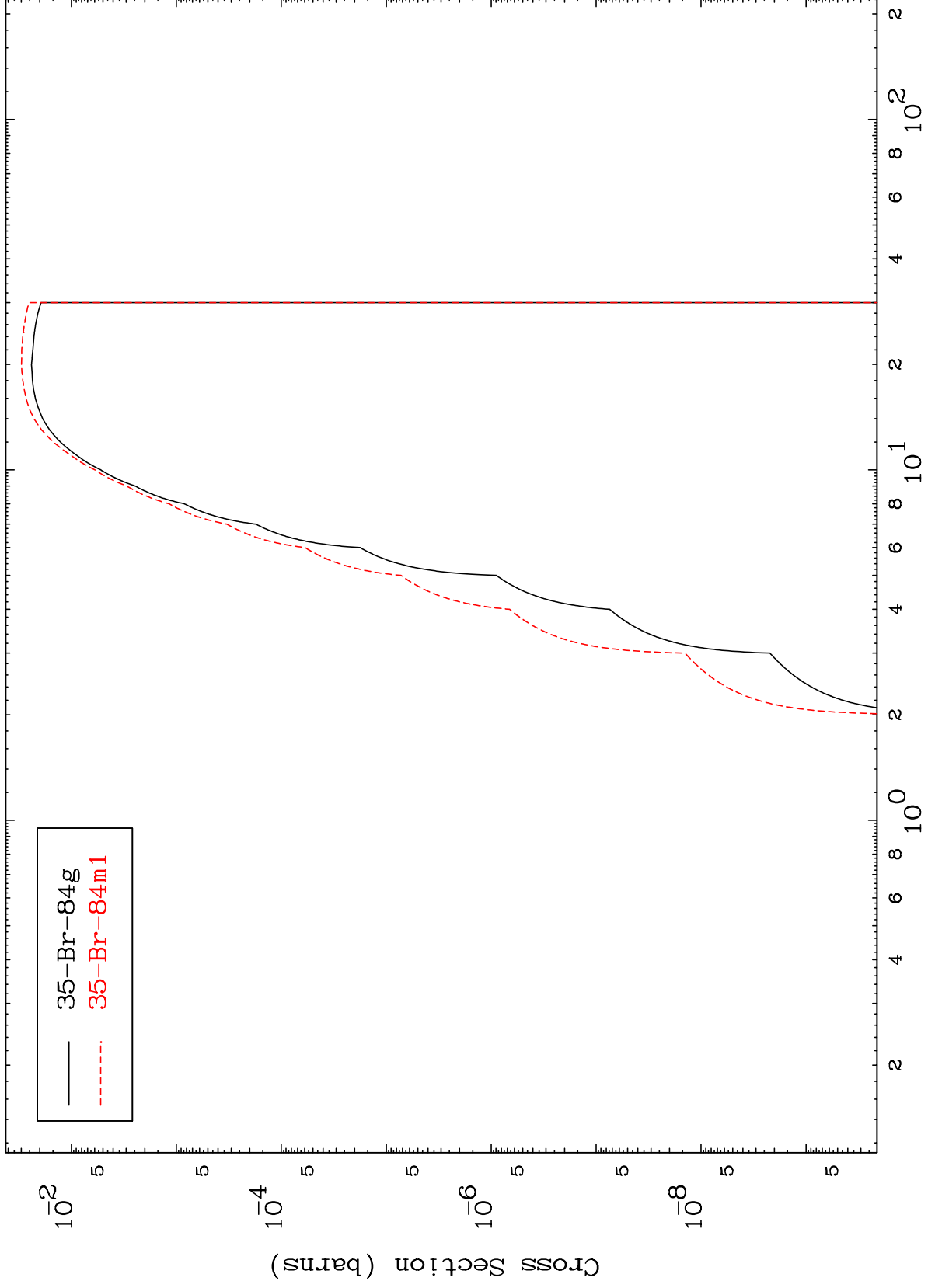
18

³⁵Br-84m

MAT 3541

35-Br-84m

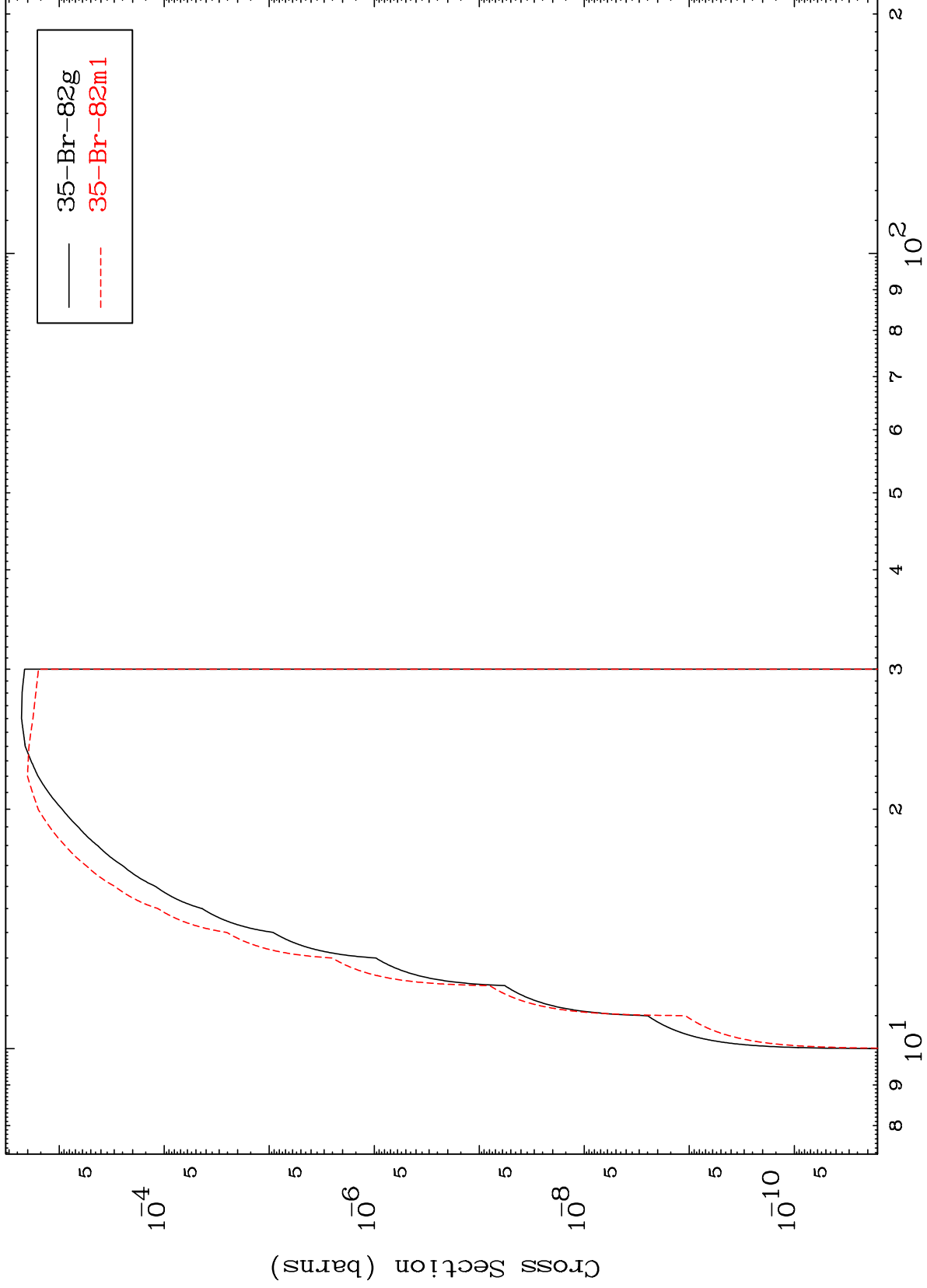
(n,p)
Radionuclide Production Cross Section



MAT 3541

35-Br-84m

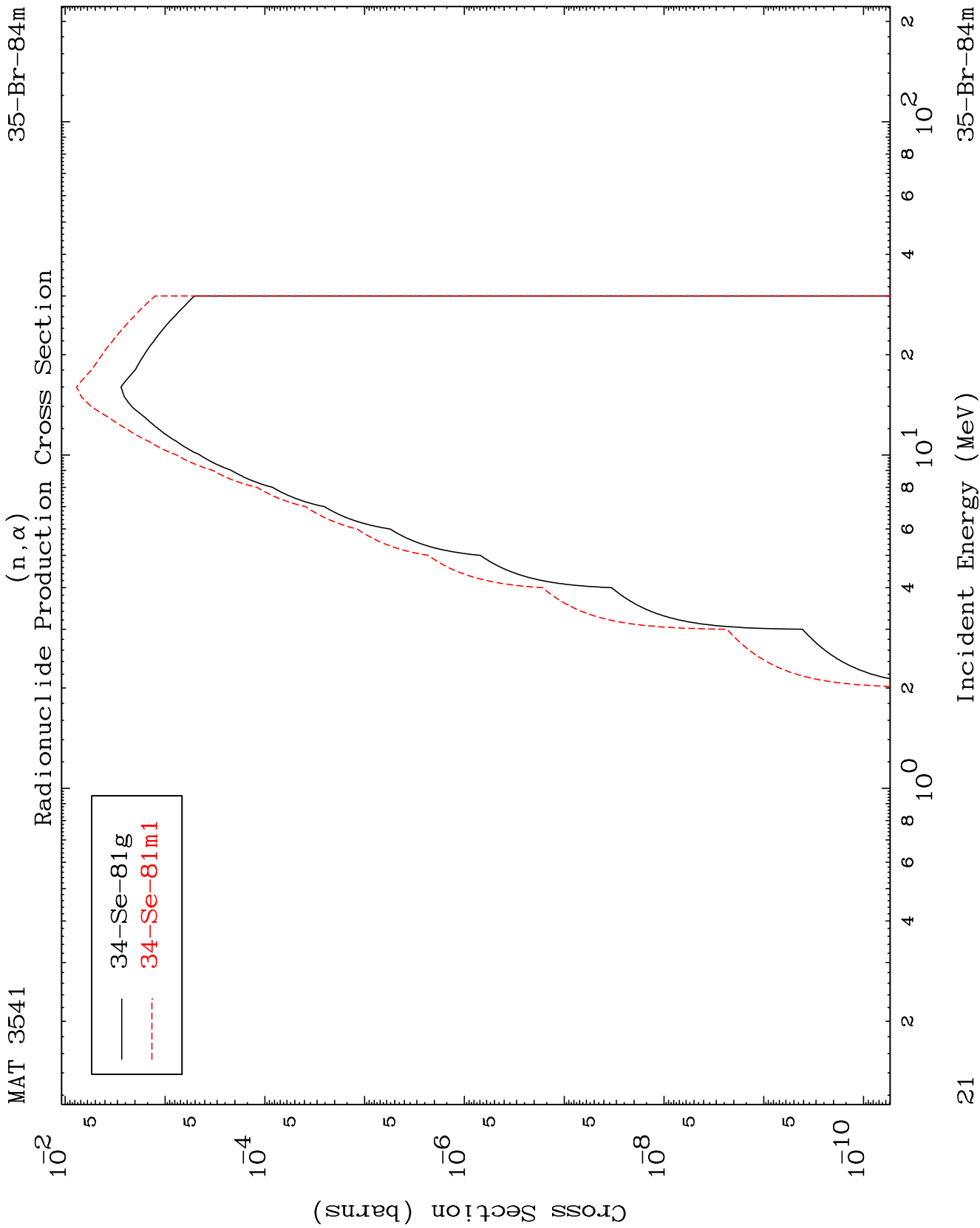
(n, t)
Radionuclide Production Cross Section



35-Br-84m

Incident Energy (MeV)

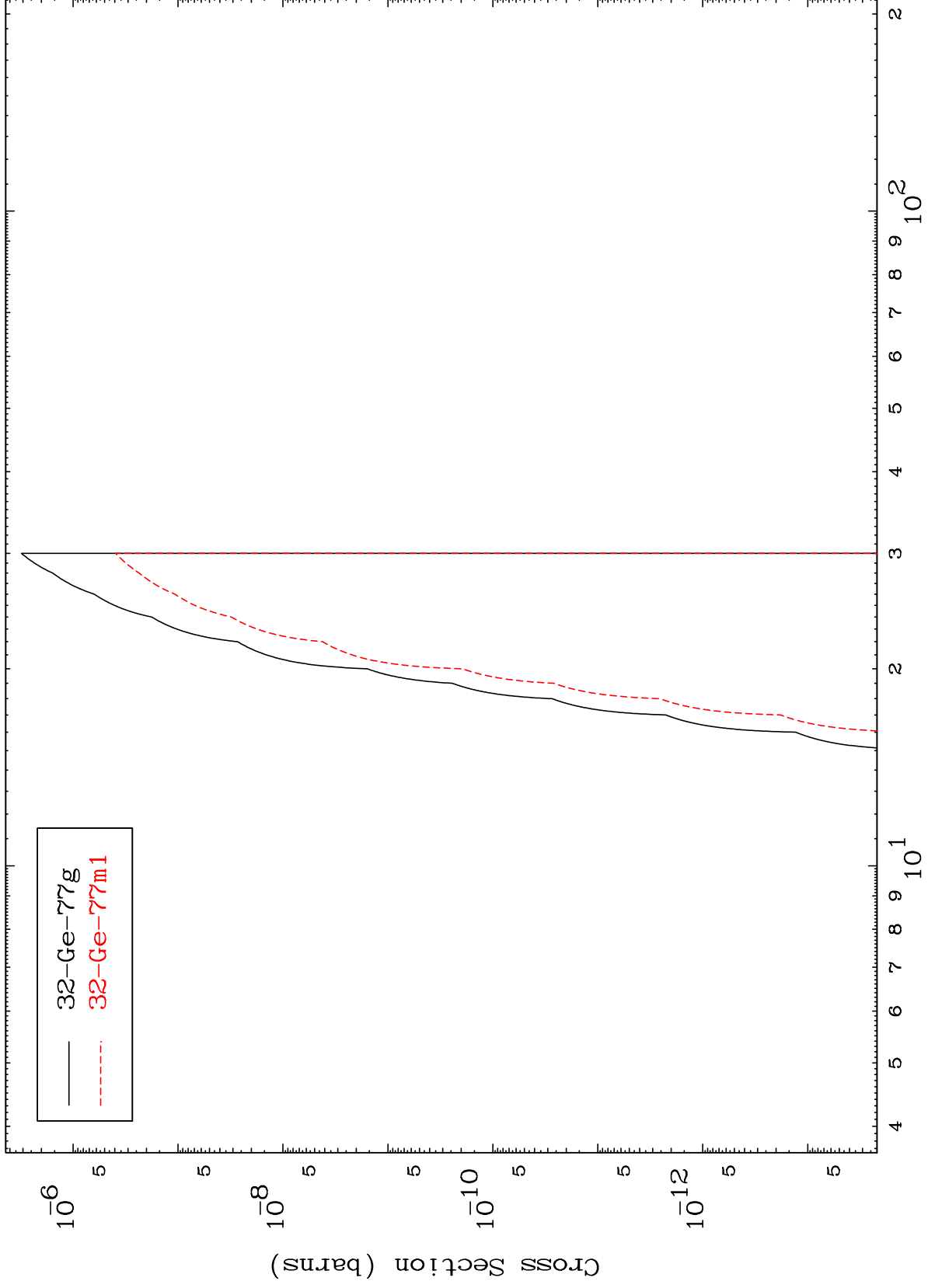
20



MAT 3541

35-Br-84m

(n,2α)
Radionuclide Production Cross Section



22

35-Br-84m

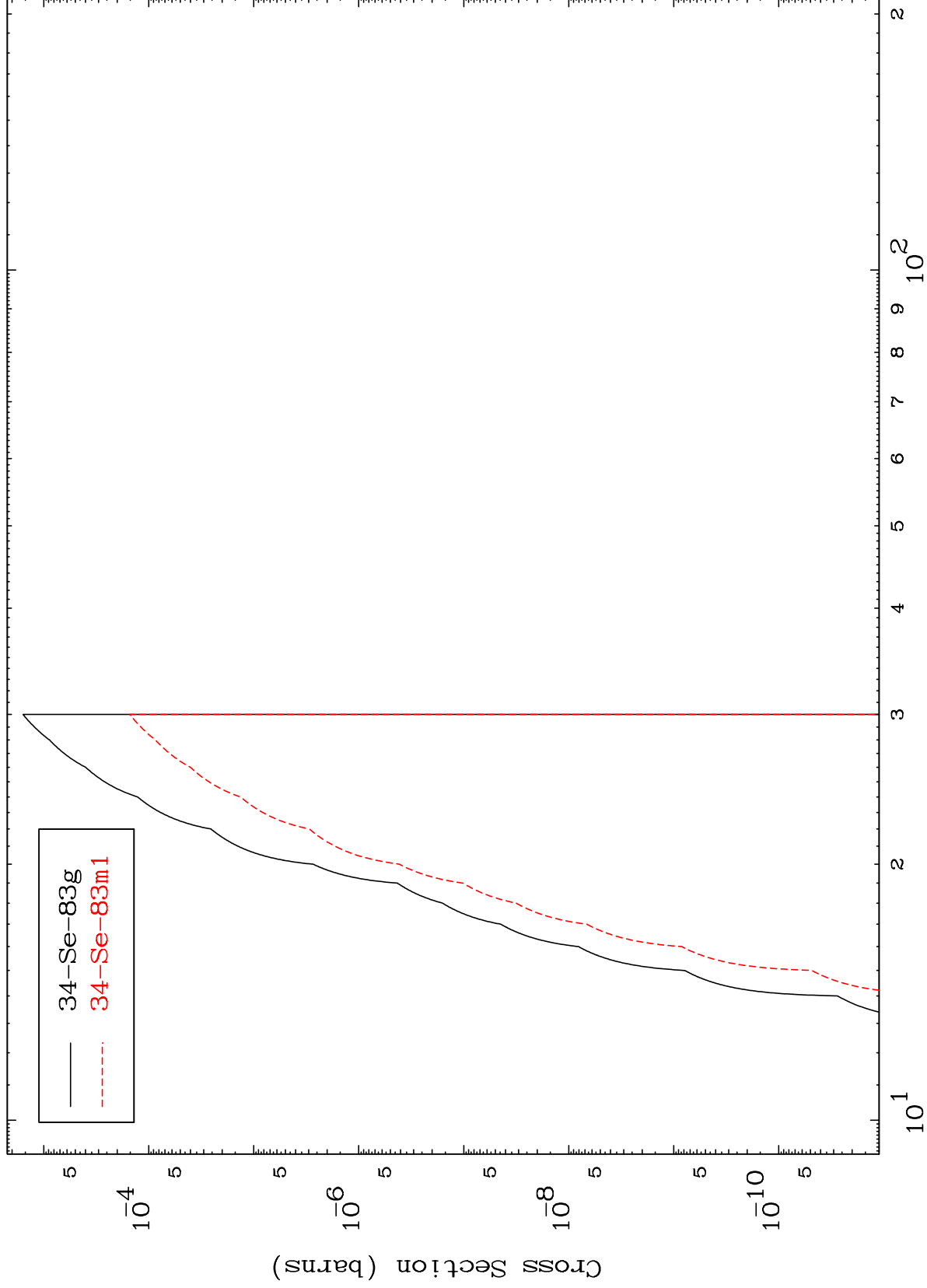
Incident Energy (MeV)

MAT 3541

(n,2p)

³⁵Br-84m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

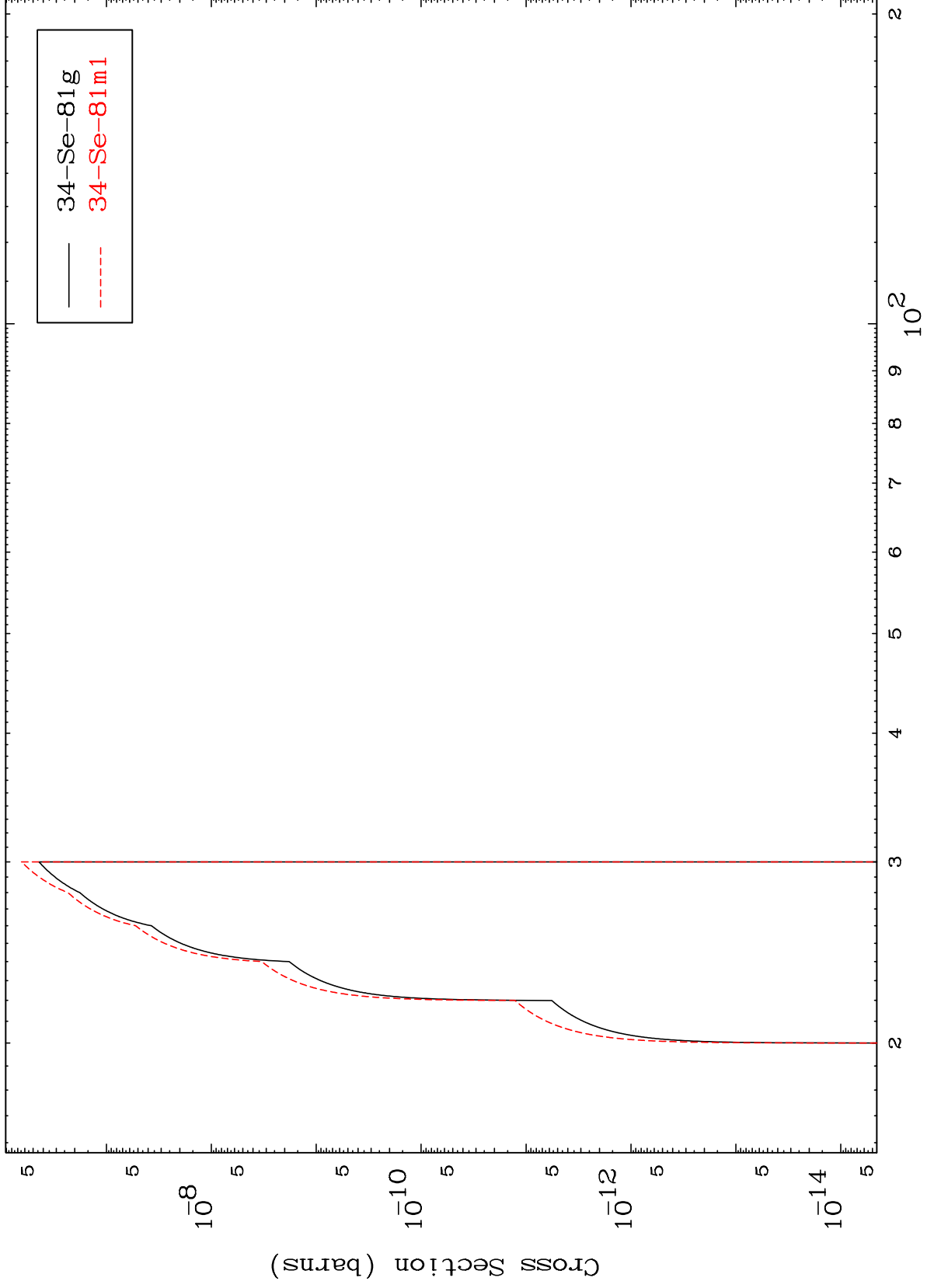
³⁵Br-84m

MAT 3541

(n,p) t

35-Br-84m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

35-Br-84m