

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

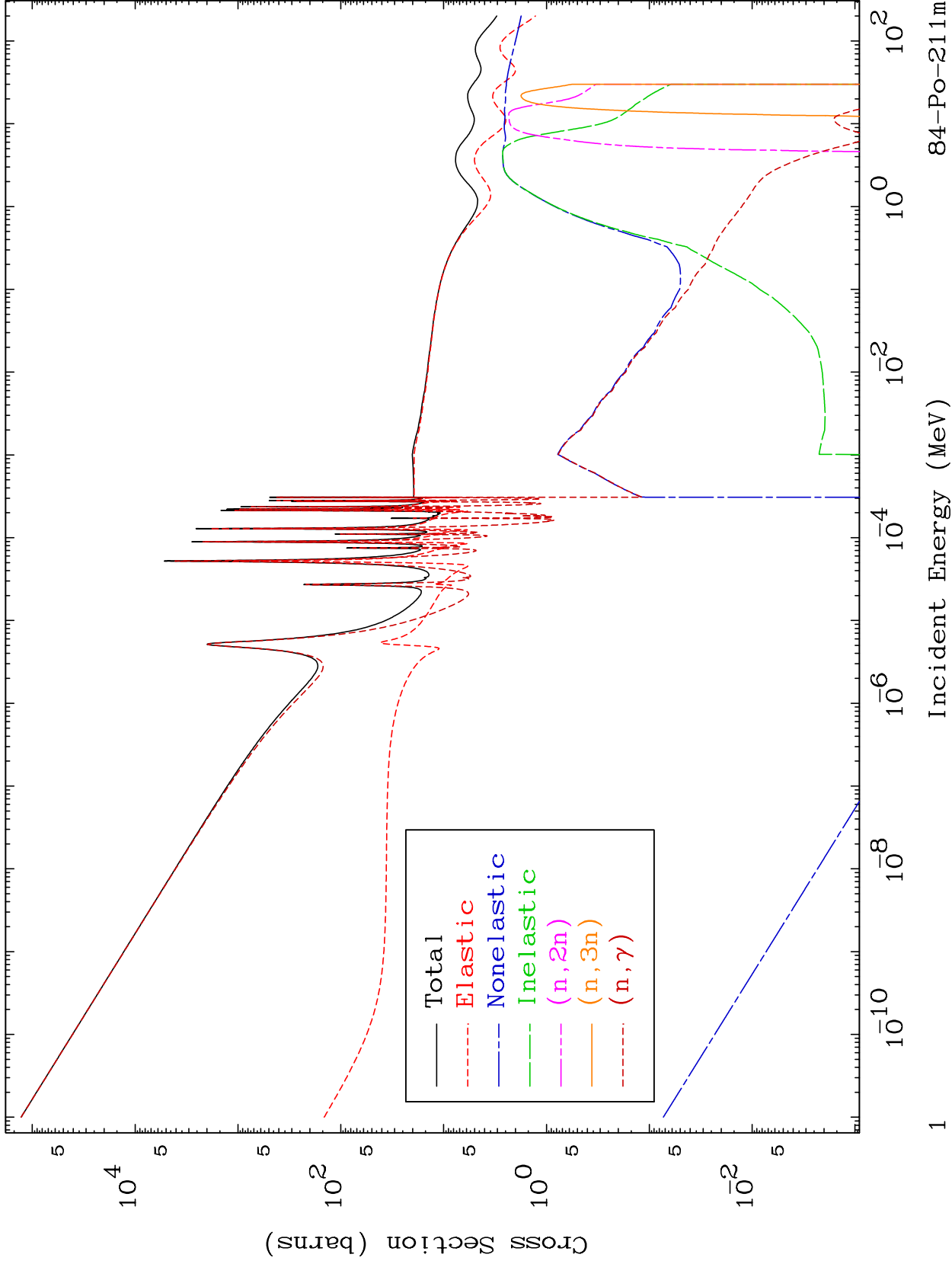
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8441

Neutron Major
293 Kelvin Cross Sections

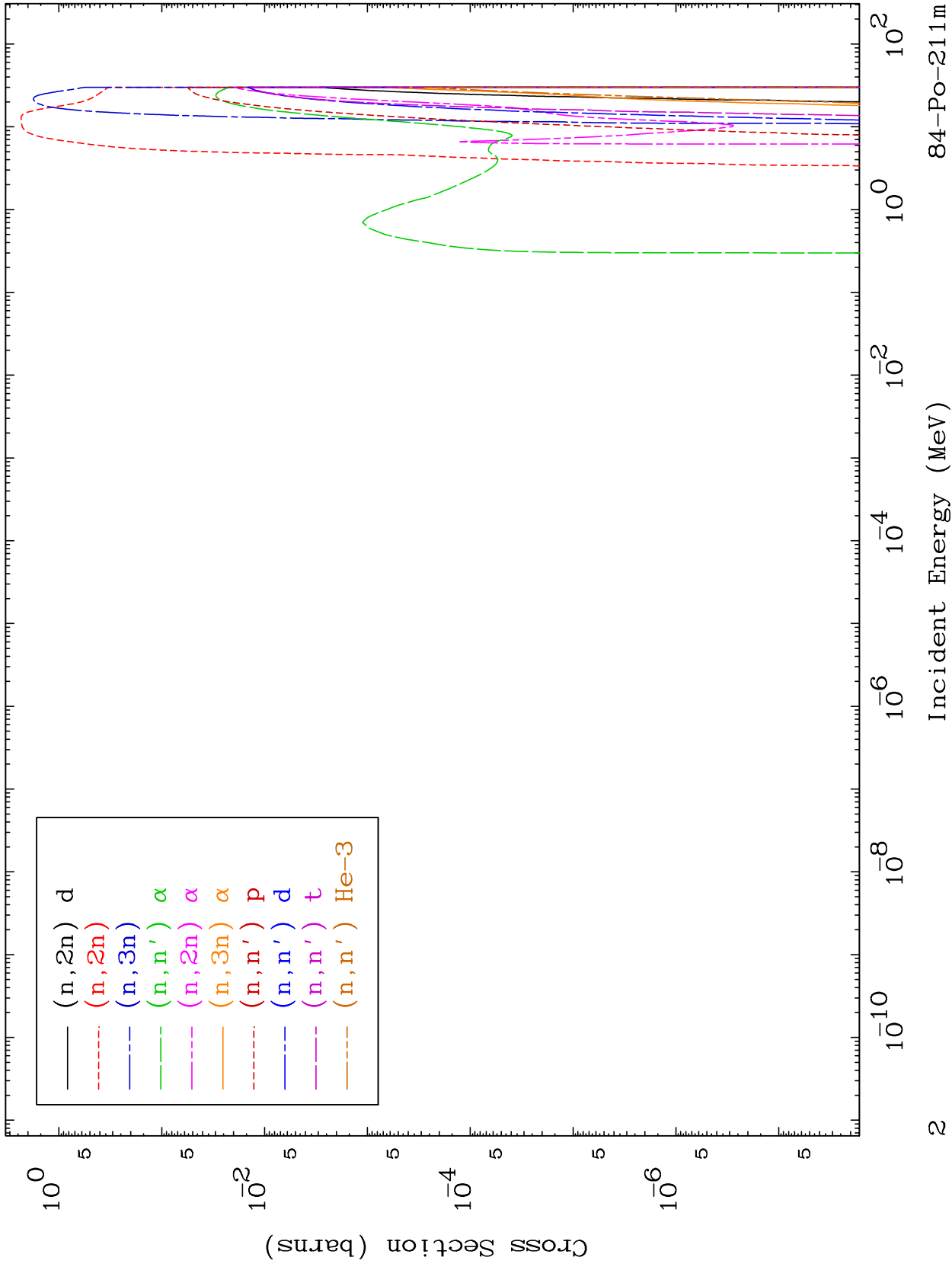
84-Po-211m



MAT 8441

Neutron Absorption
293 Kelvin Cross Sections

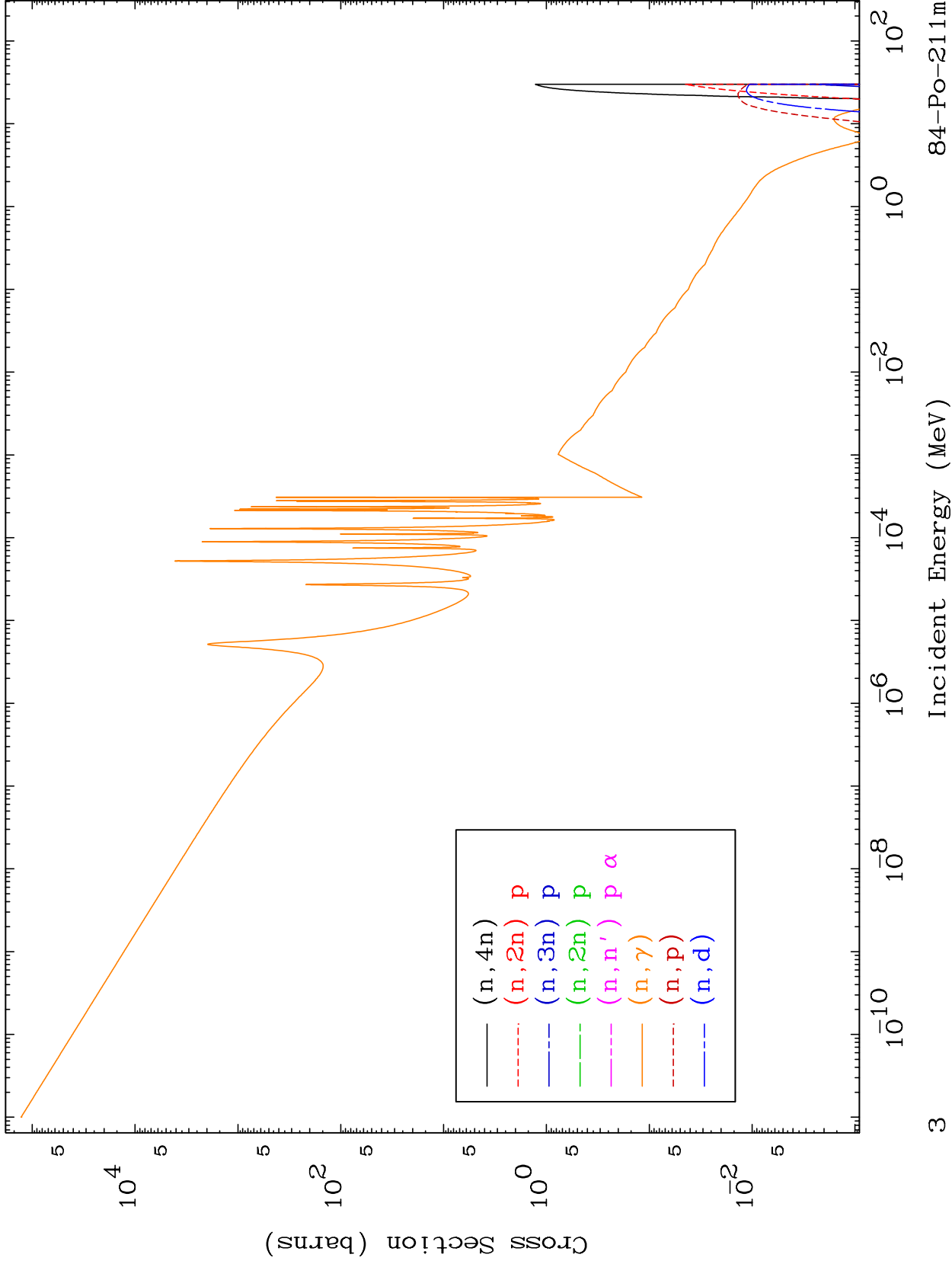
84-Po-211m

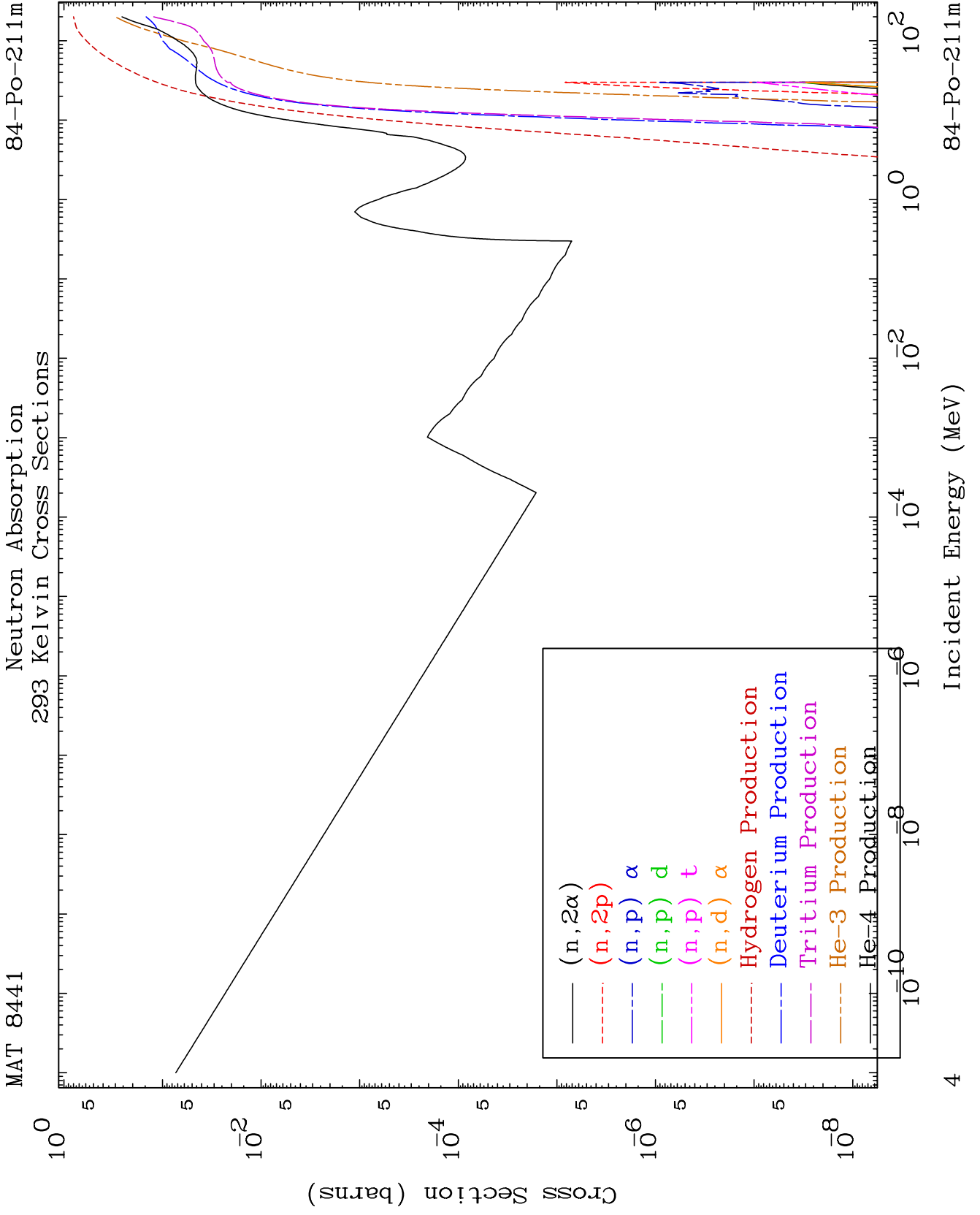


MAT 8441

Neutron Absorption
293 Kelvin Cross Sections

84-Po-211m

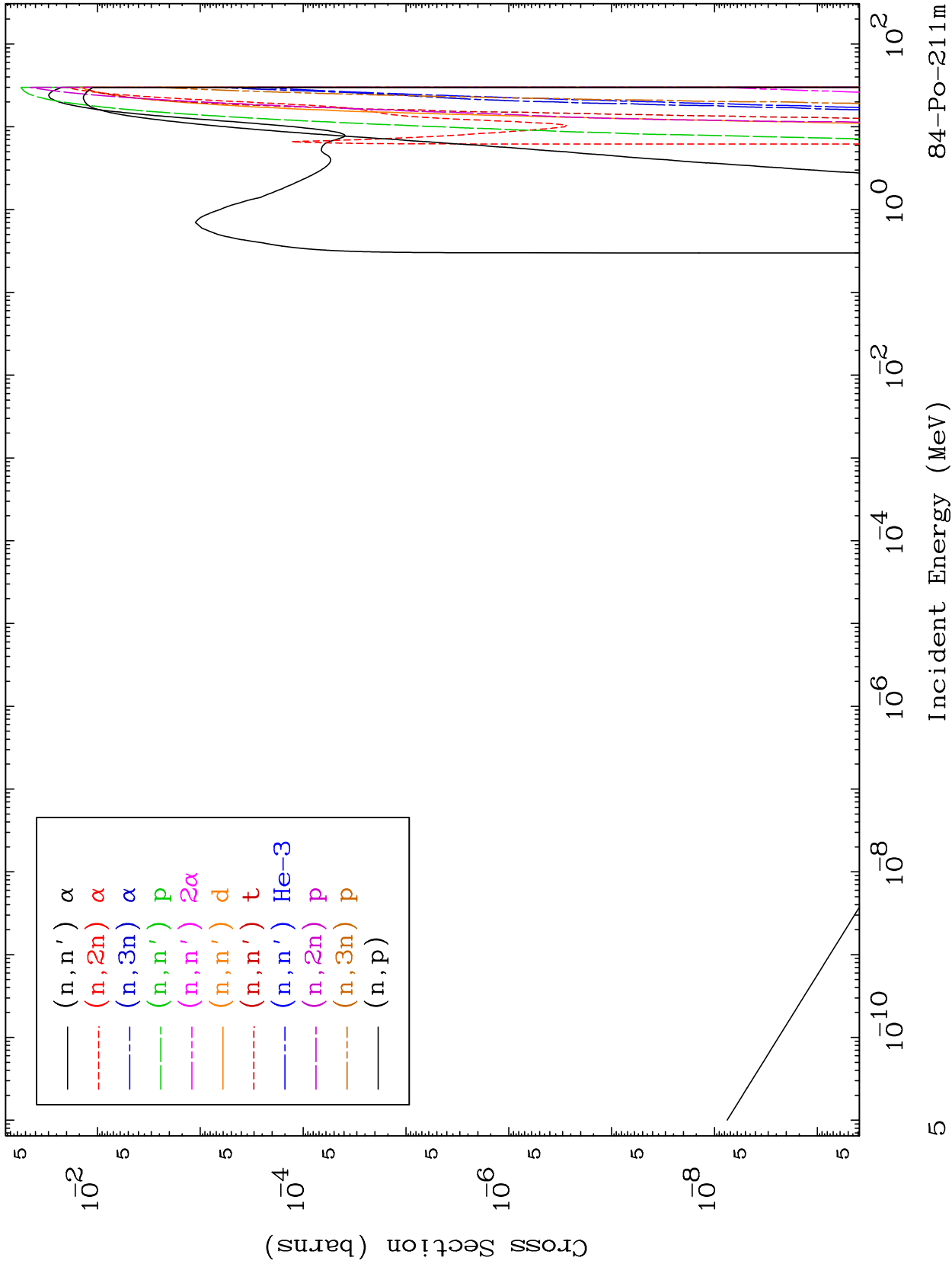




MAT 8441

Charged Particle
293 Kelvin Cross Sections

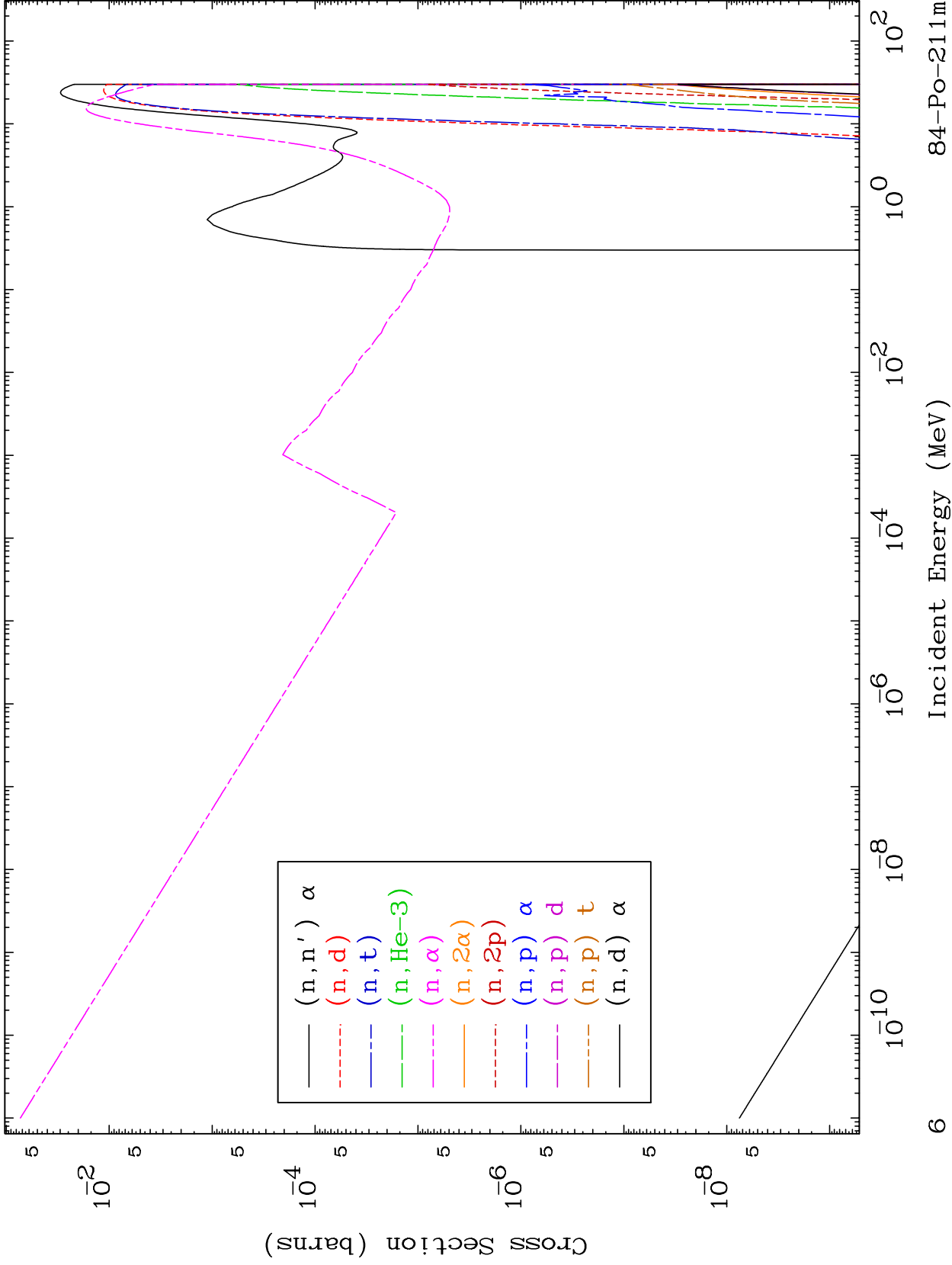
84-Po-211m



MAT 8441

Charged Particle
293 Kelvin Cross Sections

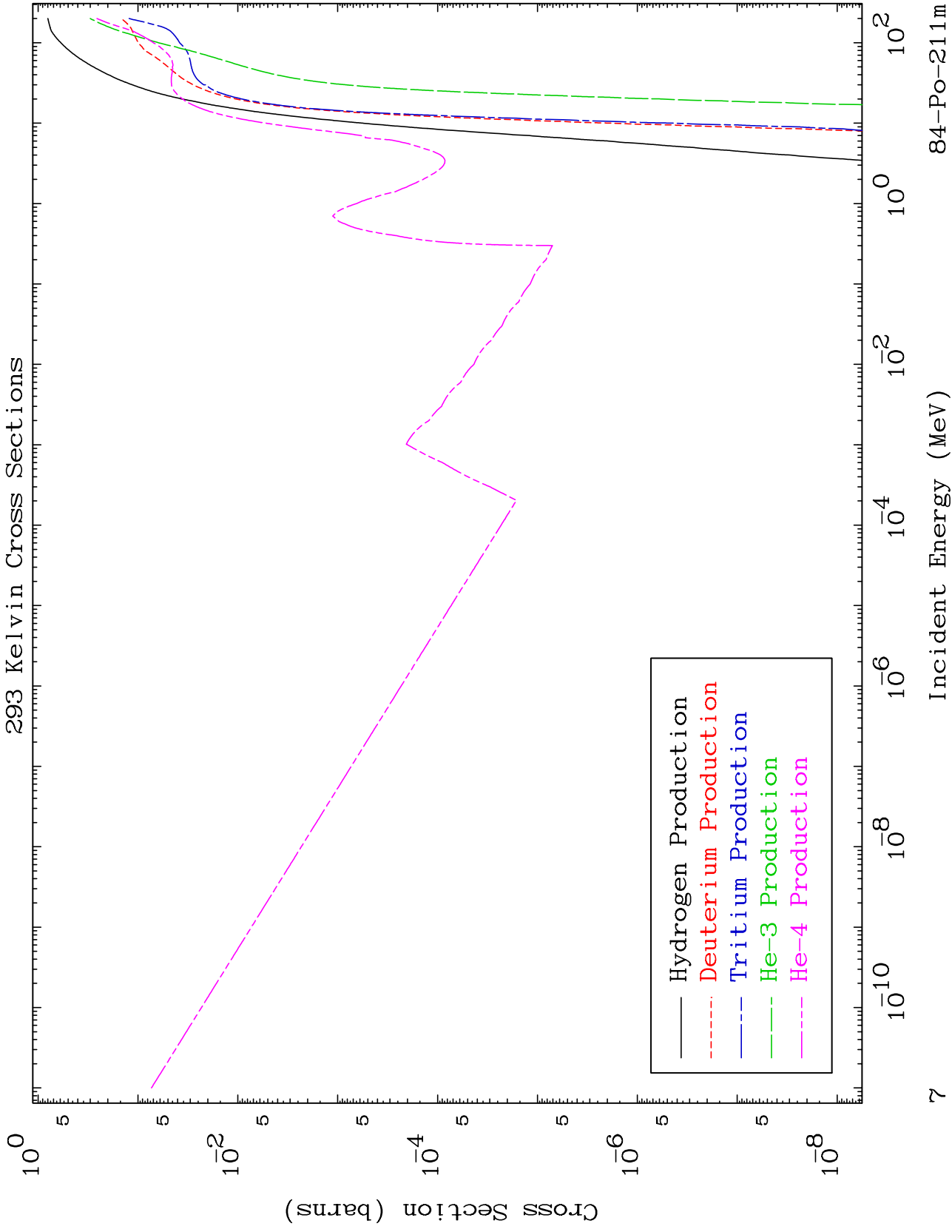
84-Po-211m



MAT 8441

Particle Production
293 Kelvin Cross Sections

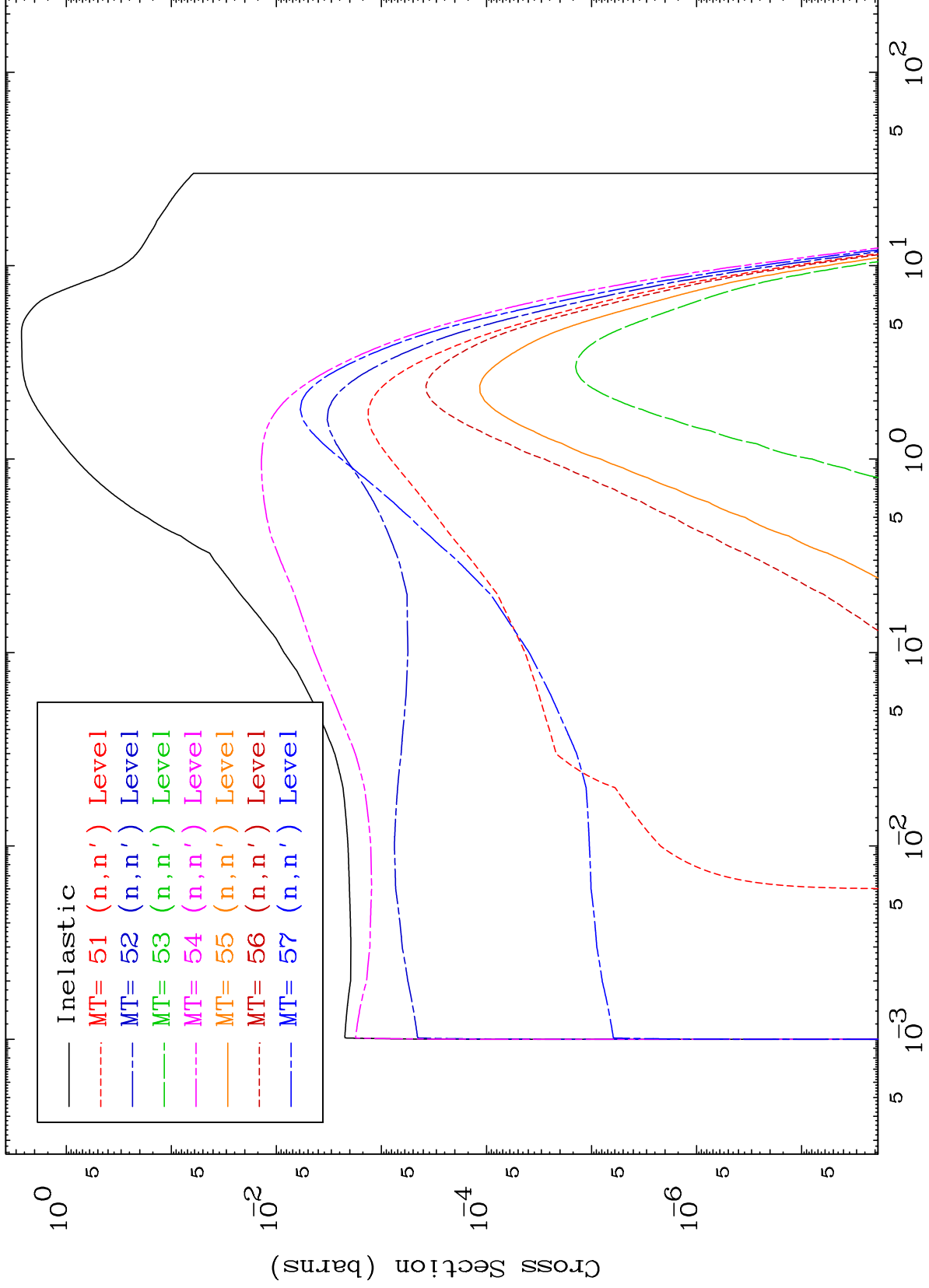
84-Po-211m



MAT 8441

(n,n') Levels
293 Kelvin Cross Sections

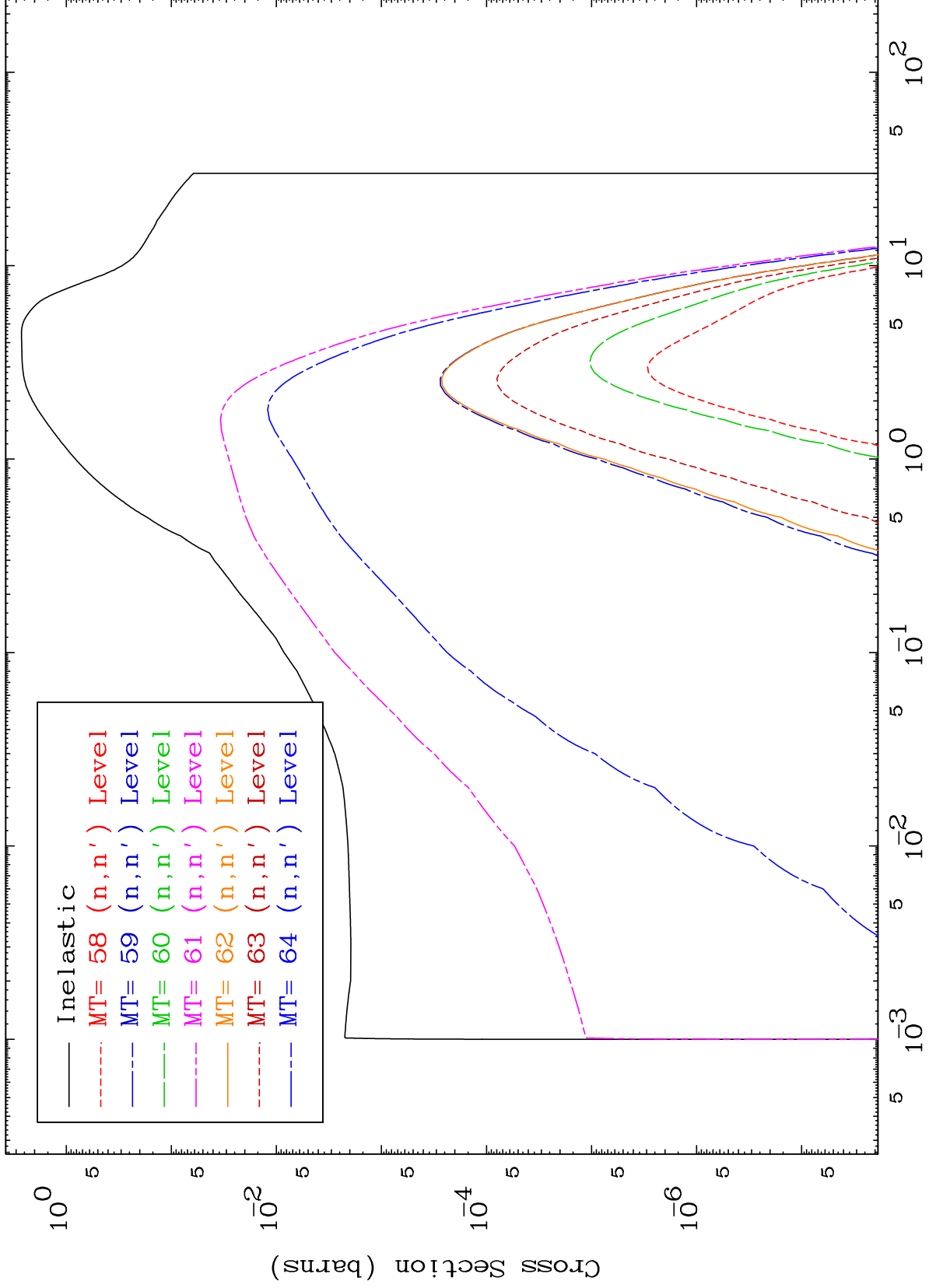
84-Po-211m



MAT 8441

(n,n') Levels
293 Kelvin Cross Sections

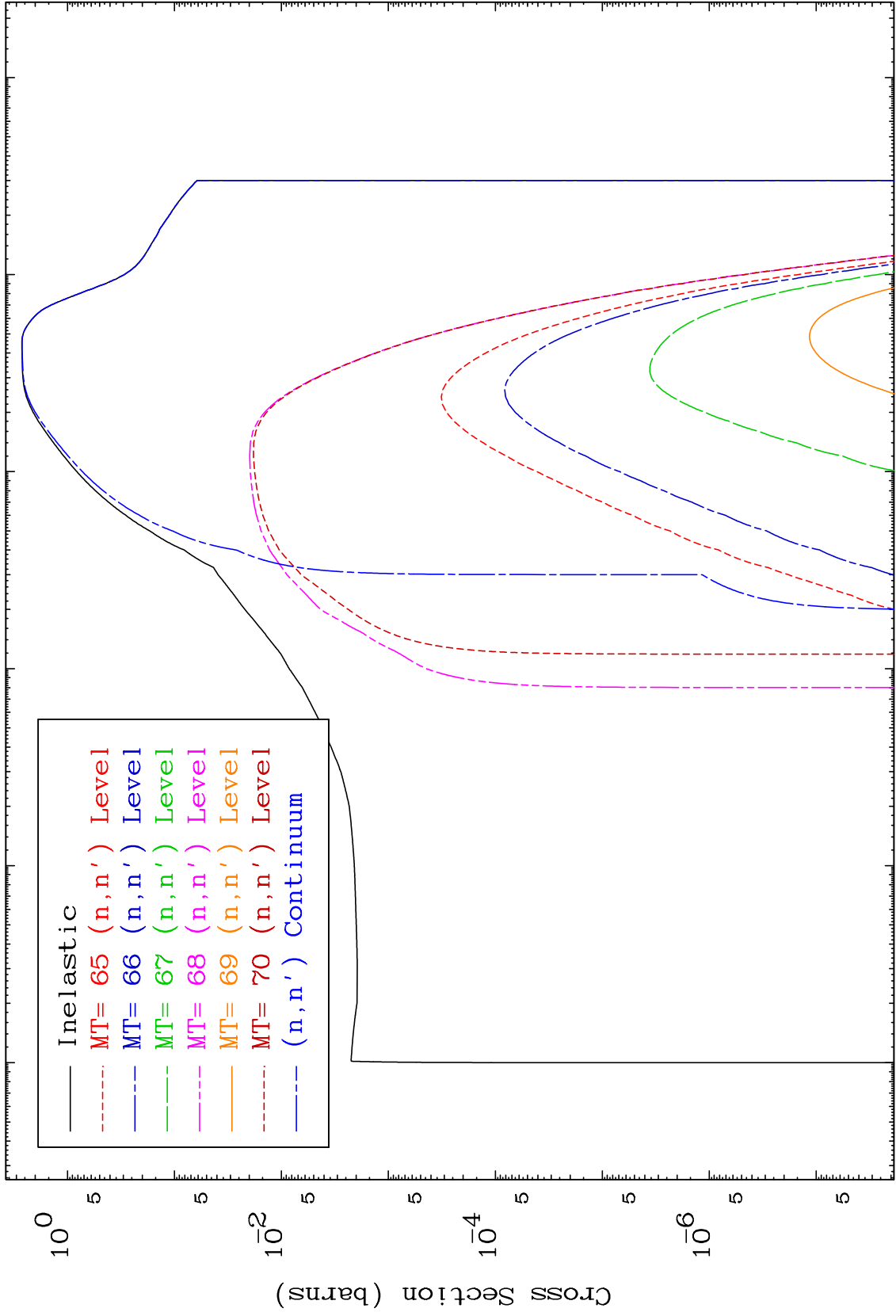
84-Po-211m



MAT 8441

(n,n') Levels
293 Kelvin Cross Sections

84-Po-211m



10

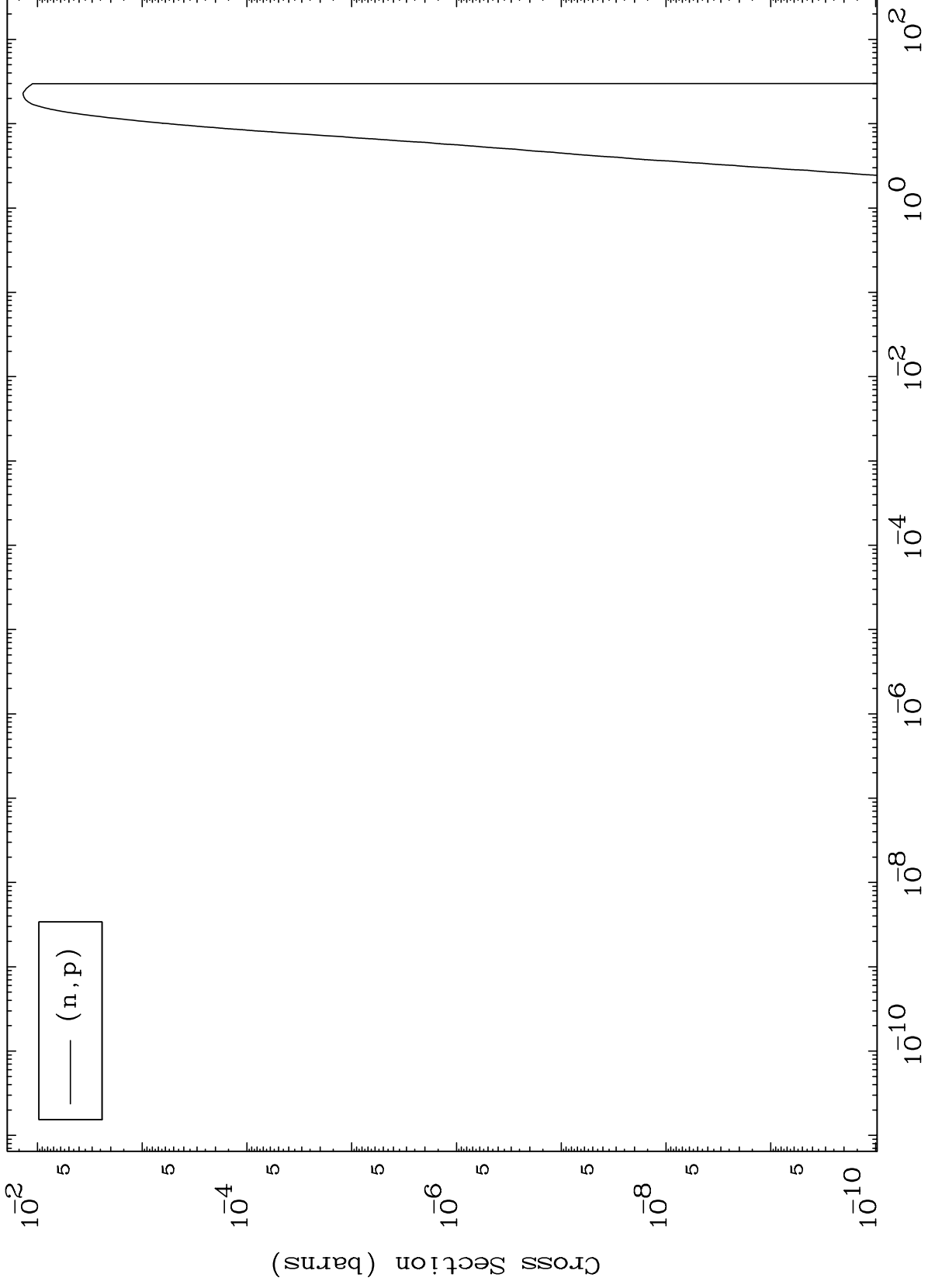
Incident Energy (MeV)

84-Po-211m

MAT 8441

(n,p) Levels
293 Kelvin Cross Sections

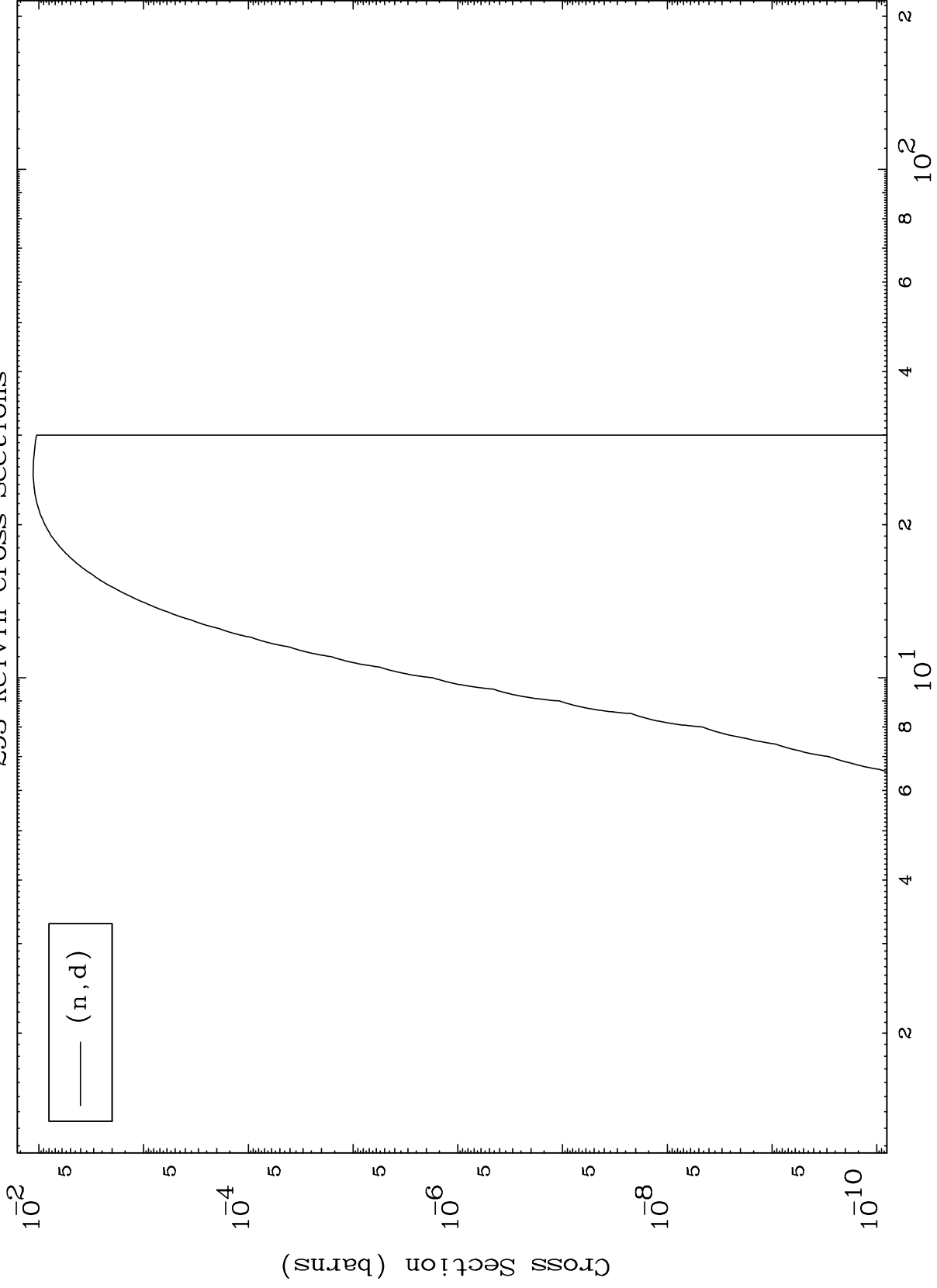
84-Po-211m



MAT 8441

(n,d) Levels
293 Kelvin Cross Sections

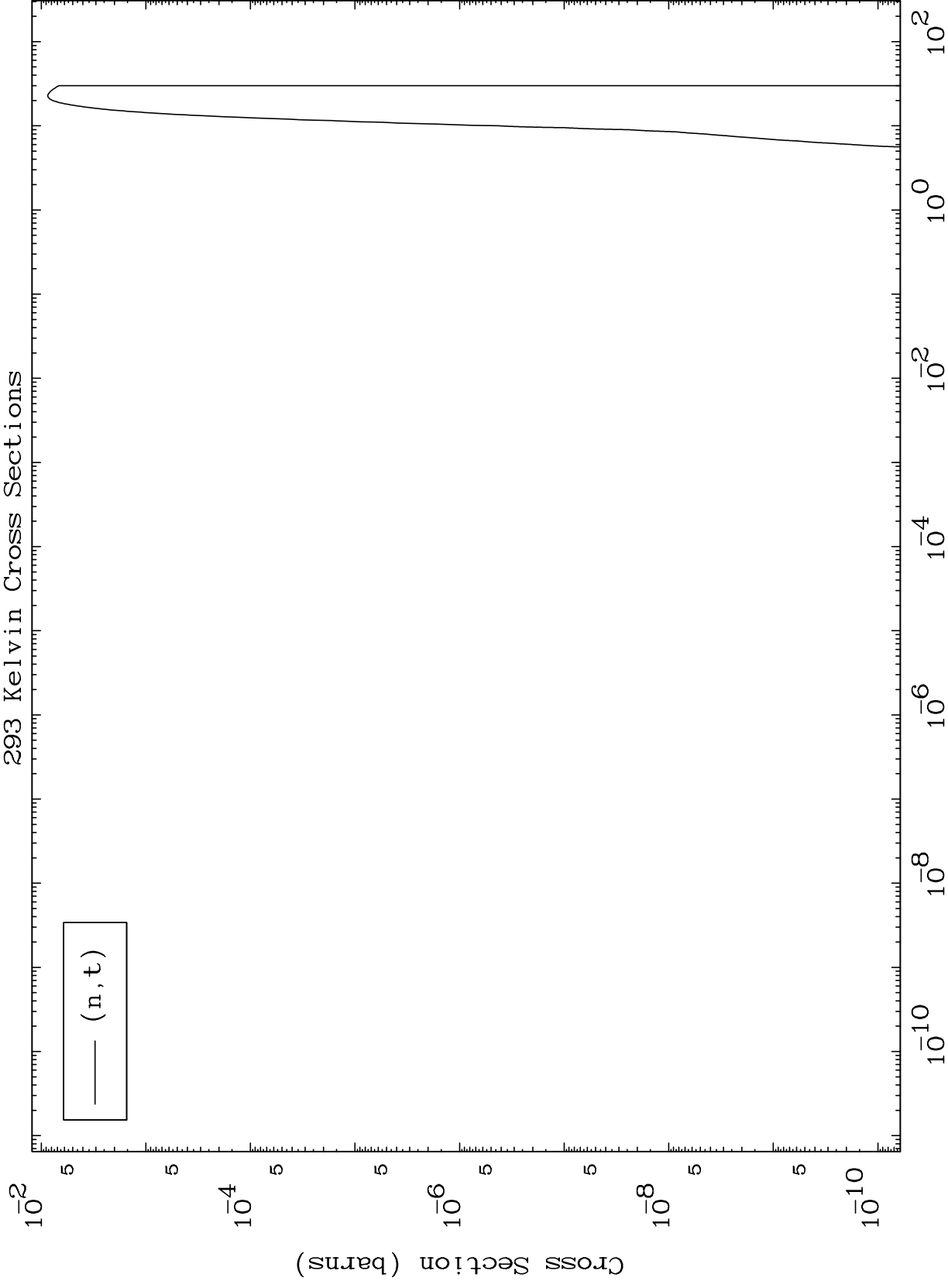
84-Po-211m



MAT 8441

(n,t) Levels
293 Kelvin Cross Sections

84-Po-211m



13

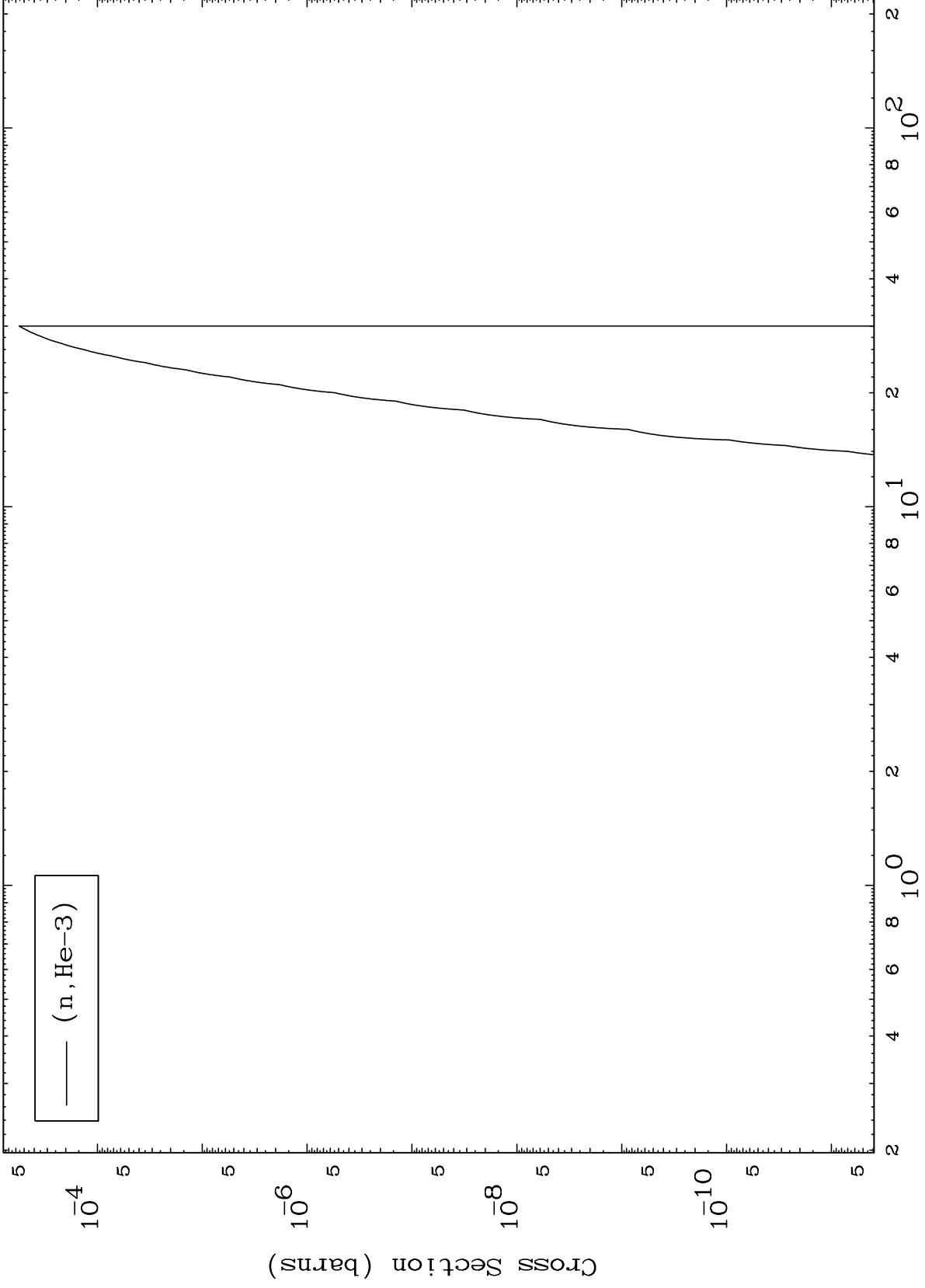
Incident Energy (MeV)

84-Po-211m

MAT 8441

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-211m



14

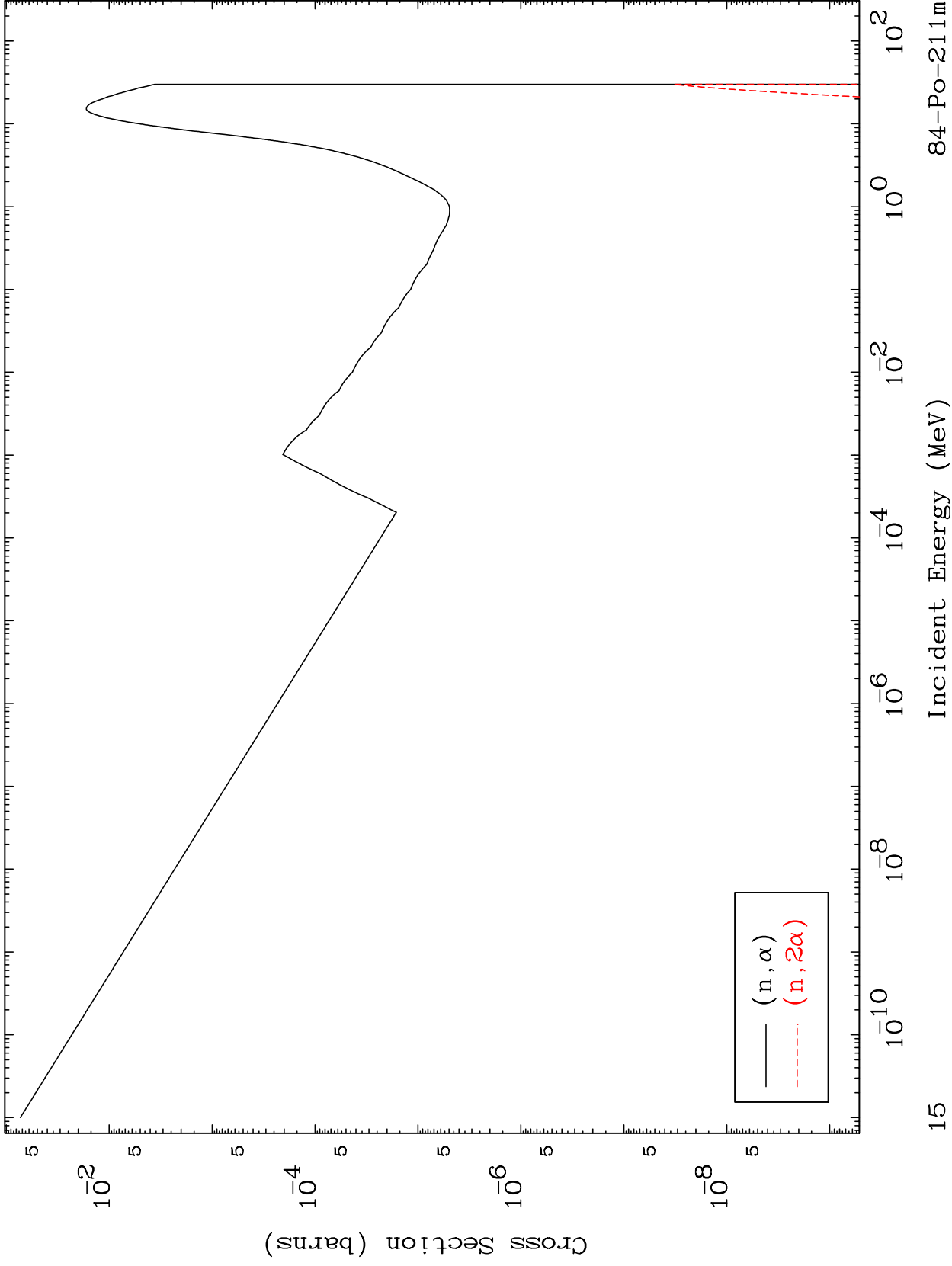
Incident Energy (MeV)

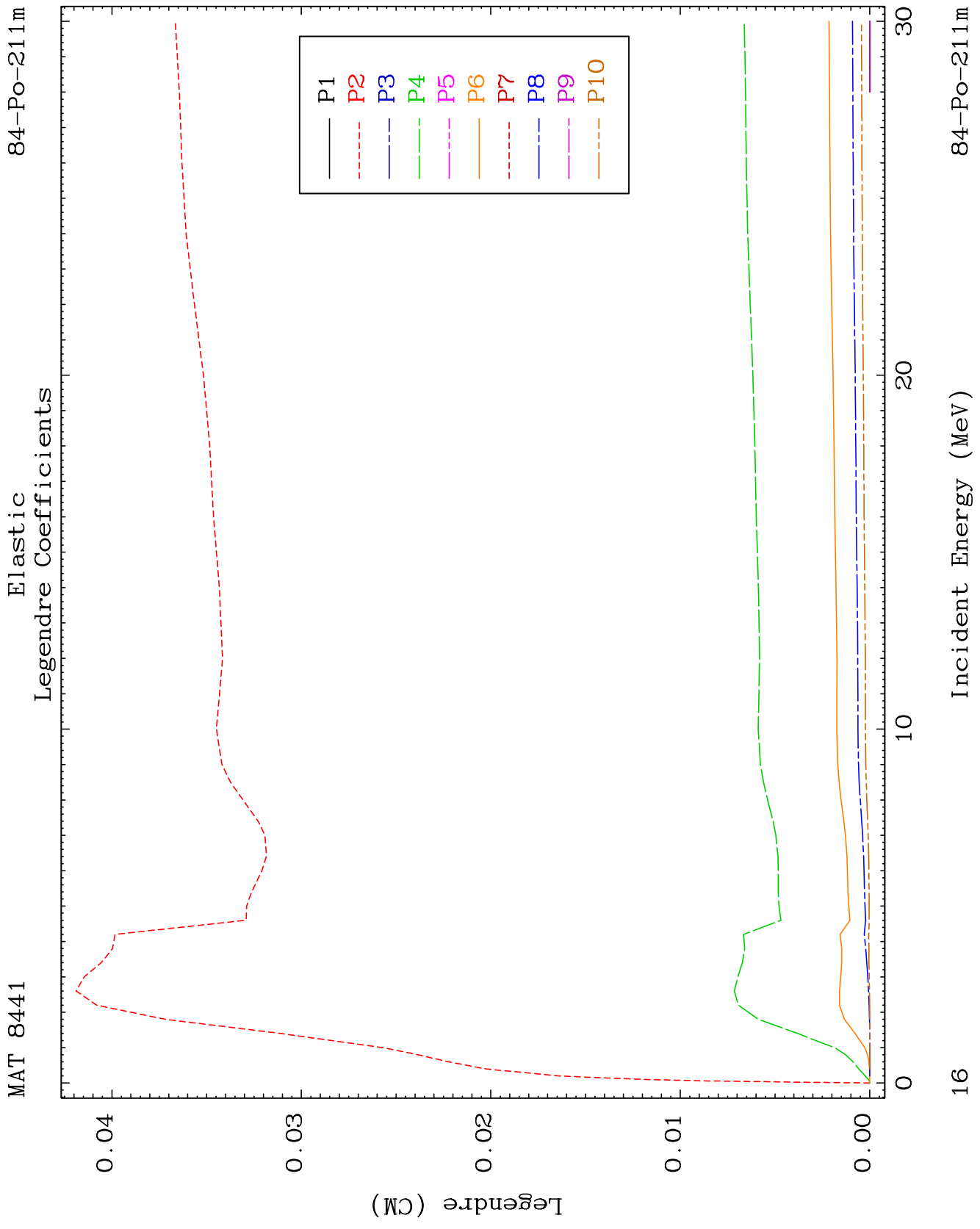
84-Po-211m

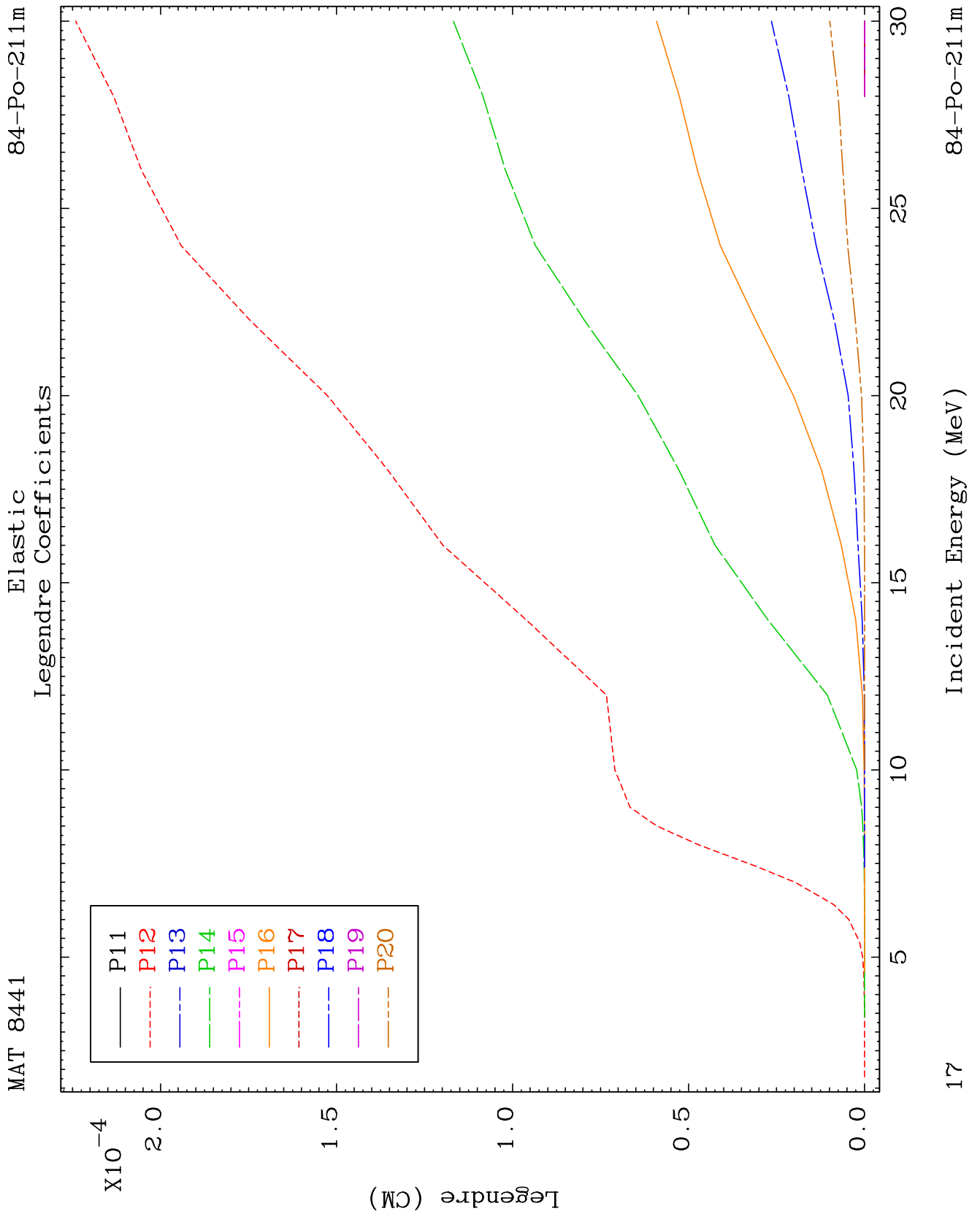
MAT 8441

(n,α) Levels
293 Kelvin Cross Sections

84-Po-211m



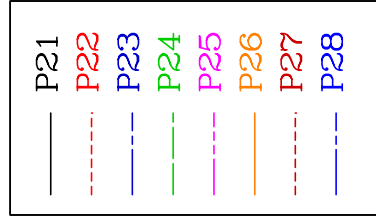




MAT 8441

Elastic
Legendre Coefficients

84-Po-211m



$\times 10^{-6}$

2.5

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

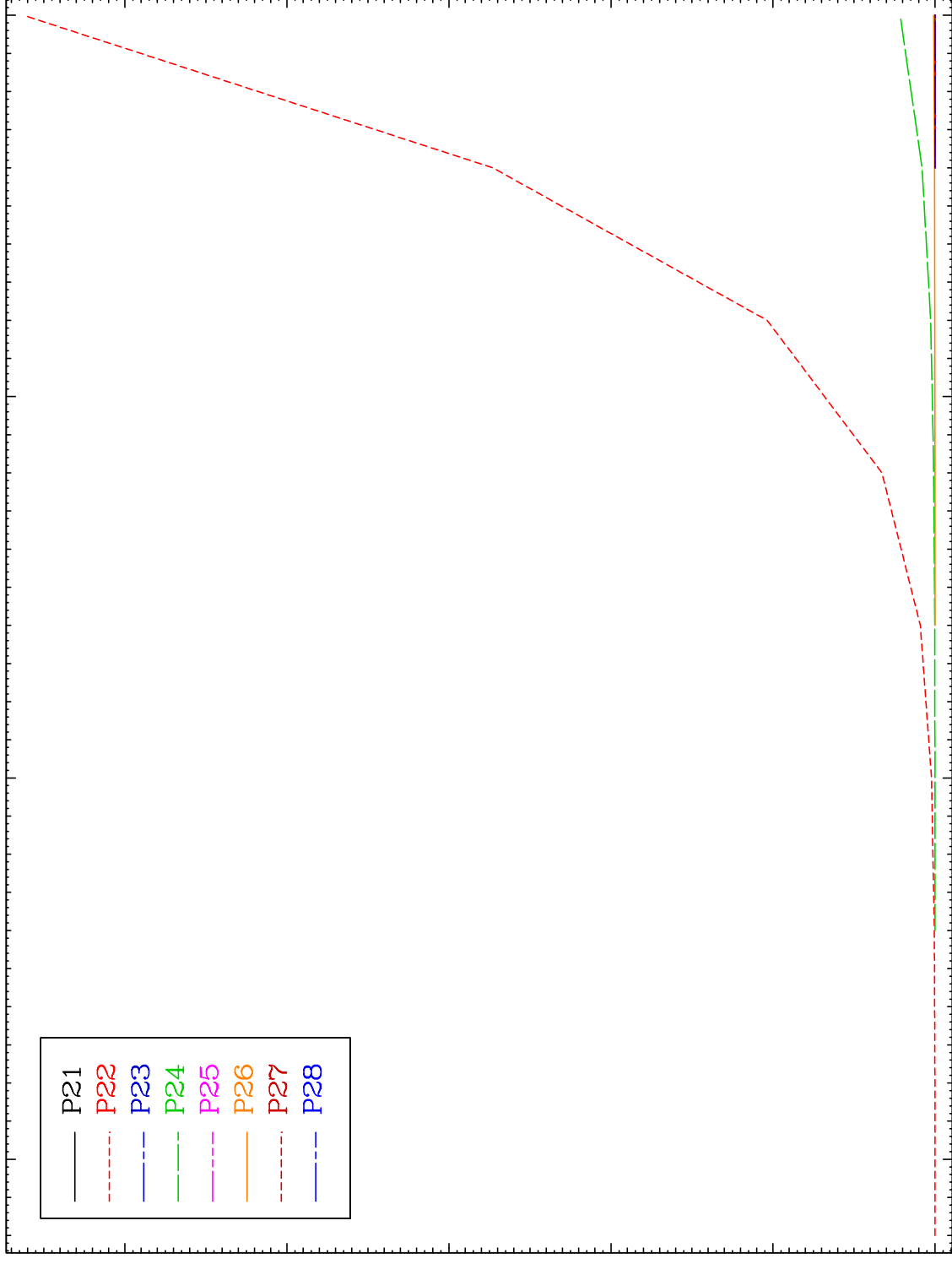
25

30

18

Incident Energy (MeV)

84-Po-211m

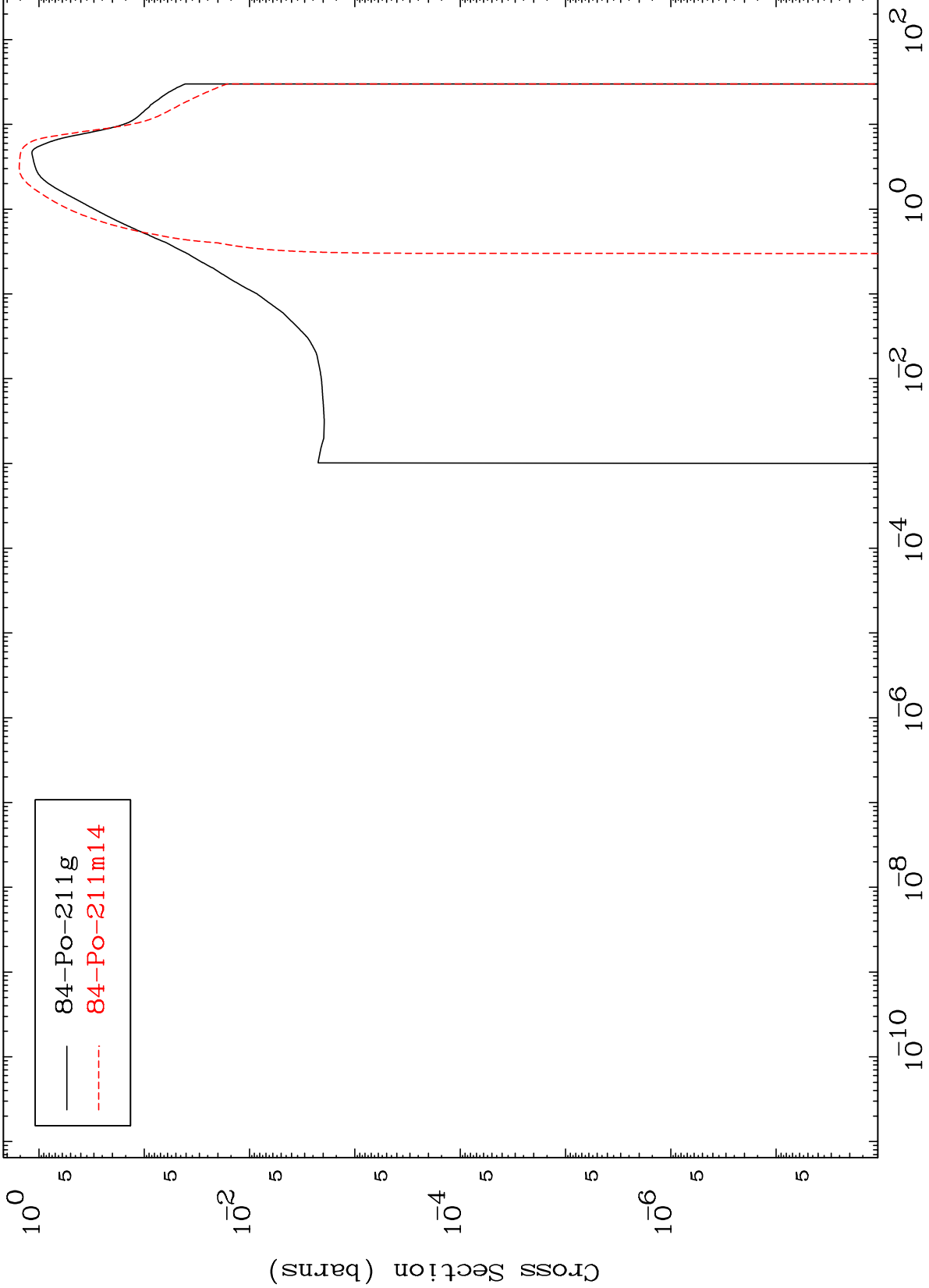


MAT 8441

Inelastic

84-Po-211m

Radionuclide Production Cross Section



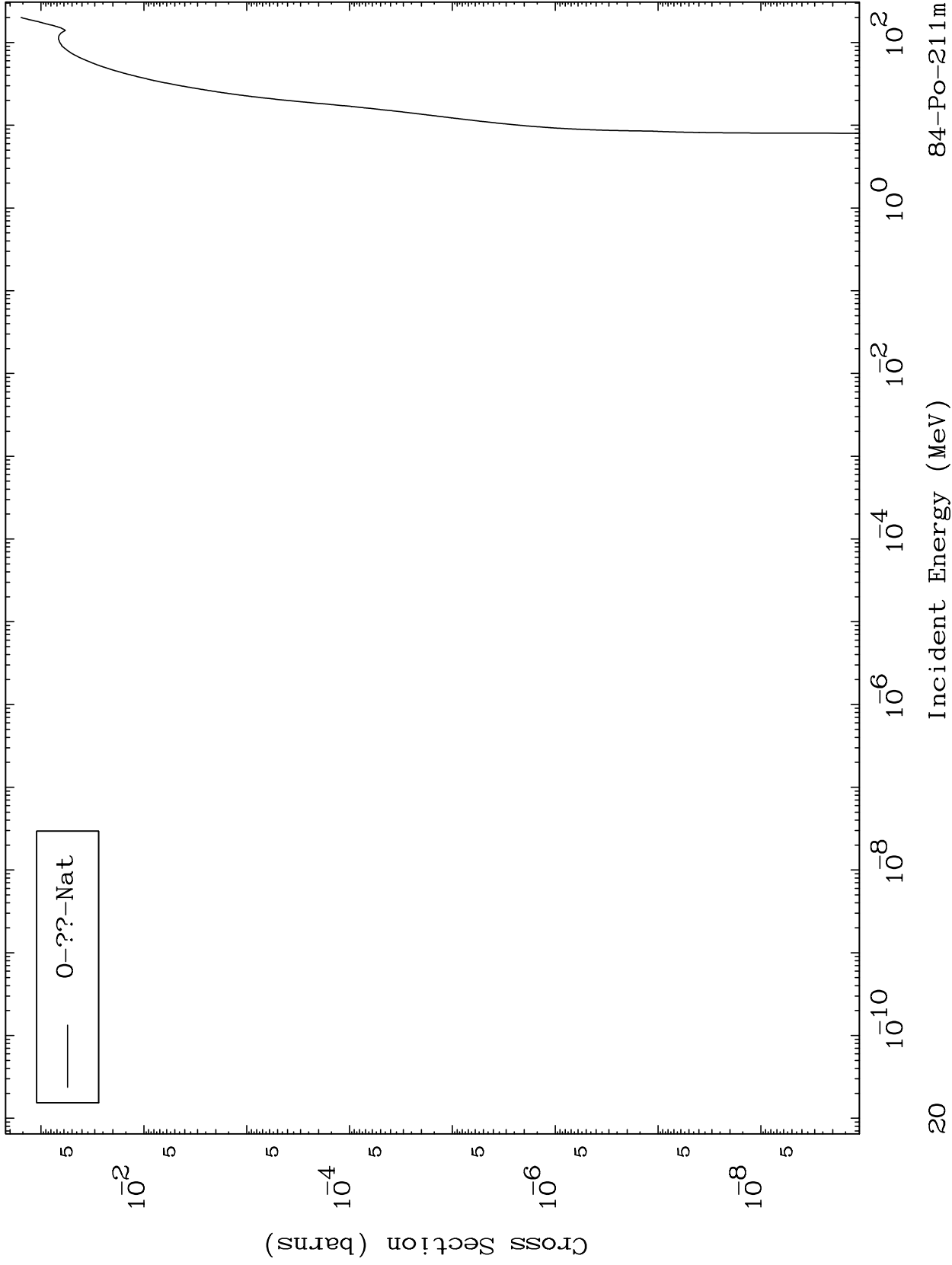
84-Po-211g
84-Po-211m14

MAT 8441

Fission

84-Po-211m

Radionuclide Production Cross Section

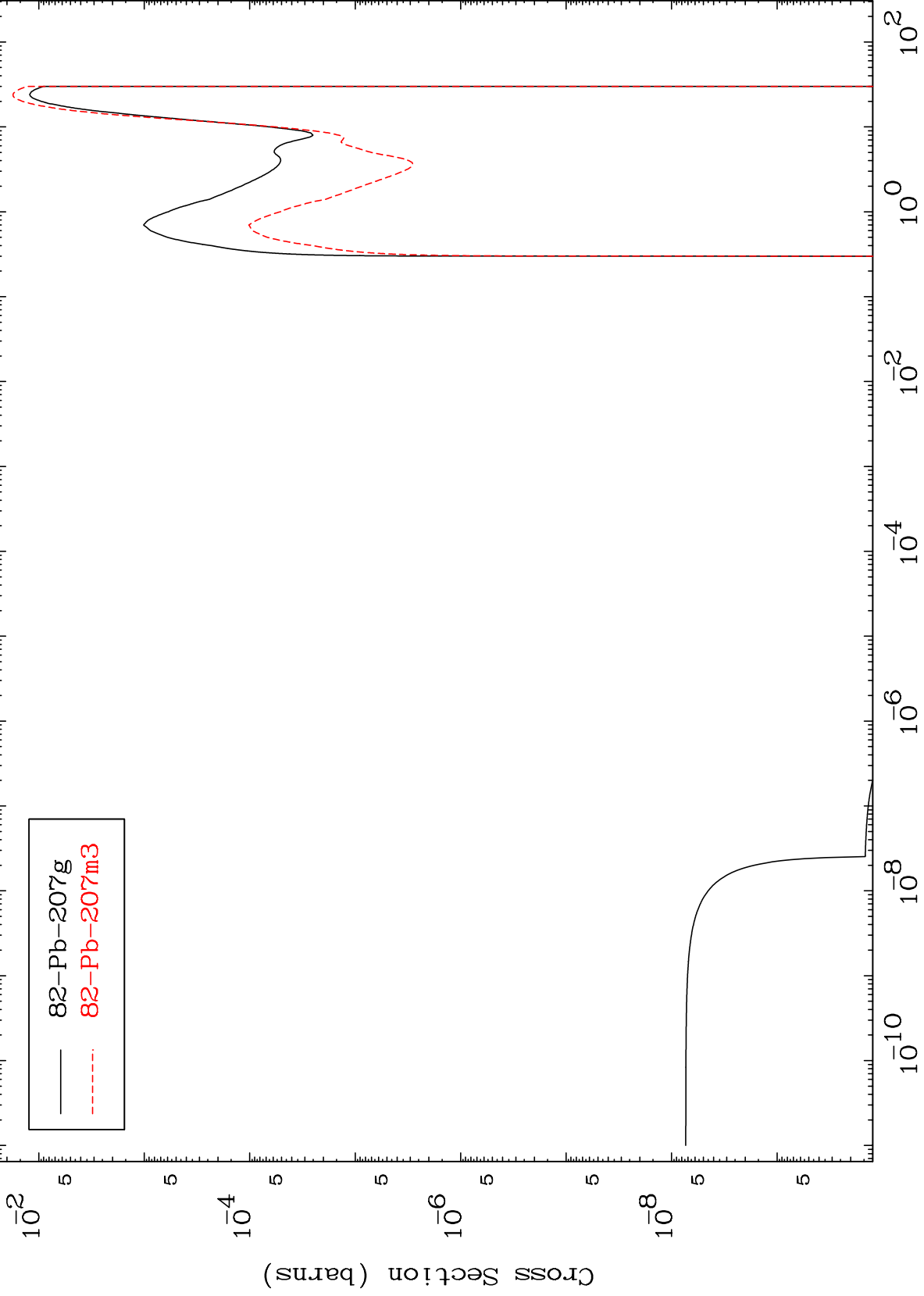


MAT 8441

$(n, n') \alpha$

84-Po-211m

Radionuclide Production Cross Section

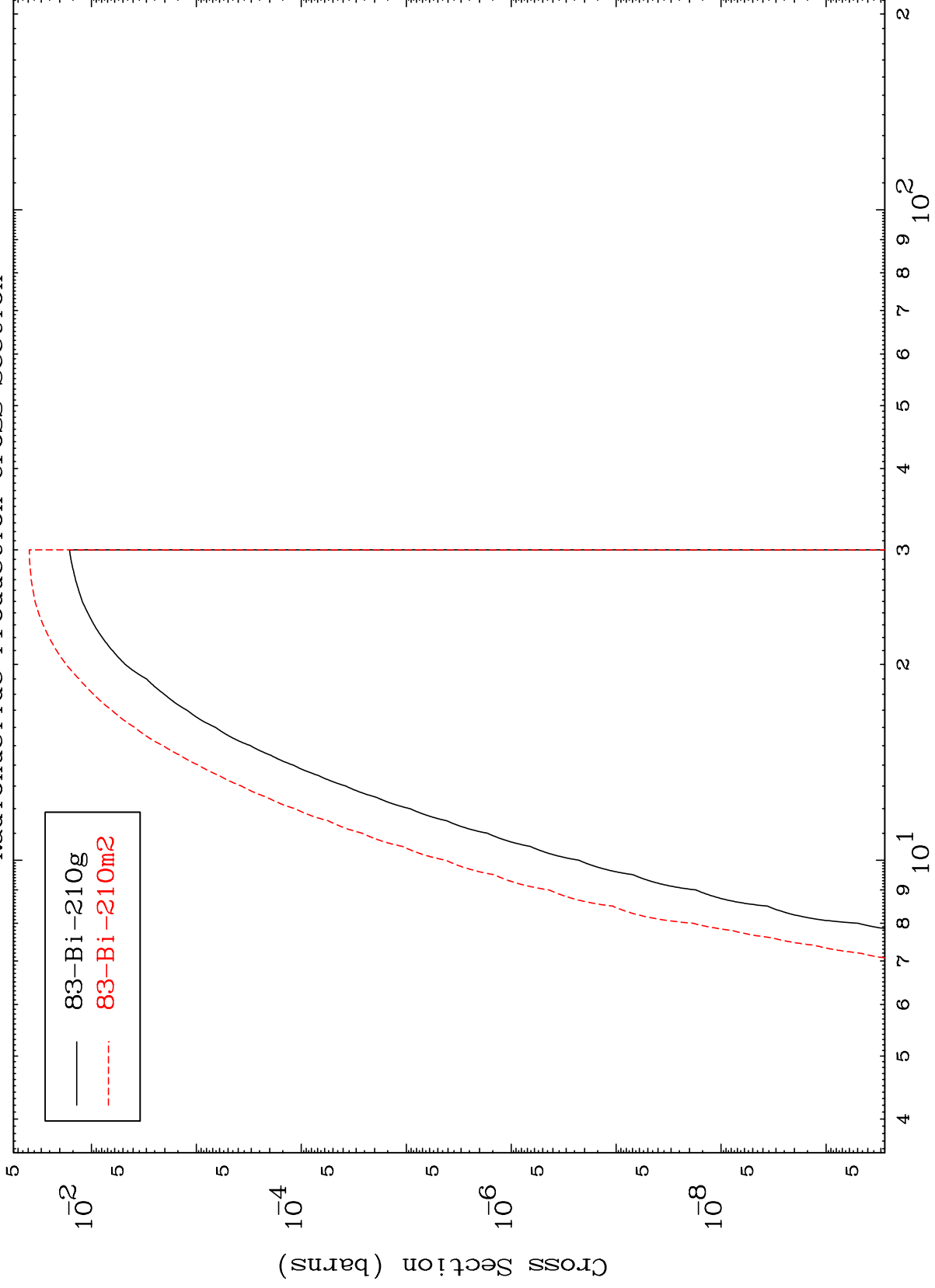


MAT 8441

(n,n') p

84-Po-211m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

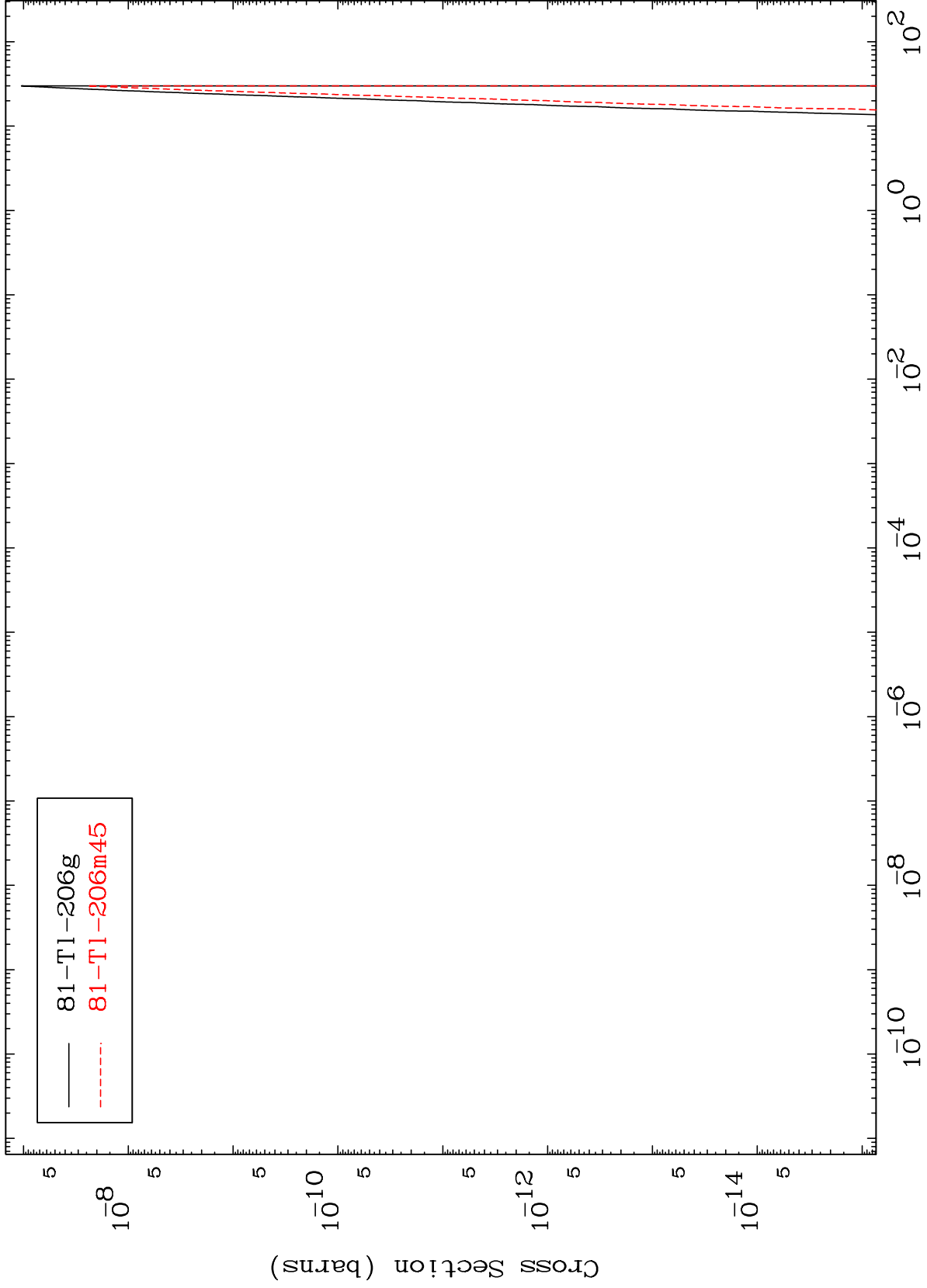
84-Po-211m

MAT 8441

(n,n') p α

84-Po-211m

Radionuclide Production Cross Section



23

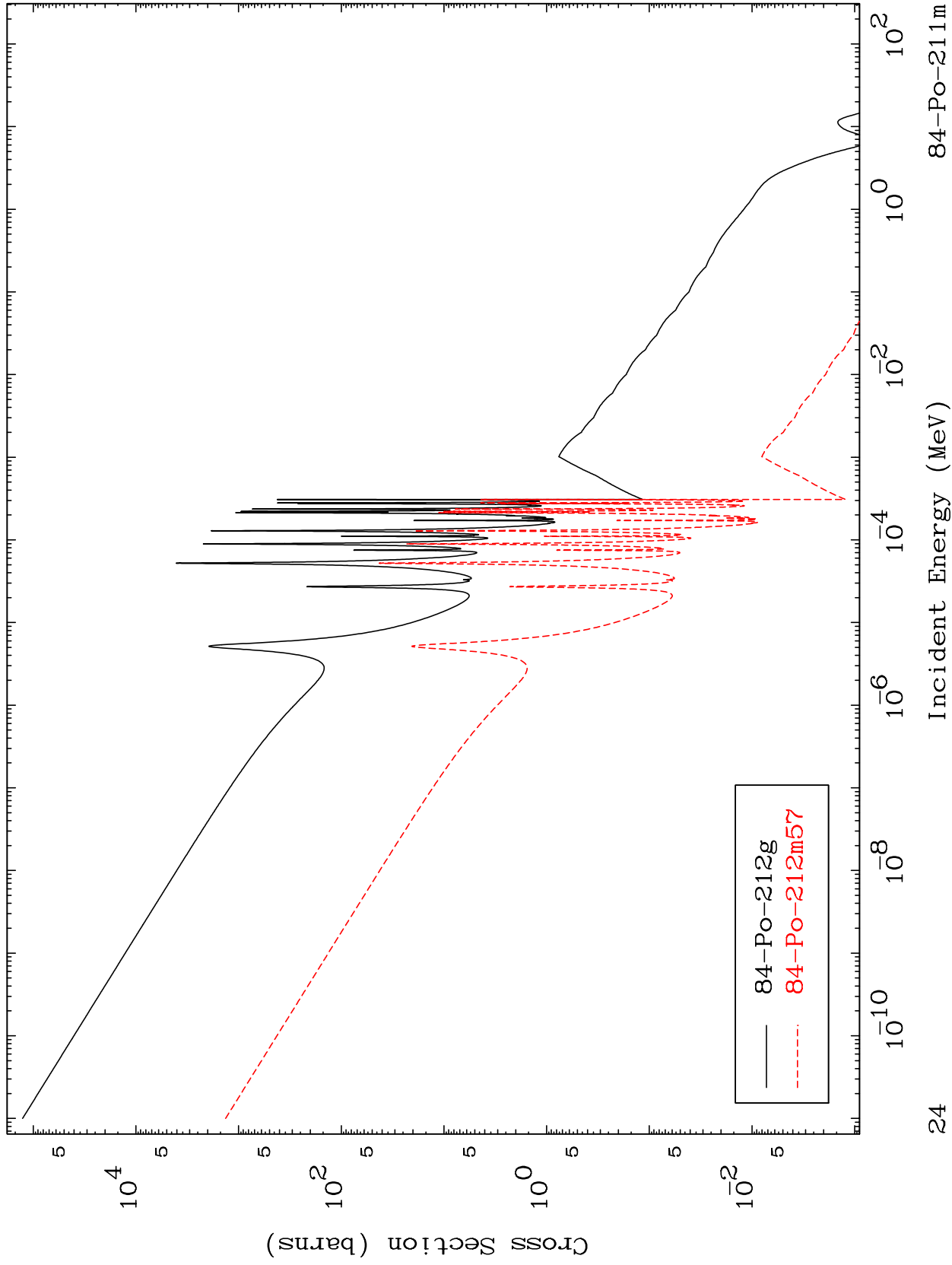
Incident Energy (MeV)

84-Po-211m

MAT 8441

84-Po-211m

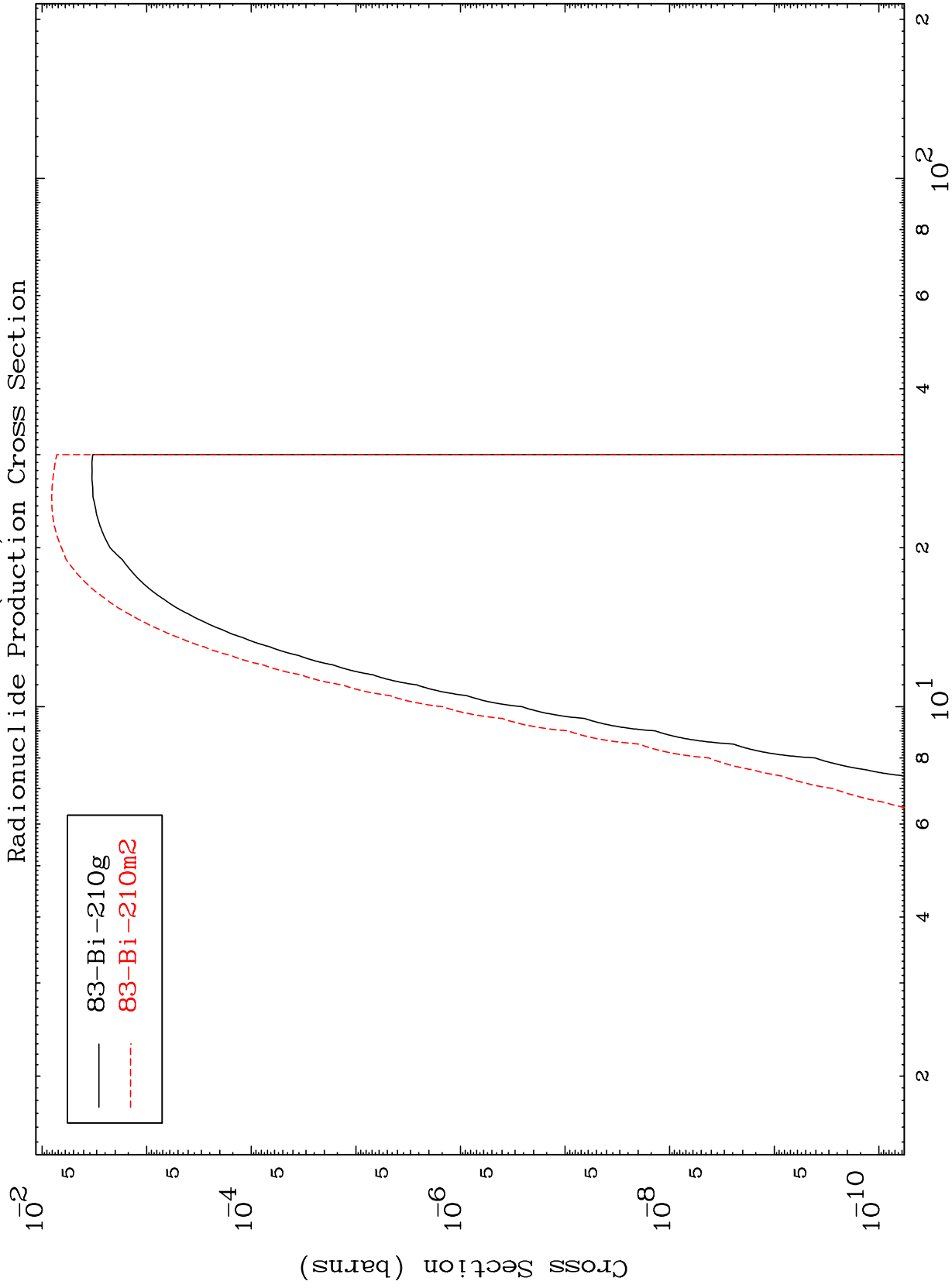
(n, γ)
Radionuclide Production Cross Section



MAT 8441

84-Po-211m

(n,d)
Radionuclide Production Cross Section



84-Po-211m

Incident Energy (MeV)

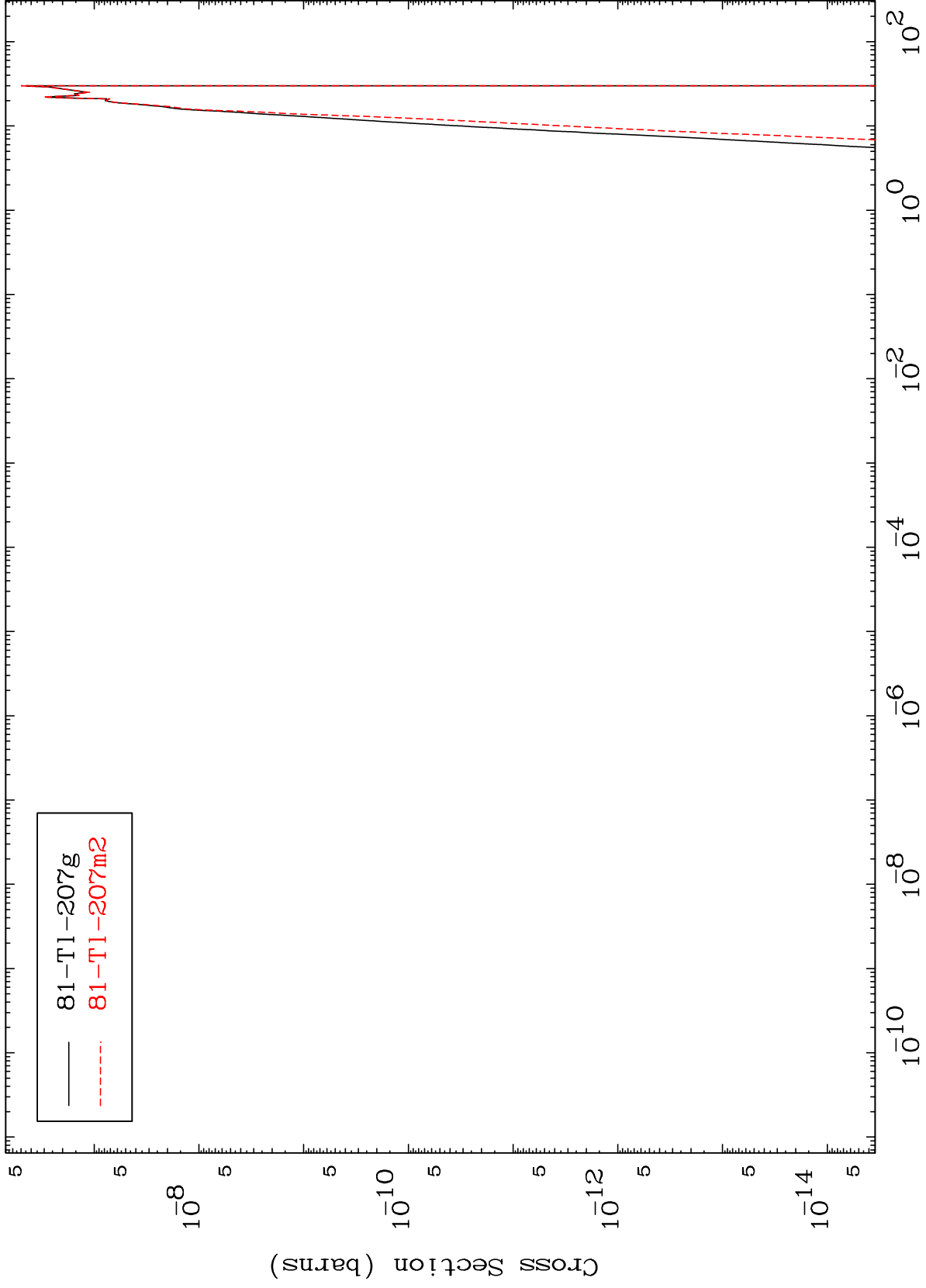
25

MAT 8441

(n,p) α

84-Po-211m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

84-Po-211m

MAT 8441

(n,d) α

84-Po-211m

Radionuclide Production Cross Section

