

Program EVALPLOT
(Version 2021-1)

by

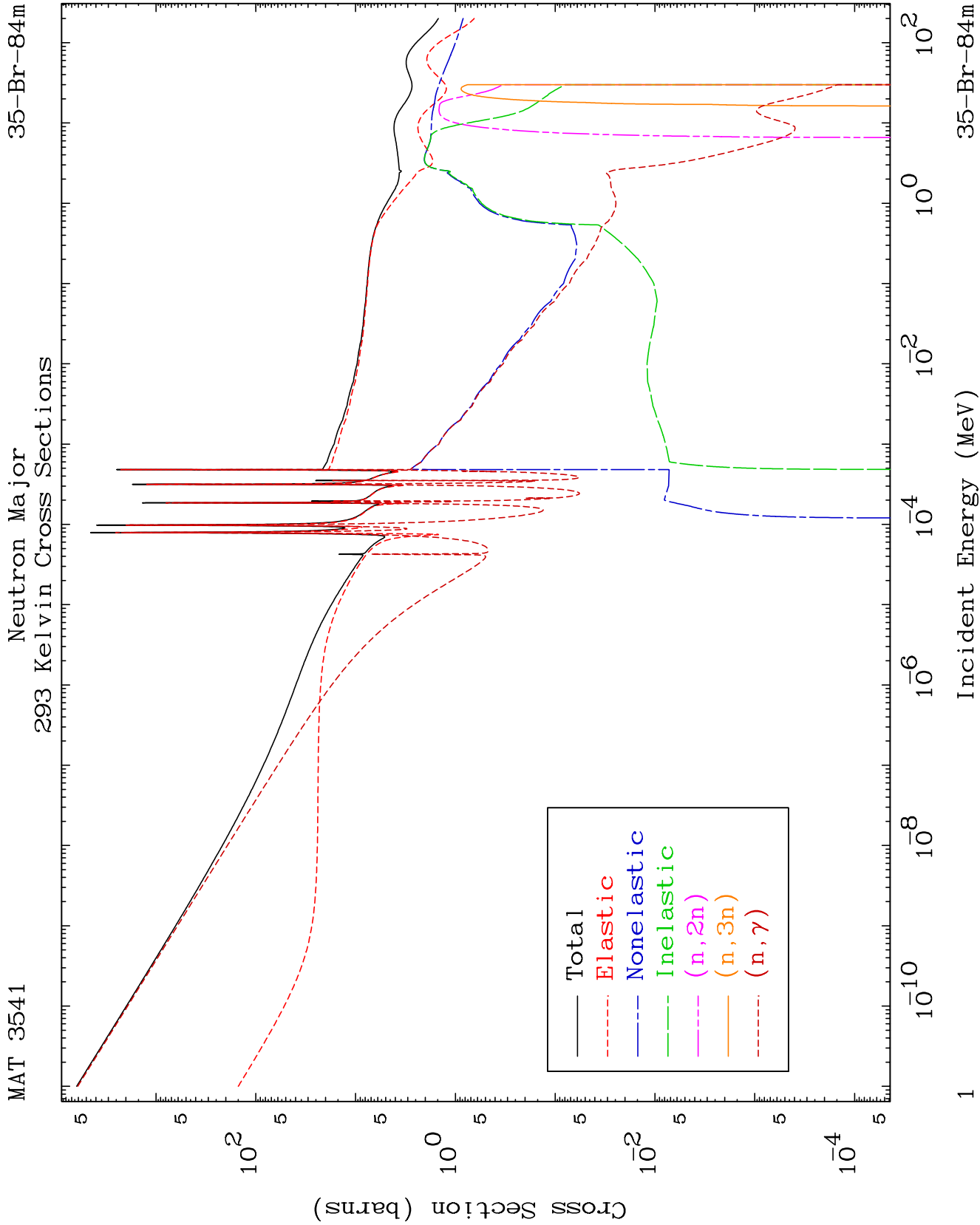
Dermott E. Cullen
(Present Contact Information)

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

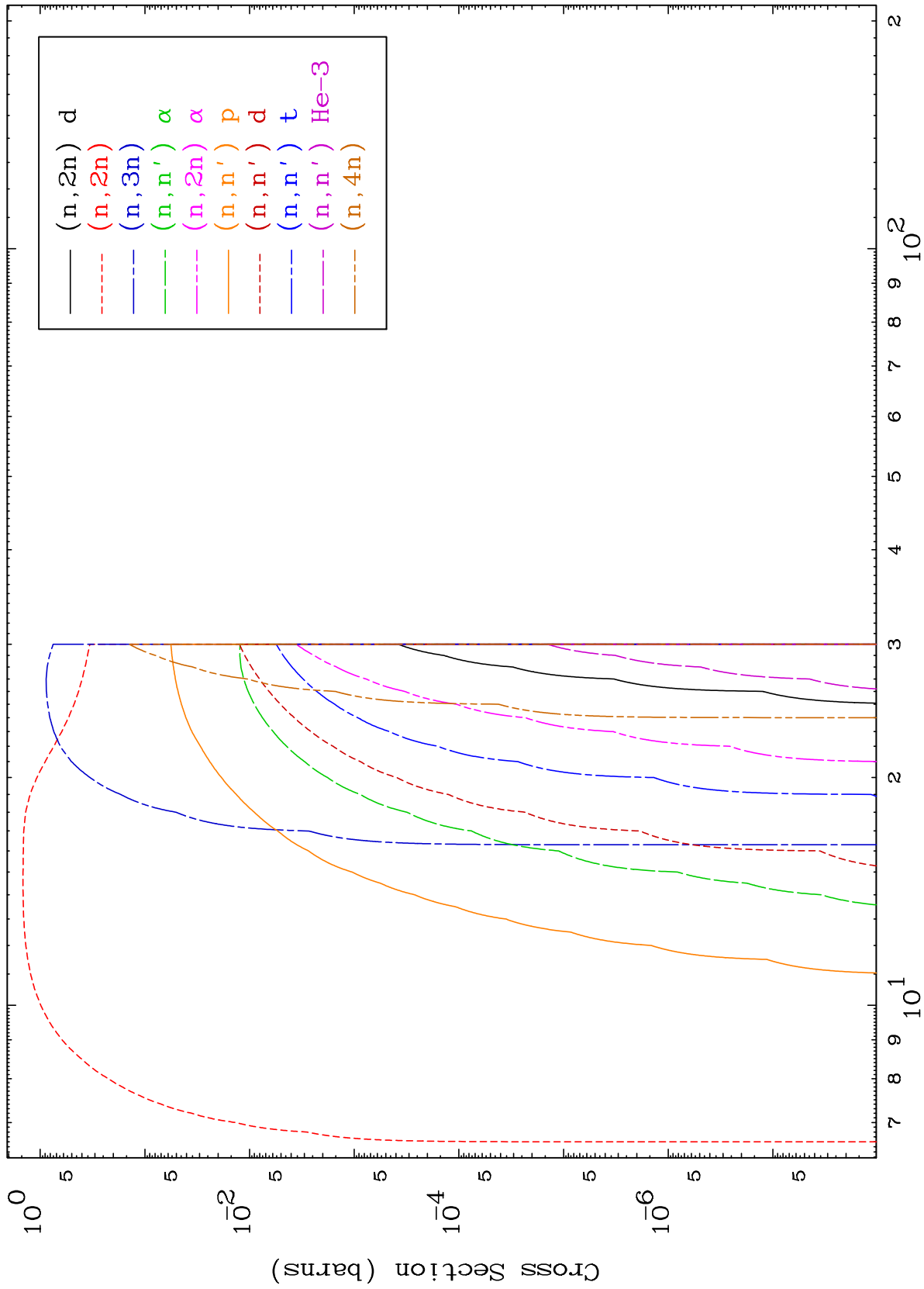
Press Mouse Button to Start



MAT 3541

Neutron Absorption
293 Kelvin Cross Sections

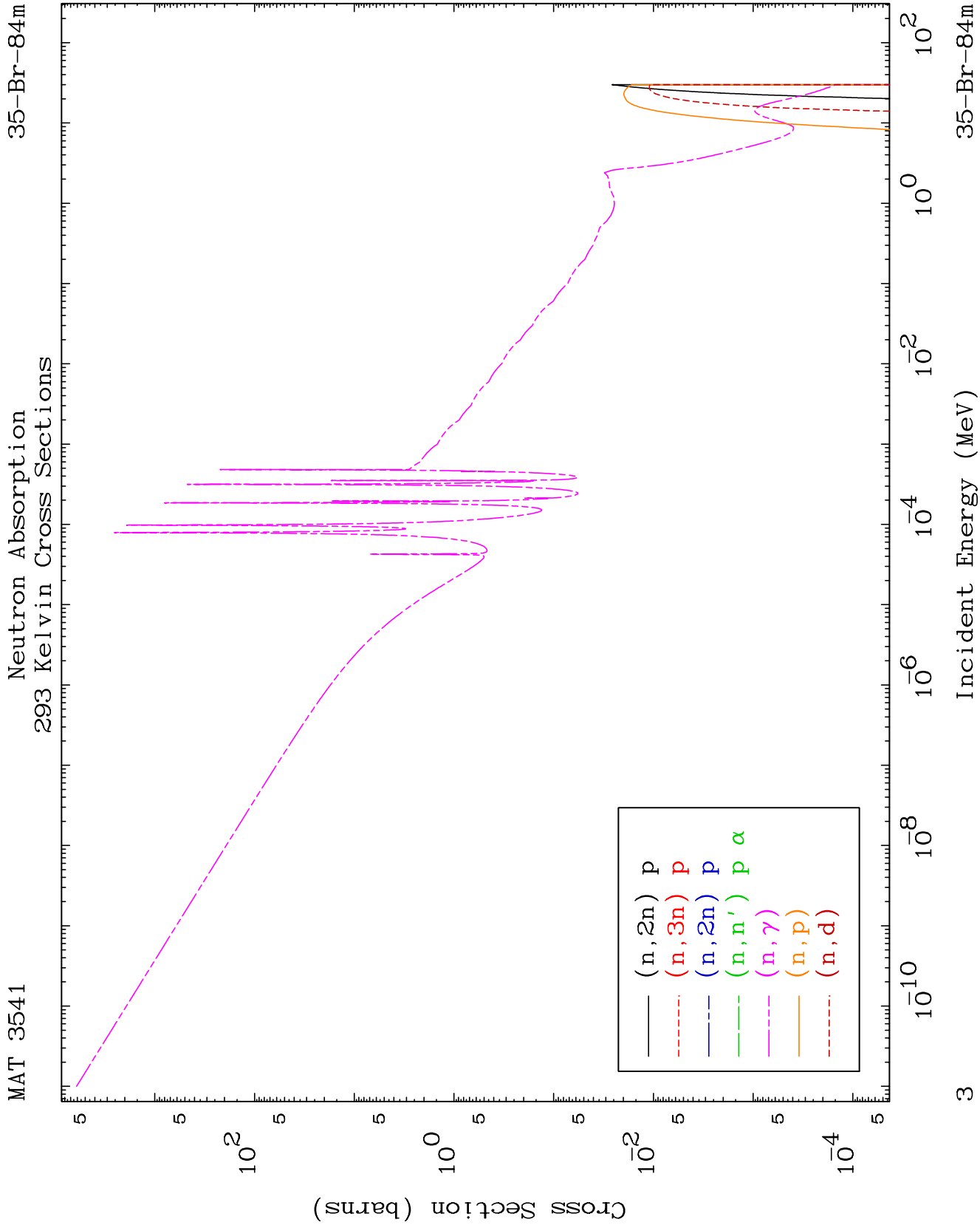
35-Br-84m



2

Incident Energy (MeV)

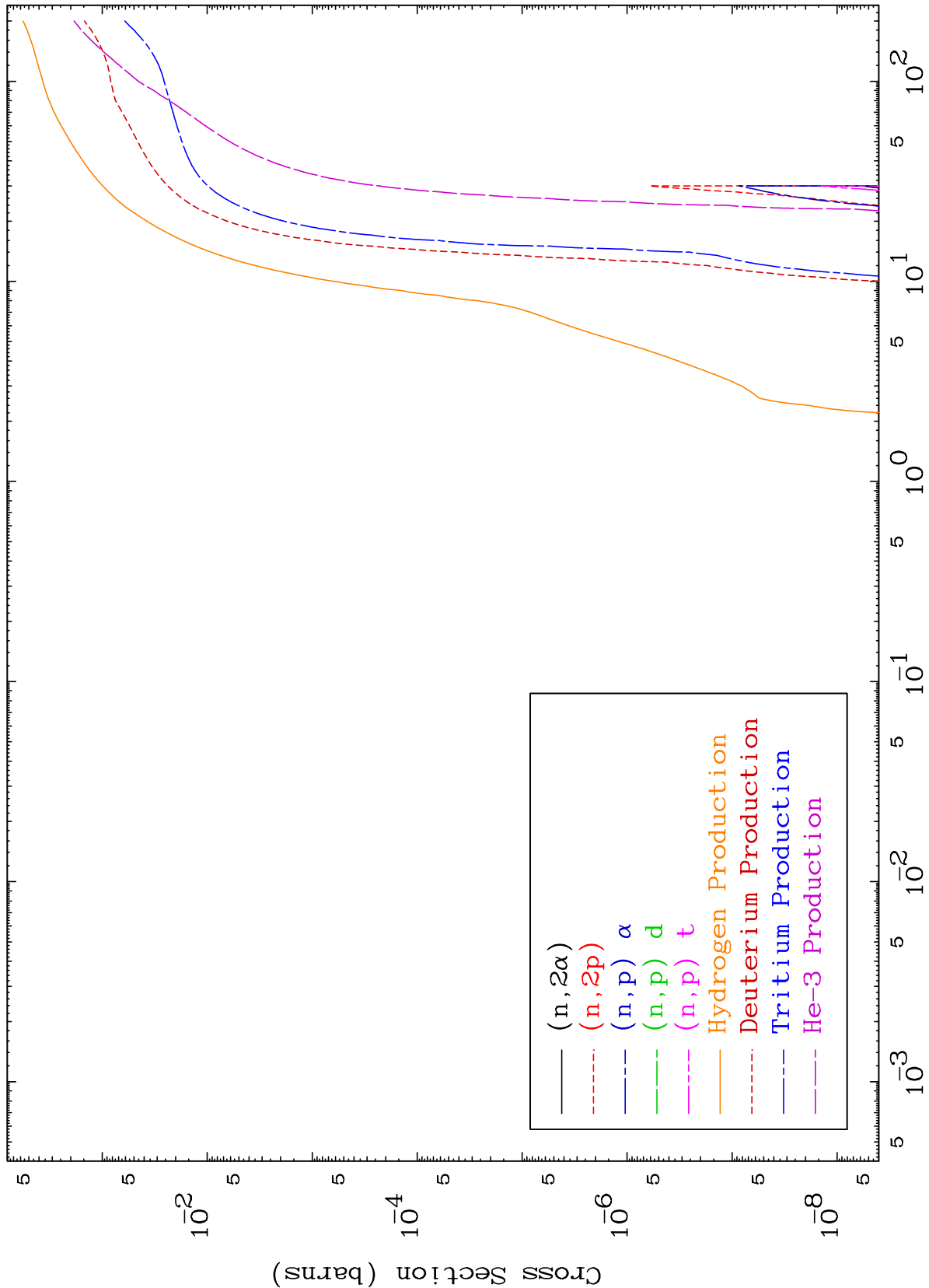
35-Br-84m



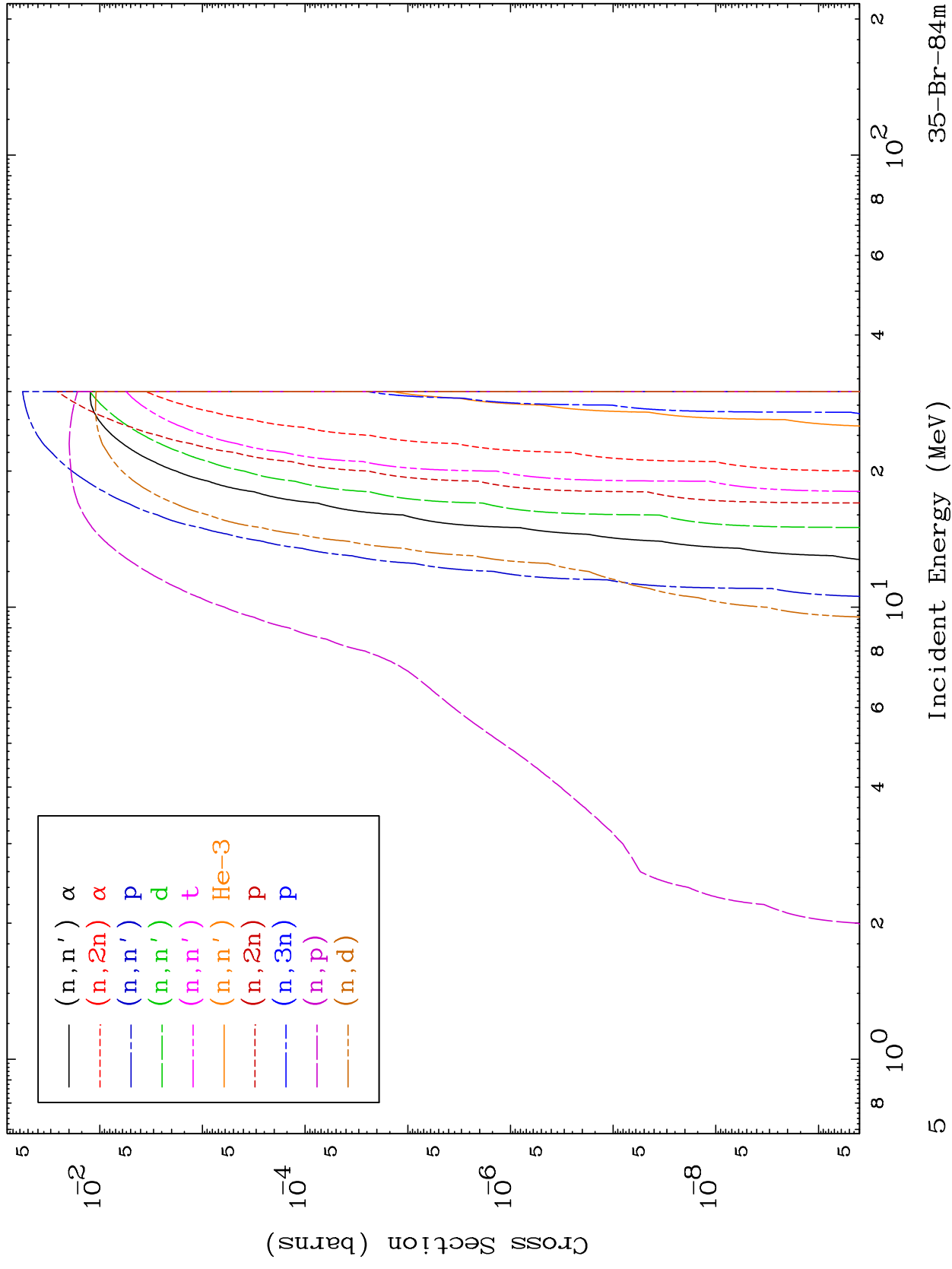
MAT 3541

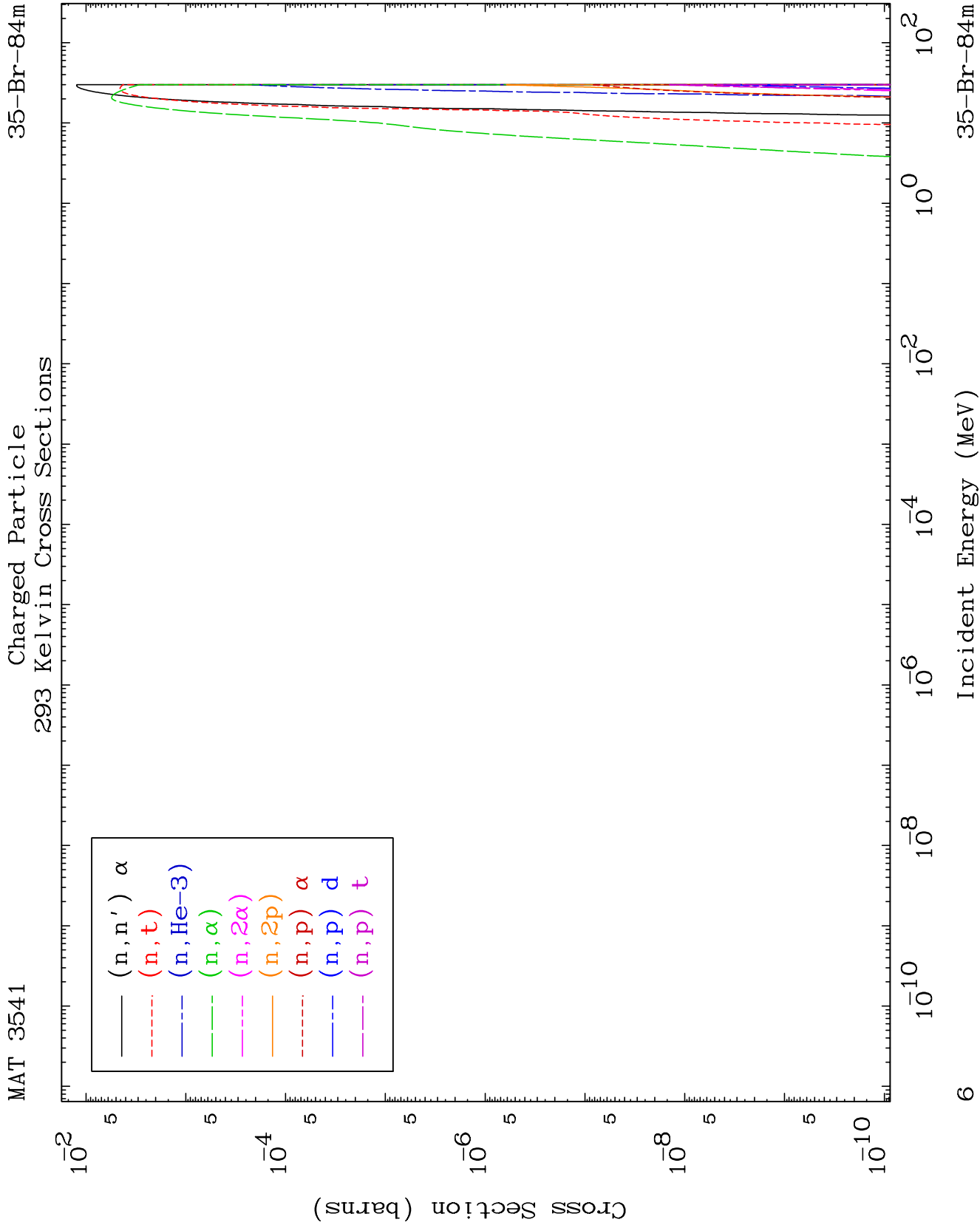
Neutron Absorption
293 Kelvin Cross Sections

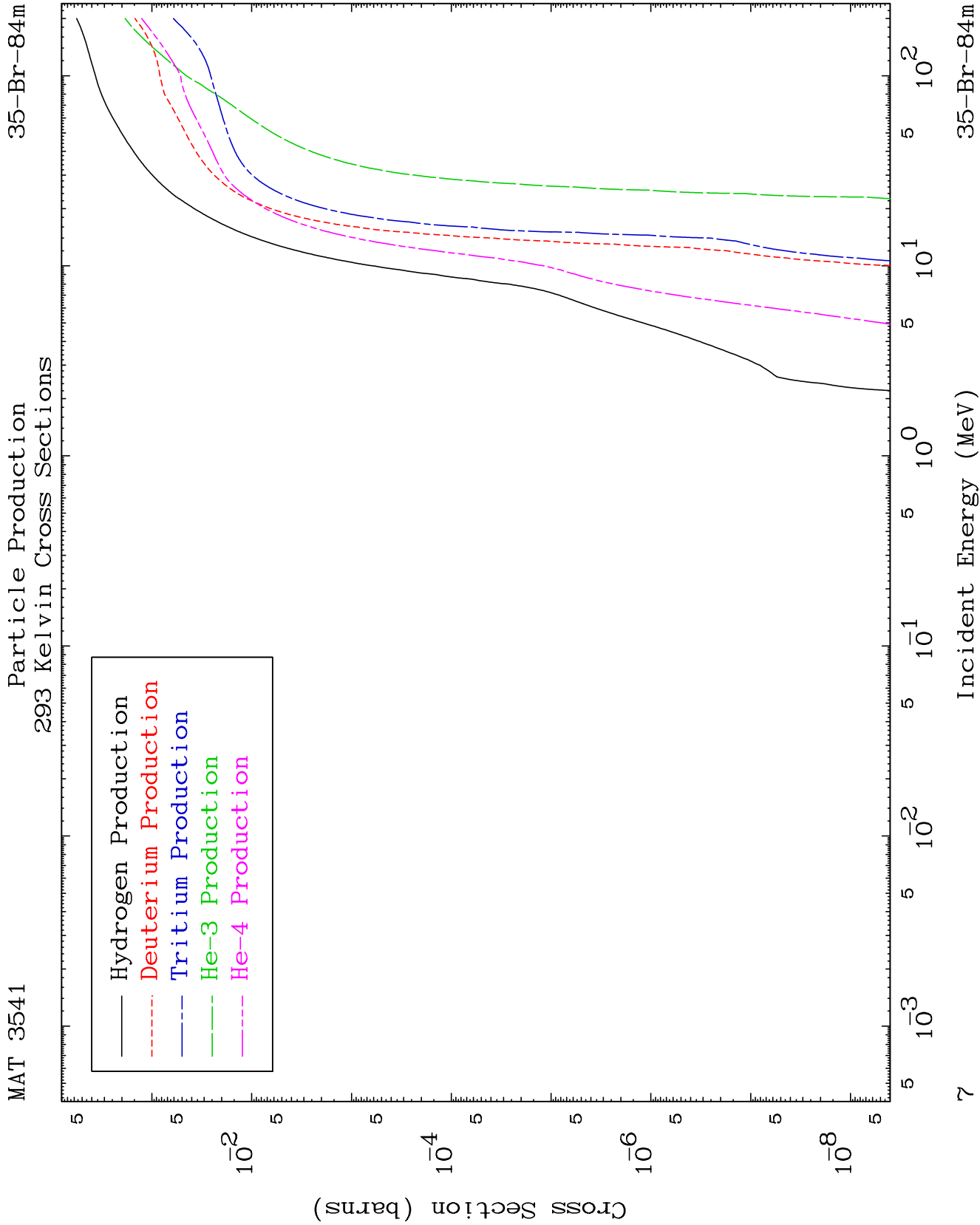
35-Br-84m

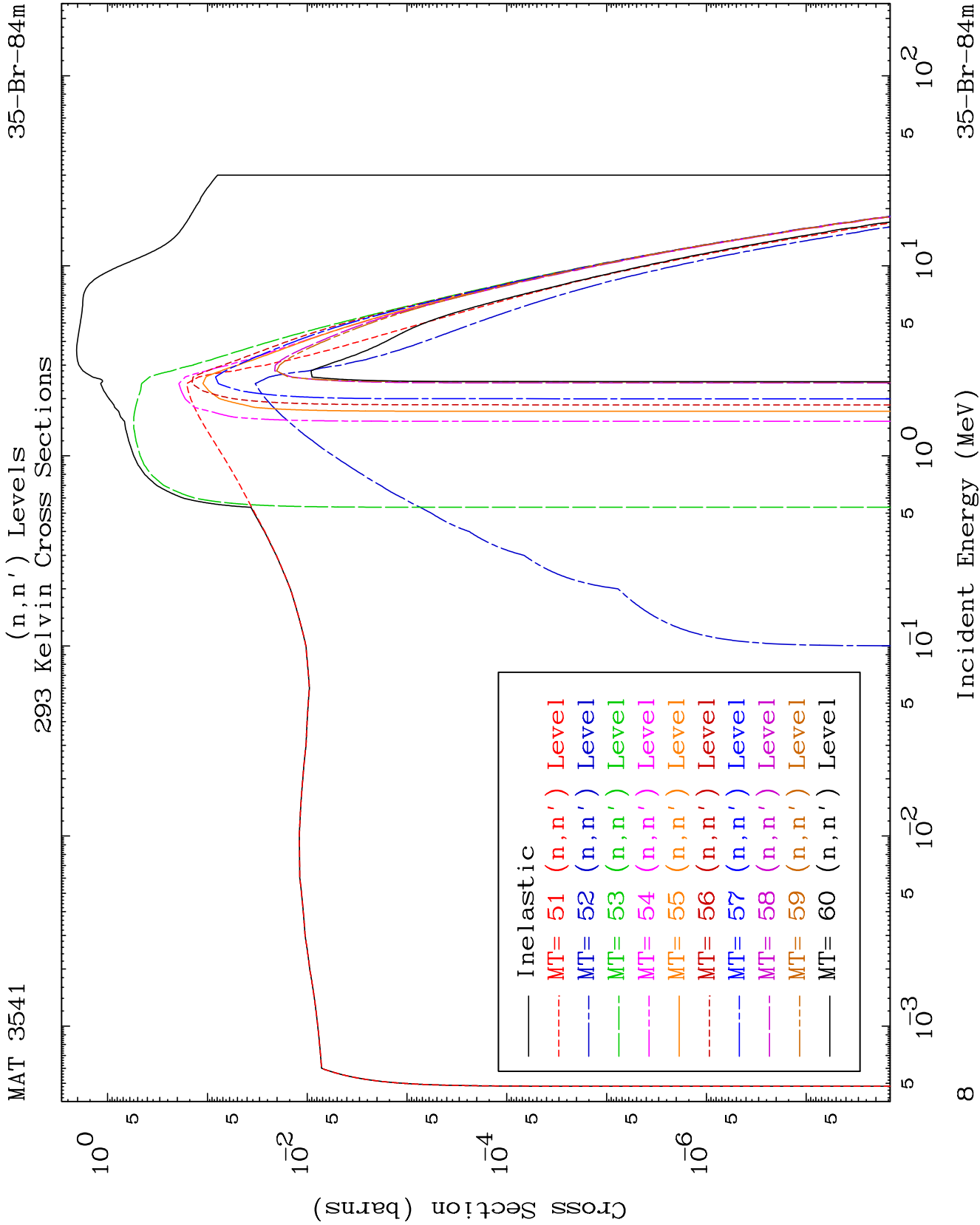


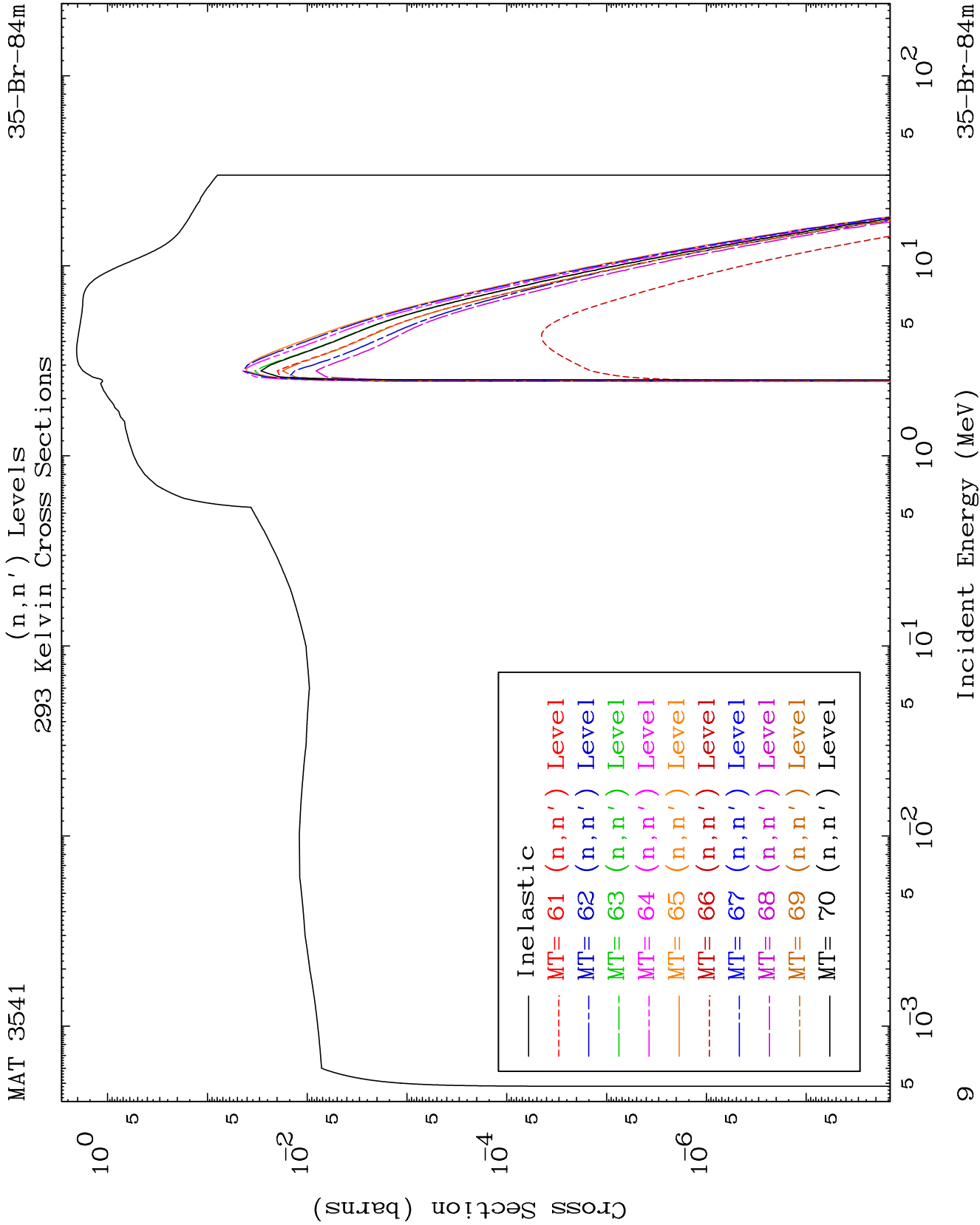
35-Br-84m









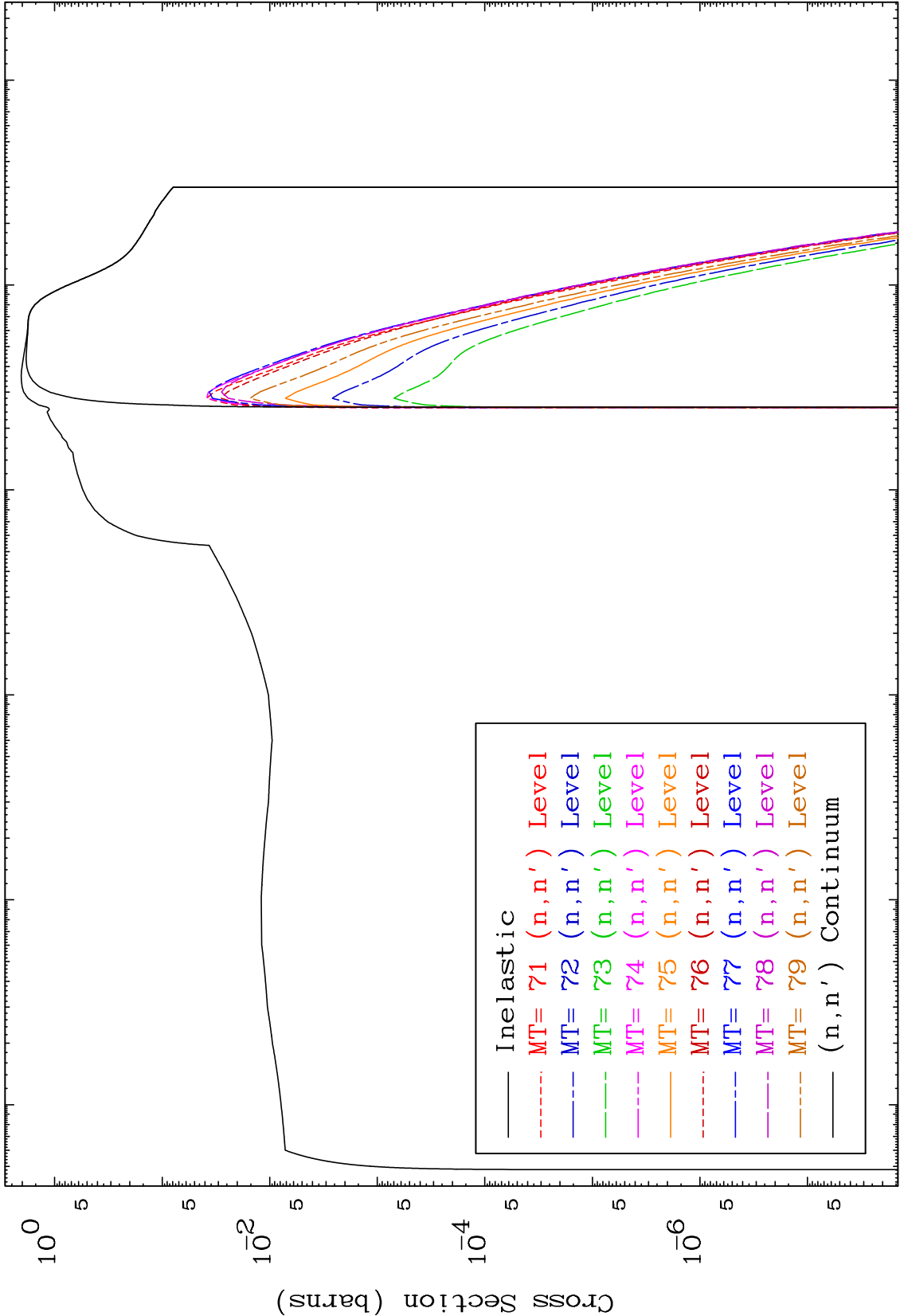


MAT 3541

(n,n') Levels

293 Kelvin Cross Sections

35-Br-84m



10

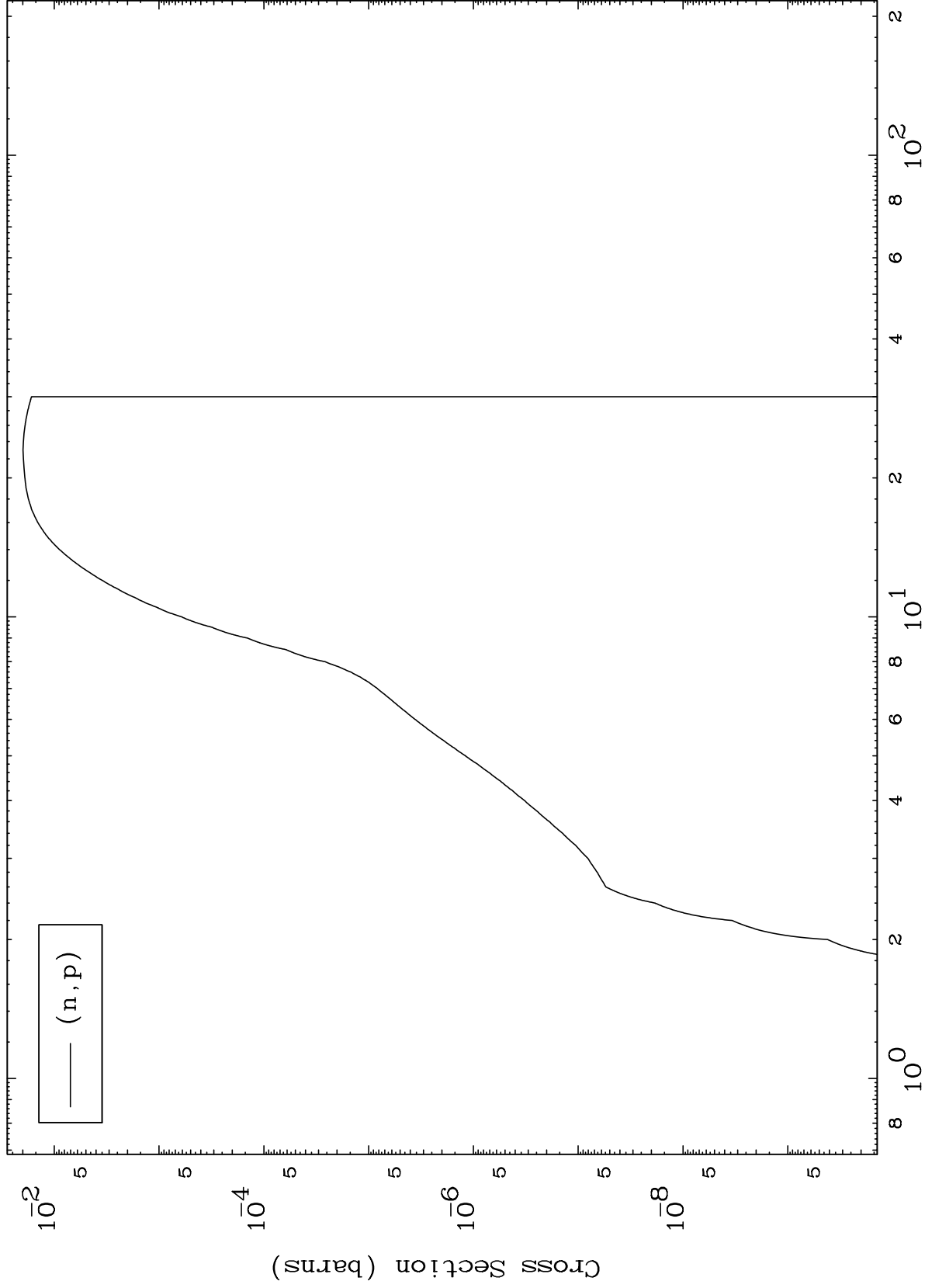
Incident Energy (MeV)

35-Br-84m

MAT 3541

35-Br-84m

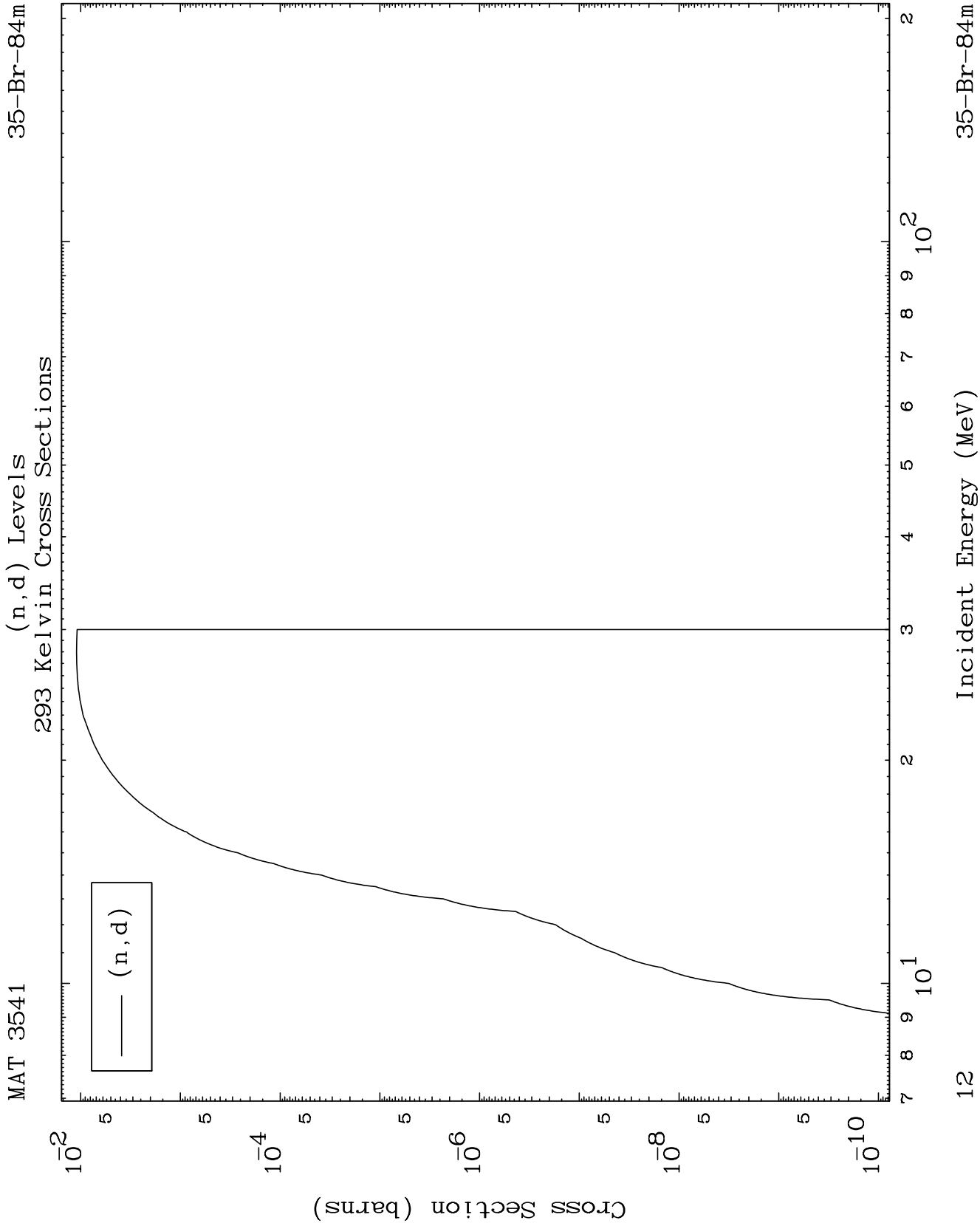
(n,p) Levels
293 Kelvin Cross Sections



11

Incident Energy (MeV)

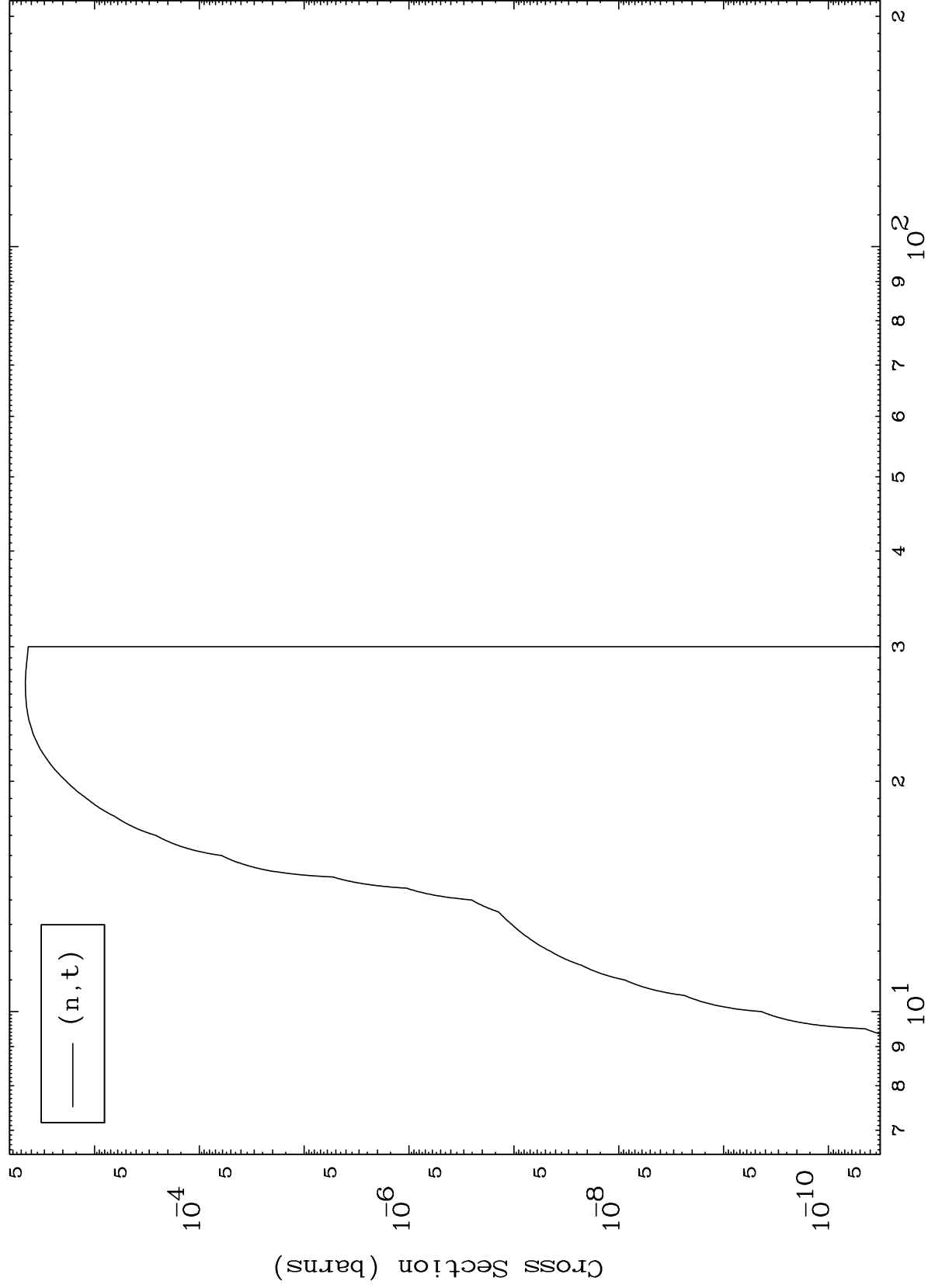
35-Br-84m



MAT 3541

(n,t) Levels
293 Kelvin Cross Sections

35-Br-84m



13

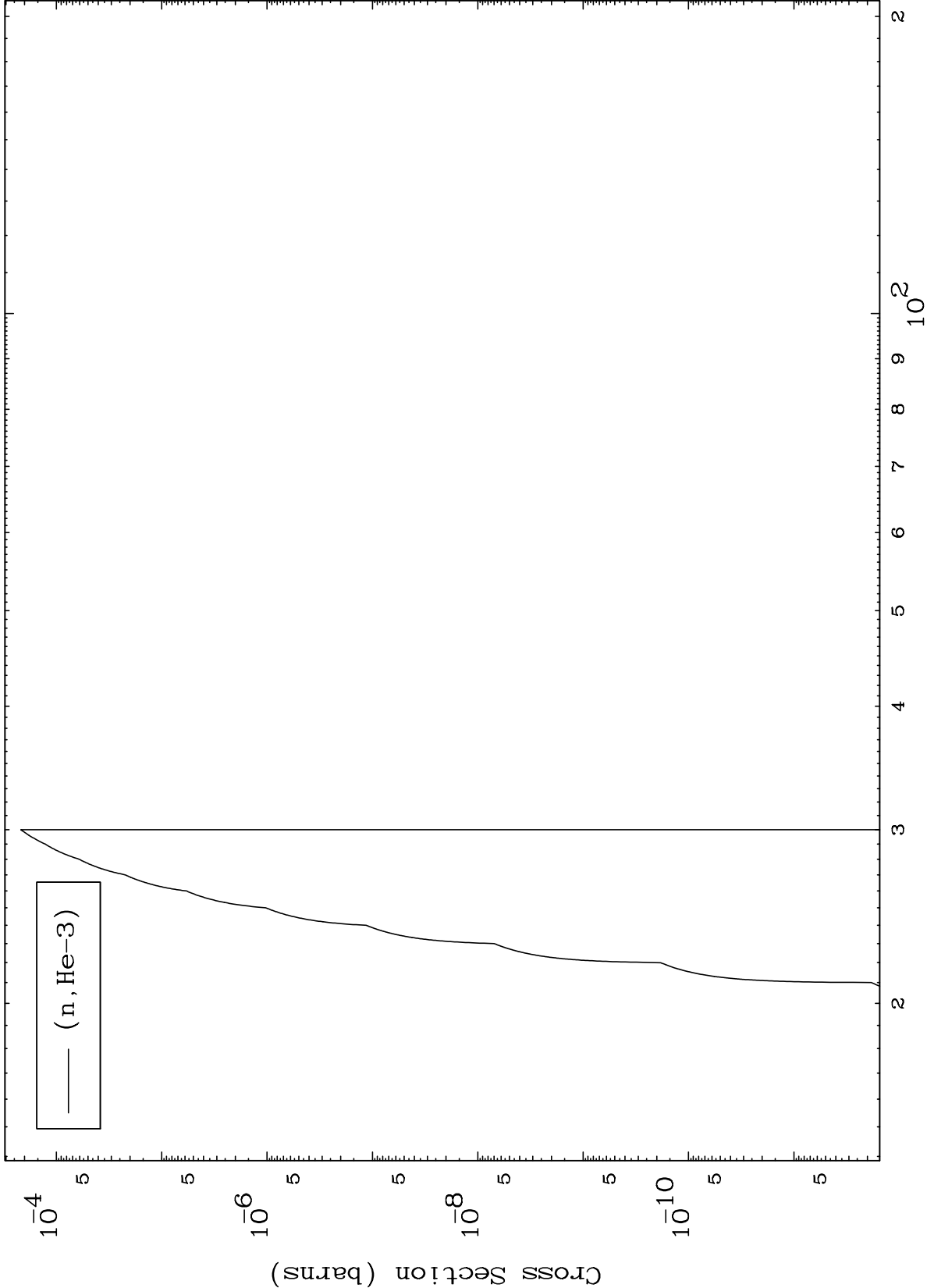
Incident Energy (MeV)

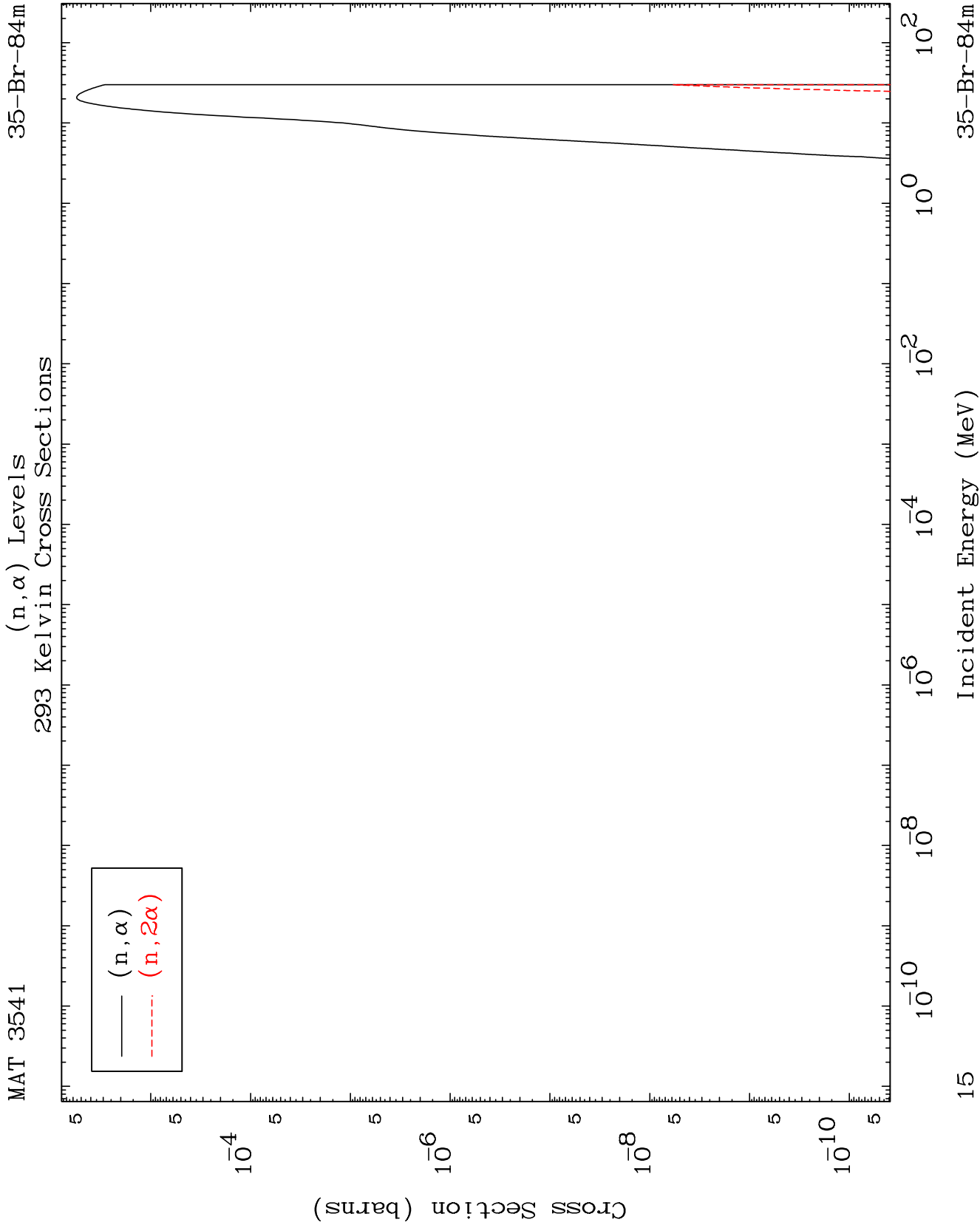
35-Br-84m

MAT 3541

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-84m

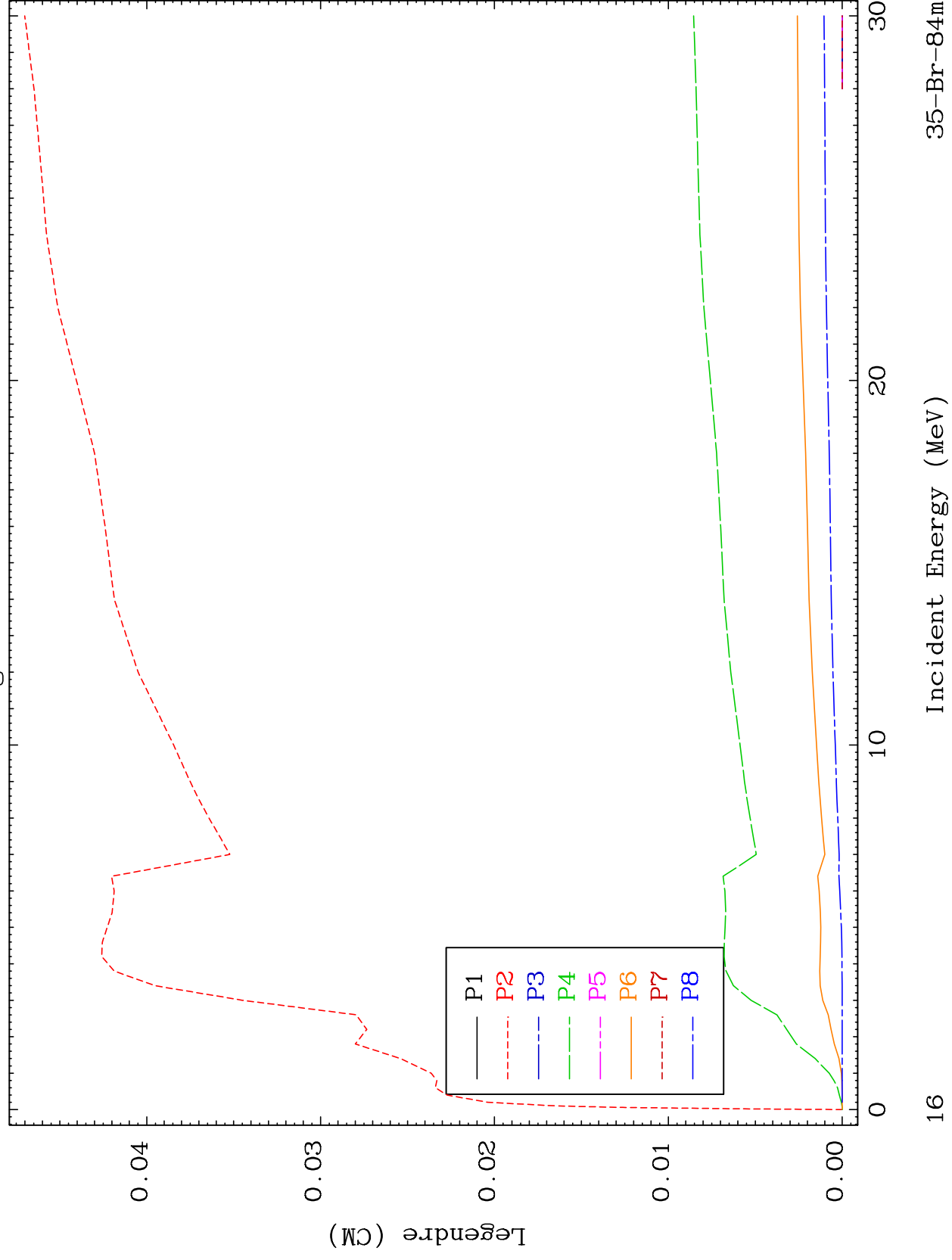


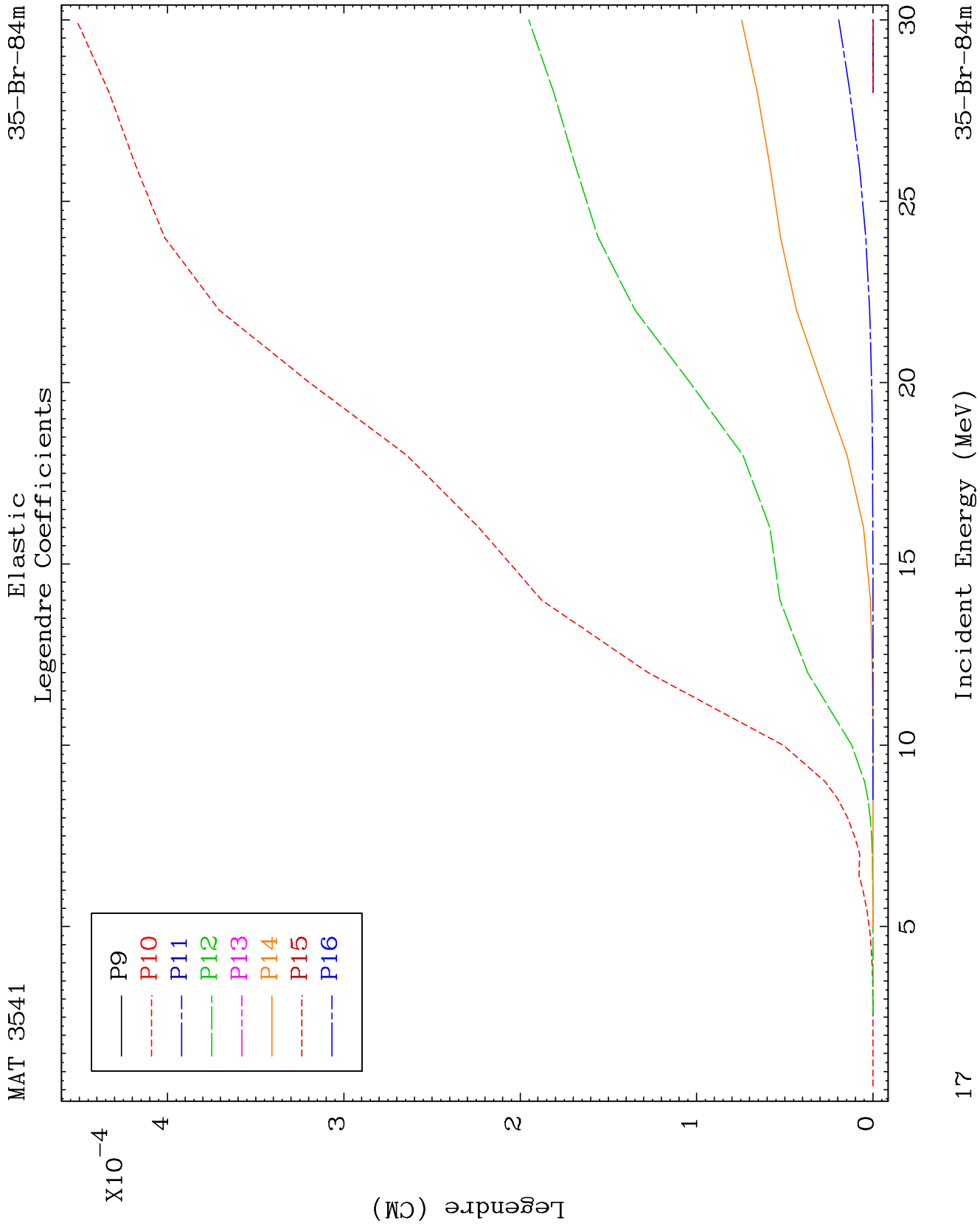


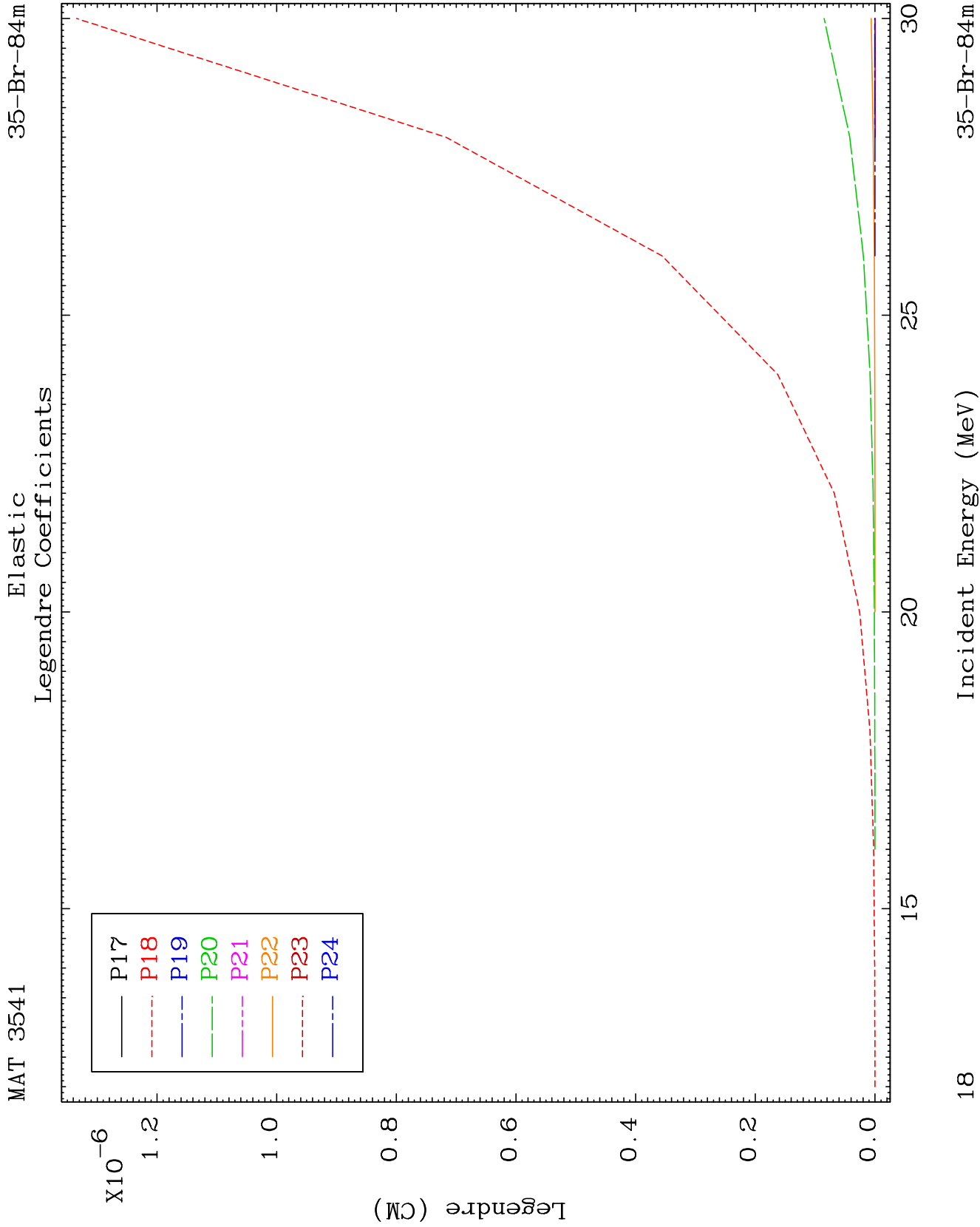
MAT 3541

35-Br-84m

Elastic Legendre Coefficients



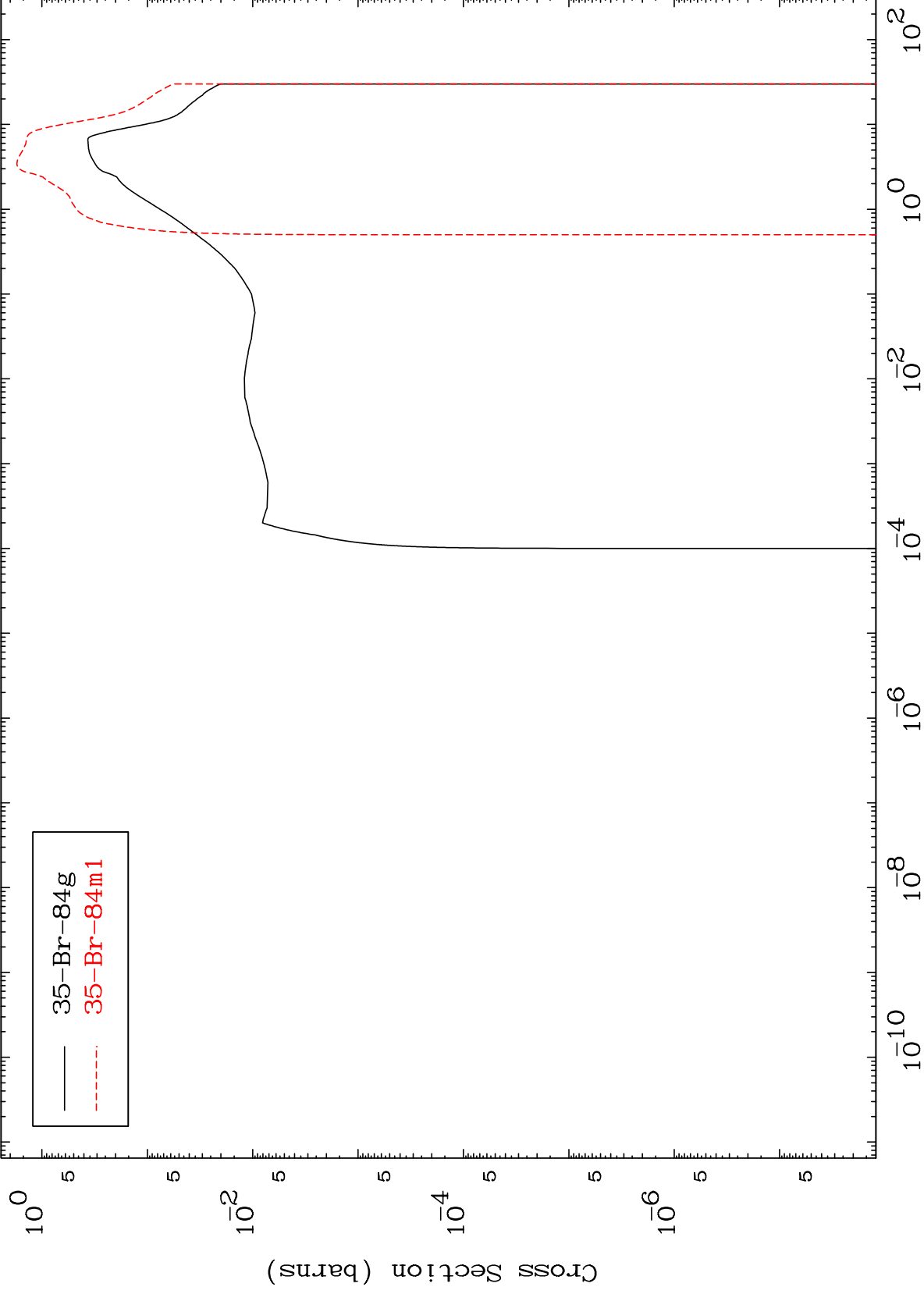




MAT 3541

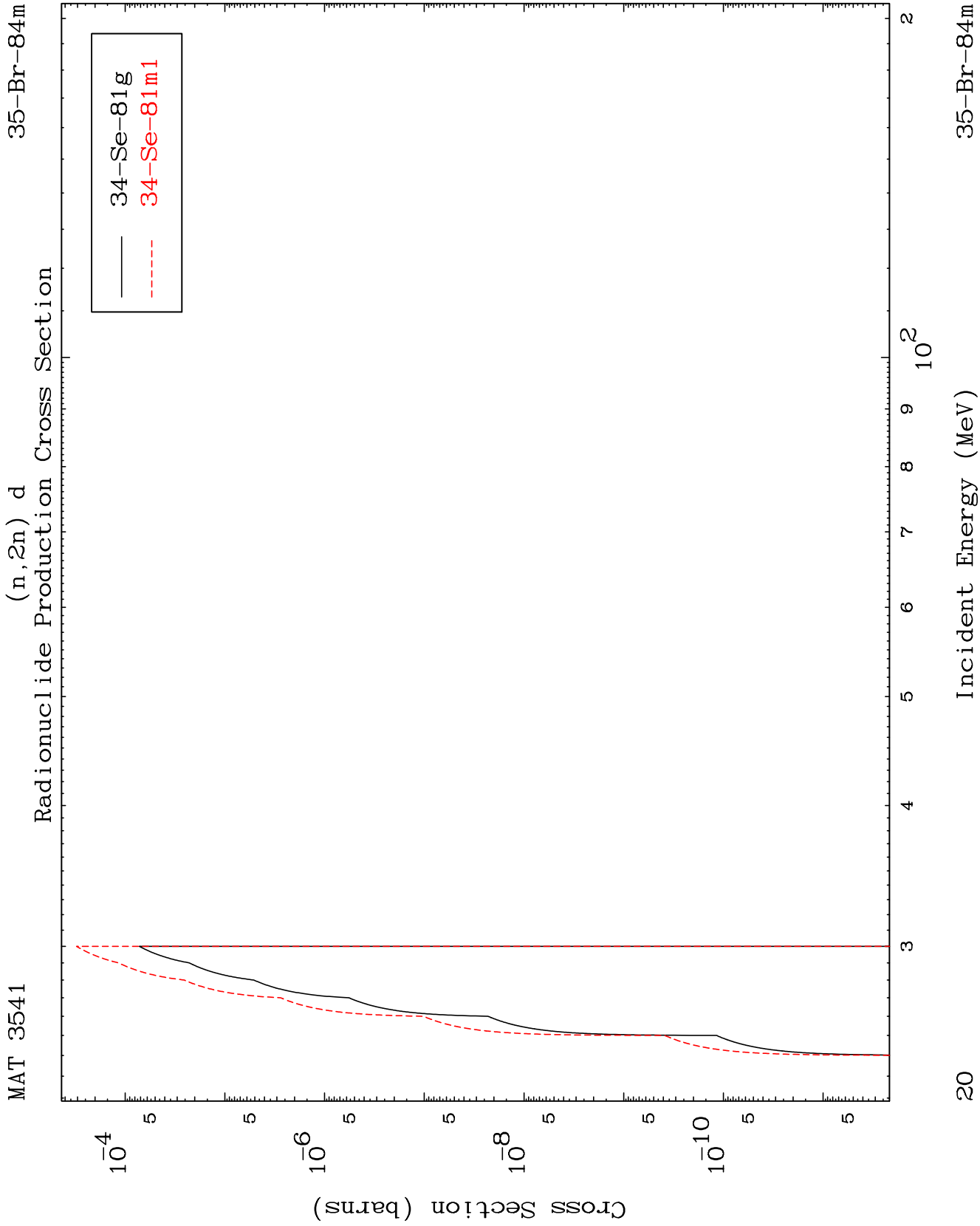
35-Br-84m

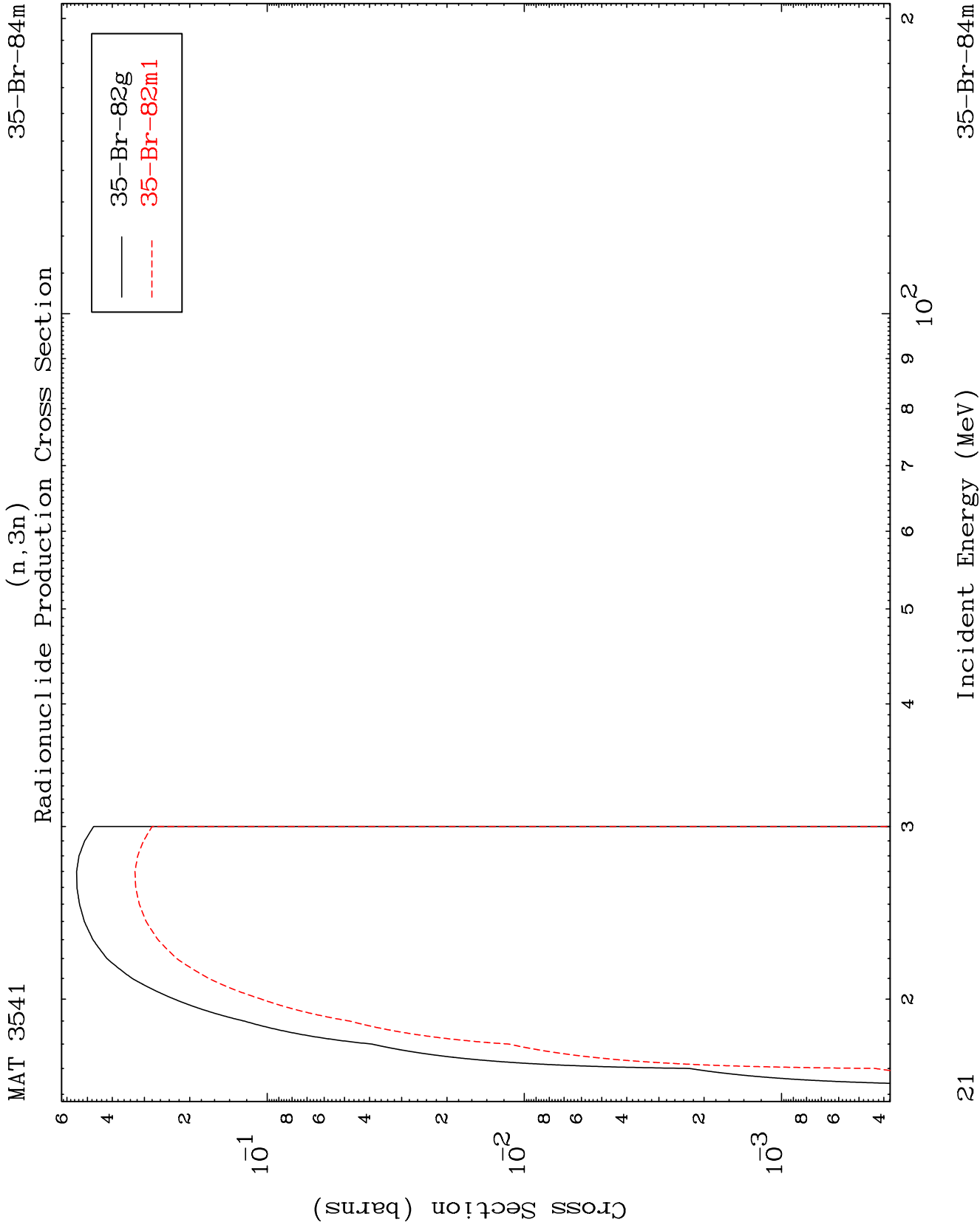
Inelastic
Radionuclide Production Cross Section

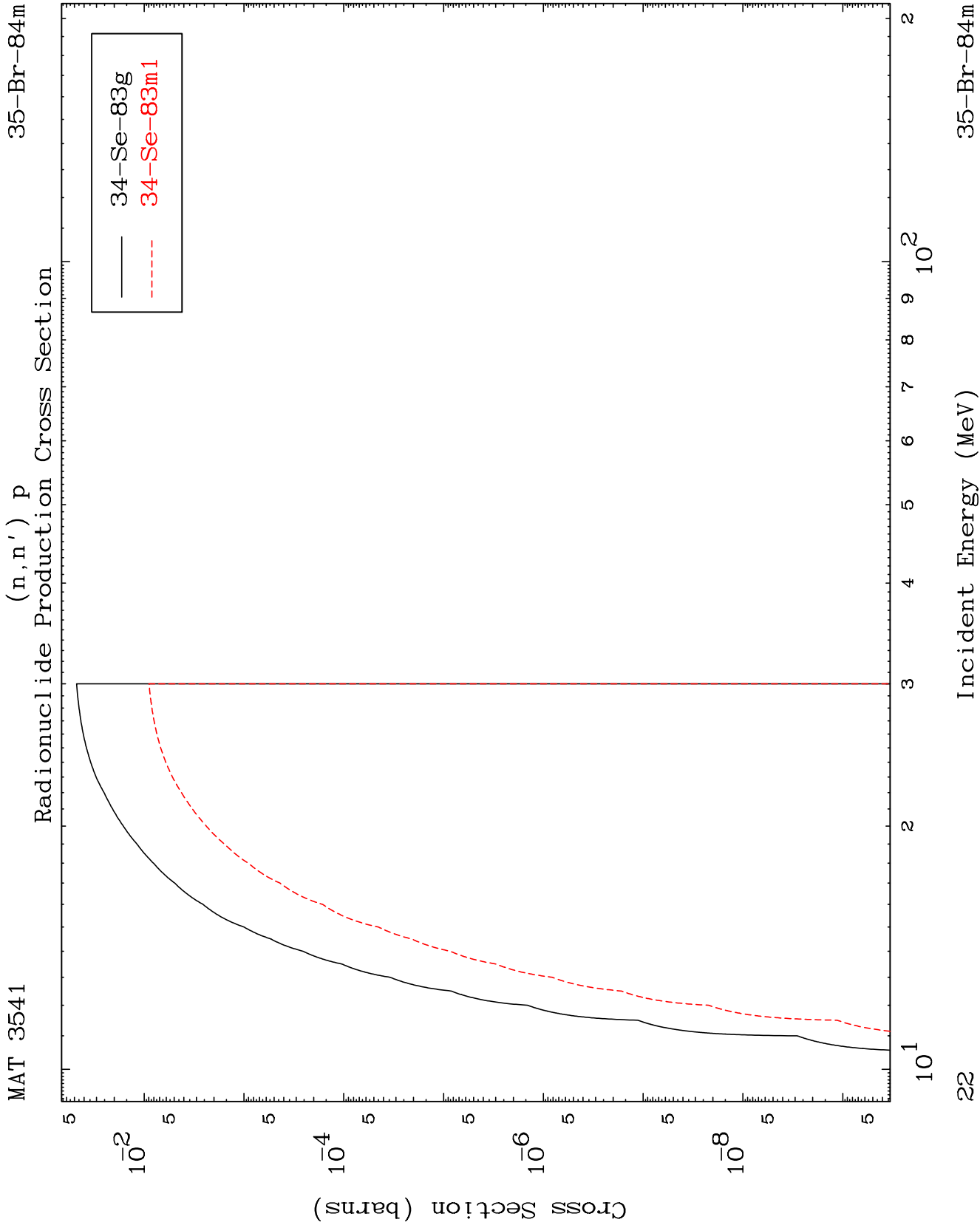


19

35-Br-84m



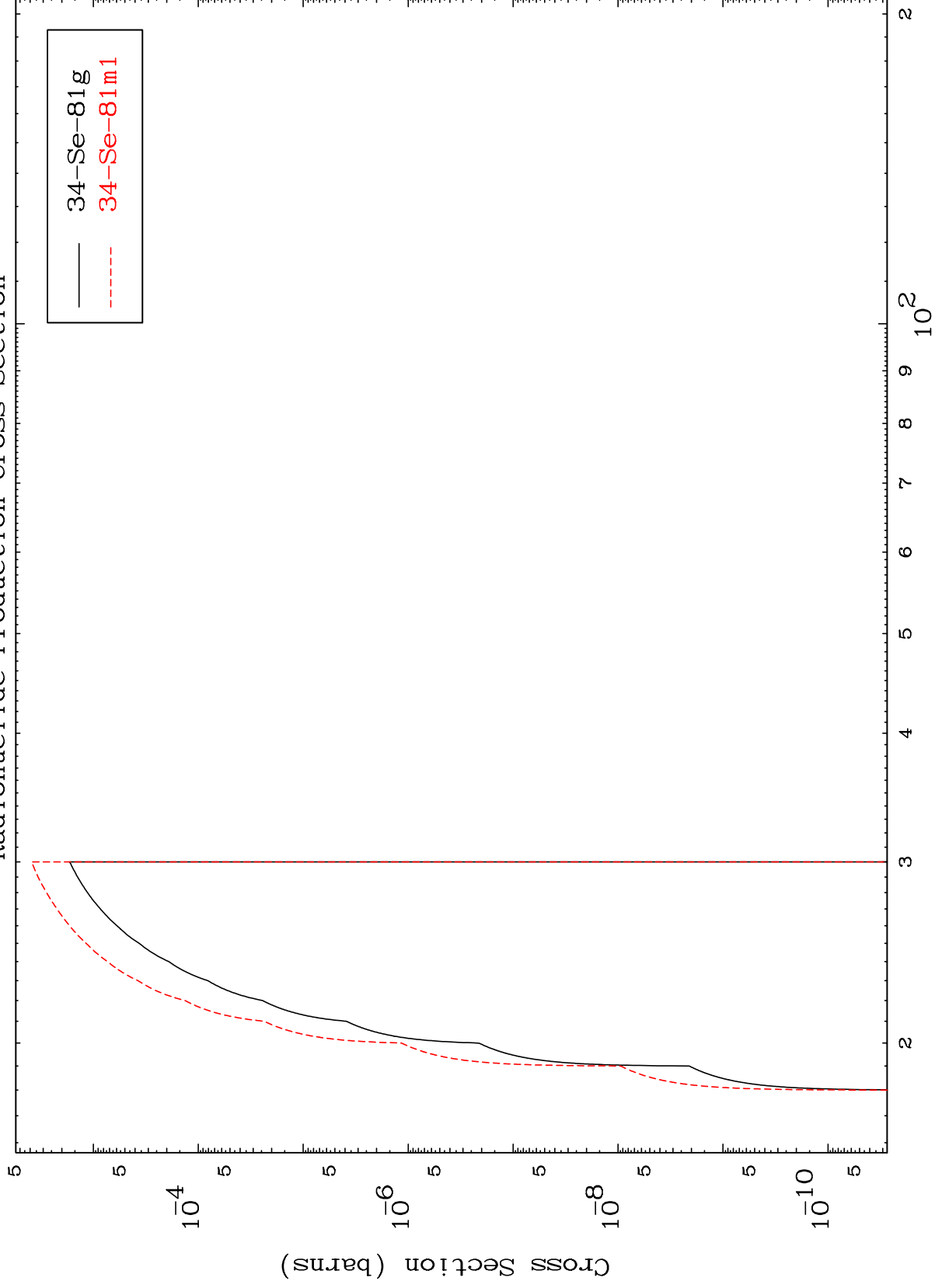




MAT 3541

³⁵Br-⁸⁴m

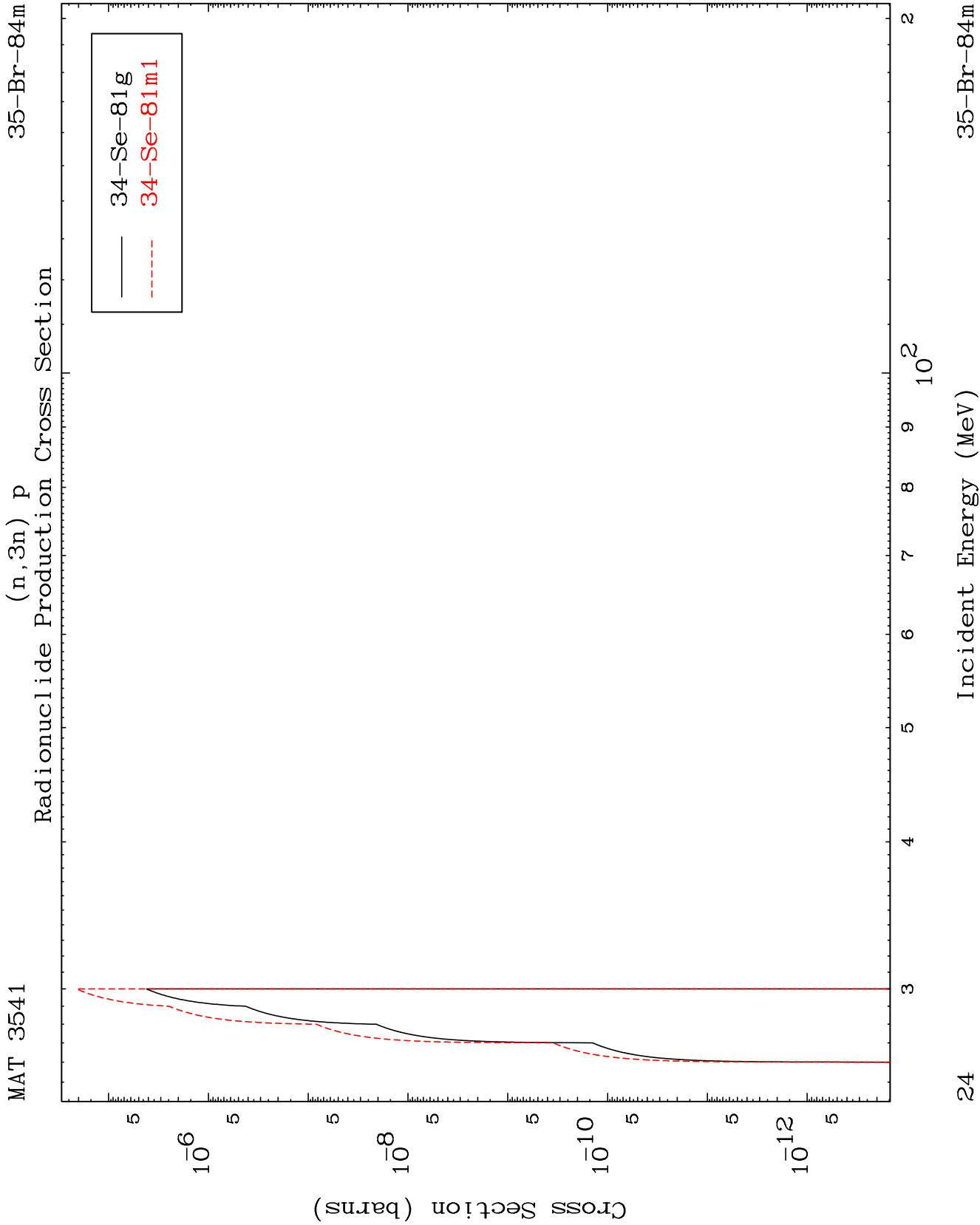
(n,n') t
Radionuclide Production Cross Section

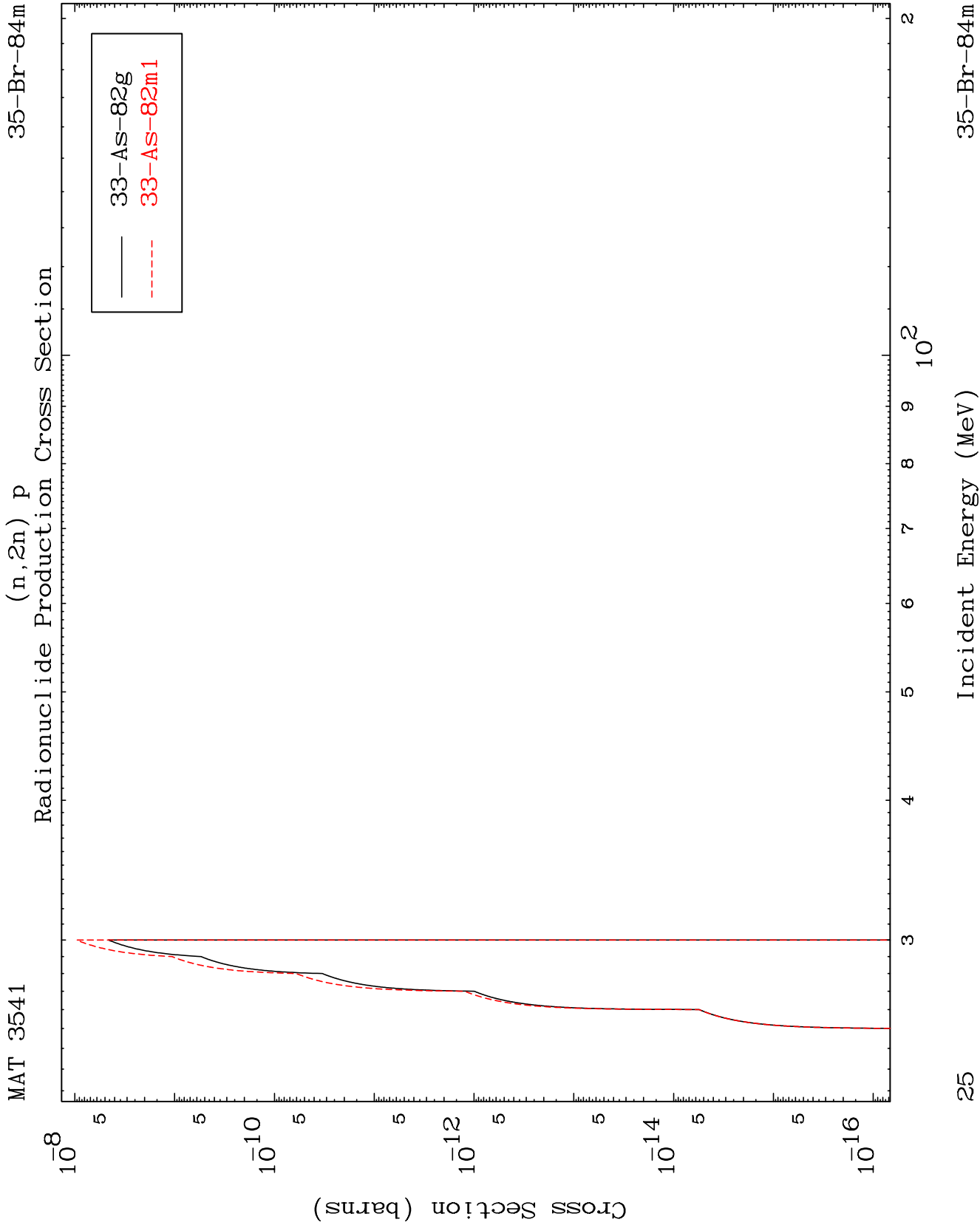


23

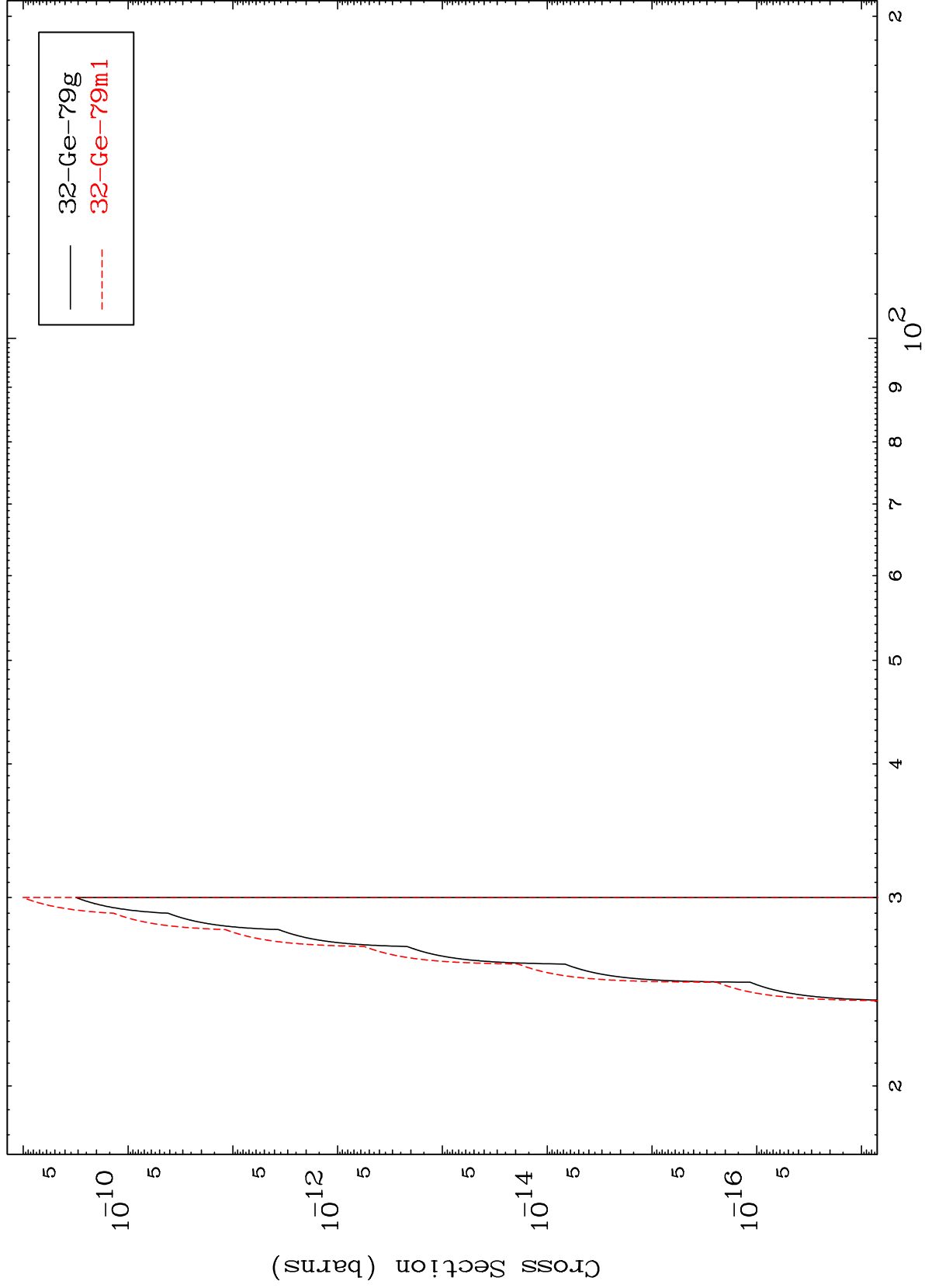
Incident Energy (MeV)

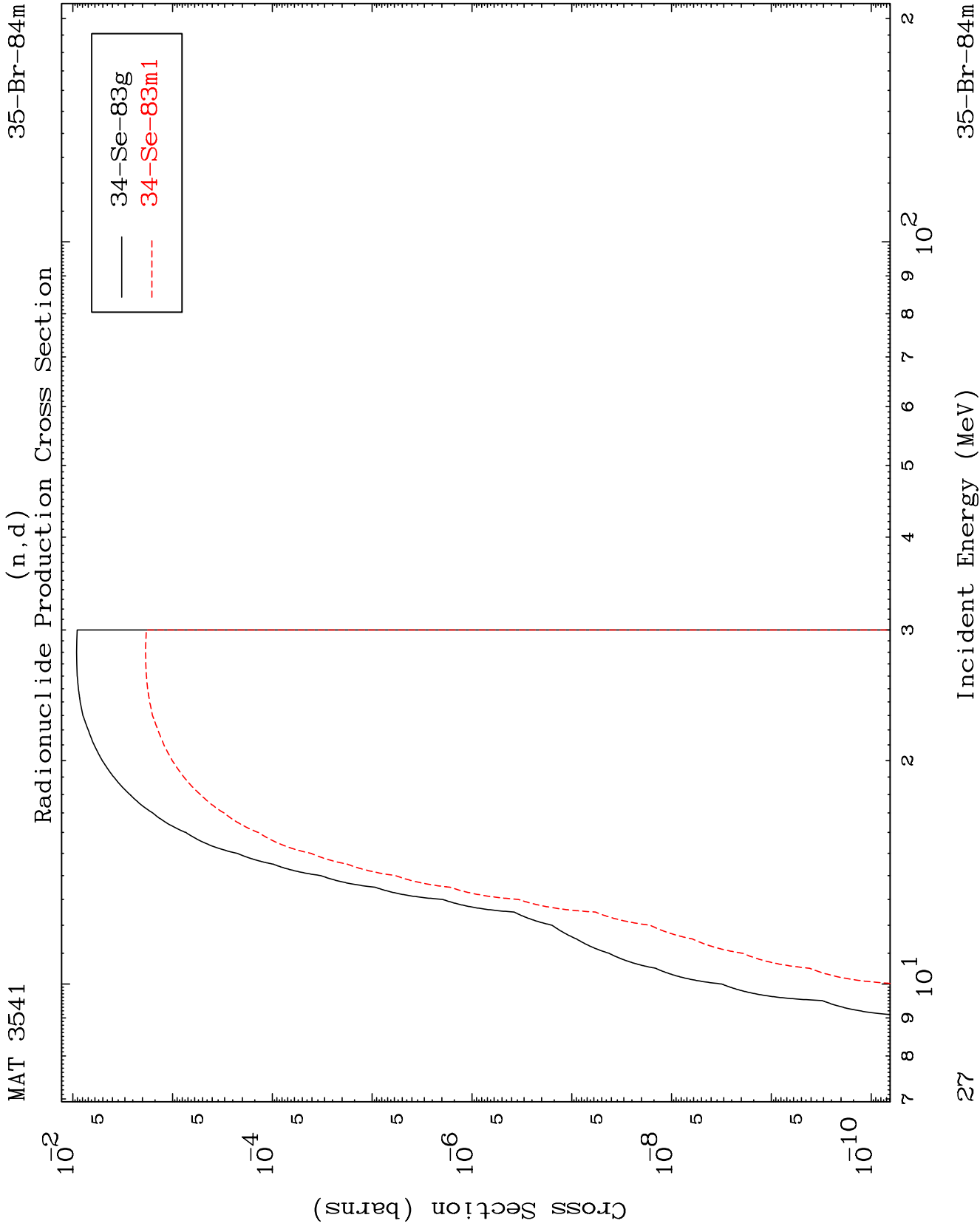
³⁵Br-⁸⁴m



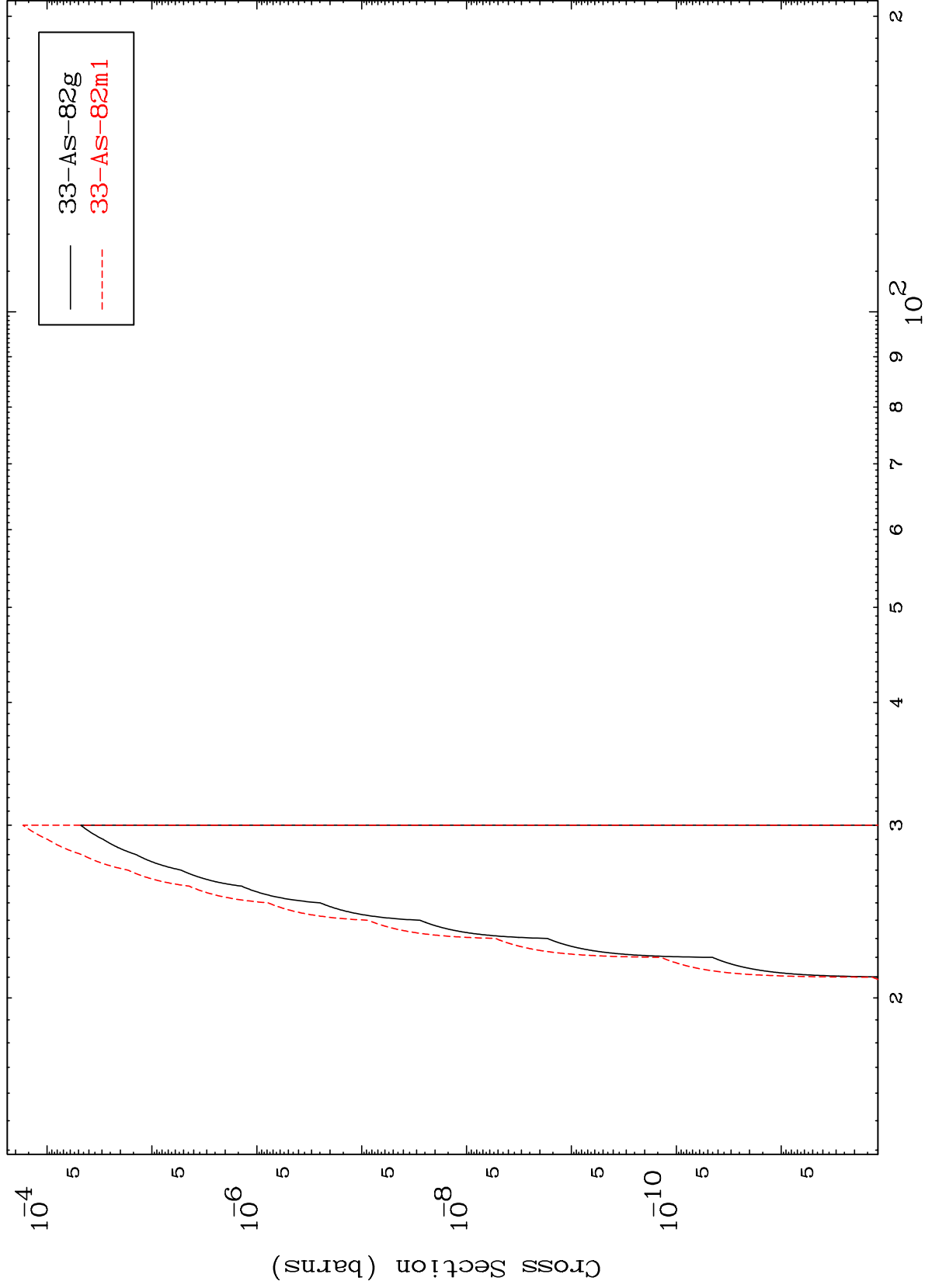


(n,n') p α
Radionuclide Production Cross Section





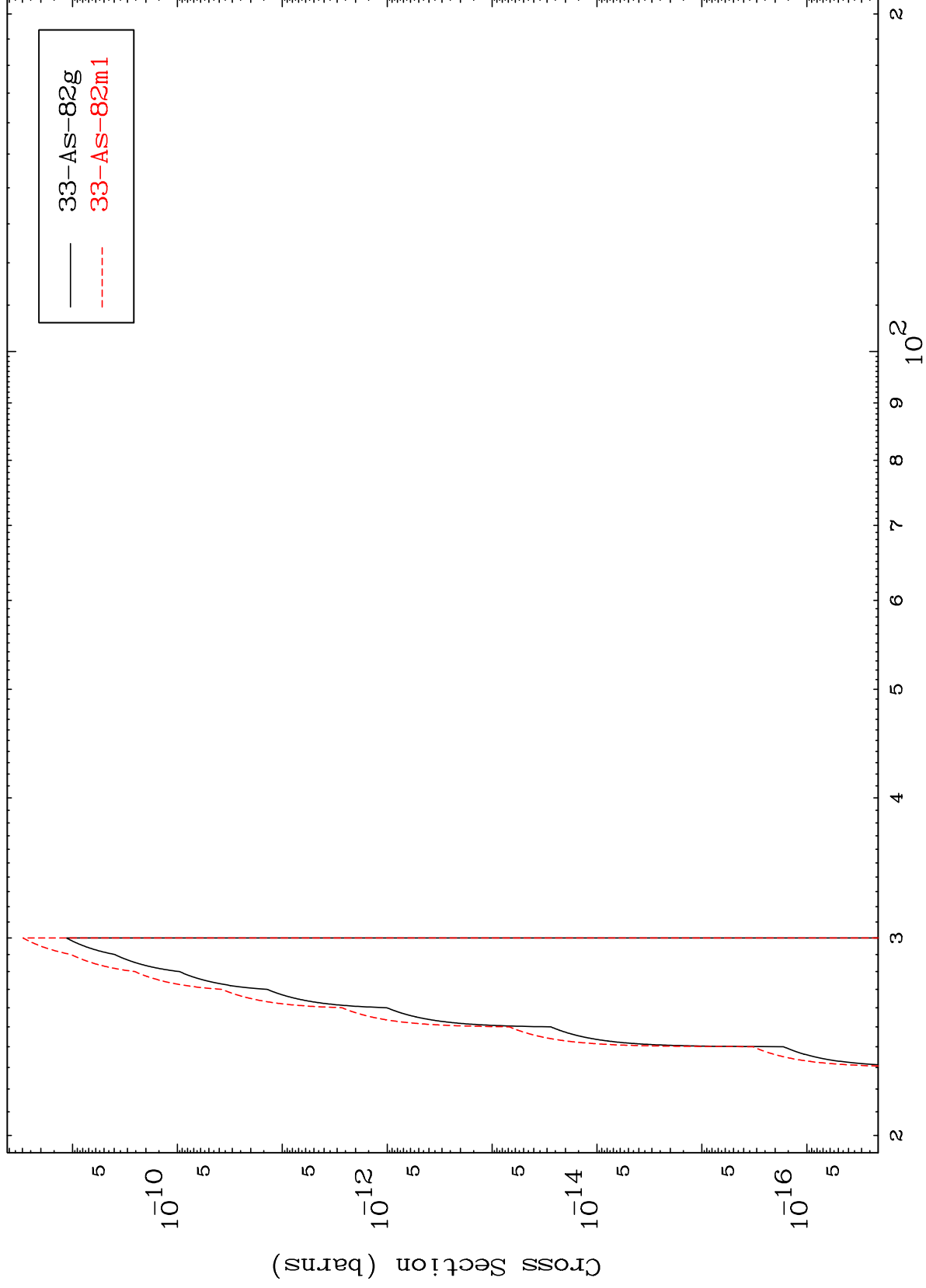
(n,He-3)
Radionuclide Production Cross Section



MAT 3541

³⁵Br-⁸⁴m

(n,p) d
Radionuclide Production Cross Section



29

³⁵Br-⁸⁴m