

Program EVALPLOT
(Version 2021-1)

by

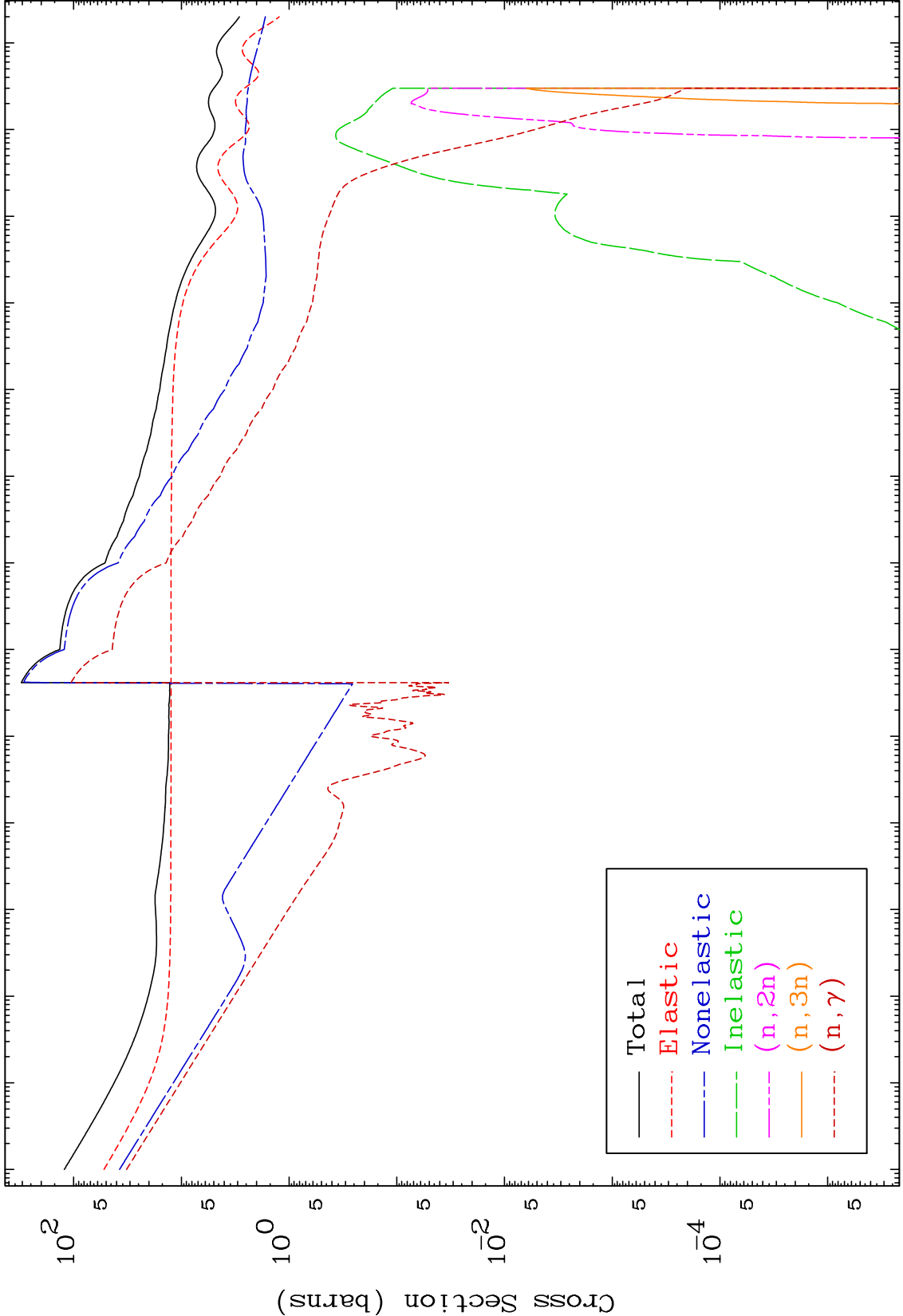
Dermott E. Cullen
(Present Contact Information)

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

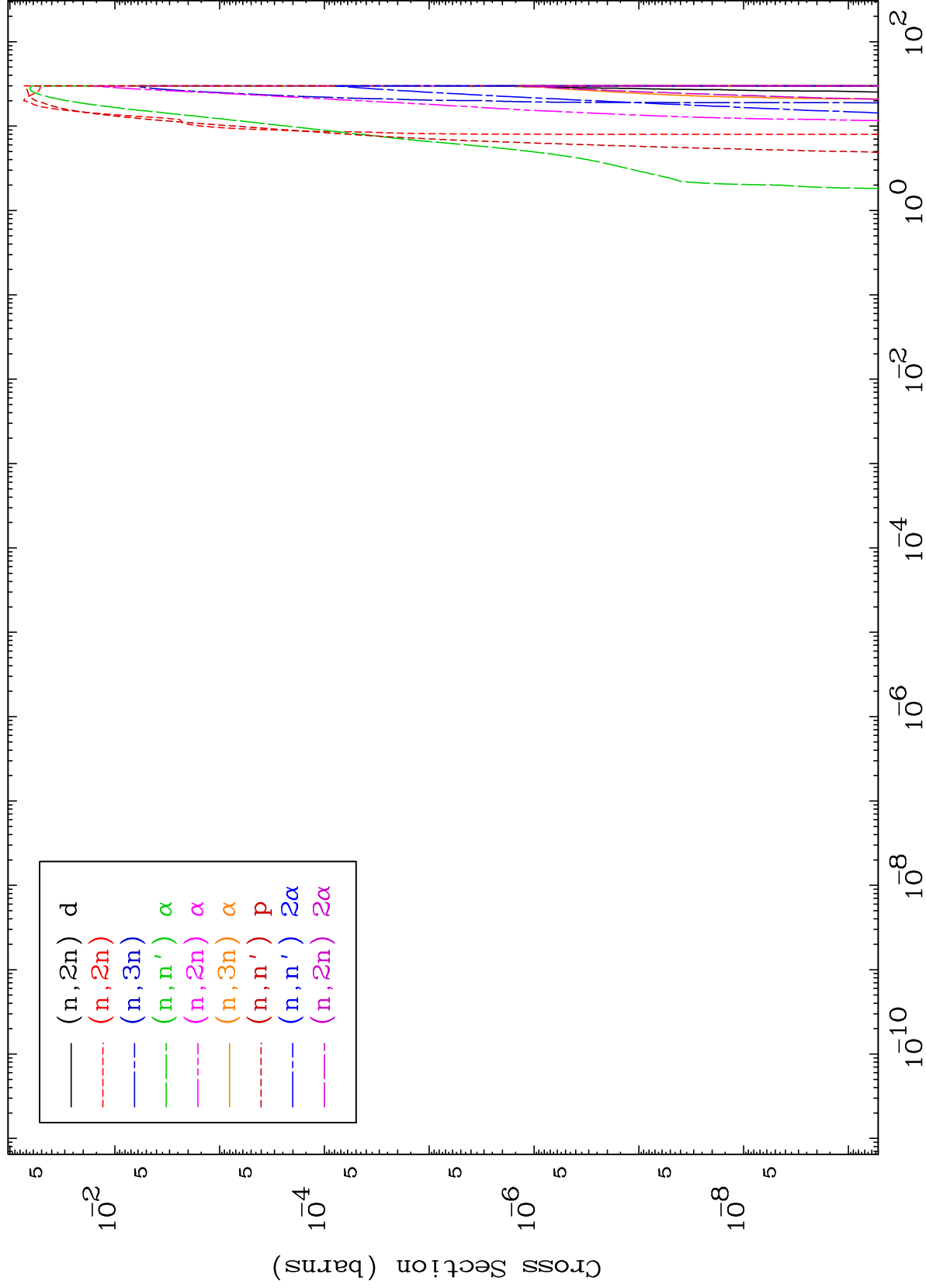
Press Mouse Button to Start

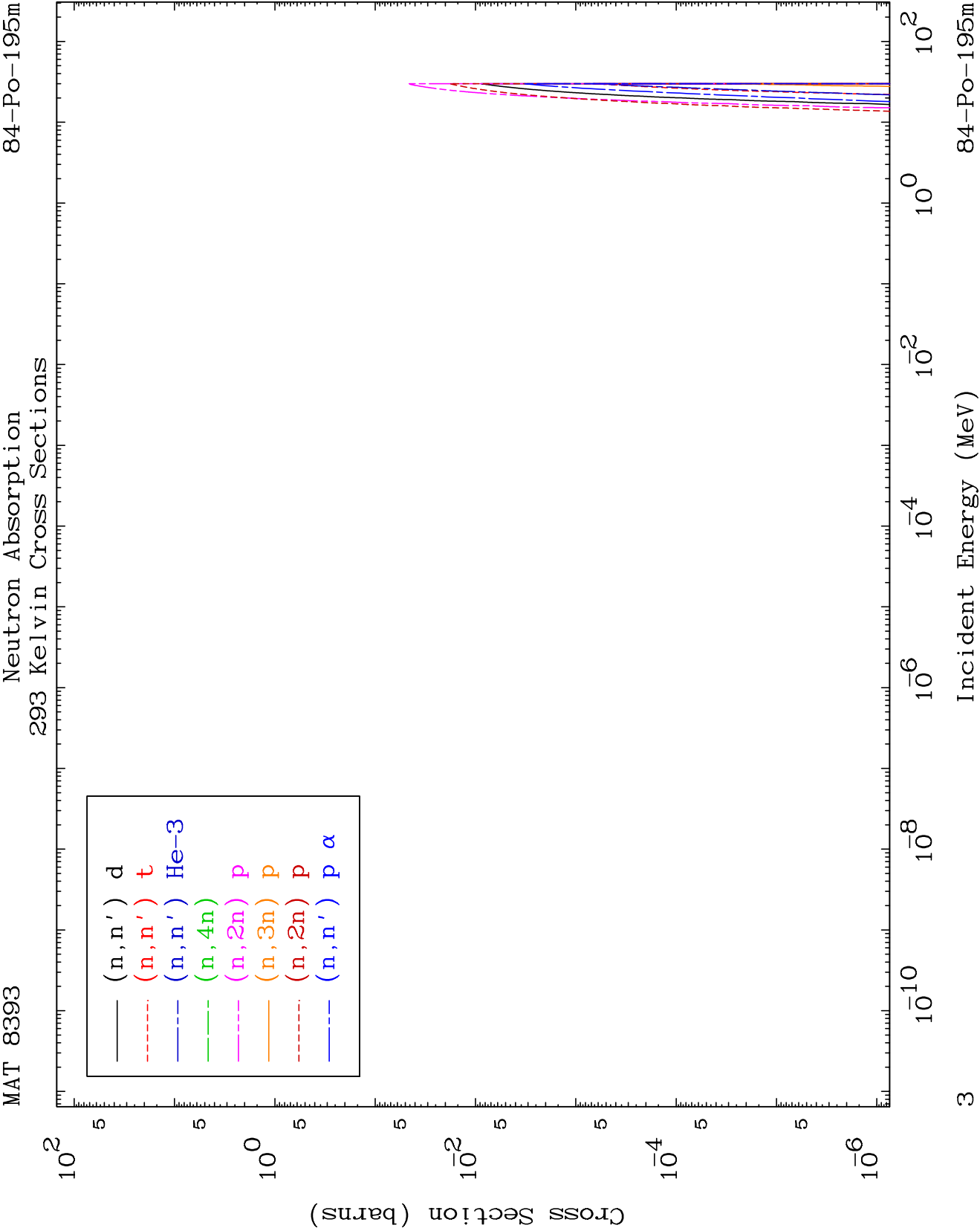


MAT 8393

Neutron Absorption
293 Kelvin Cross Sections

84-Po-195m

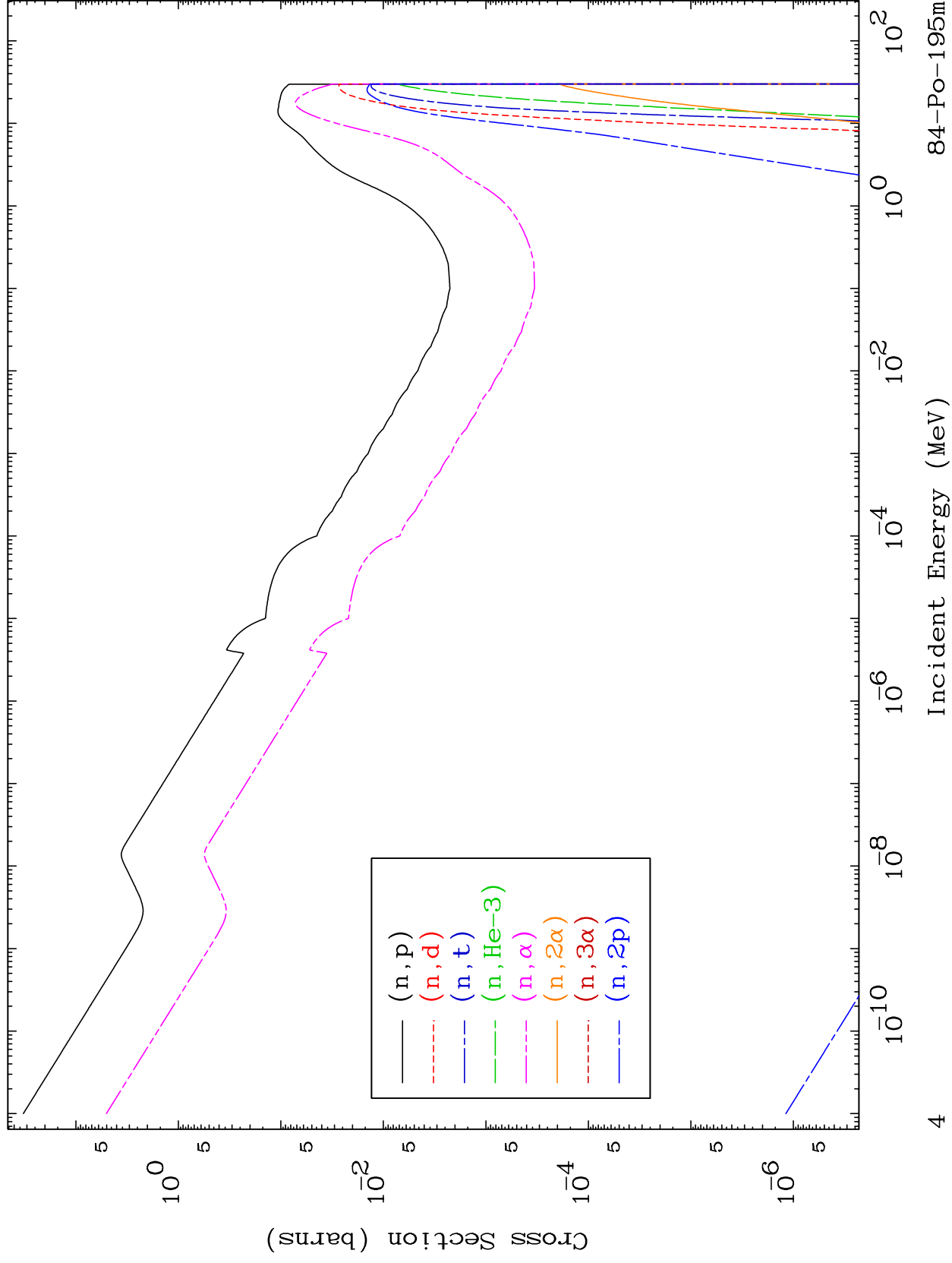




MAT 8393

Neutron Absorption
293 Kelvin Cross Sections

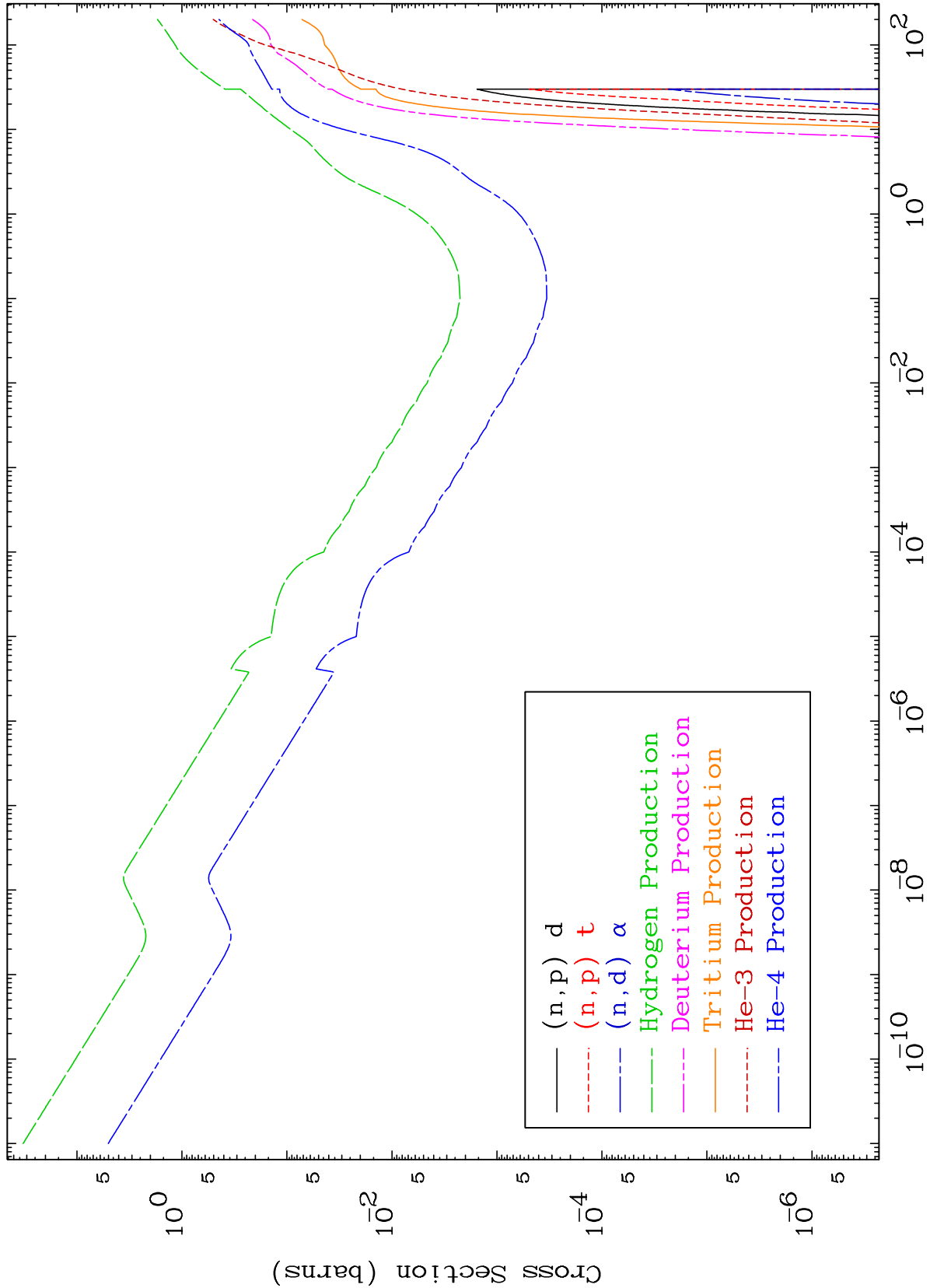
84-Po-195m



MAT 8393

Neutron Absorption
293 Kelvin Cross Sections

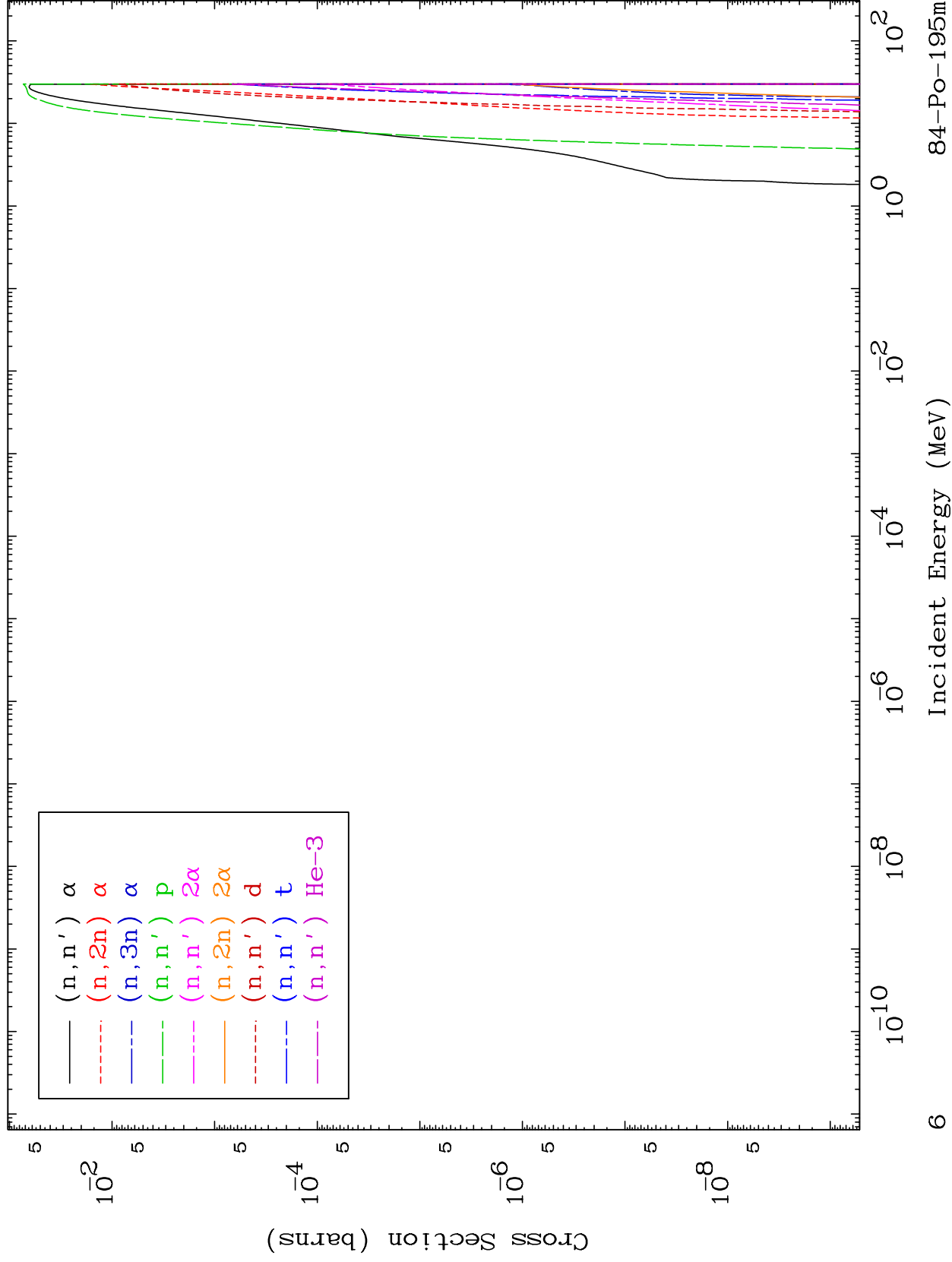
84-Po-195m

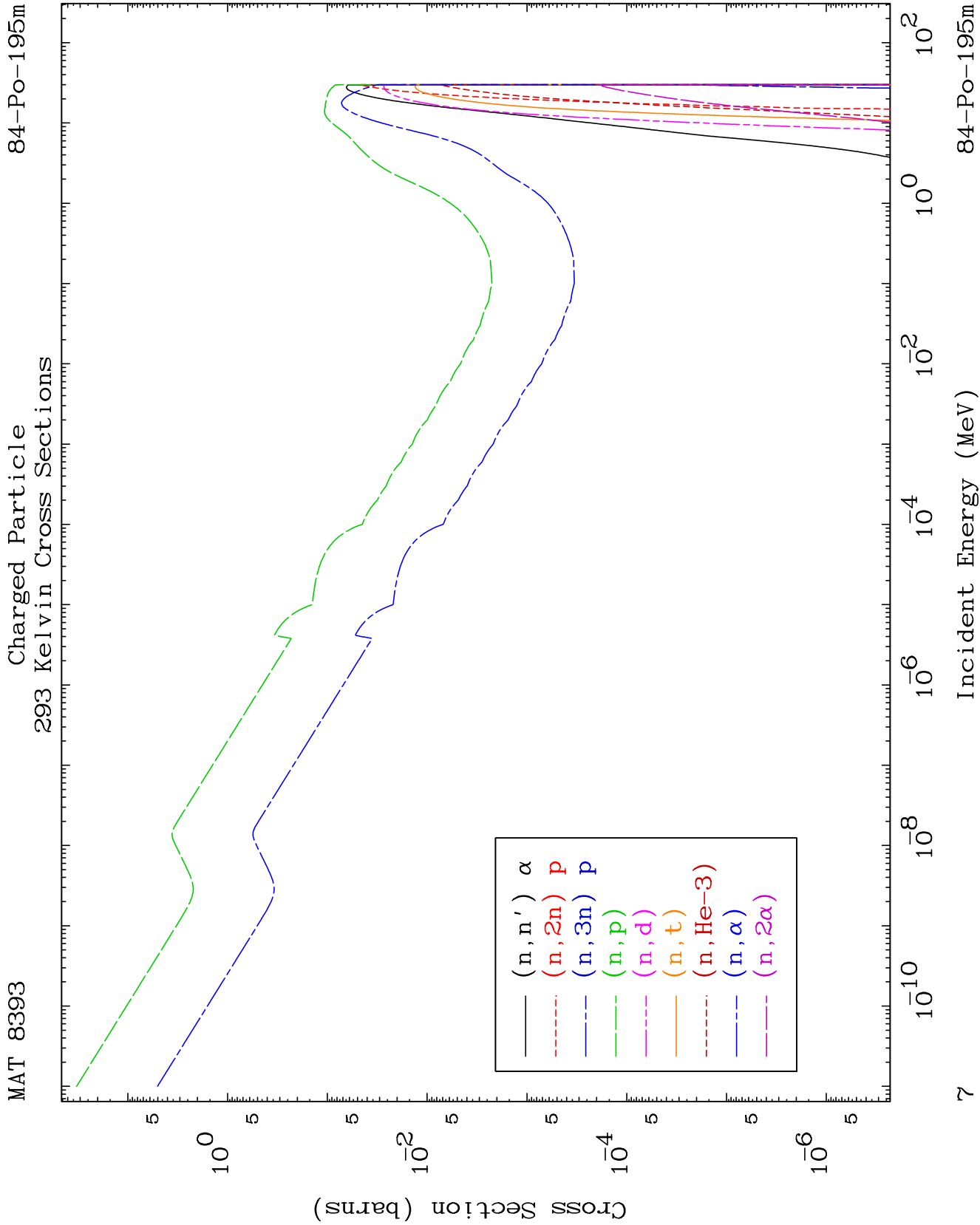


MAT 8393

Charged Particle
293 Kelvin Cross Sections

84-Po-195m

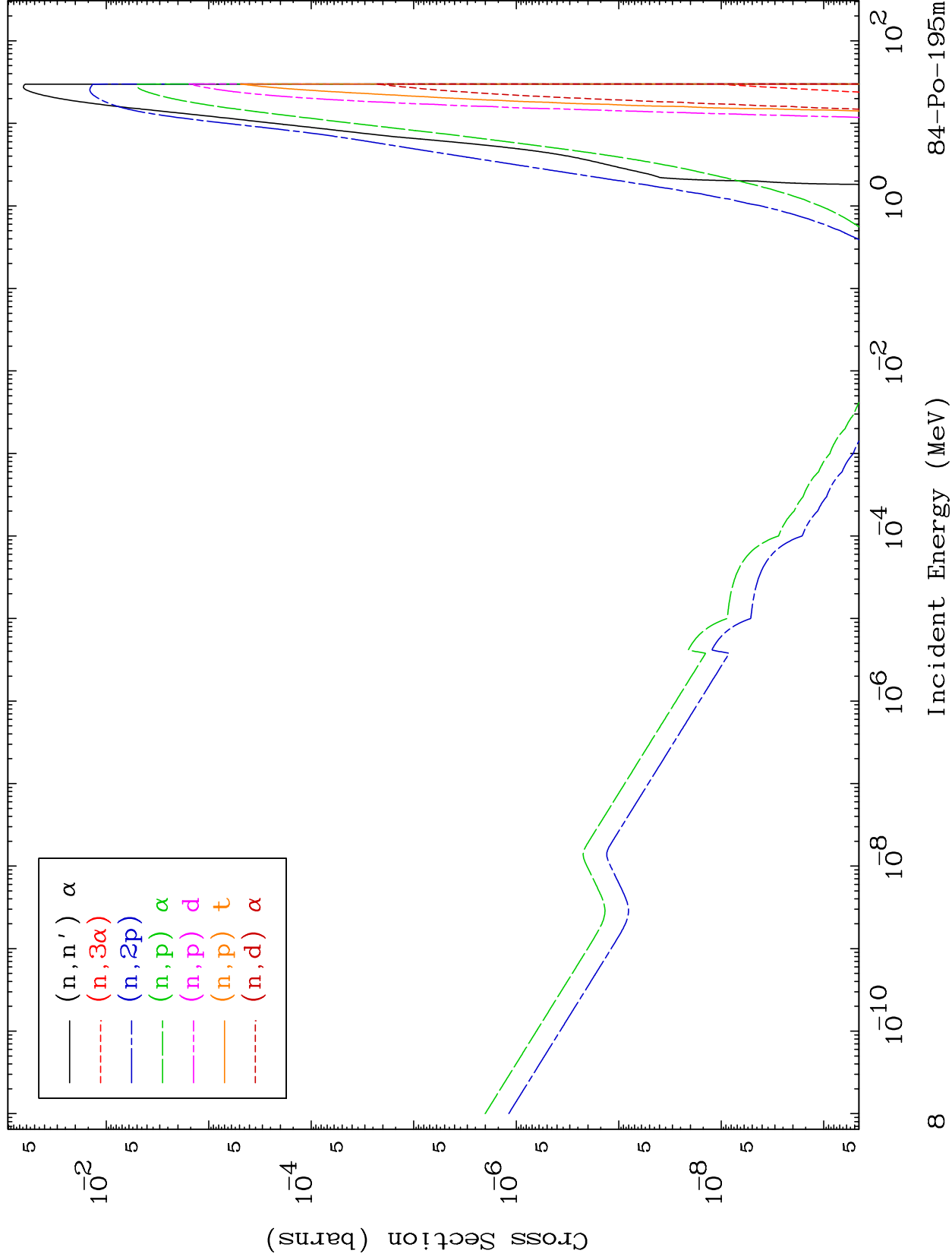


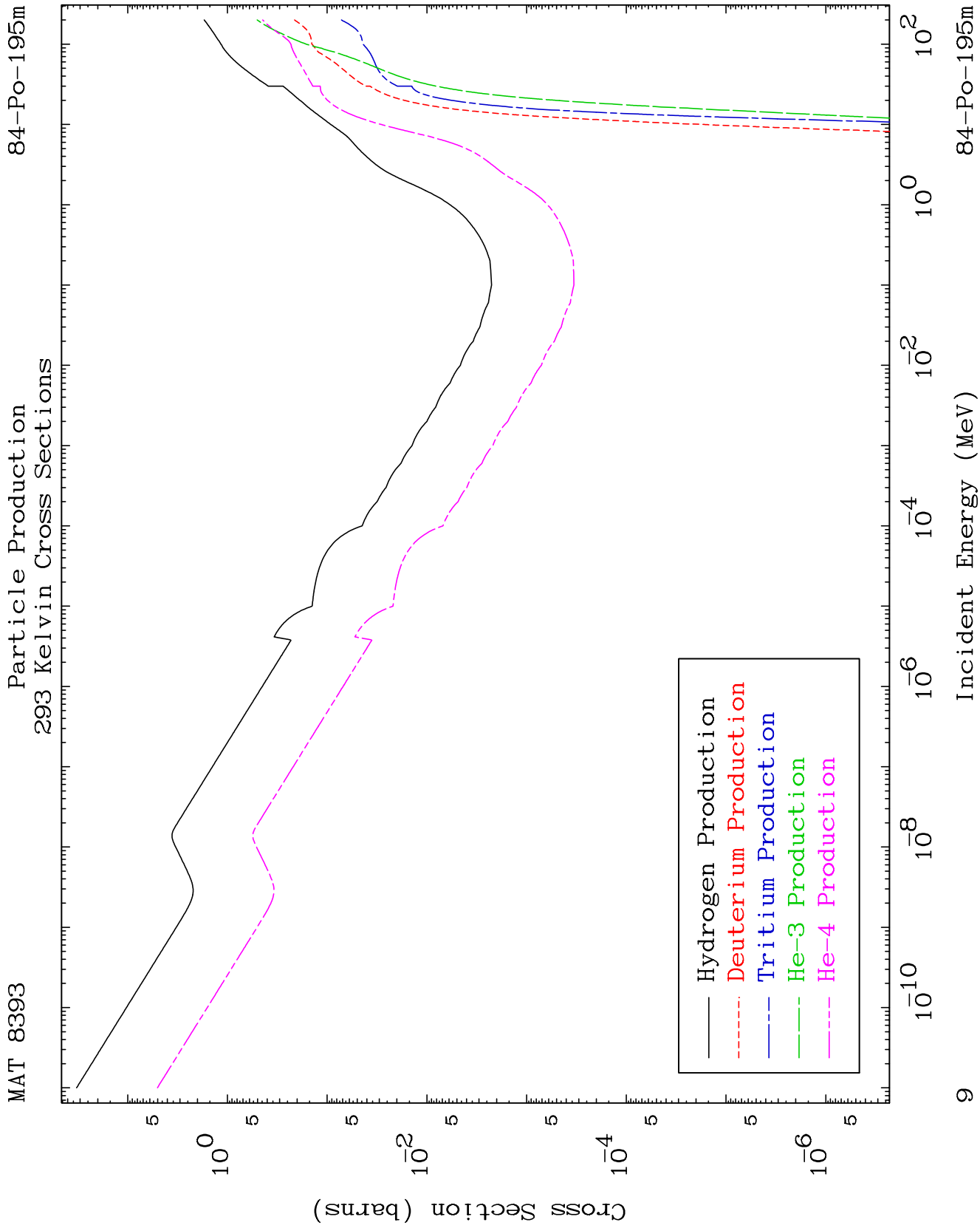


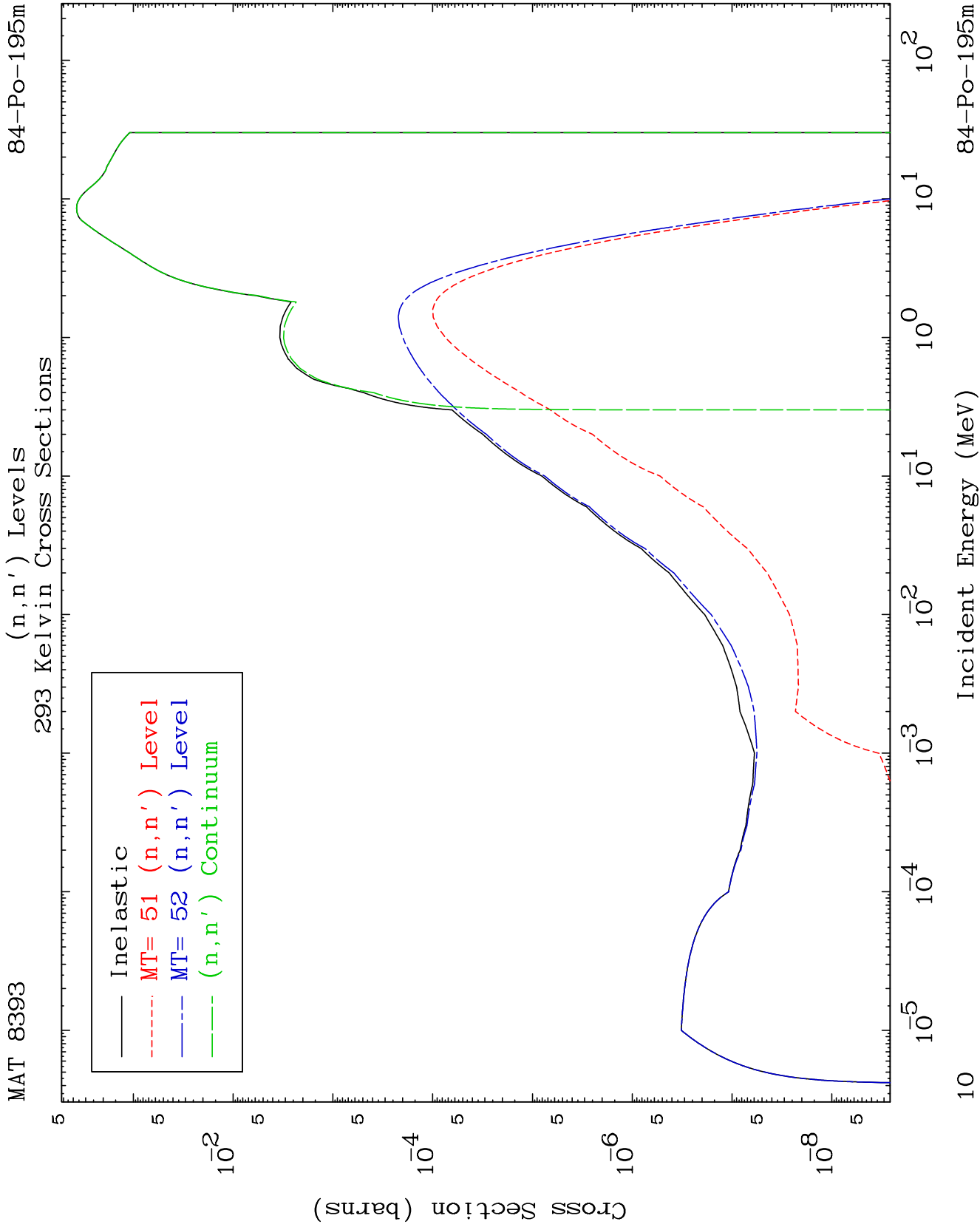
MAT 8393

Charged Particle
293 Kelvin Cross Sections

84-Po-195m



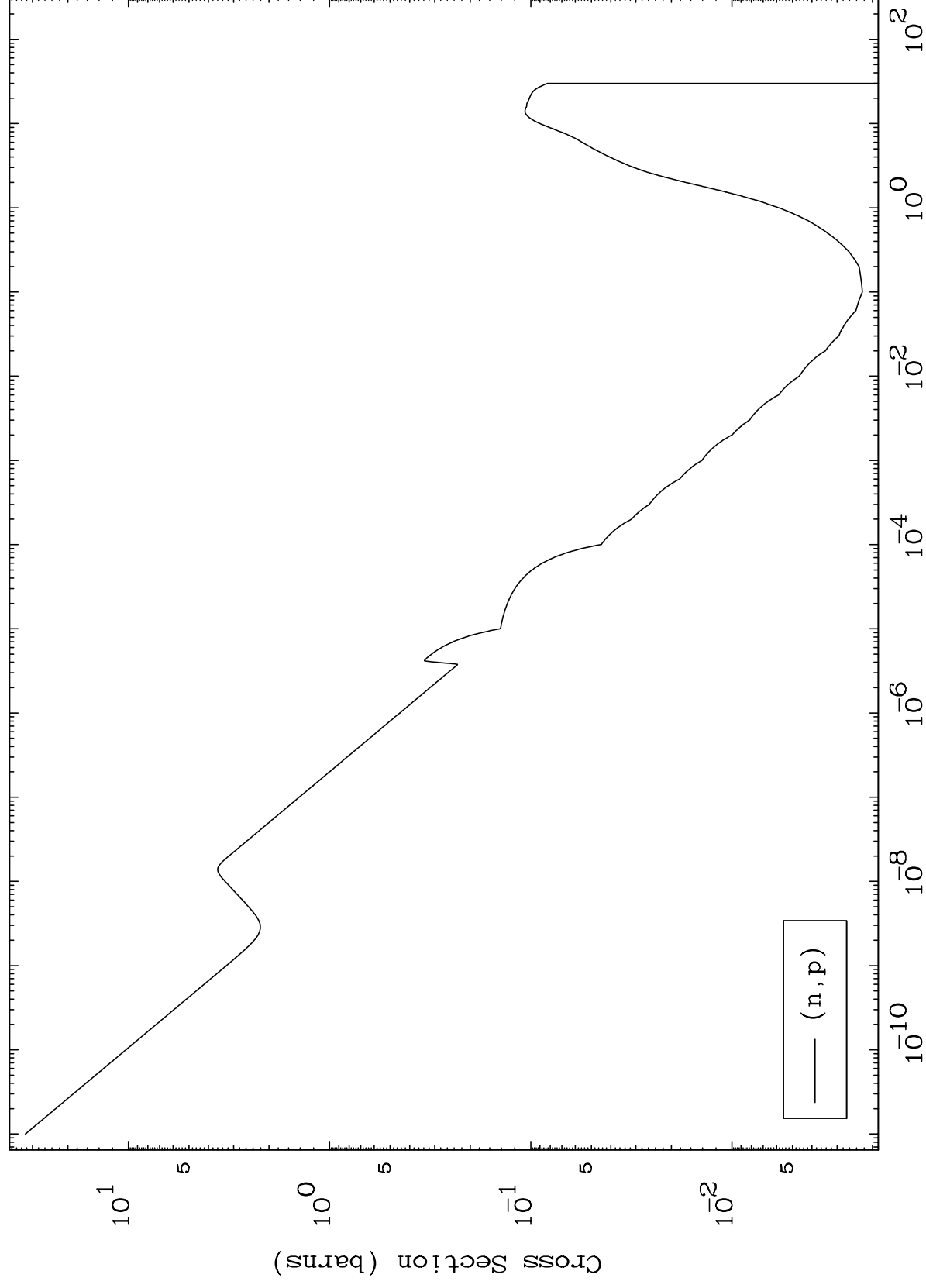




MAT 8393

(n,p) Levels
293 Kelvin Cross Sections

84-Po-195m



11

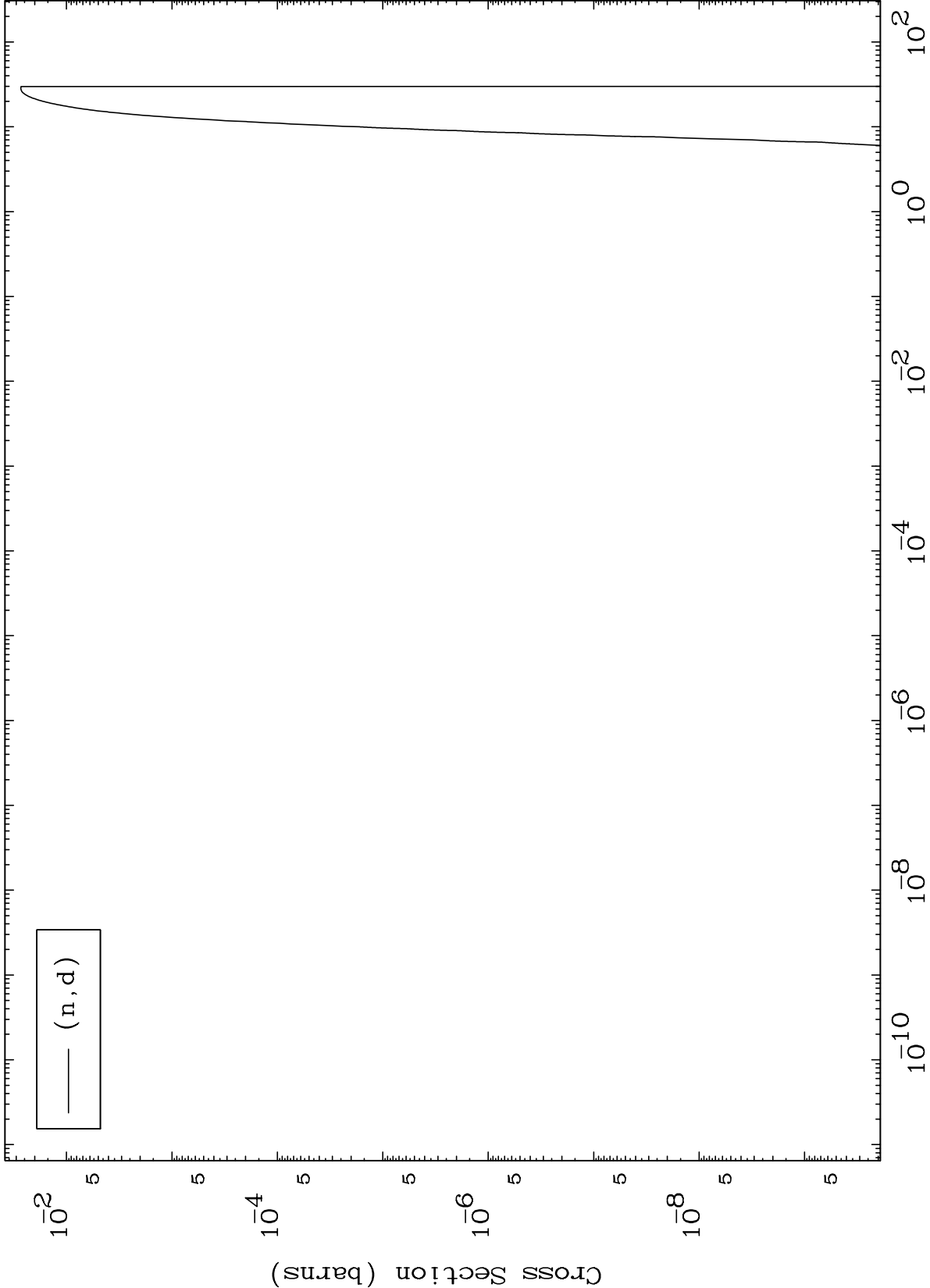
Incident Energy (MeV)

84-Po-195m

MAT 8393

(n,d) Levels
293 Kelvin Cross Sections

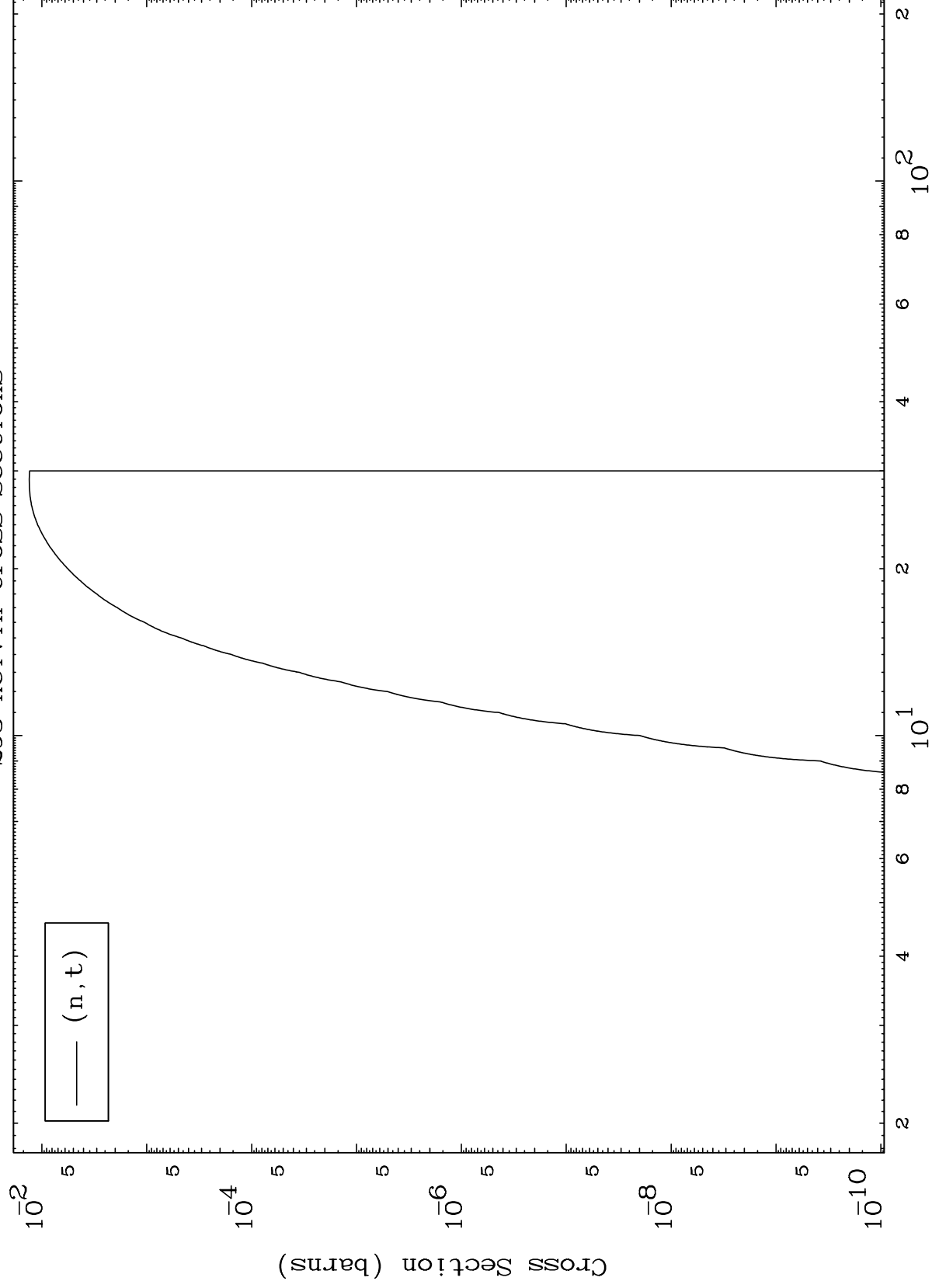
84-Po-195m



MAT 8393

84-Po-195m

(n,t) Levels
293 Kelvin Cross Sections



13

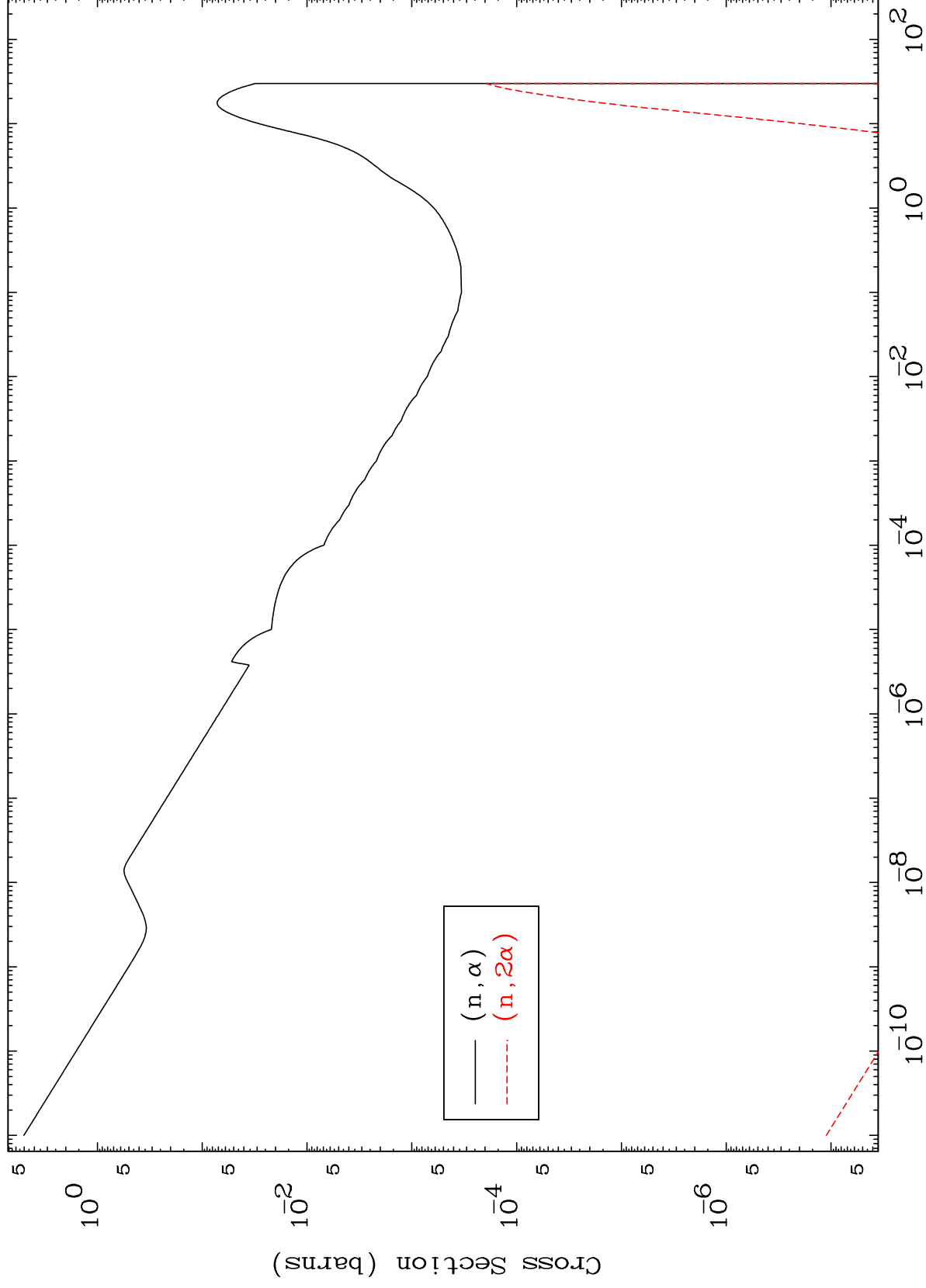
Incident Energy (MeV)

84-Po-195m

MAT 8393

(n, α) Levels
293 Kelvin Cross Sections

84-Po-195m



15

Incident Energy (MeV)

84-Po-195m

MAT 8393

84-Po-195m

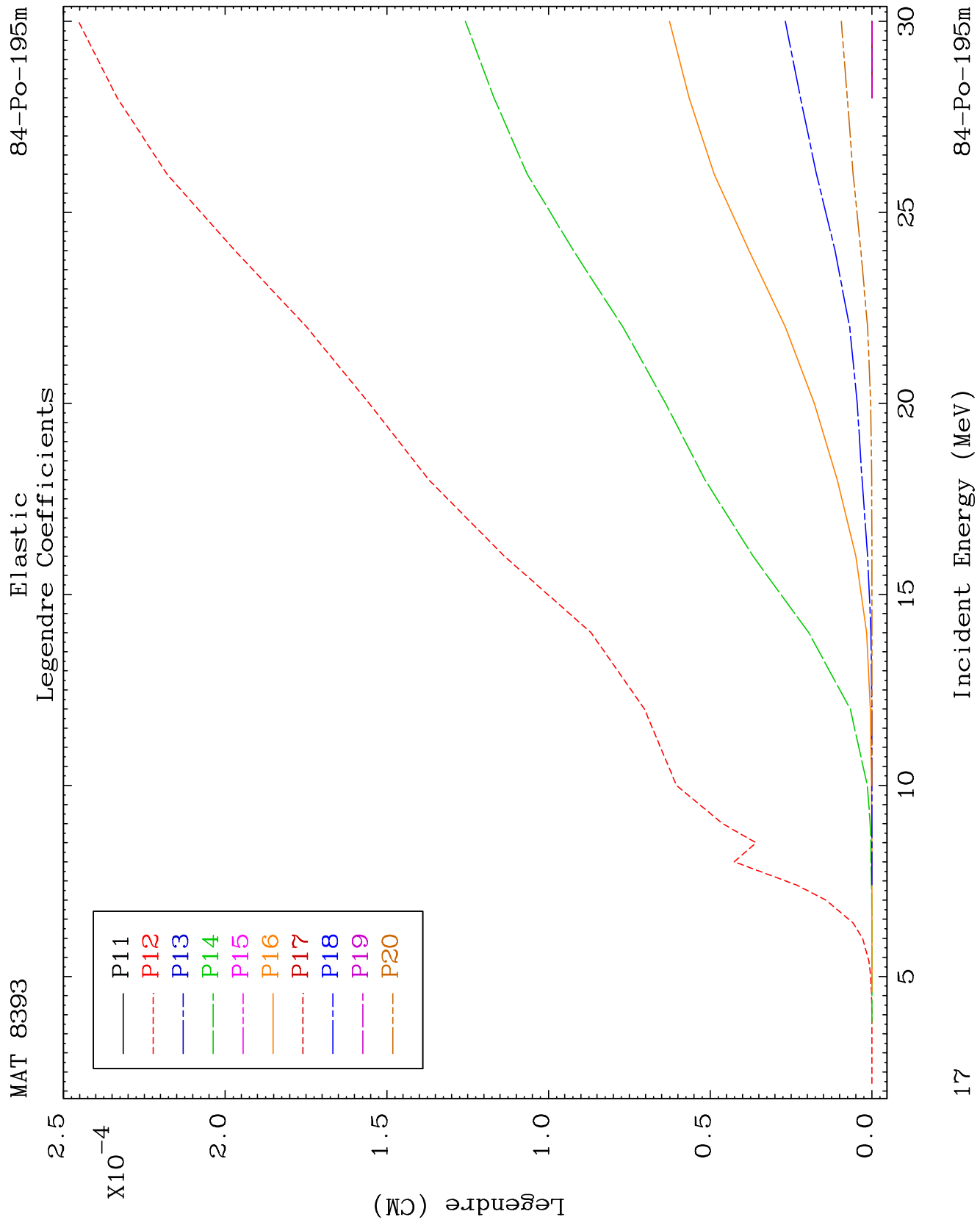
Elastic Legendre Coefficients

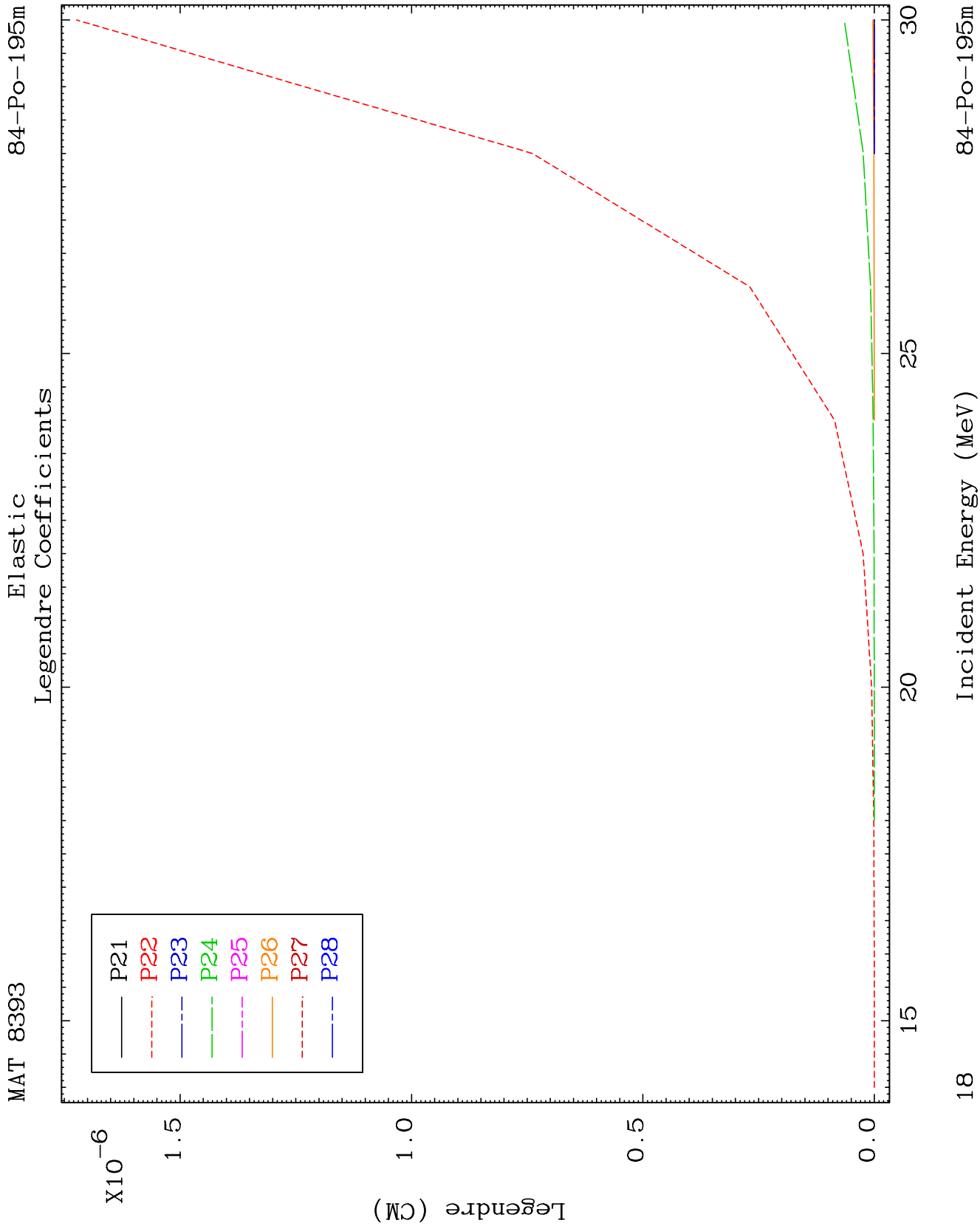


16

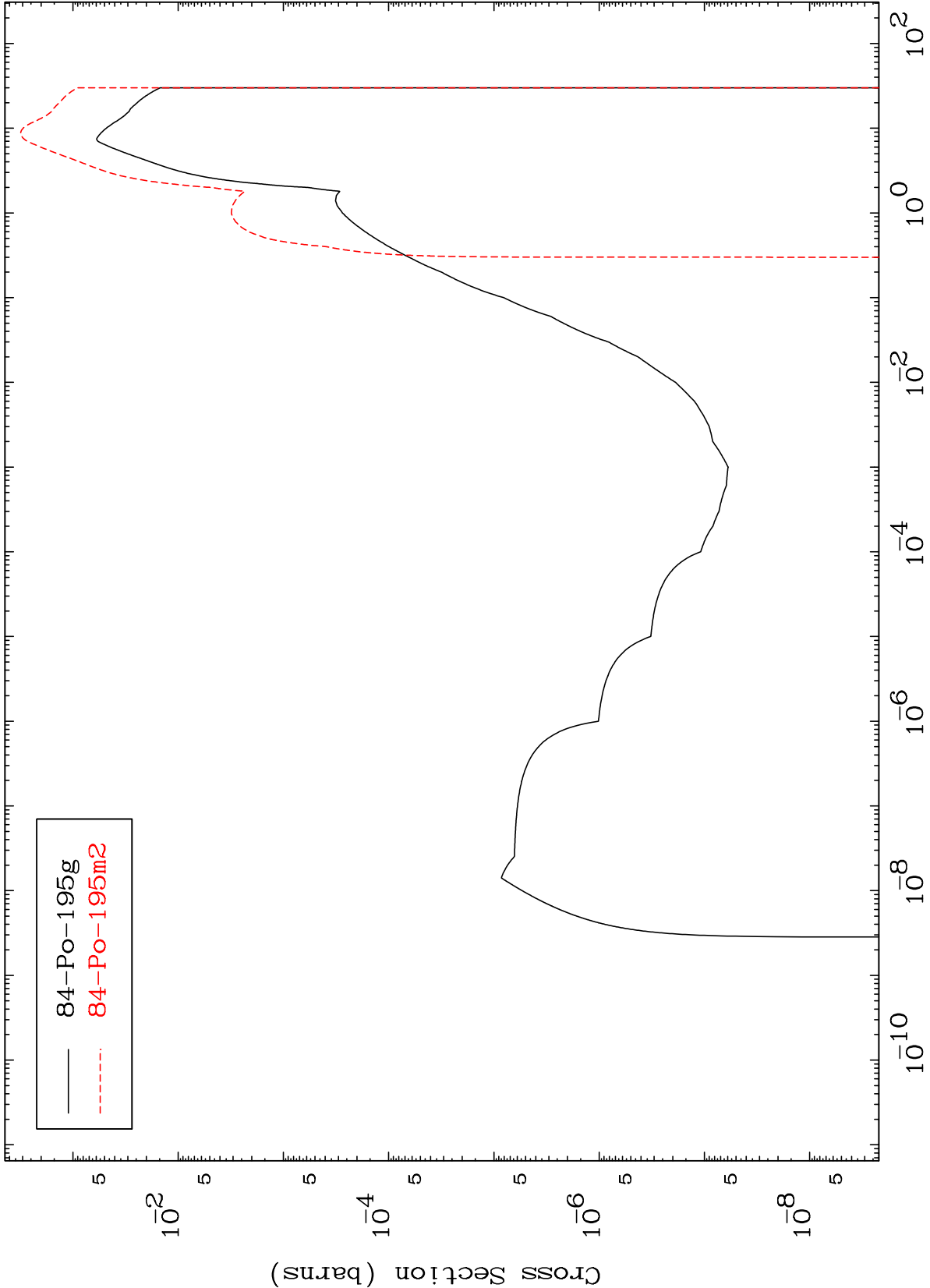
Incident Energy (MeV)

84-Po-195m





Inelastic
Radionuclide Production Cross Section

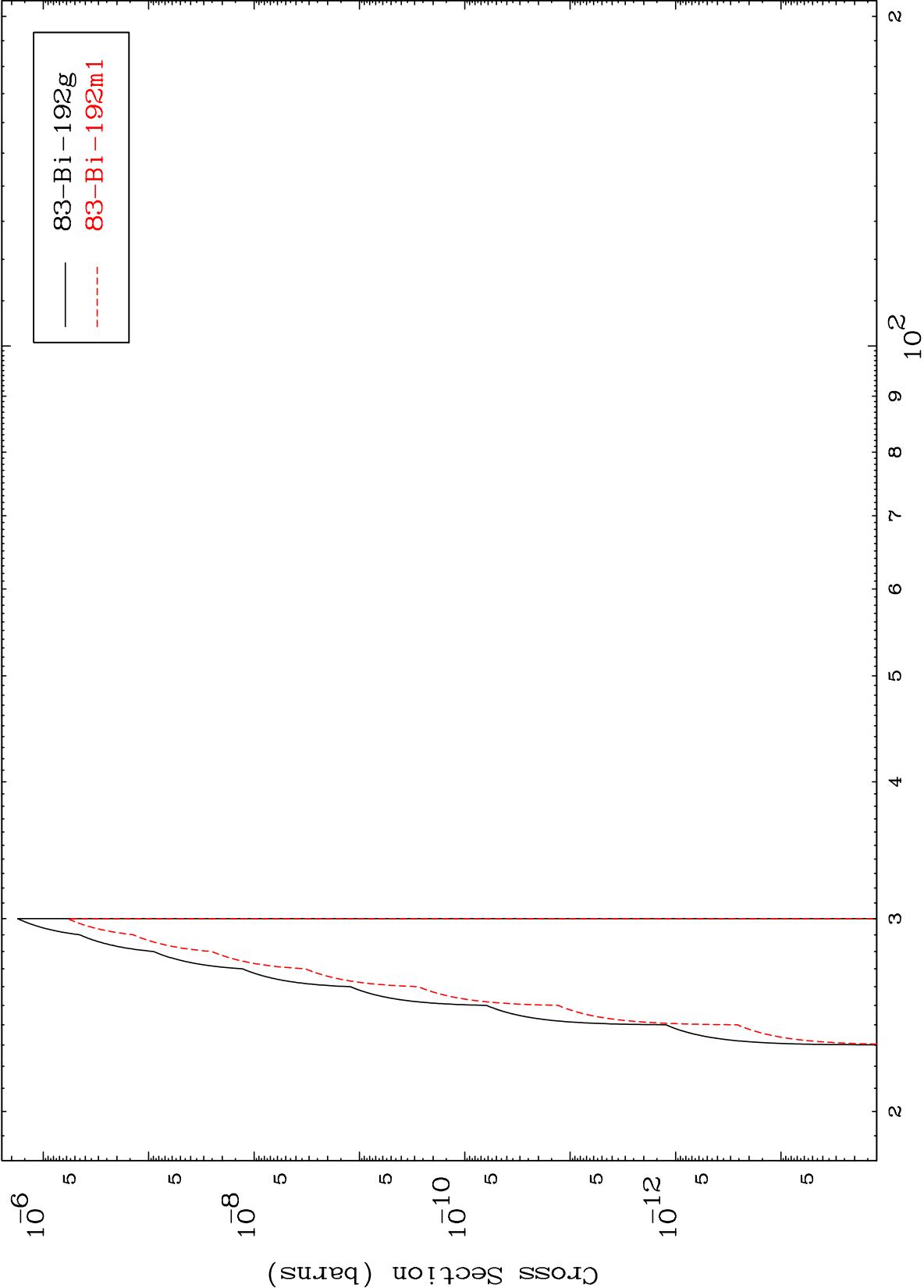


MAT 8393

(n,2n) d

84-Po-195m

Radionuclide Production Cross Section



20

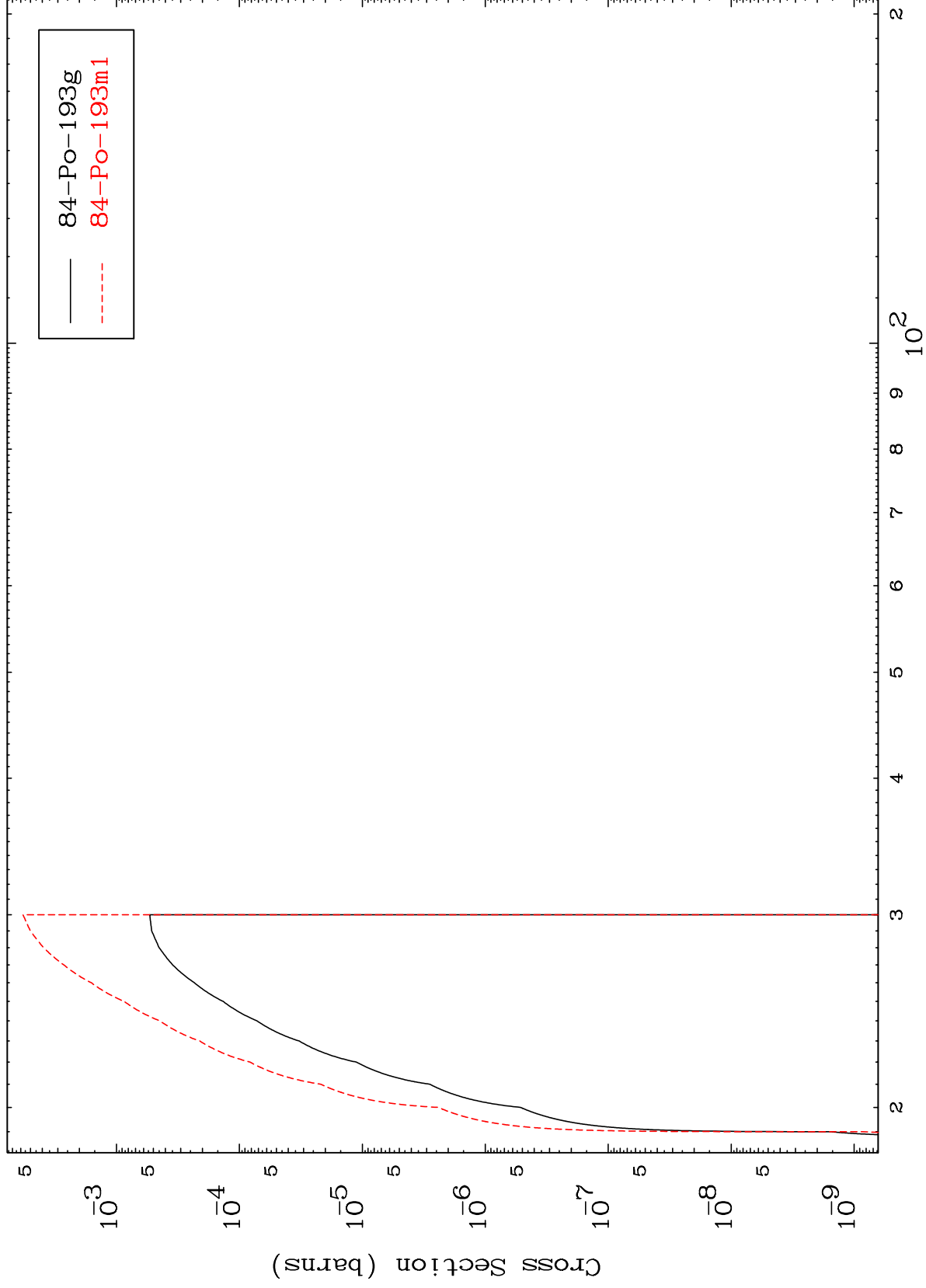
Incident Energy (MeV)

84-Po-195m

MAT 8393

84-Po-195m

(n,3n)
Radionuclide Production Cross Section

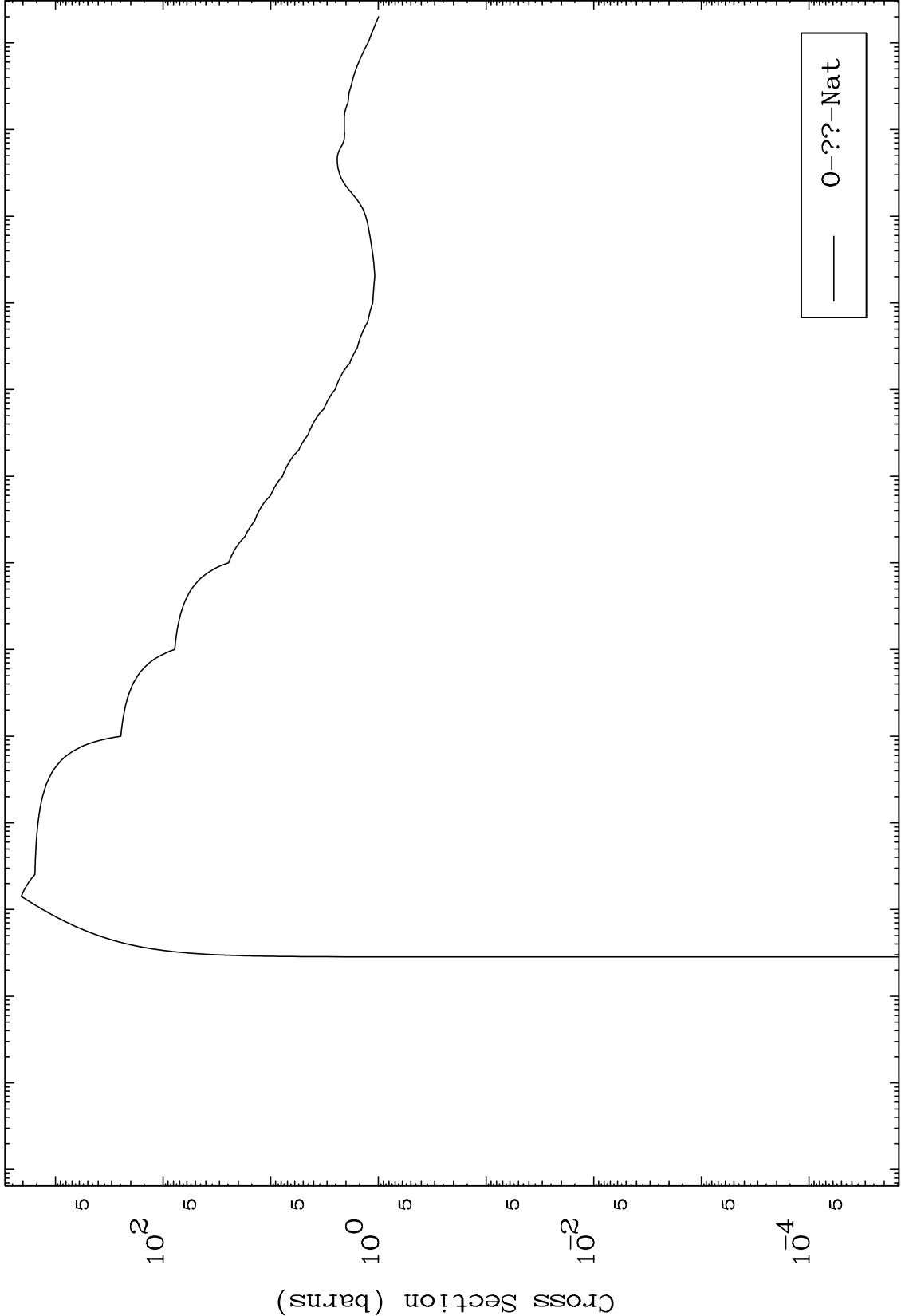


84-Po-195m

Incident Energy (MeV)

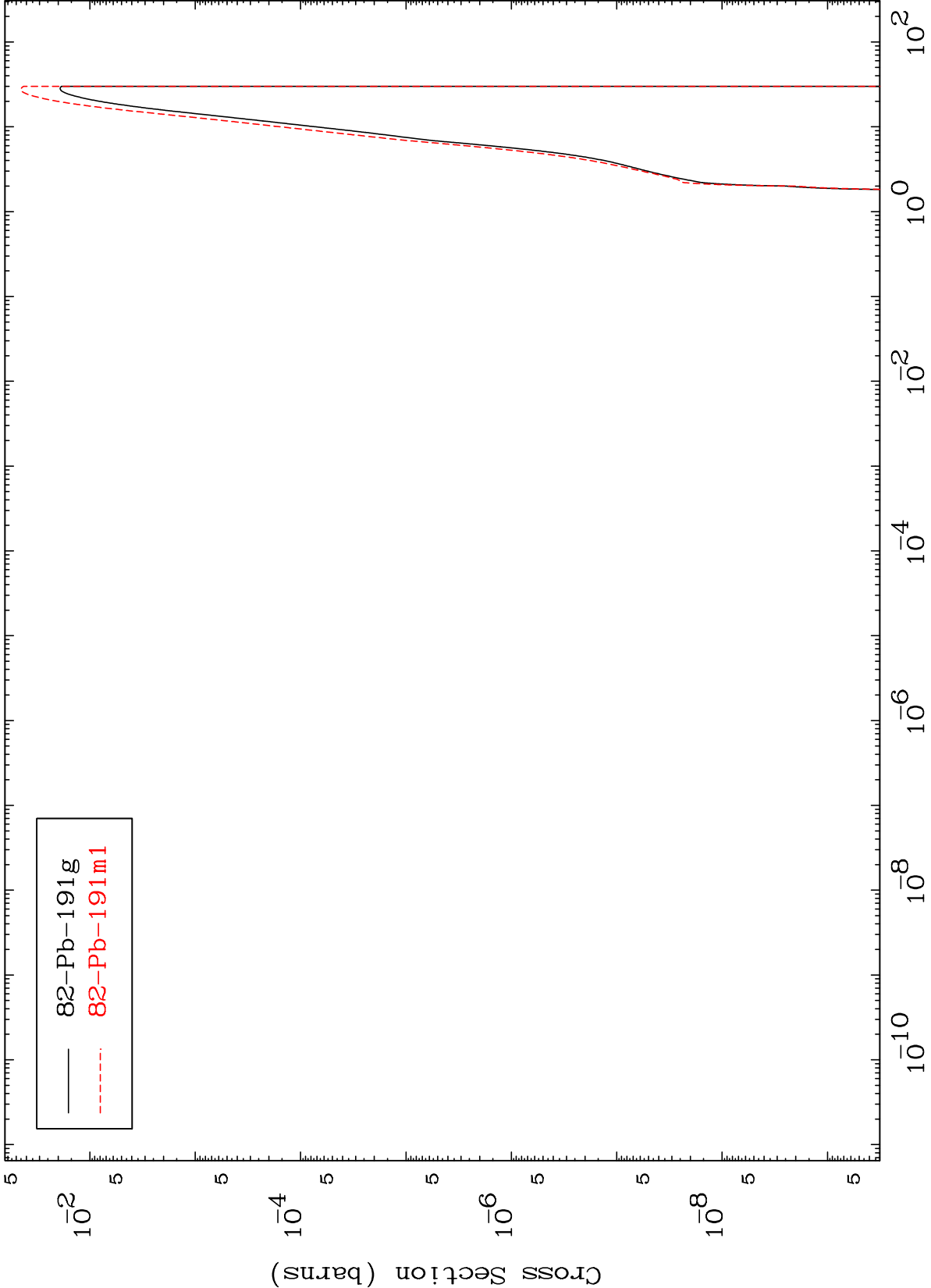
21

Fission
Radionuclide Production Cross Section



0-??-Nat

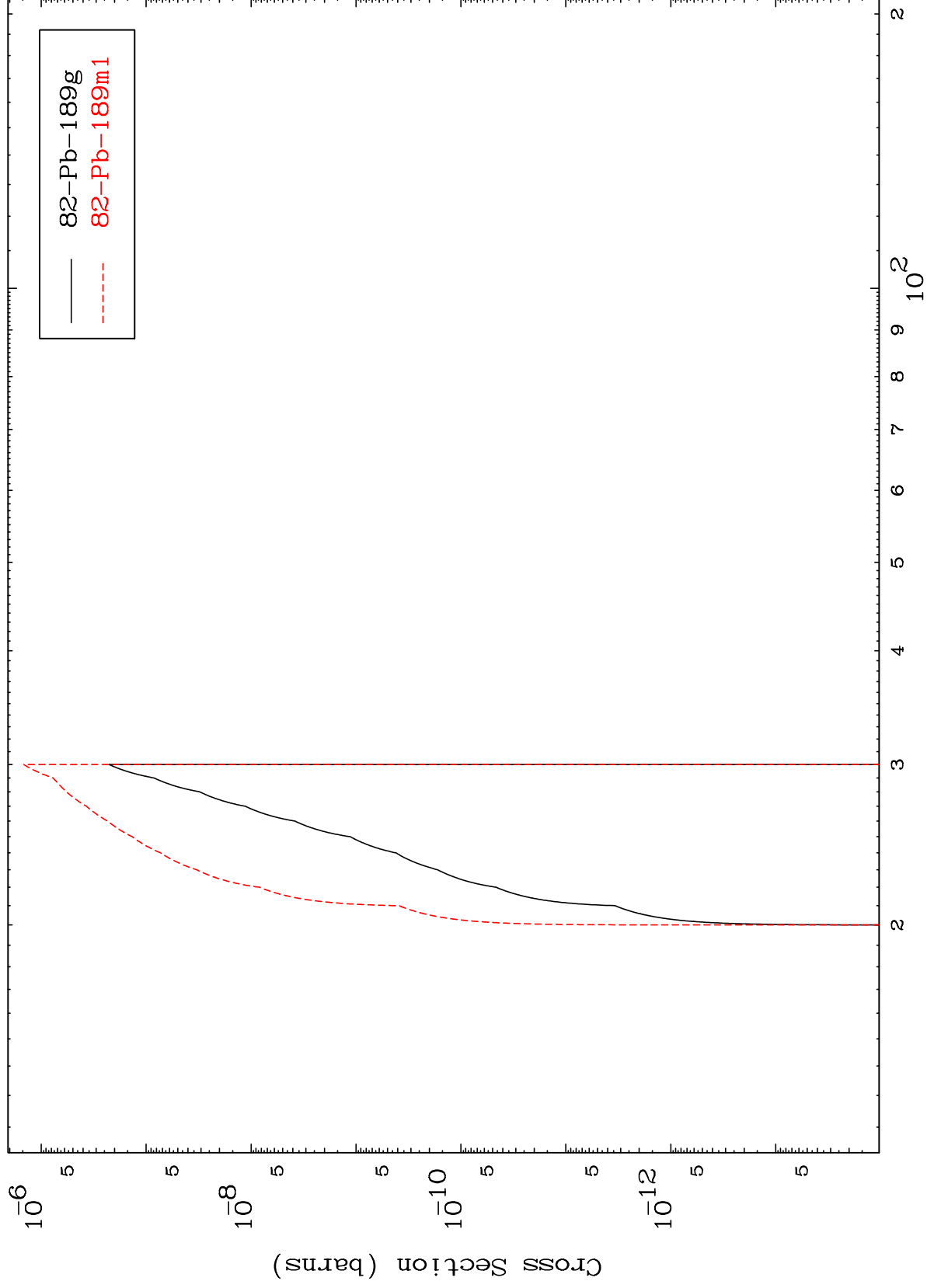
Radionuclide Production Cross Section



MAT 8393

84-Po-195m

(n,3n) α
Radionuclide Production Cross Section

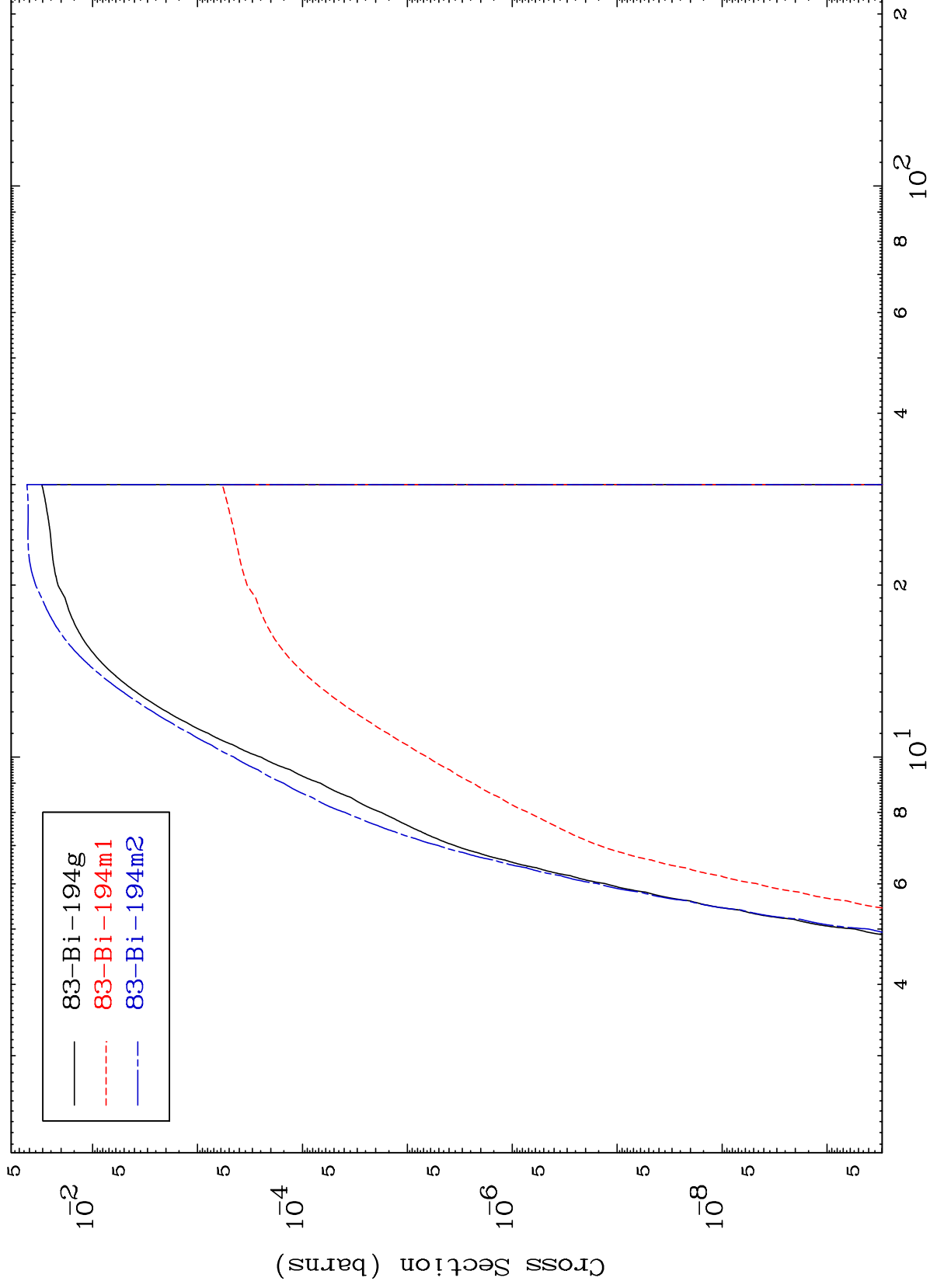


24

Incident Energy (MeV)

84-Po-195m

Radionuclide Production Cross Section
(n,n') p

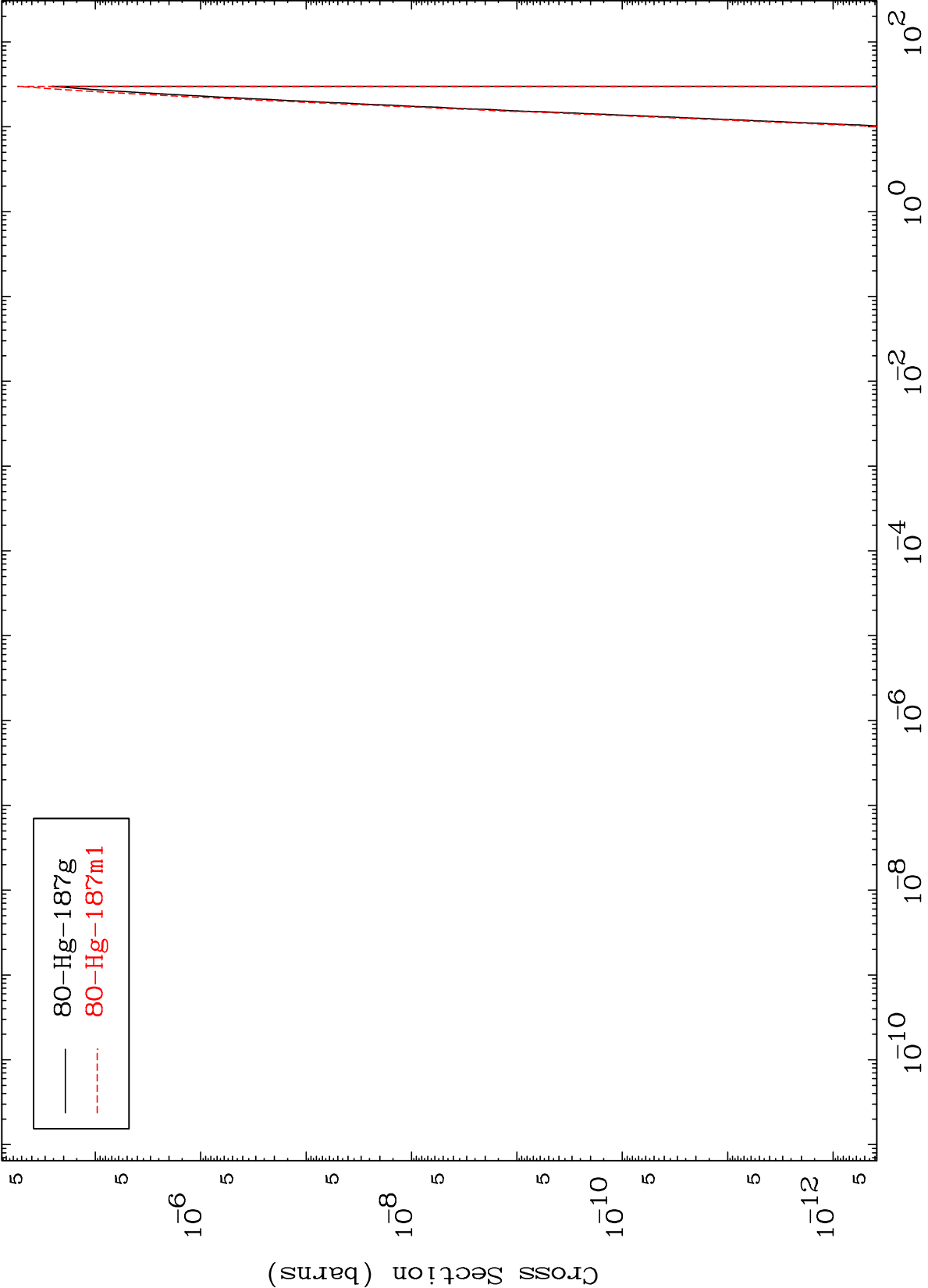


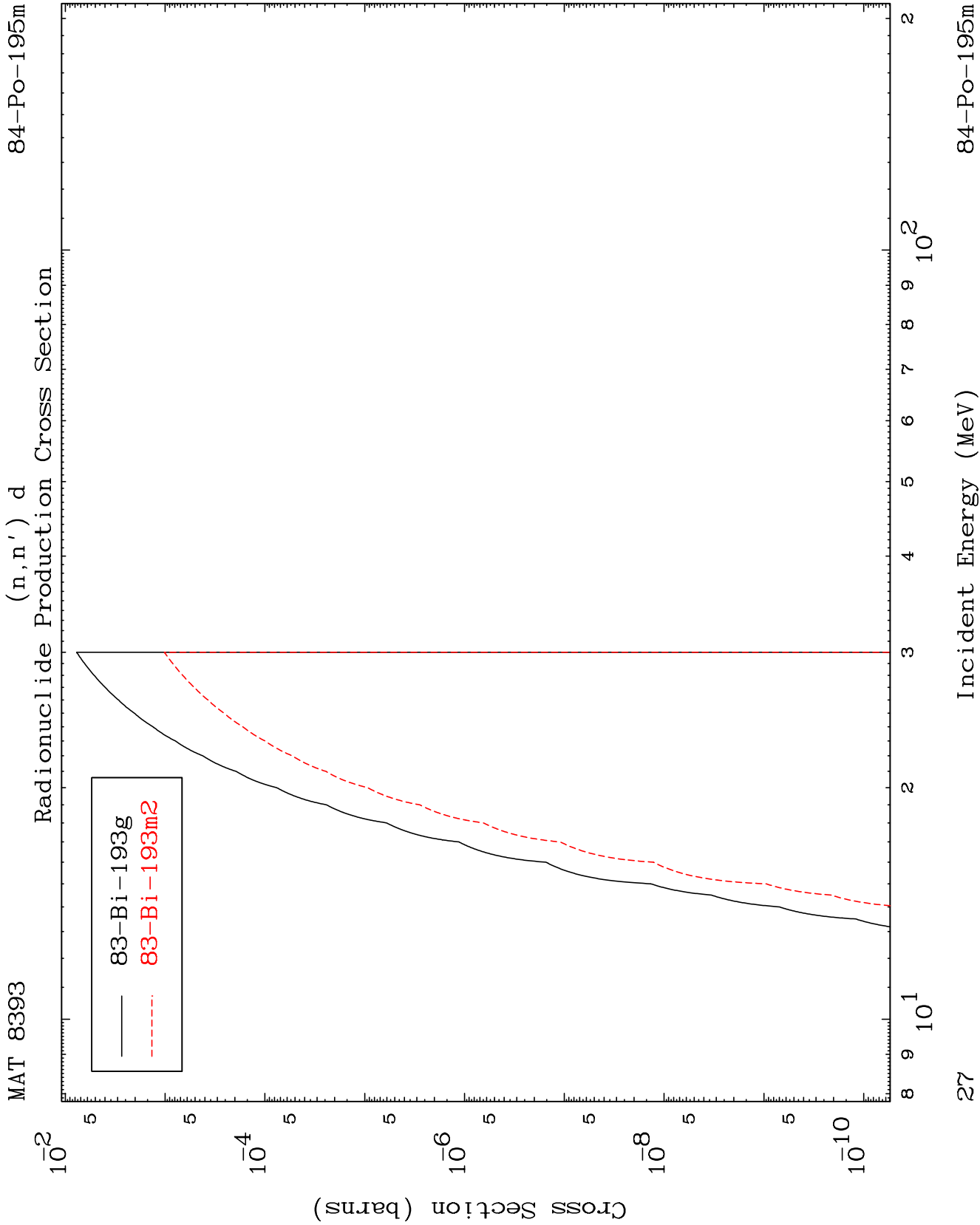
MAT 8393

(n,n') 2 α

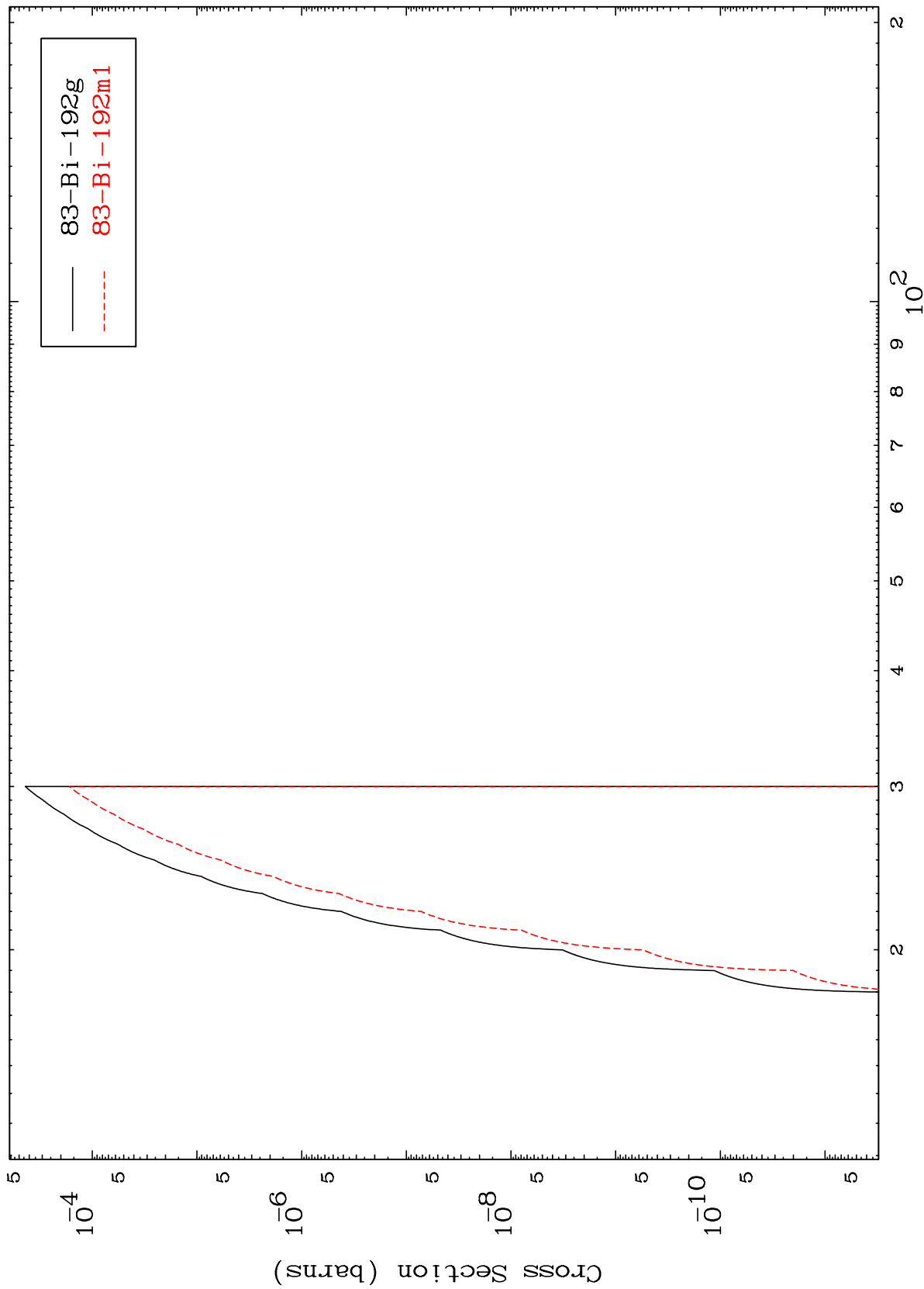
84-Po-195m

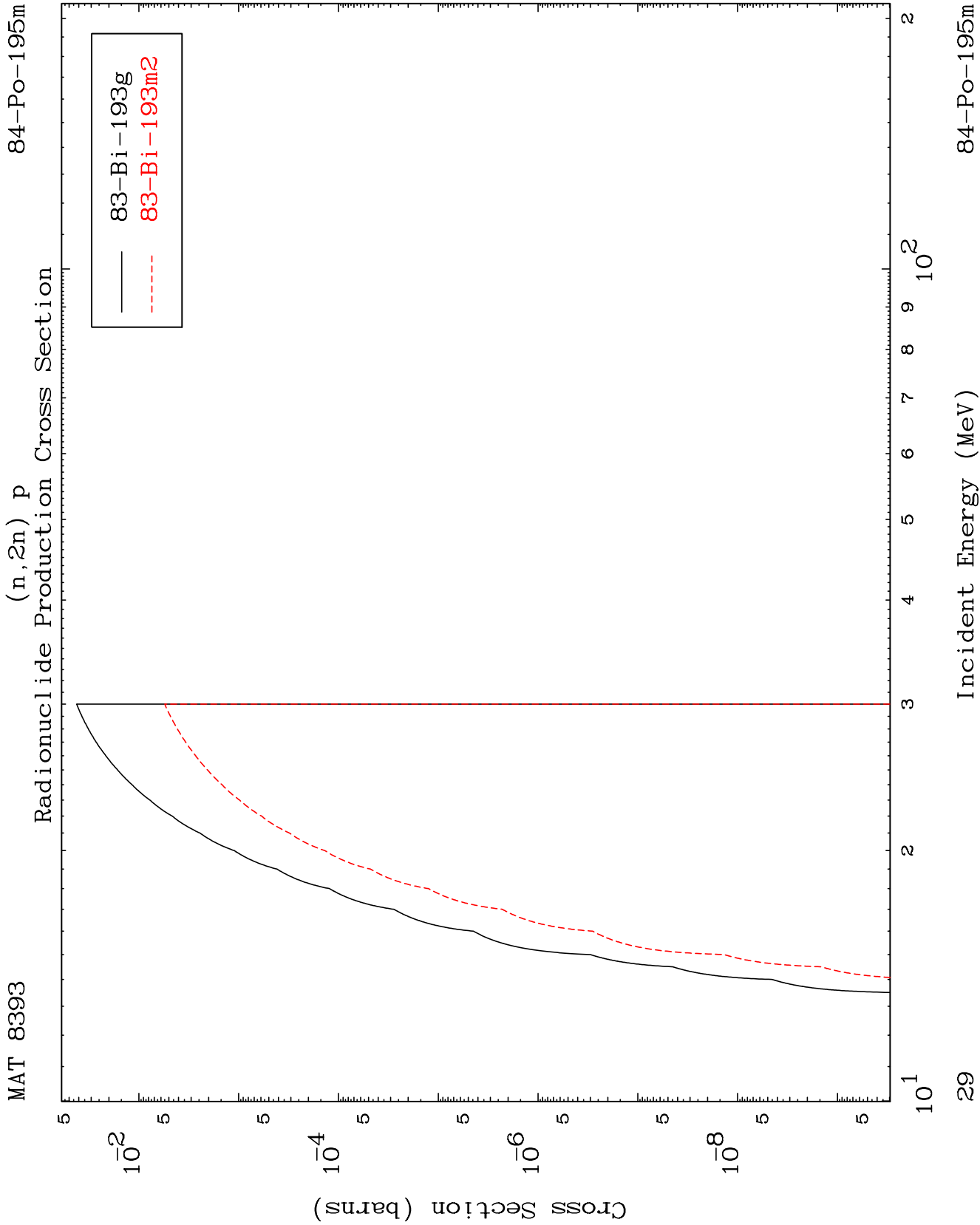
Radionuclide Production Cross Section





(n,n') t
Radionuclide Production Cross Section



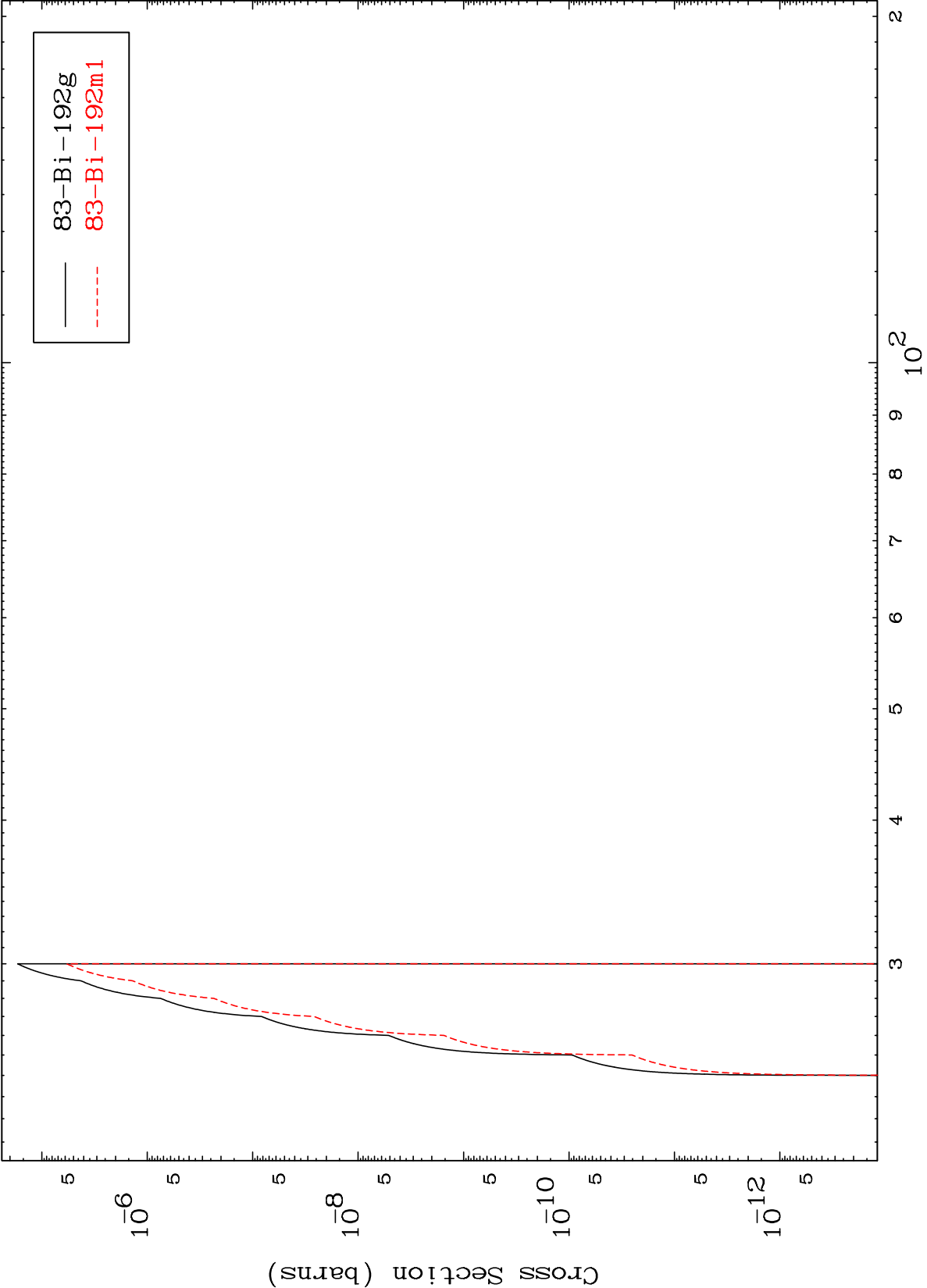


MAT 8393

(n,3n) p

84-Po-195m

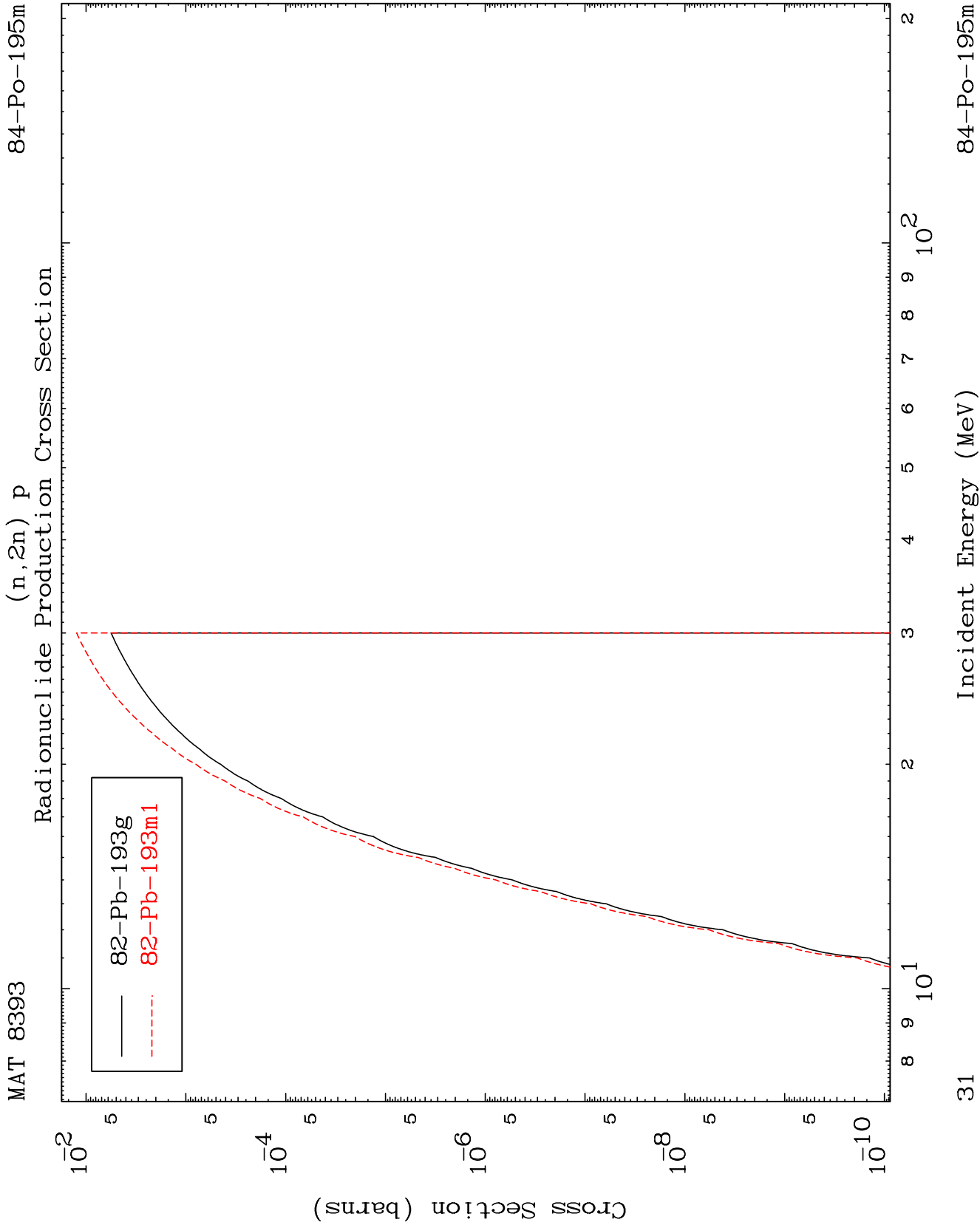
Radionuclide Production Cross Section



30

Incident Energy (MeV)

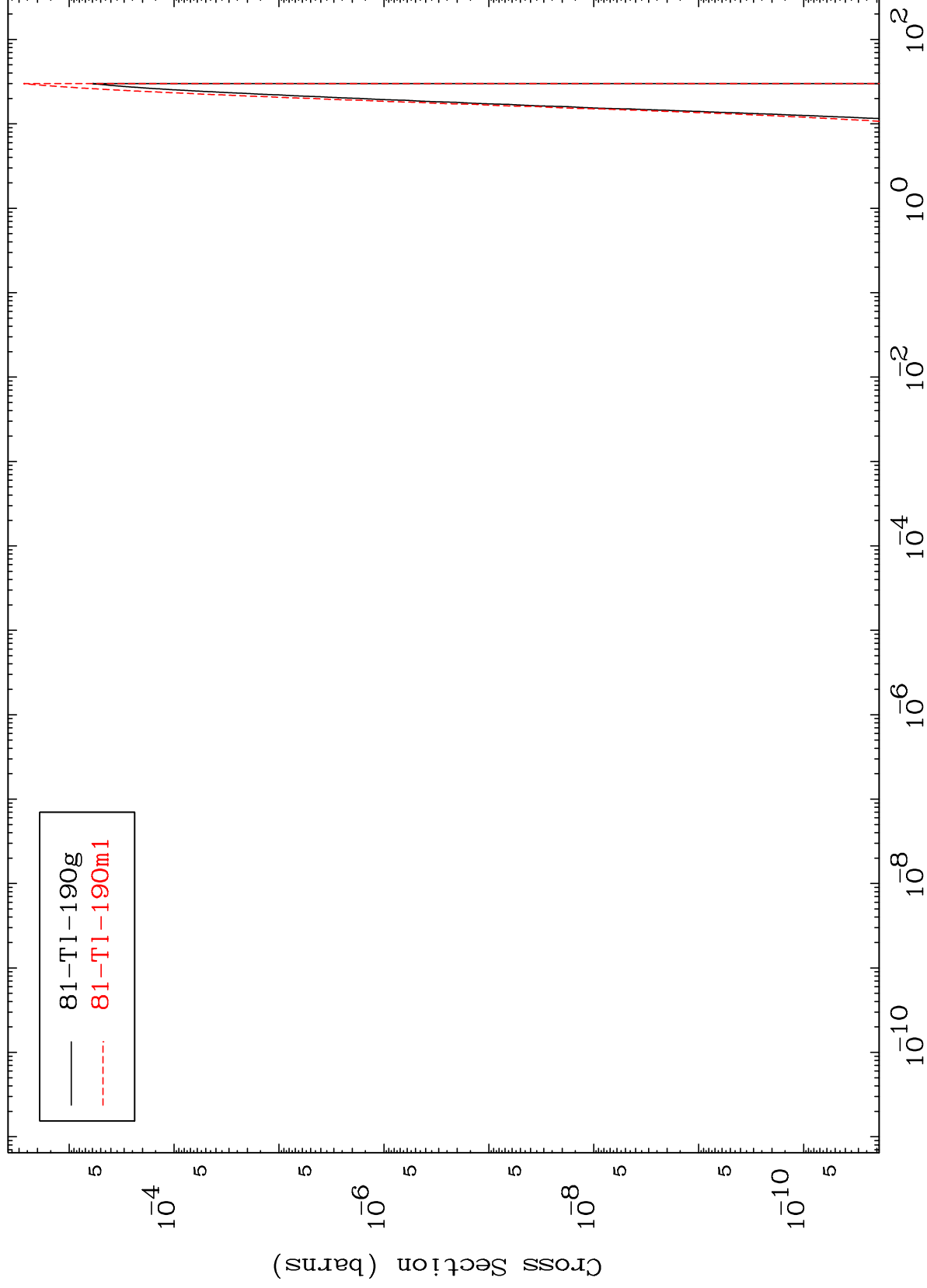
84-Po-195m



MAT 8393

84-Po-195m

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



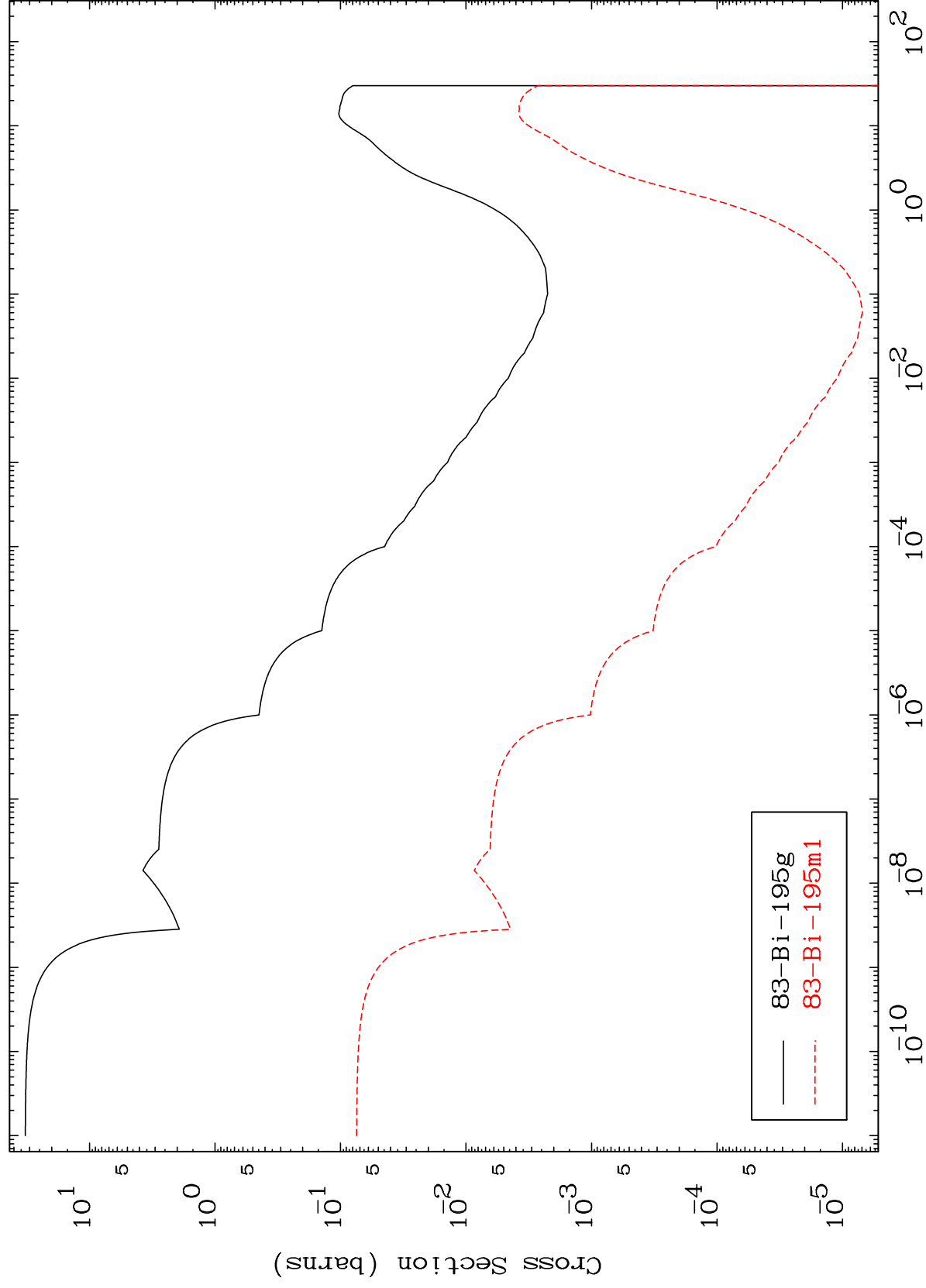
32

84-Po-195m

MAT 8393

84-Po-195m

(n,p)
Radionuclide Production Cross Section



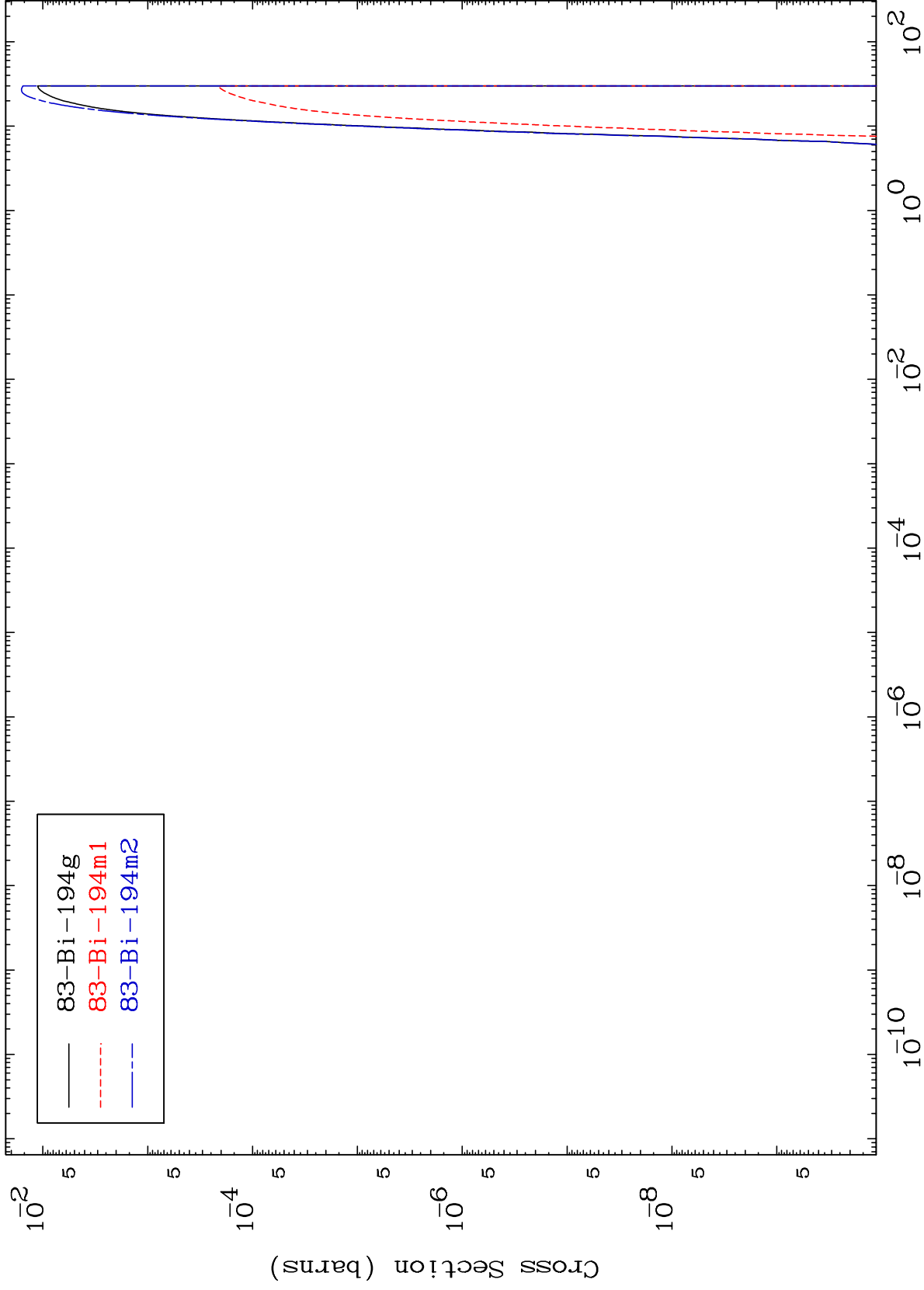
84-Po-195m

Incident Energy (MeV)

MAT 8393

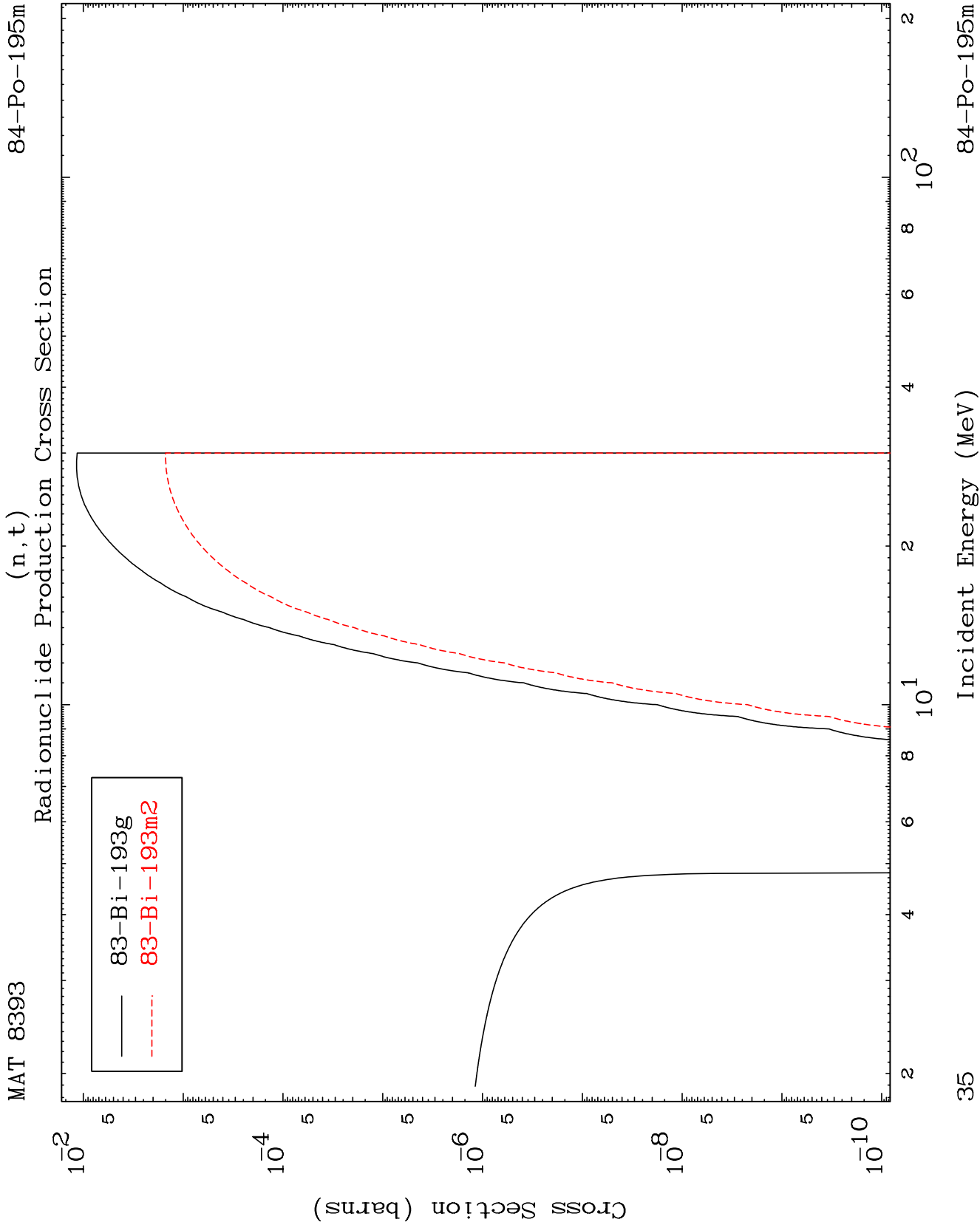
84-Po-195m

(n,d)
Radionuclide Production Cross Section



34

84-Po-195m

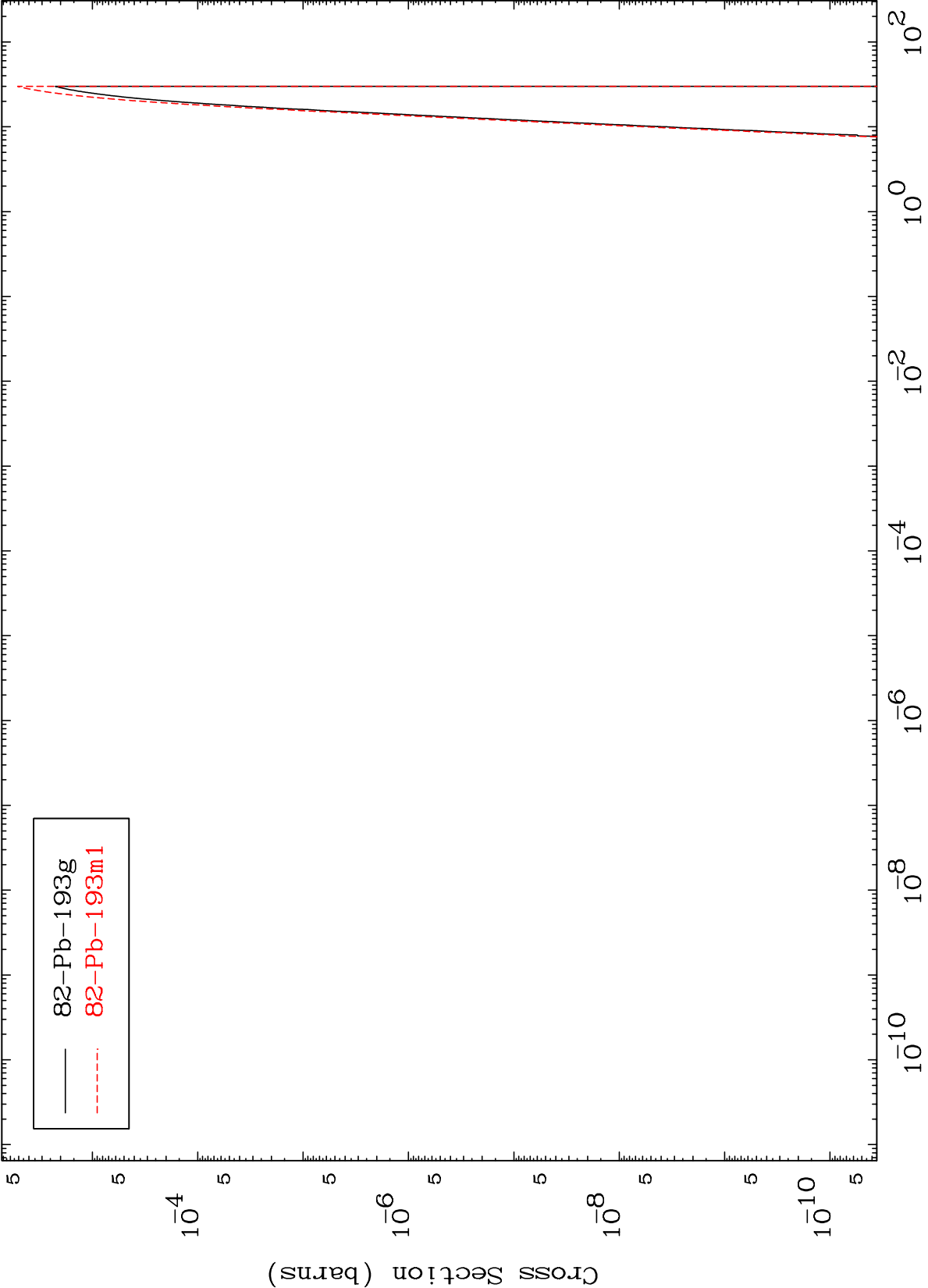


MAT 8393

(n,He-3)

84-Po-195m

Radionuclide Production Cross Section

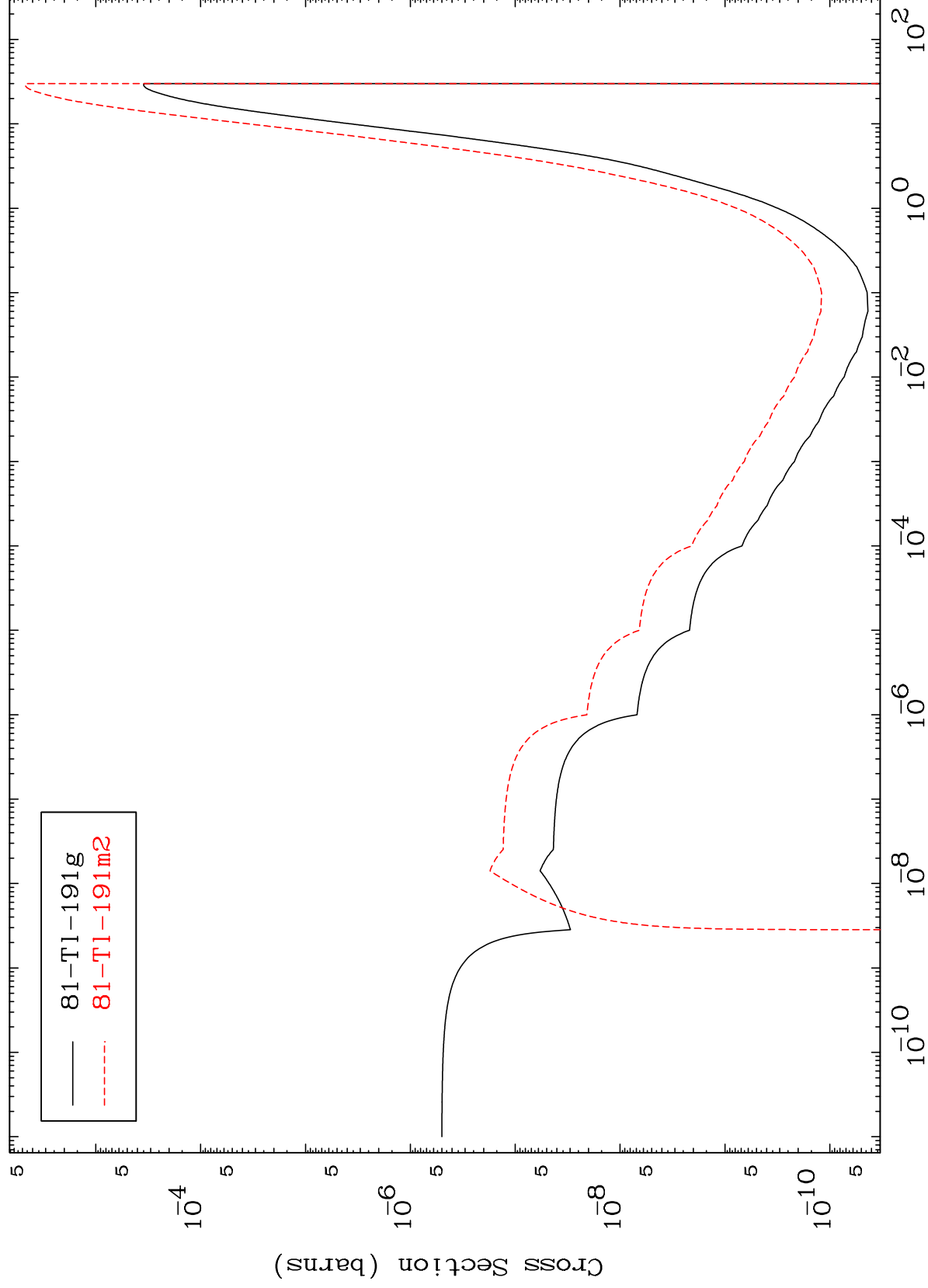


MAT 8393

(n,p) α

84-Po-195m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

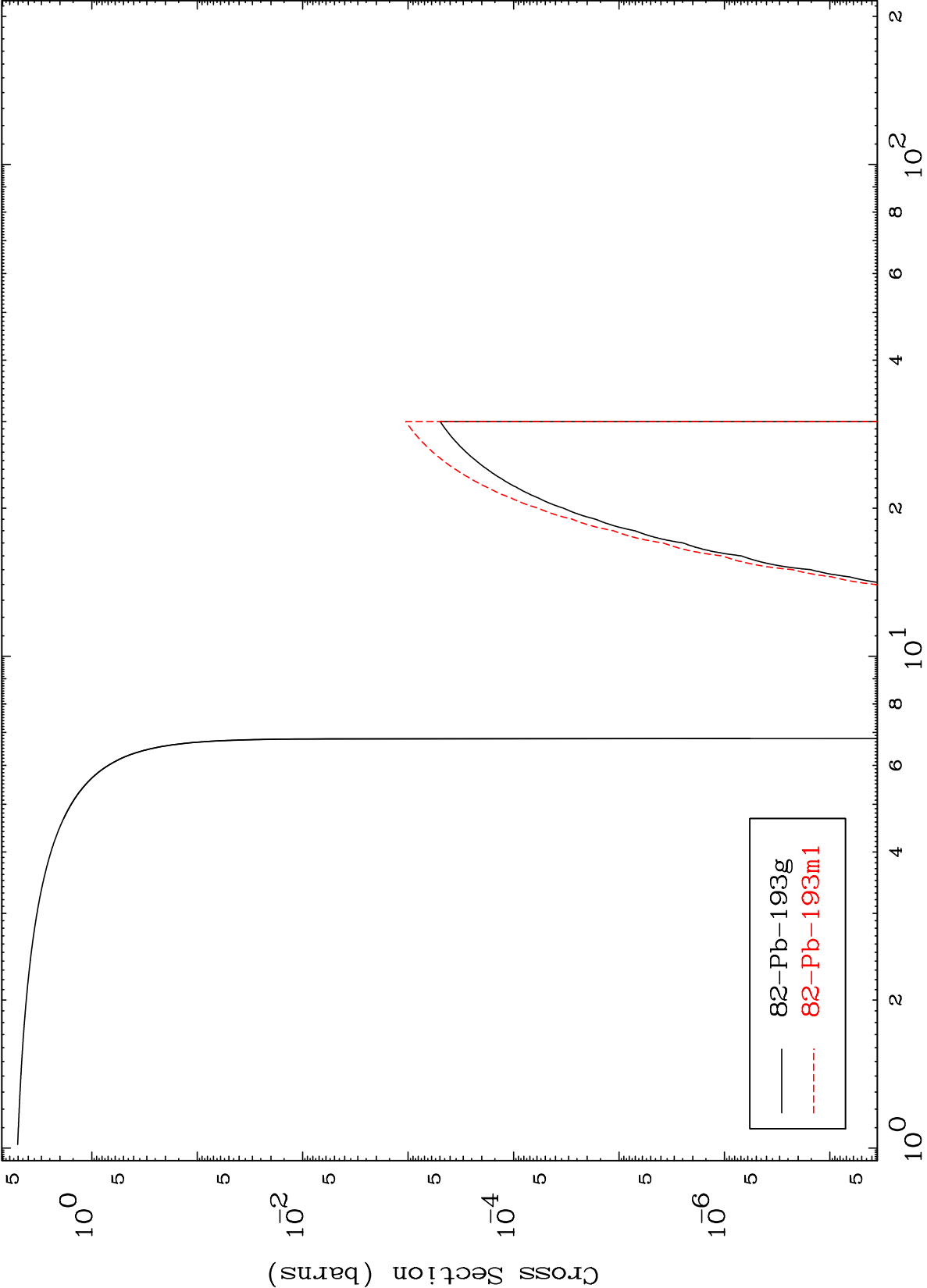
84-Po-195m

MAT 8393

(n,p) d

84-Po-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-195m

38

Radionuclide Production Cross Section

