

Program EVALPLOT
(Version 2021-1)

by

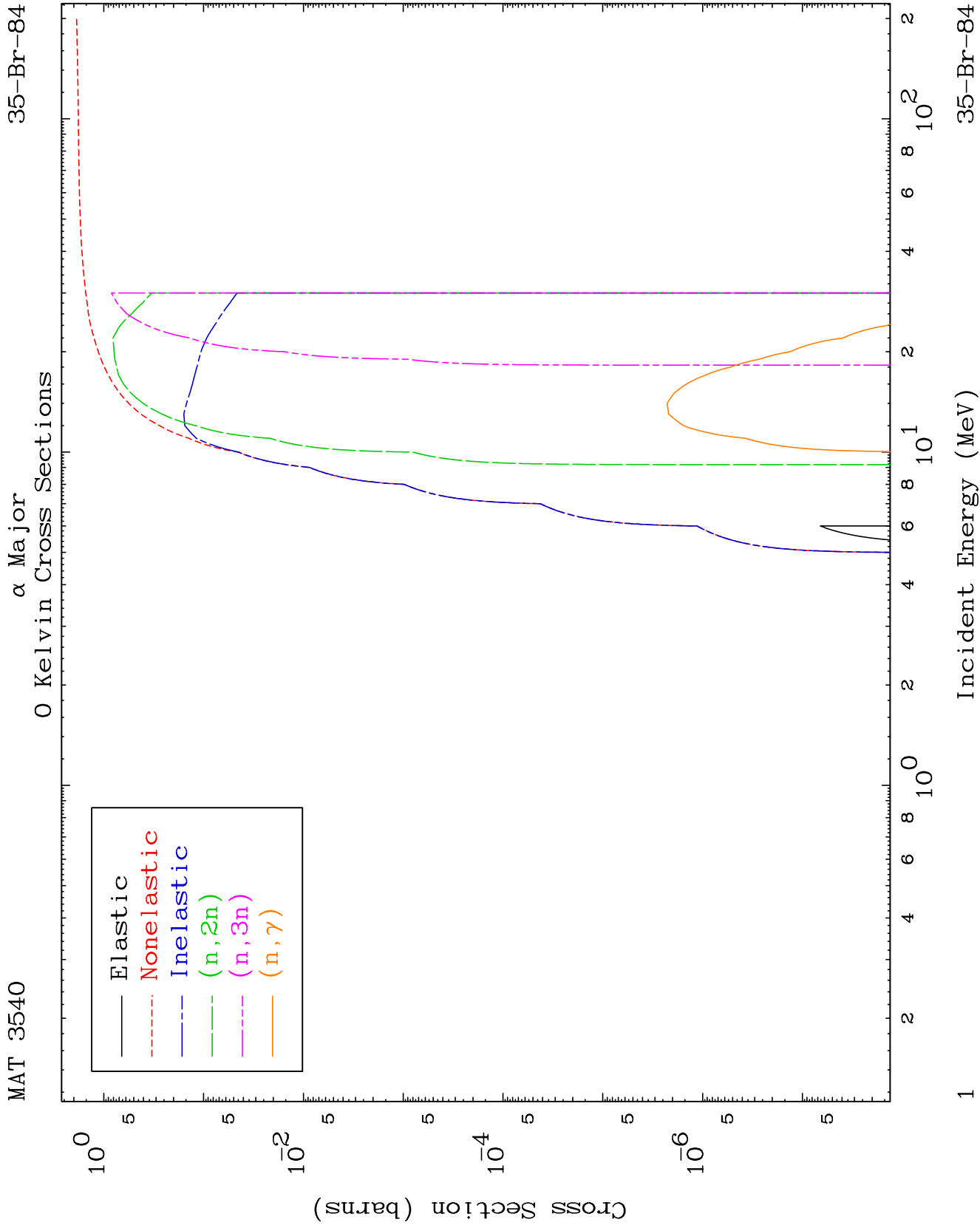
Dermott E. Cullen
(Present Contact Information)

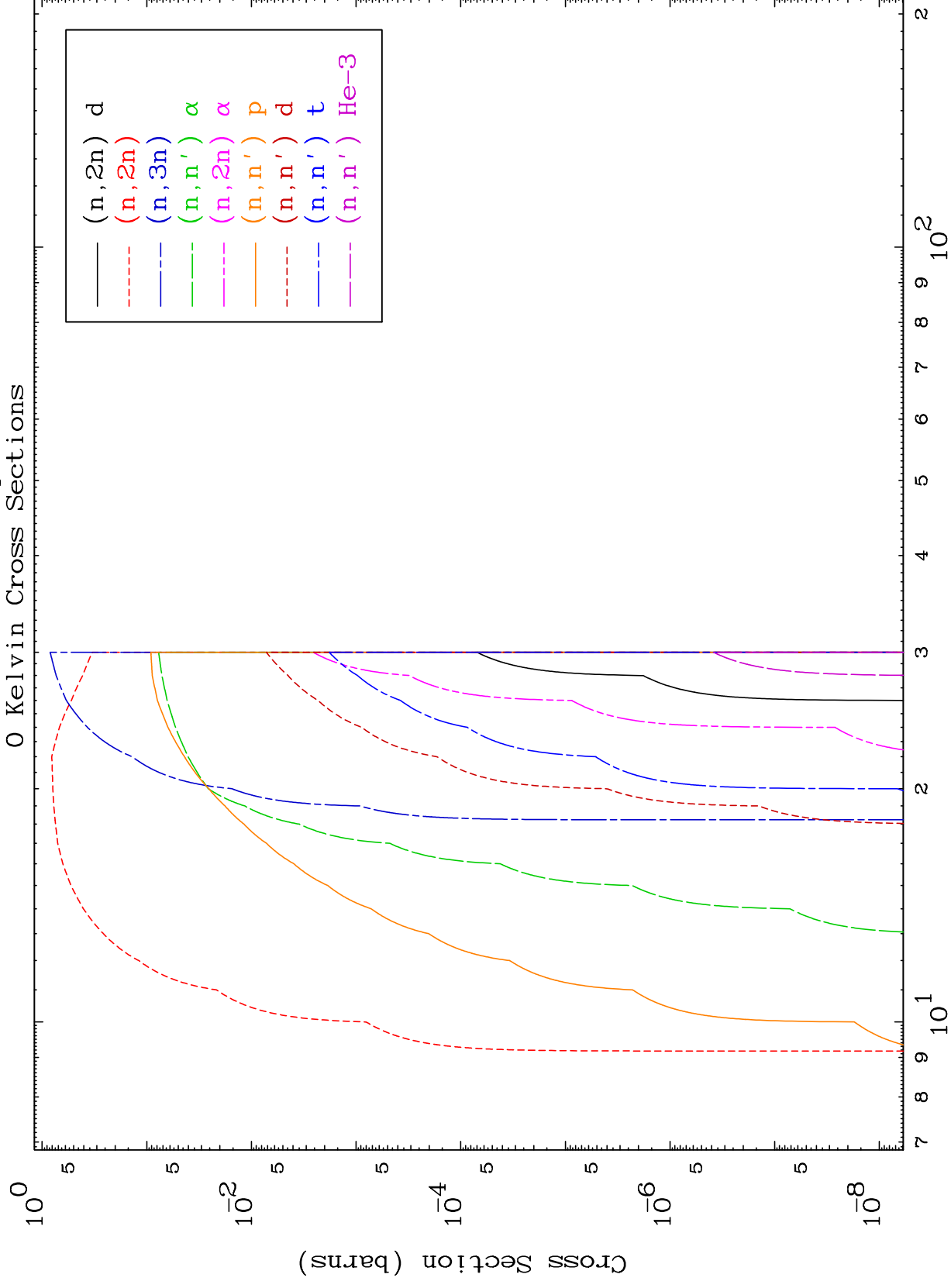
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

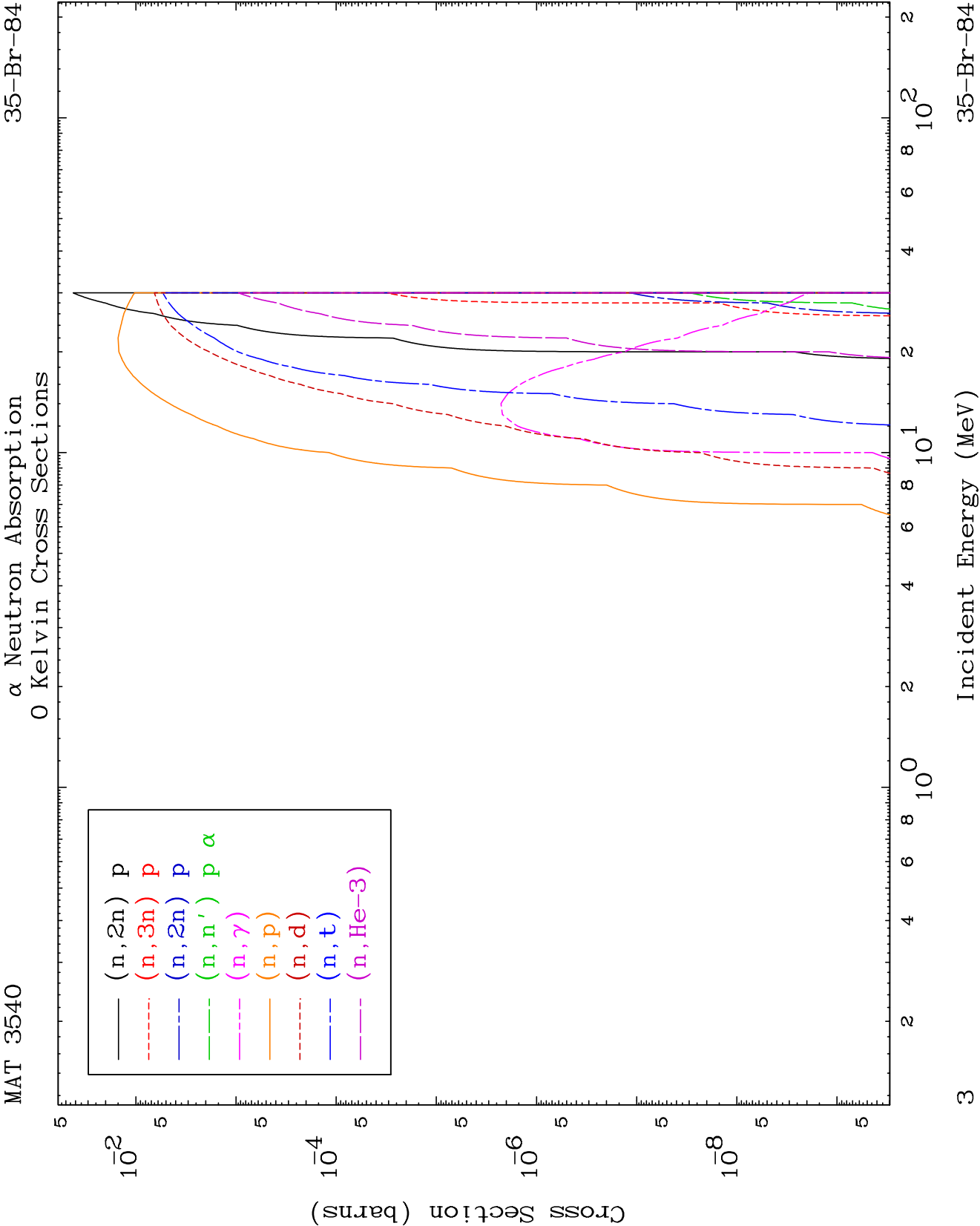
Tele: 925-443-1911

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

Press Mouse Button to Start



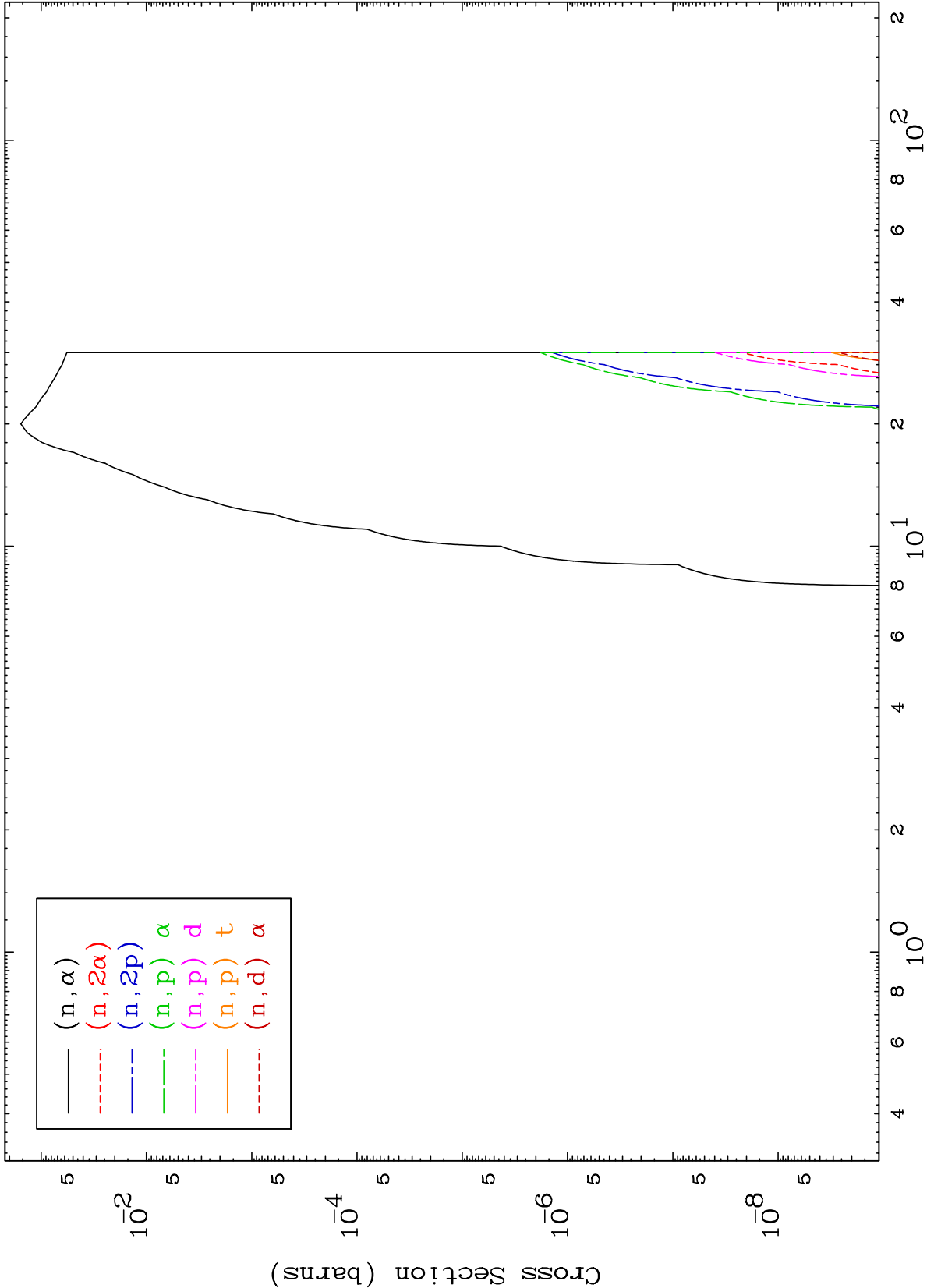




MAT 3540

α Neutron Absorption
0 Kelvin Cross Sections

35-Br-84



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Incident Energy (MeV)

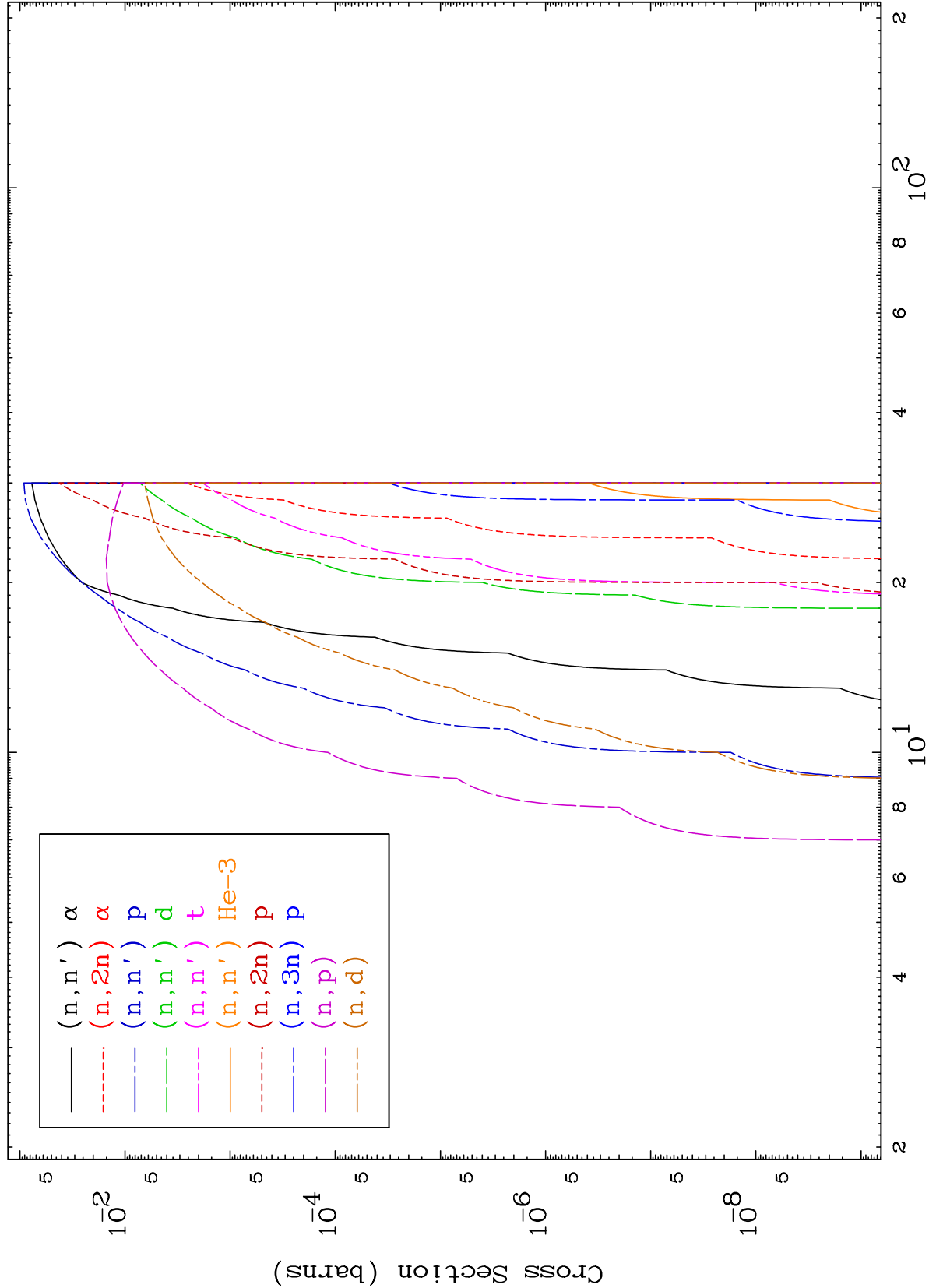
35-Br-84

MAT 3540

α Charged Particle

35-Br-84

0 Kelvin Cross Sections



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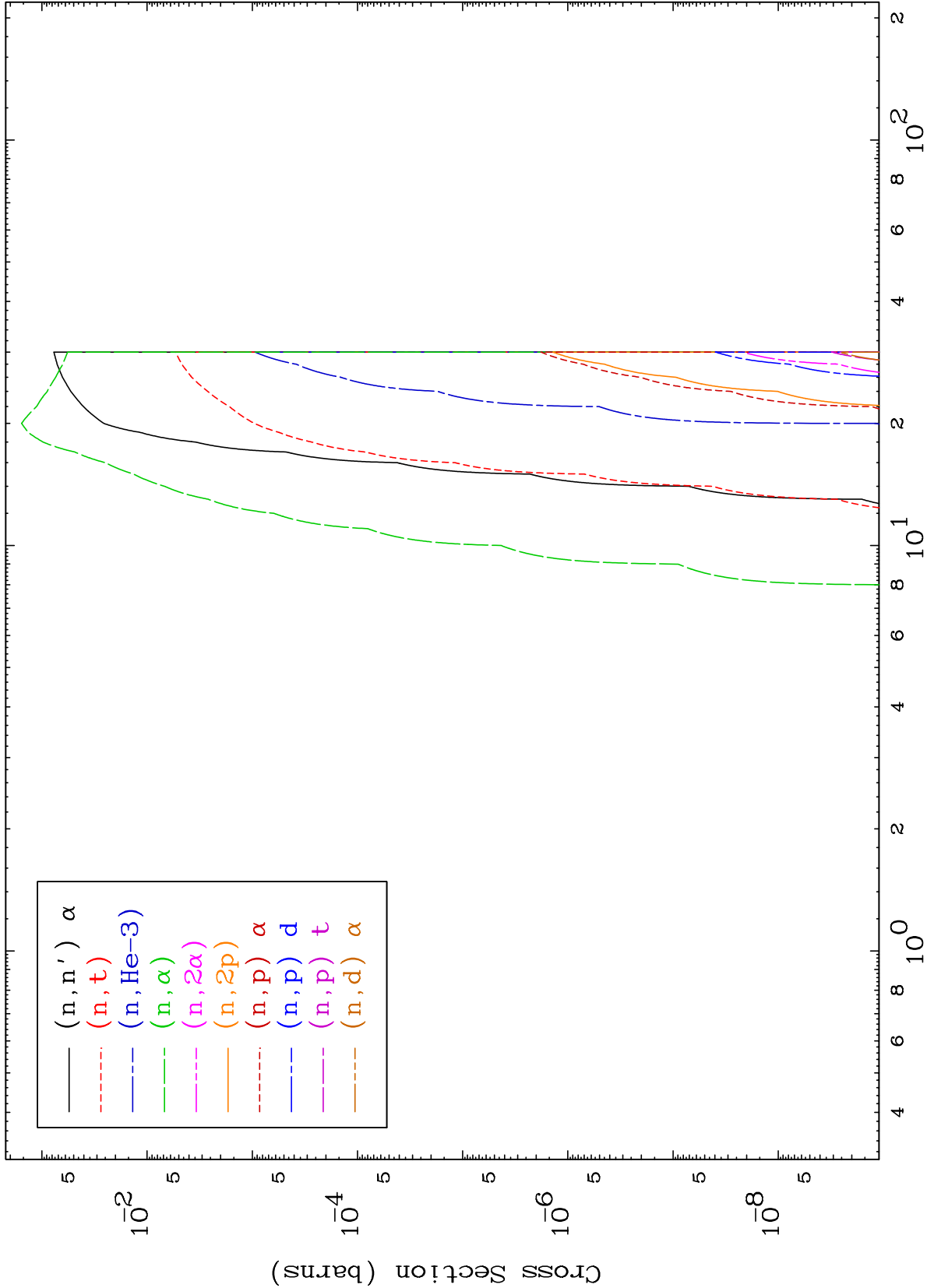
Incident Energy (MeV)

35-Br-84

MAT 3540

α Charged Particle
0 Kelvin Cross Sections

35-Br-84



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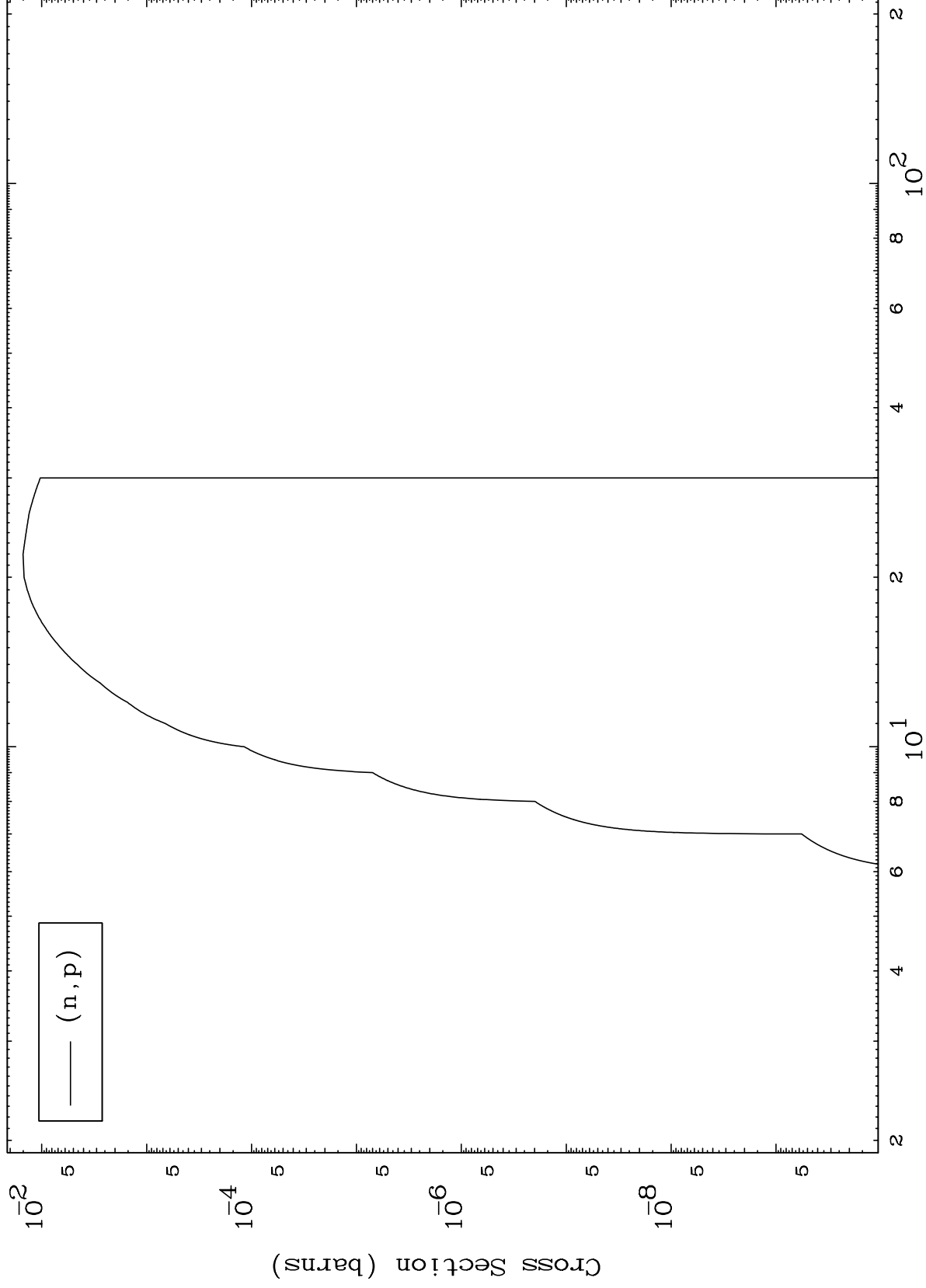
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

(α, p) Levels
0 Kelvin Cross Sections



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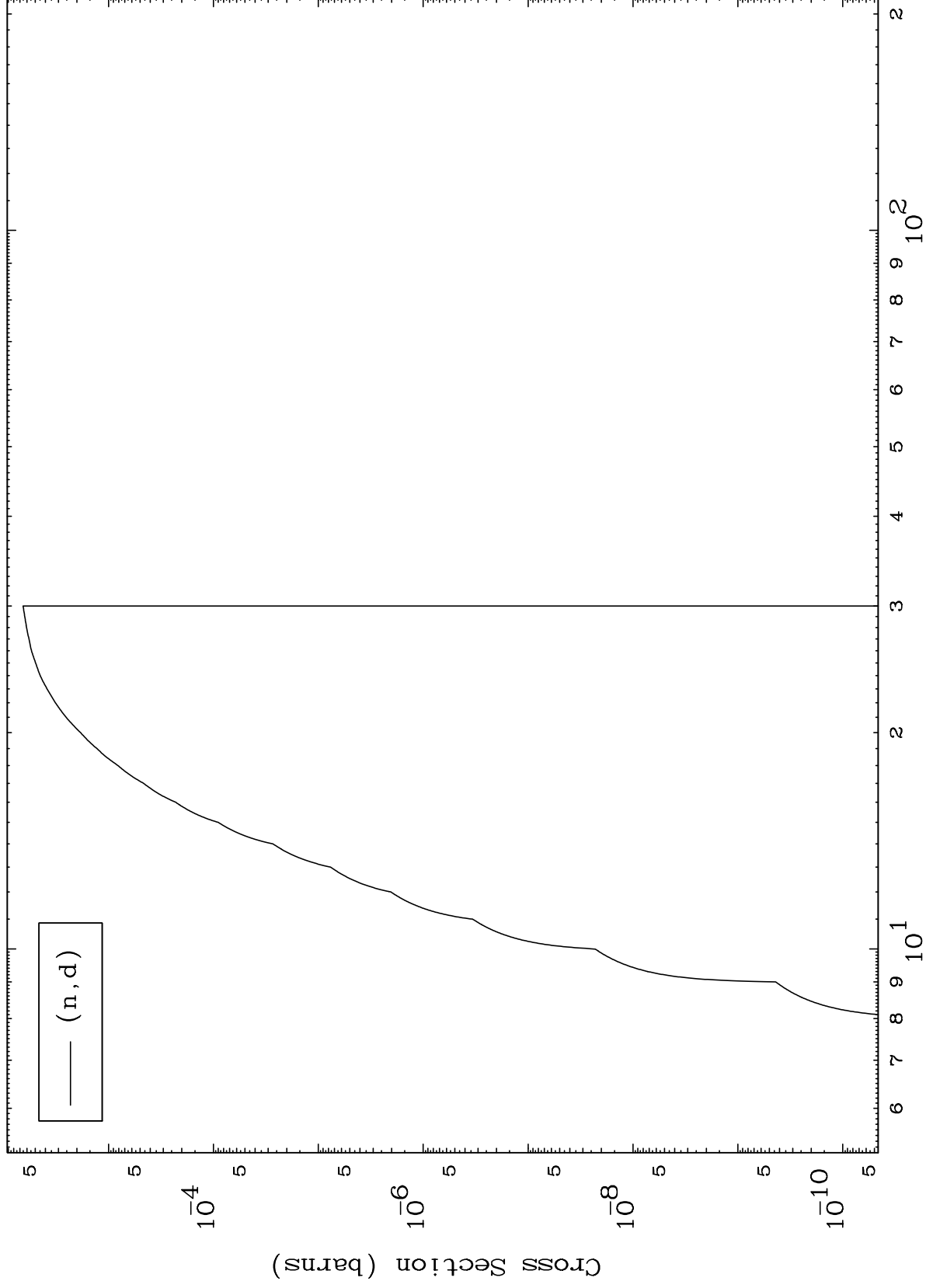
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

(α ,d) Levels
0 Kelvin Cross Sections



8

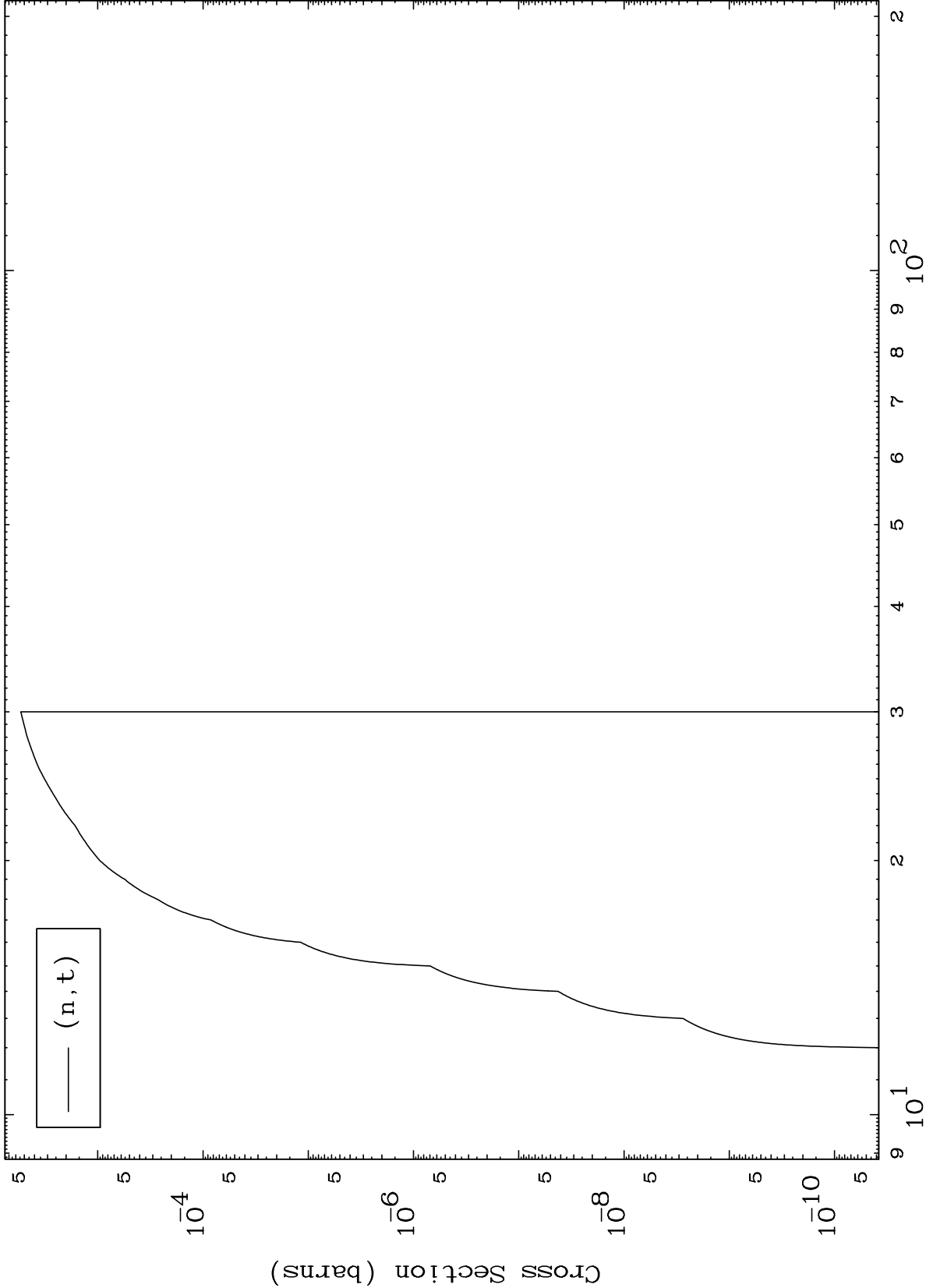
35-Br-84

Incident Energy (MeV)

MAT 3540

(α, t) Levels
0 Kelvin Cross Sections

35-Br-84



Incident Energy (MeV)

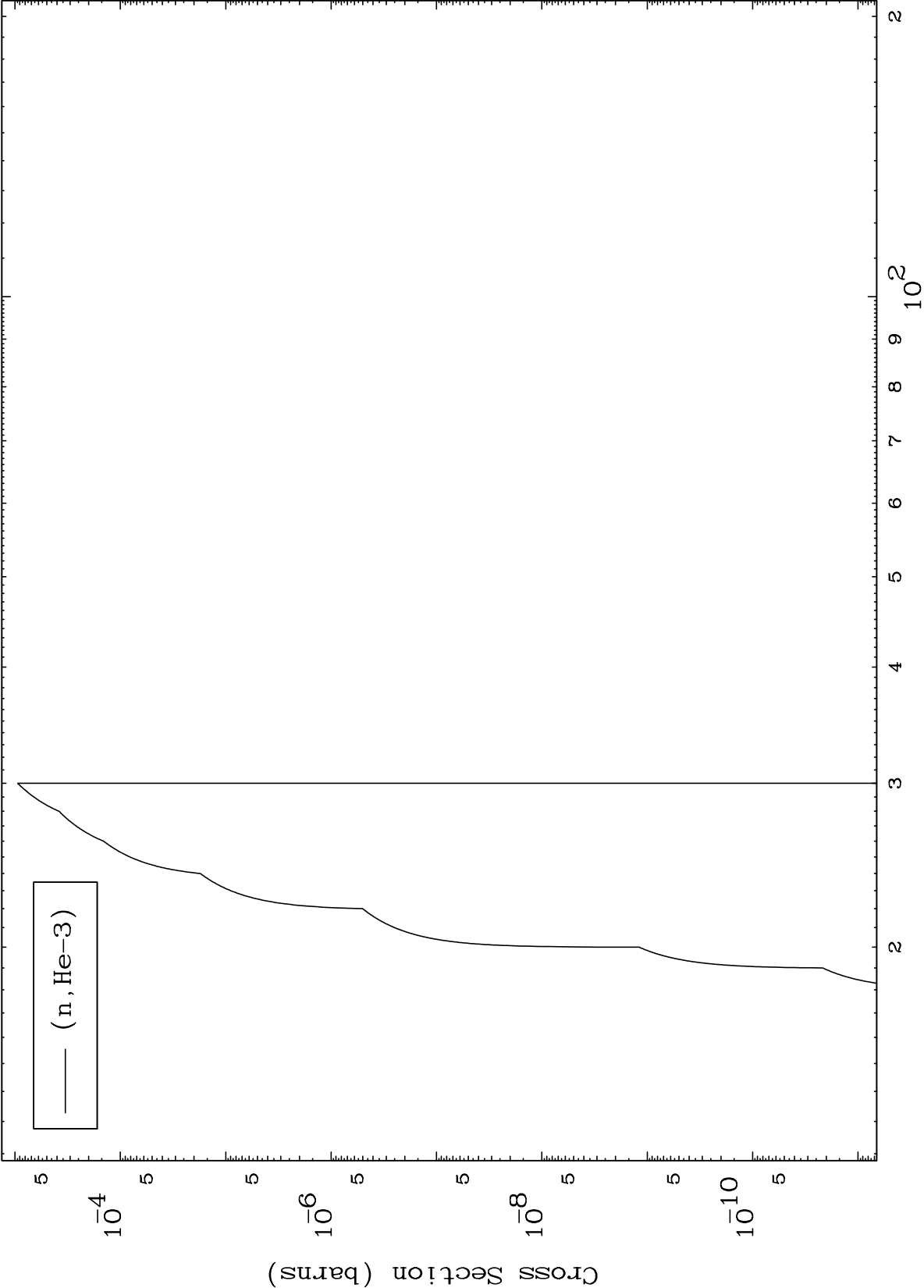
35-Br-84

MAT 3540

(α ,He3) Levels

35-Br-84

0 Kelvin Cross Sections



10

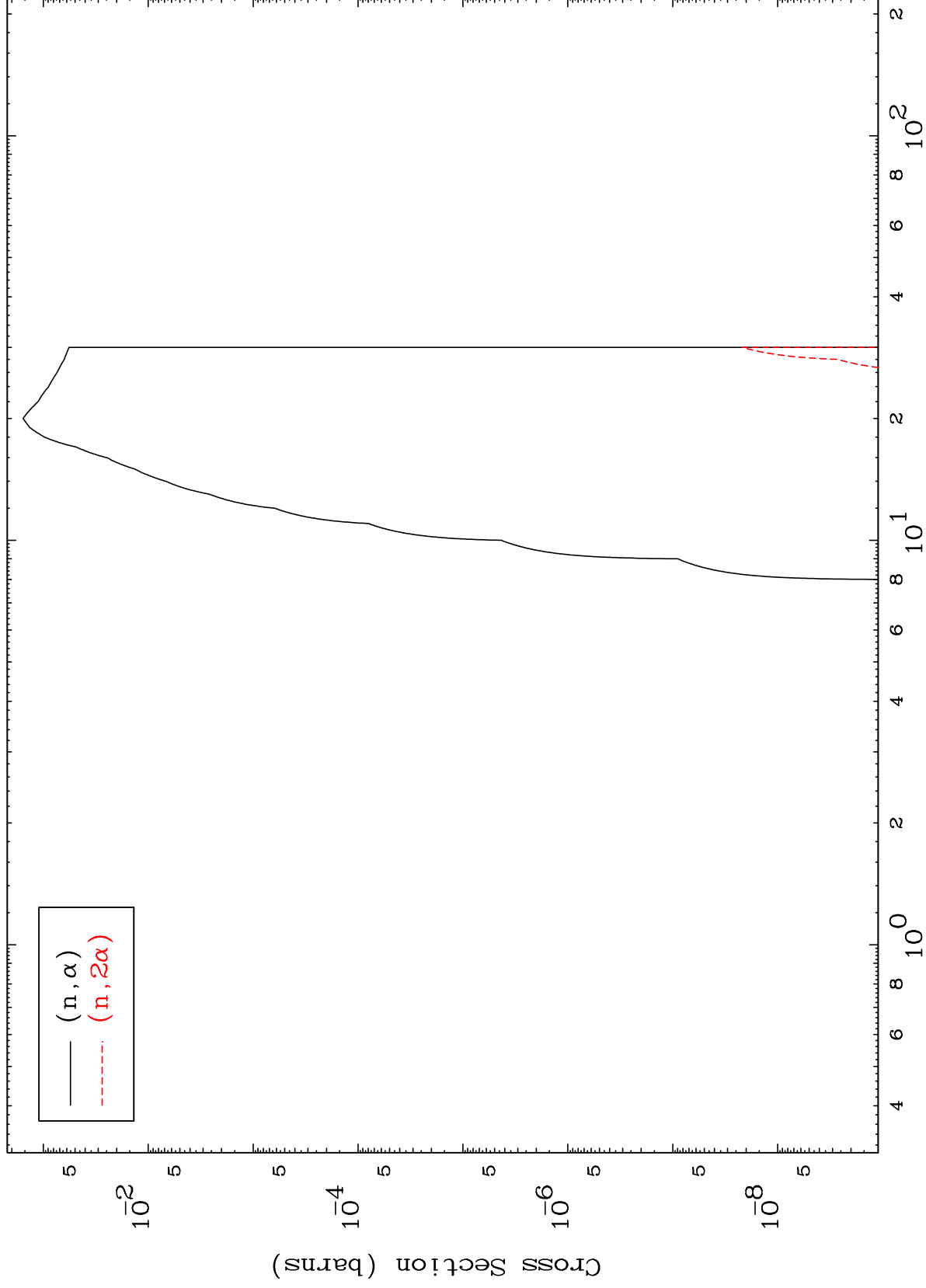
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

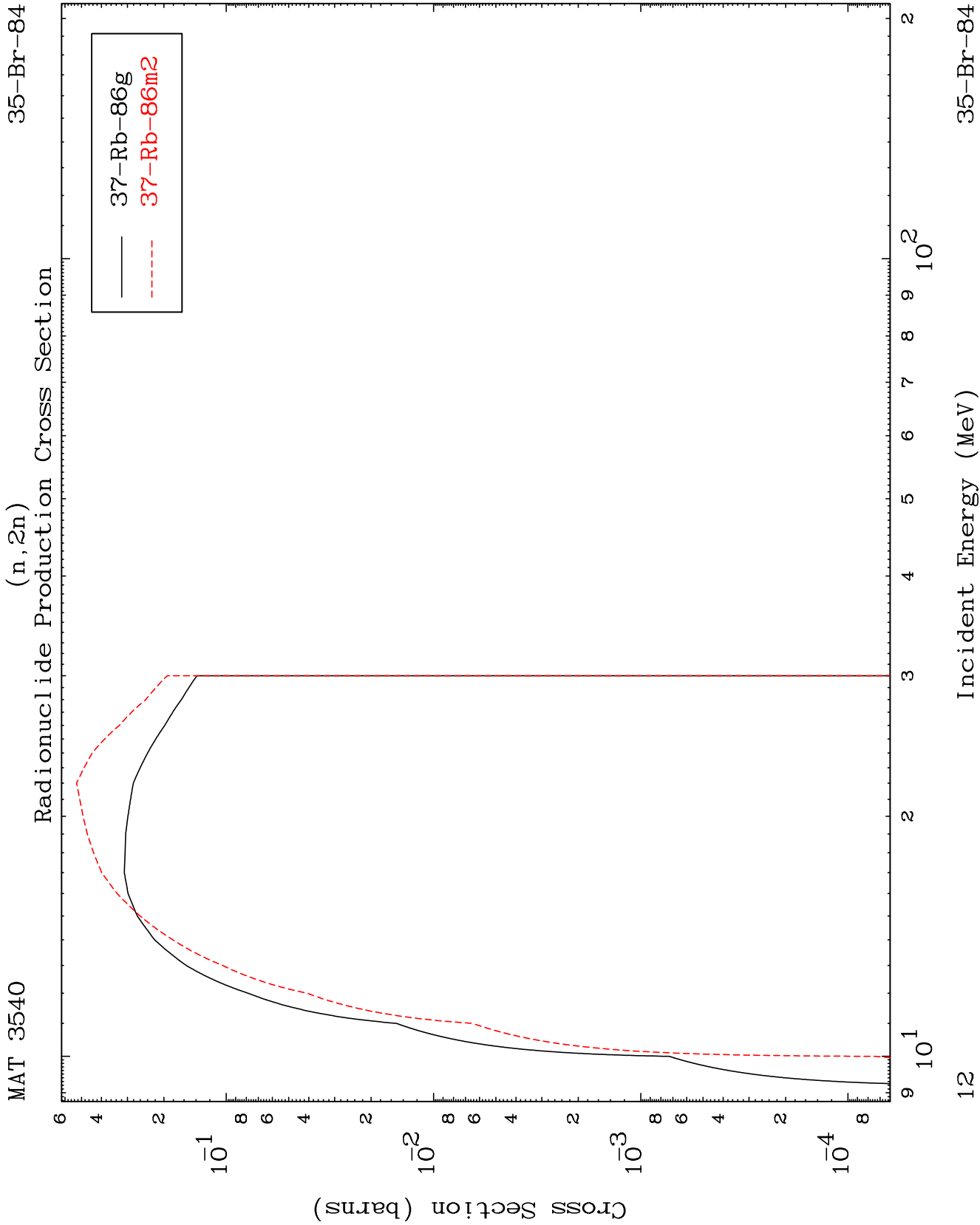
(α, α) Levels
0 Kelvin Cross Sections



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35-Br-84

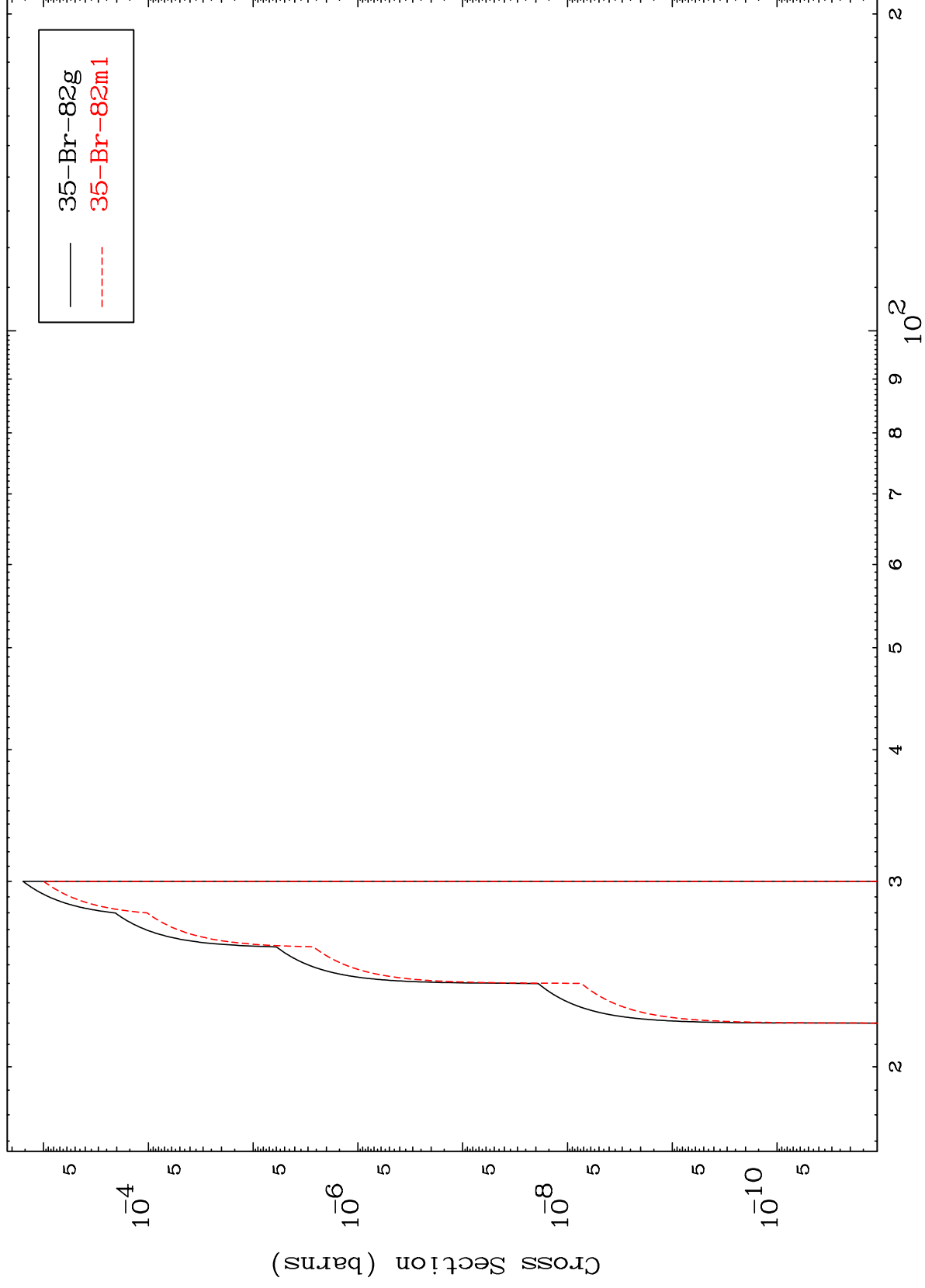
Incident Energy (MeV)



MAT 3540

35-Br-84

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



13

Incident Energy (MeV)

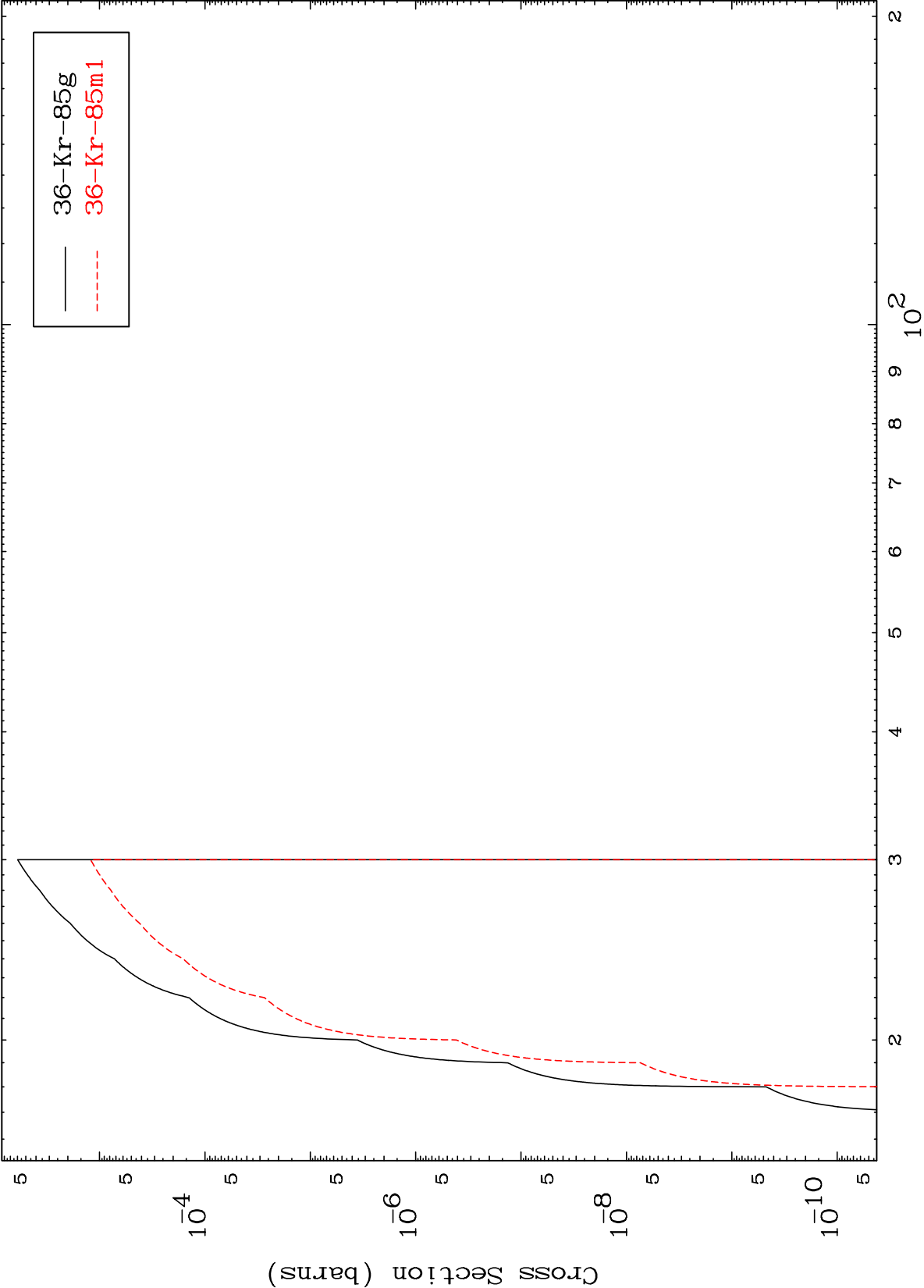
35-Br-84

MAT 3540

(n,n') d

35-Br-84

Radionuclide Production Cross Section

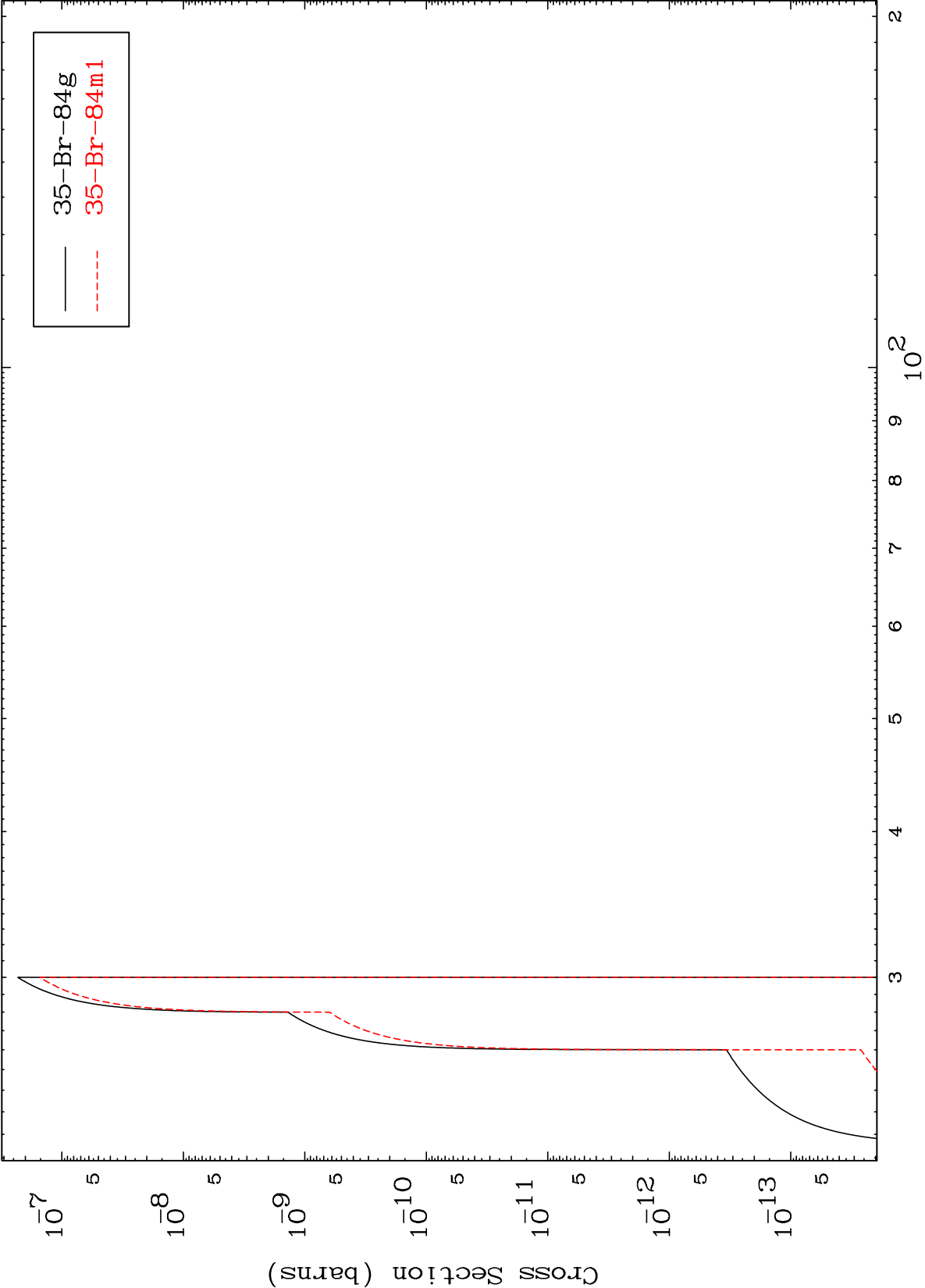


14

Incident Energy (MeV)

35-Br-84

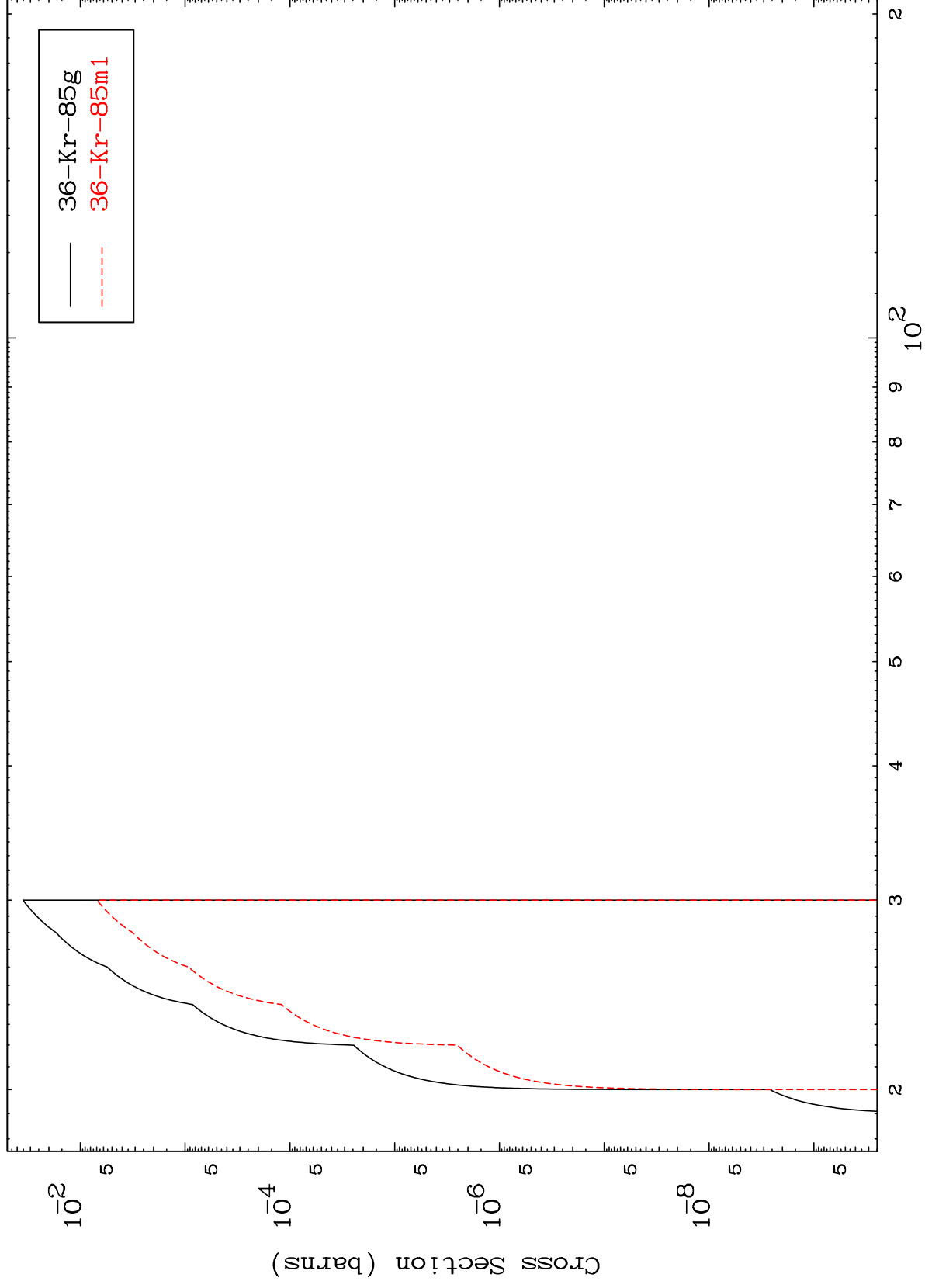
Radionuclide Production Cross Section



MAT 3540

$(n,2n)$ p 35-Br-84

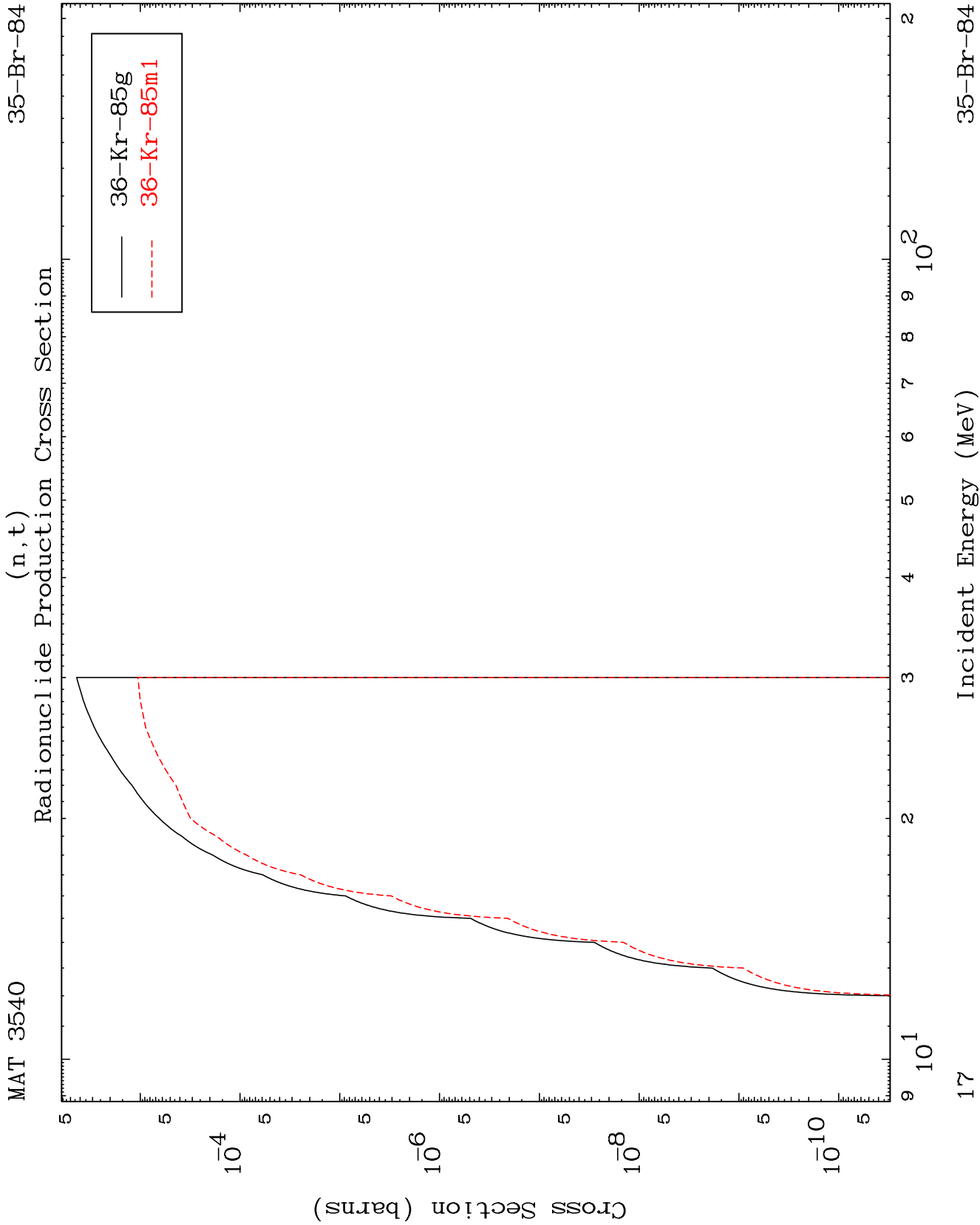
Radionuclide Production Cross Section

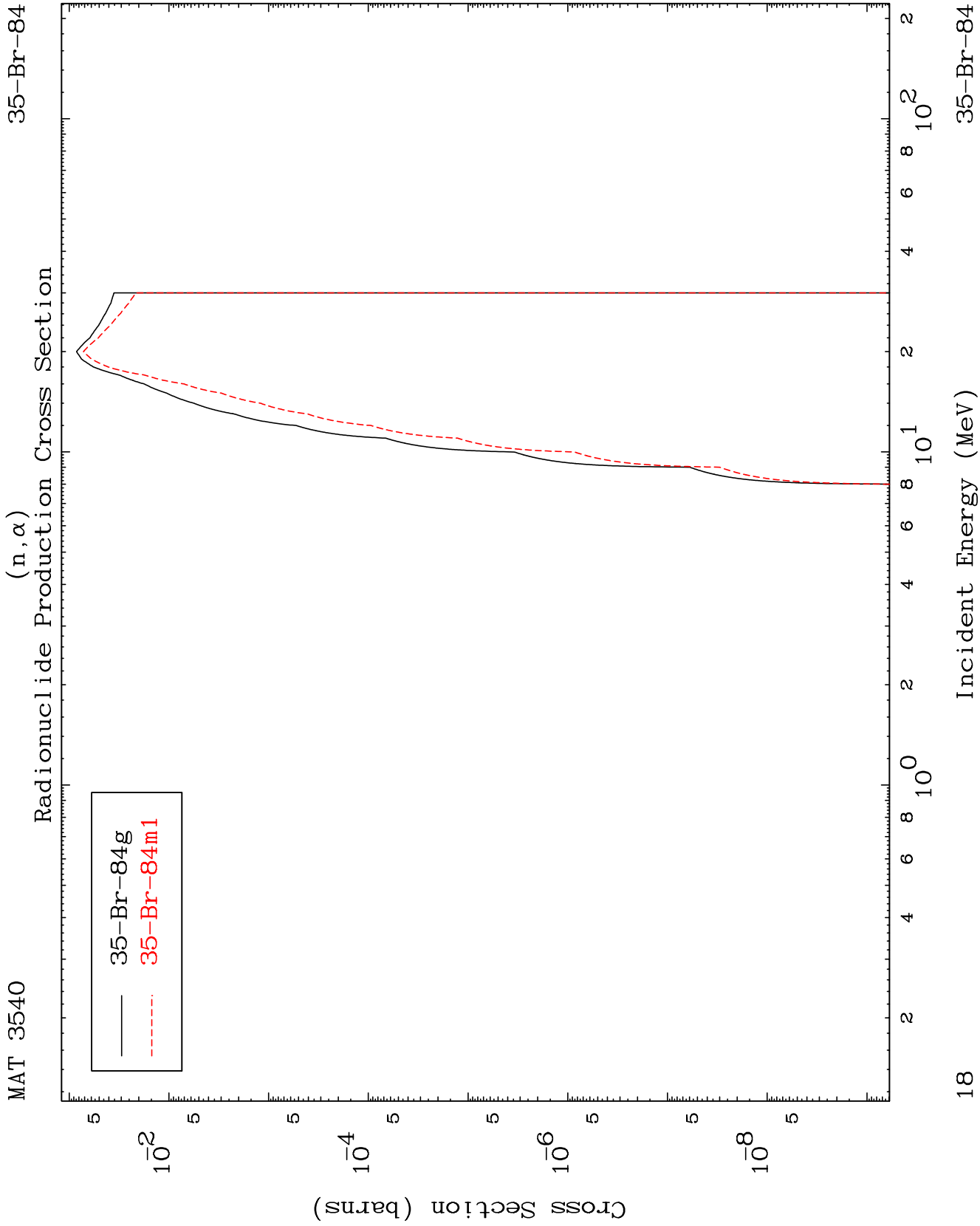


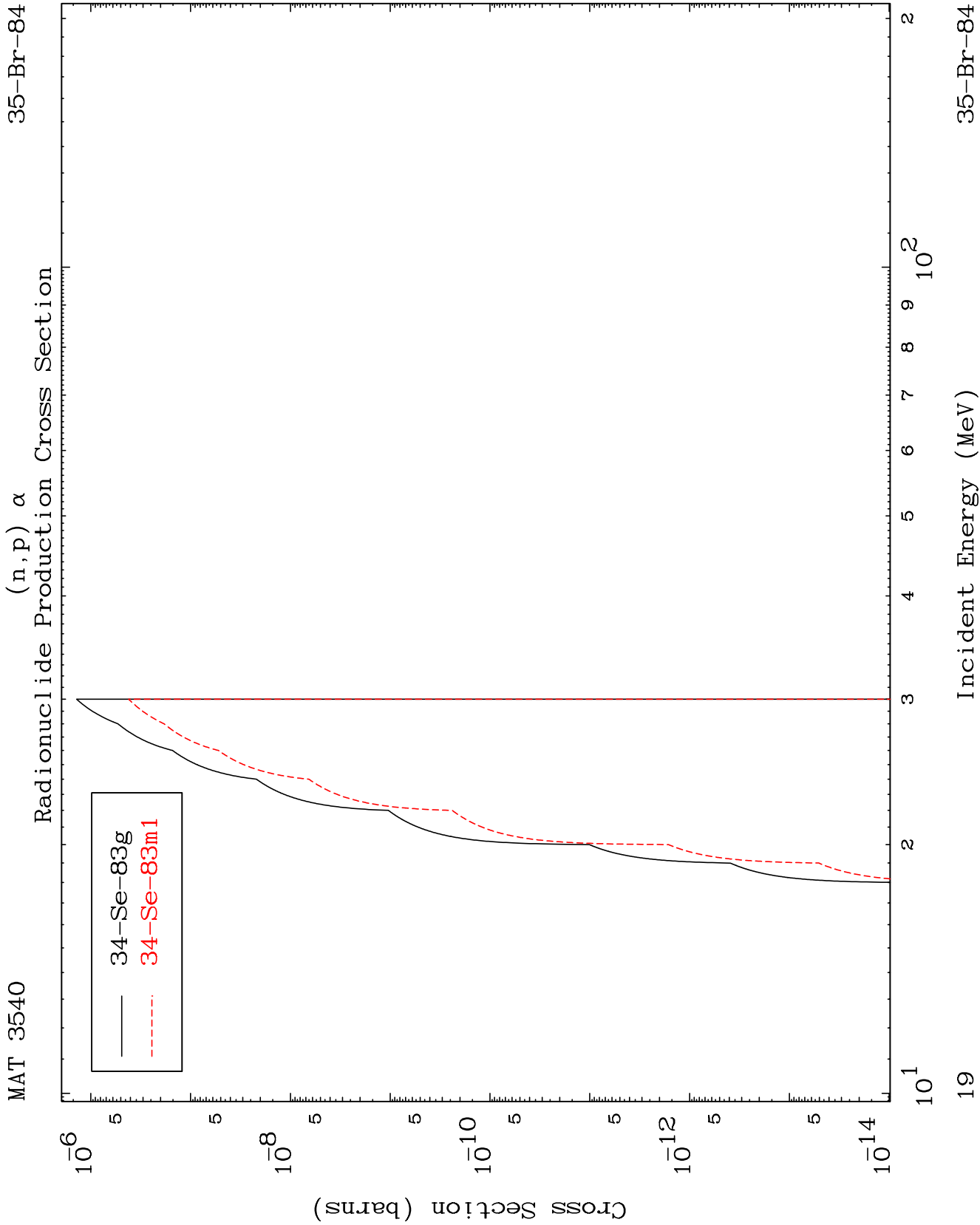
35-Br-84

Incident Energy (MeV)

16



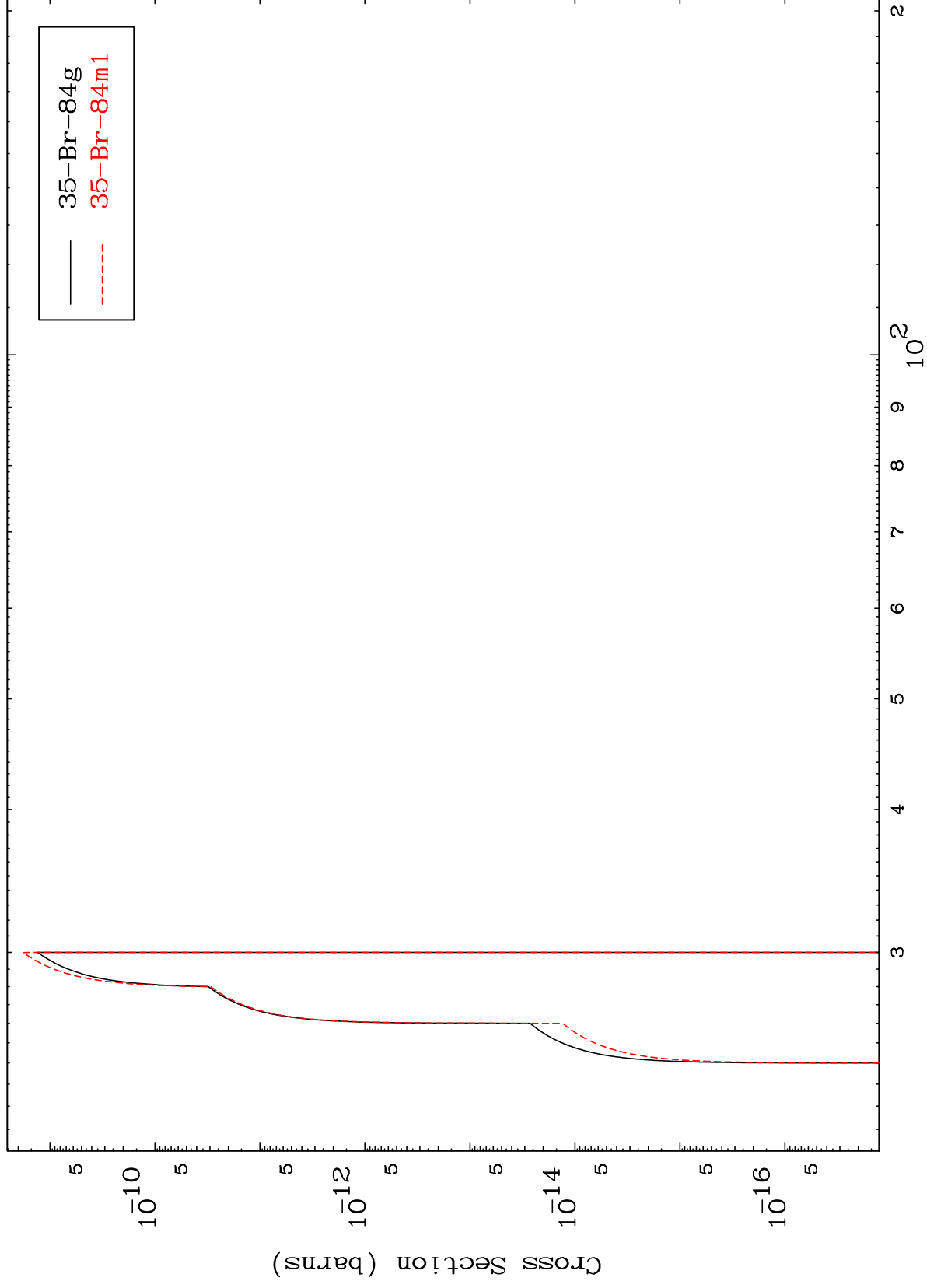




MAT 3540

35-Br-84

(n,p) t
Radionuclide Production Cross Section



35-Br-84

Incident Energy (MeV)

20