

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

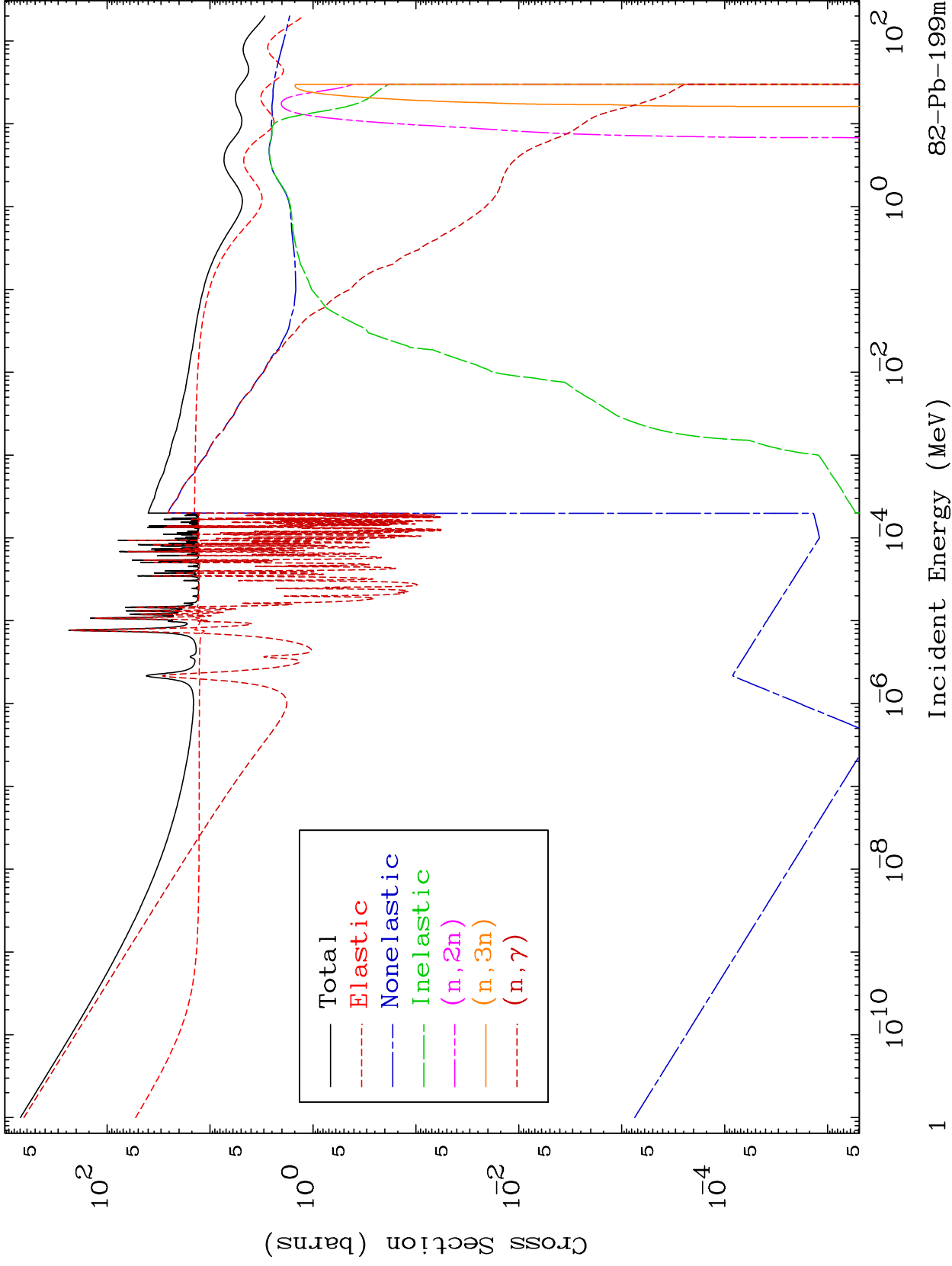
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8211

Neutron Major
293 Kelvin Cross Sections

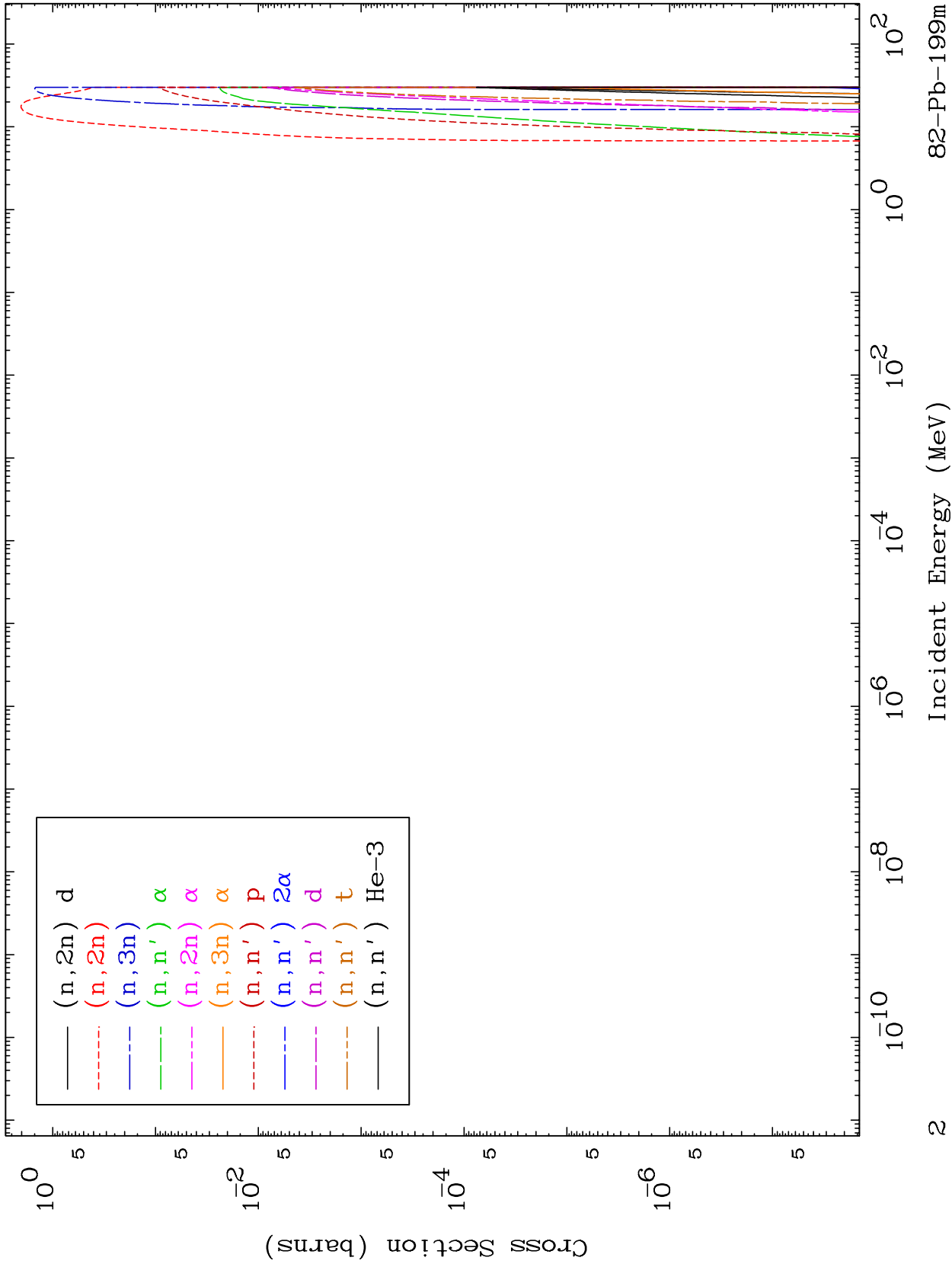
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

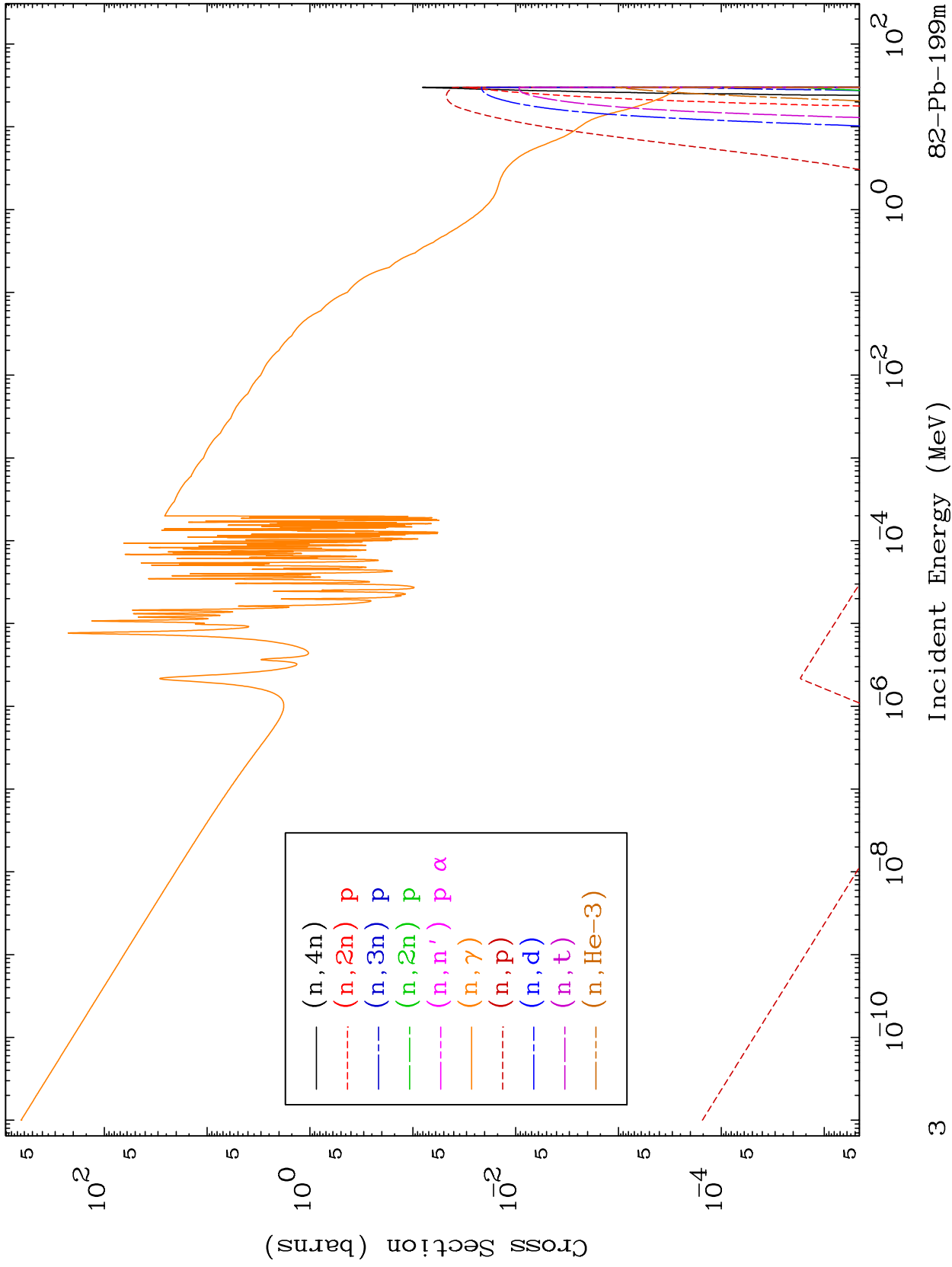
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

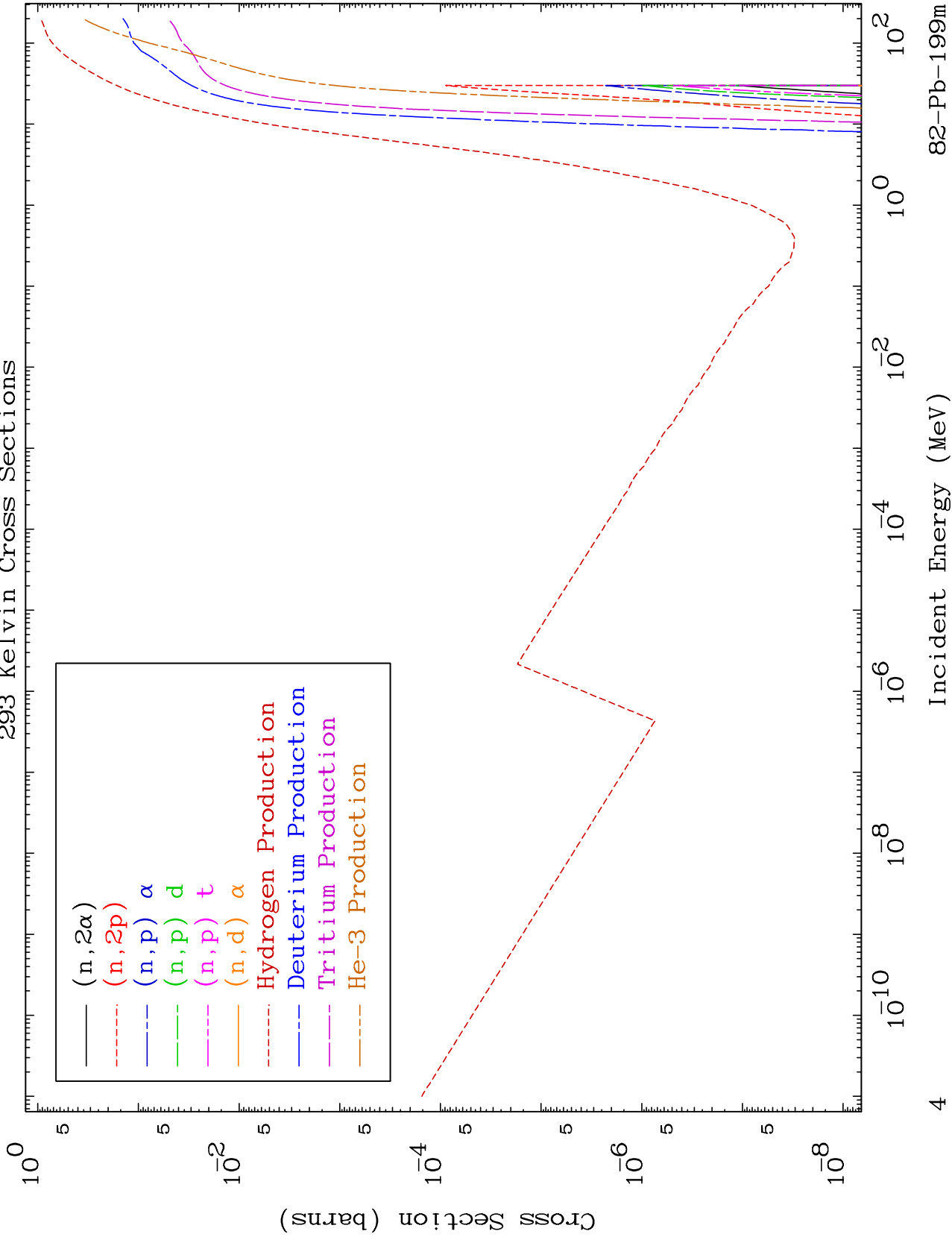
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

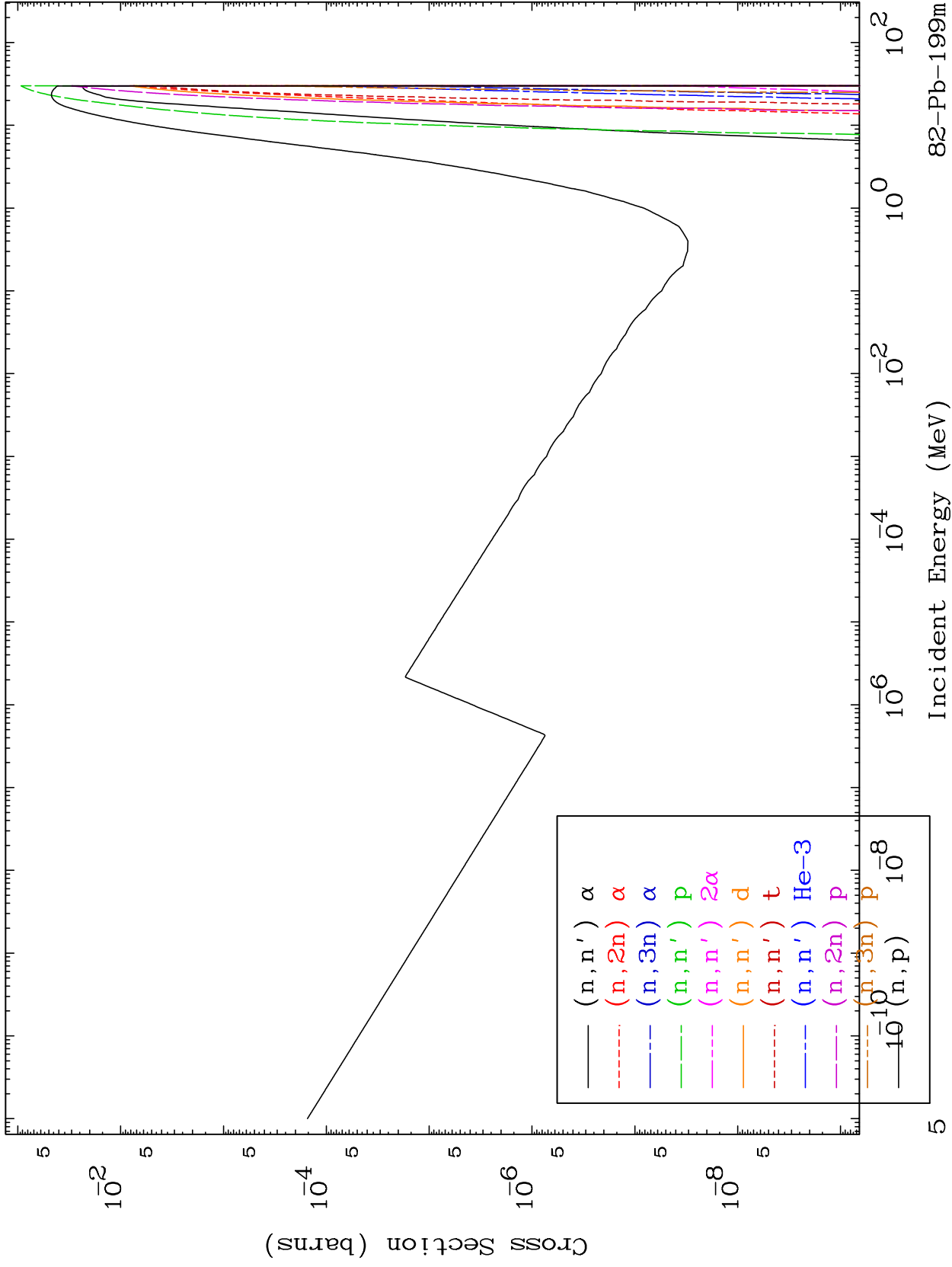
82-Pb-199m



MAT 8211

Charged Particle
293 Kelvin Cross Sections

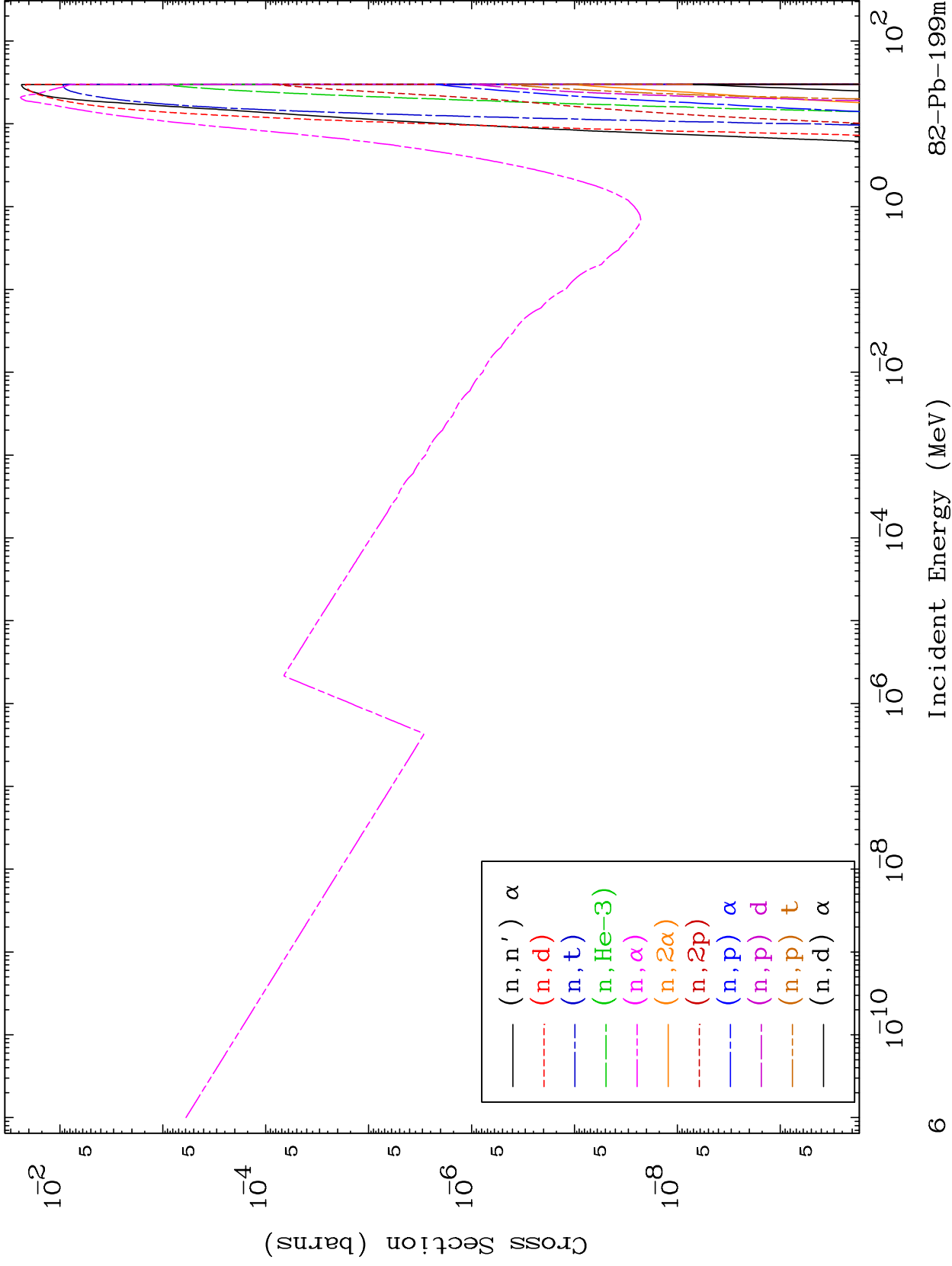
82-Pb-199m



MAT 8211

Charged Particle
293 Kelvin Cross Sections

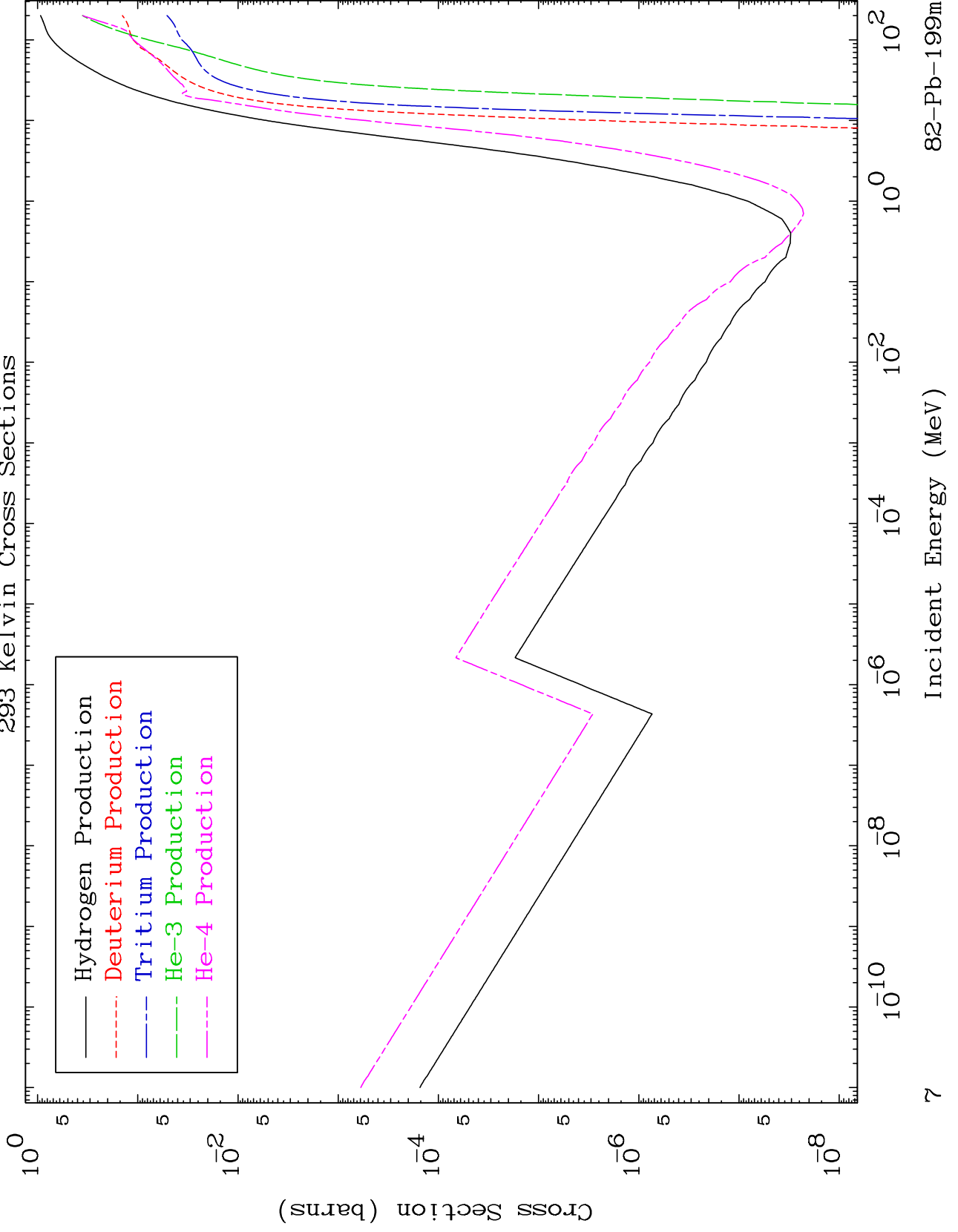
82-Pb-199m



MAT 8211

Particle Production
293 Kelvin Cross Sections

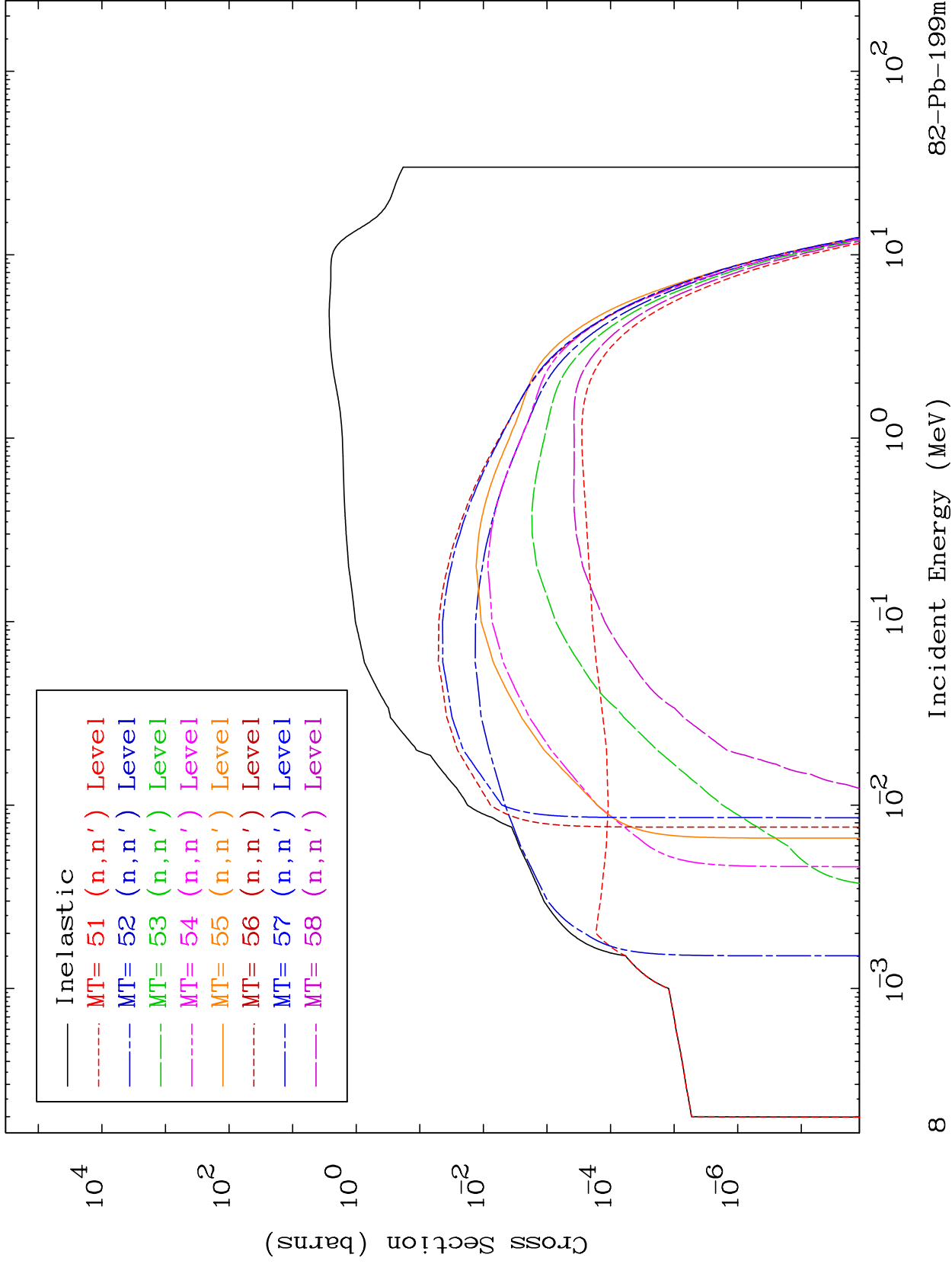
82-Pb-199m



MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

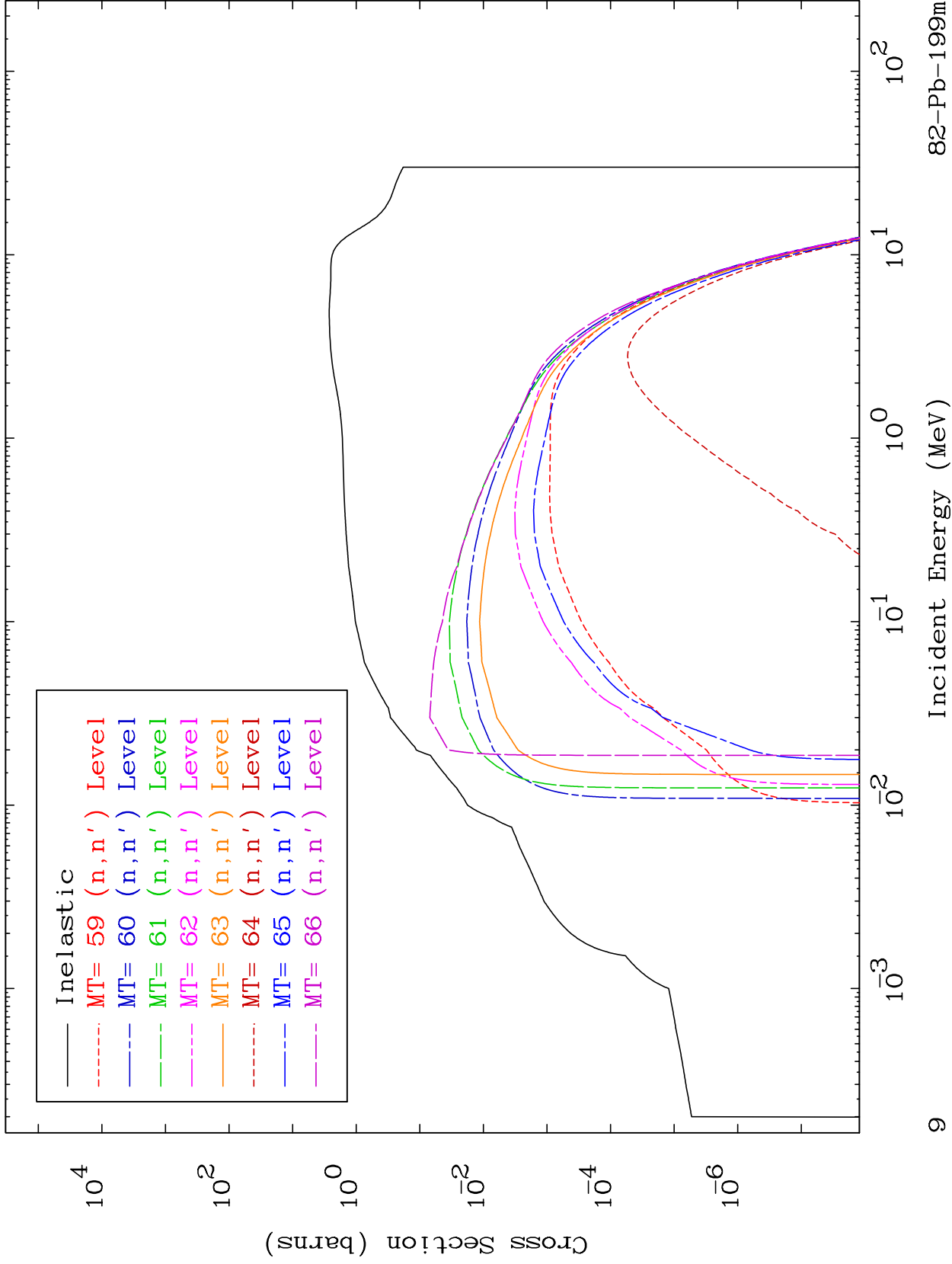
82-Pb-199m



MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

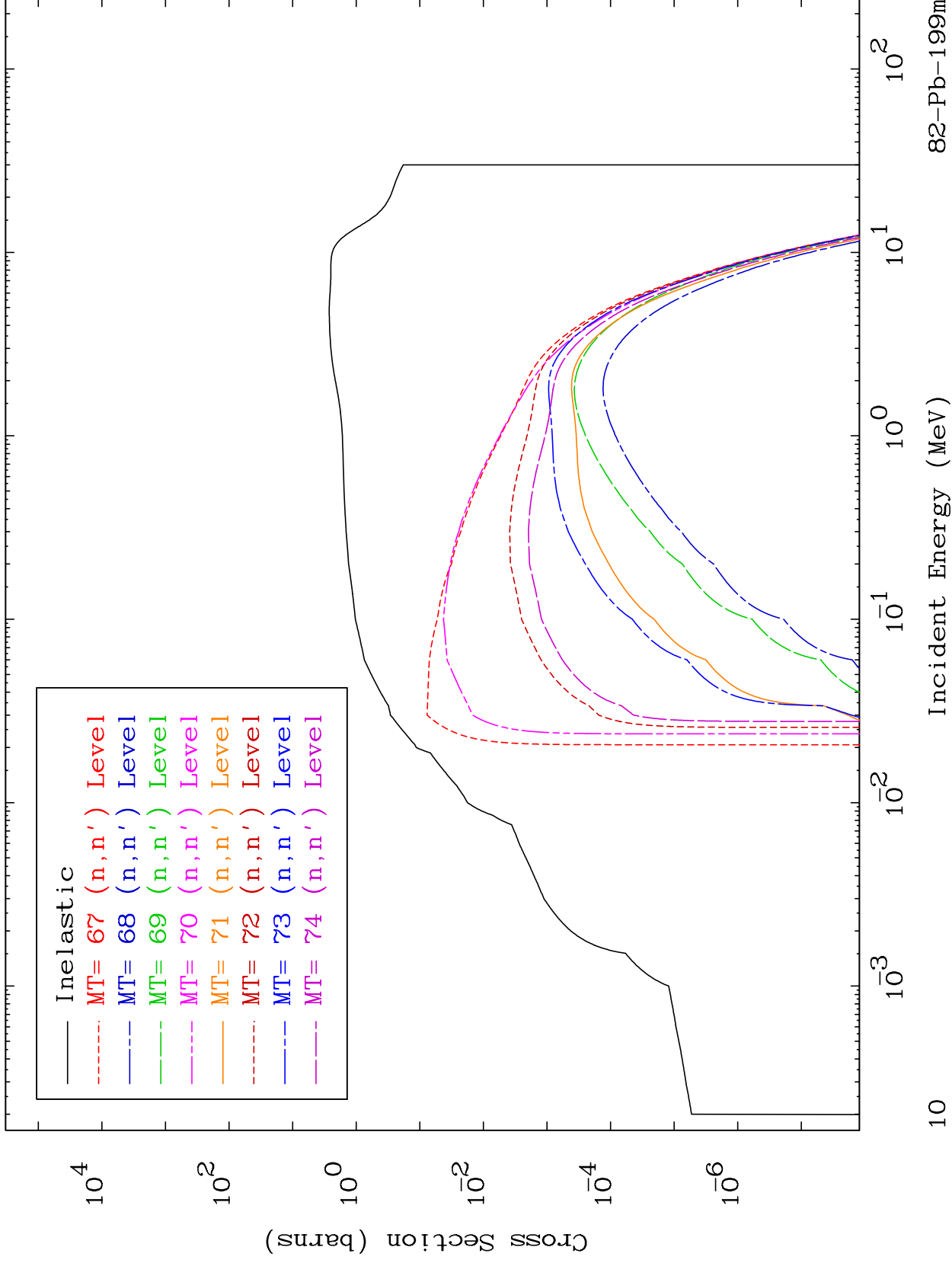
82-Pb-199m



MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-199m



10

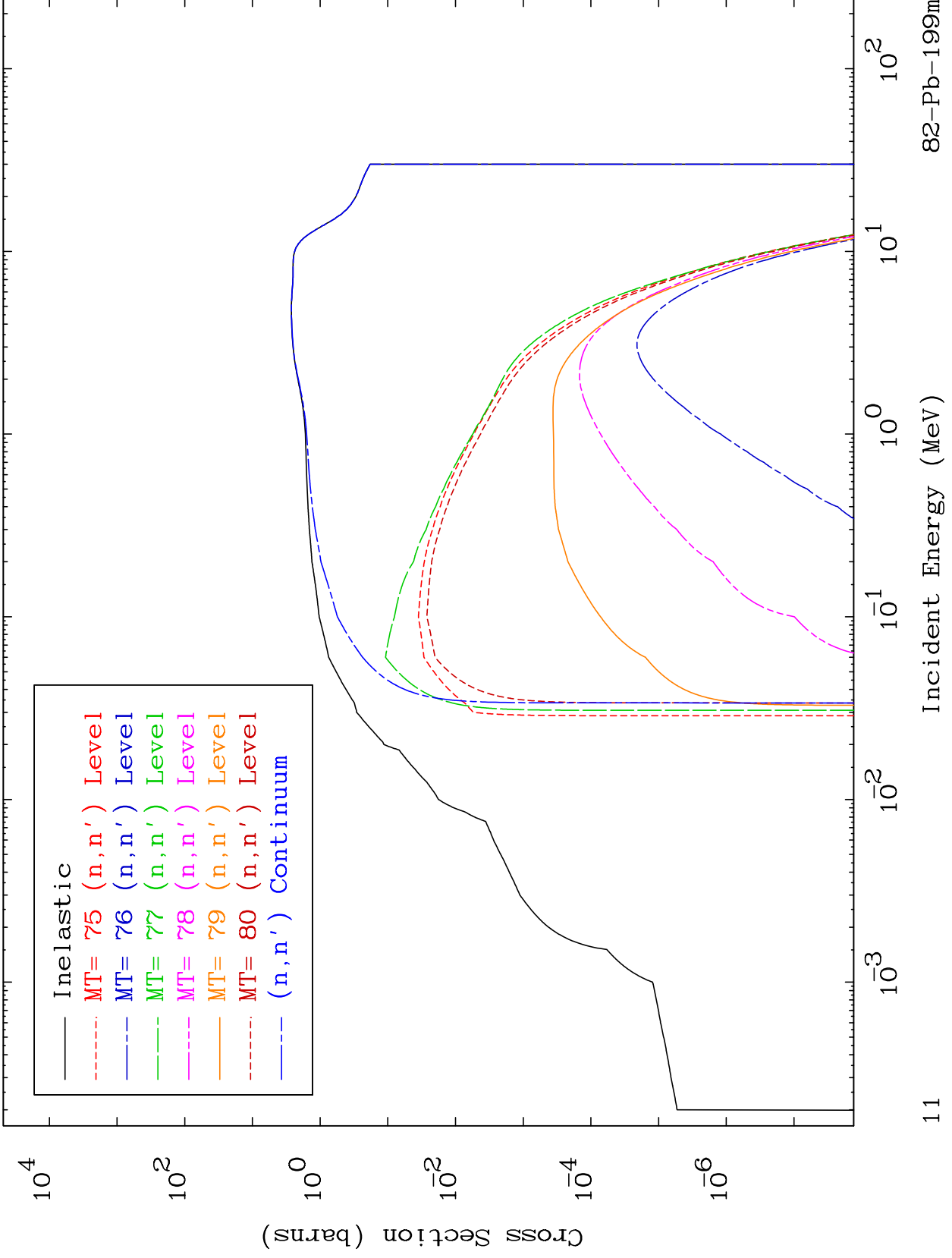
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

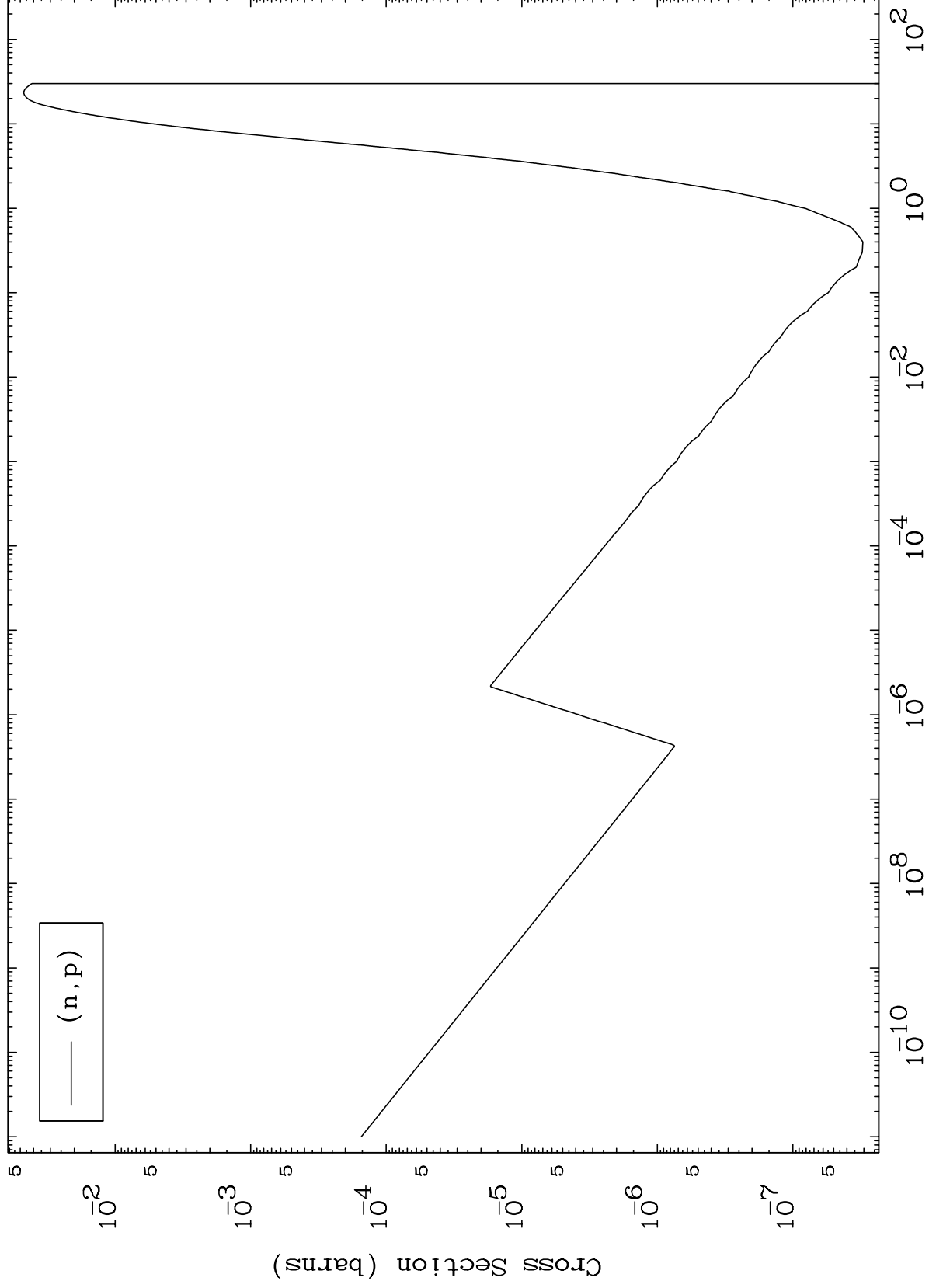
82-Pb-199m



MAT 8211

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-199m



12

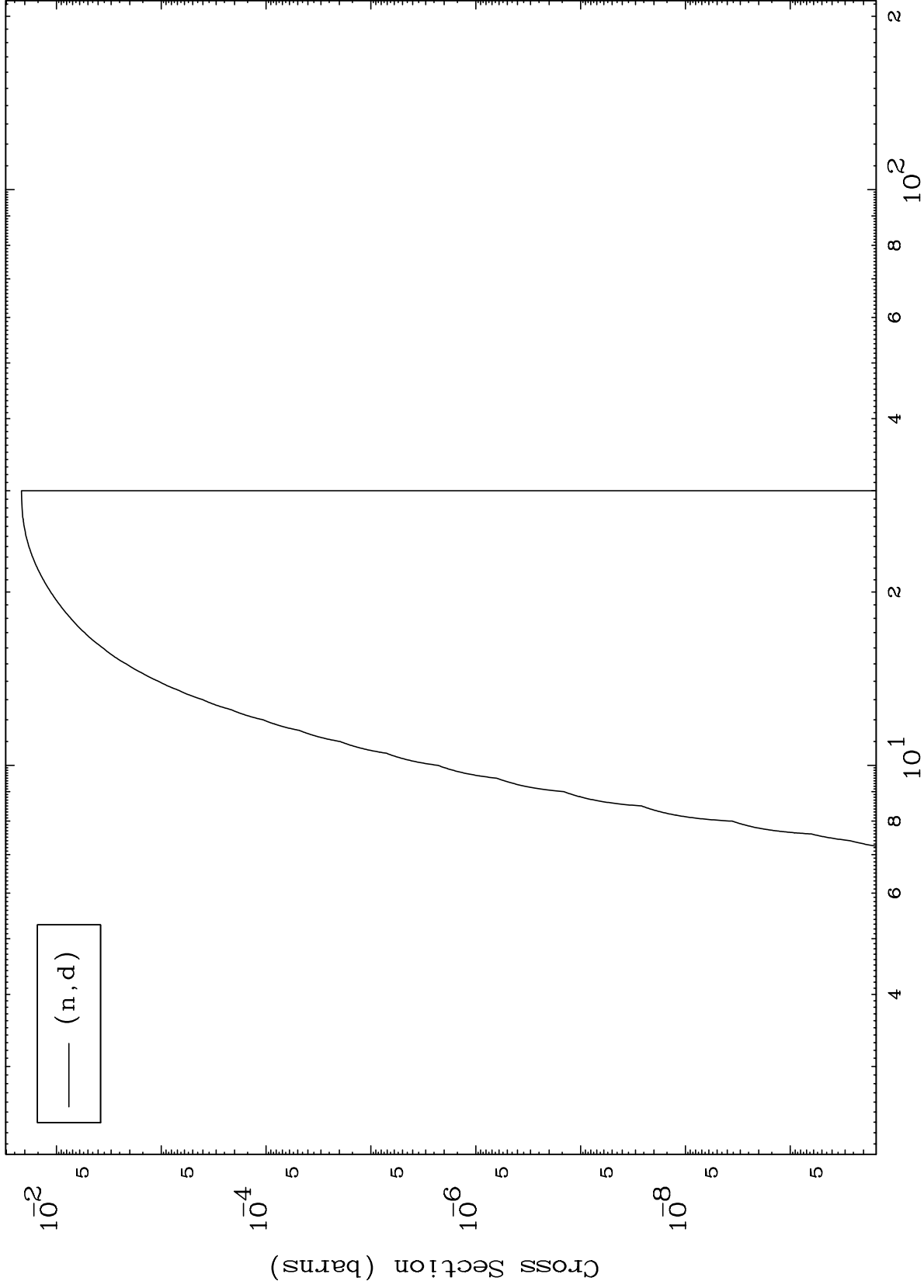
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-199m



13

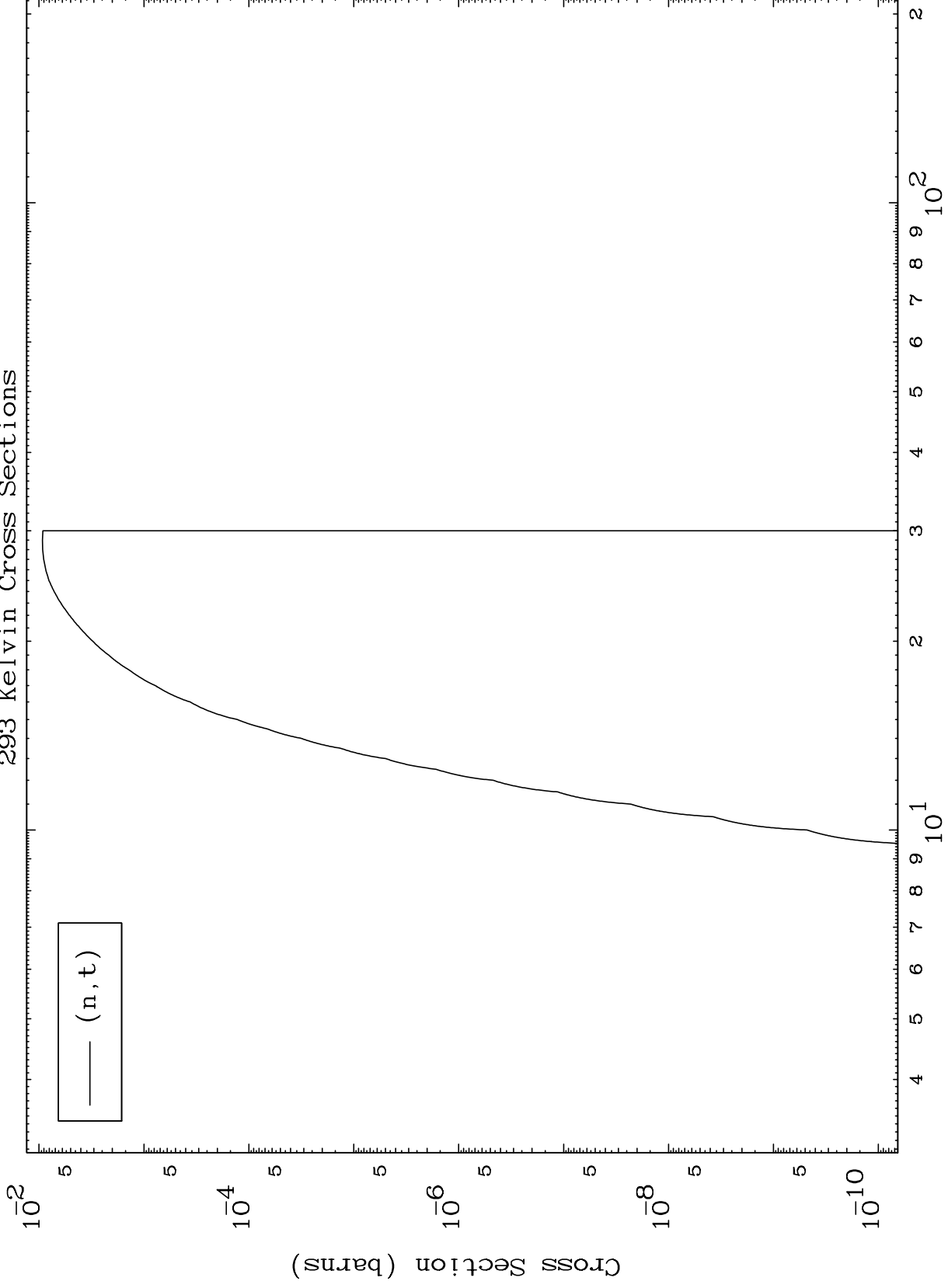
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-199m



(n,t)

Incident Energy (MeV)

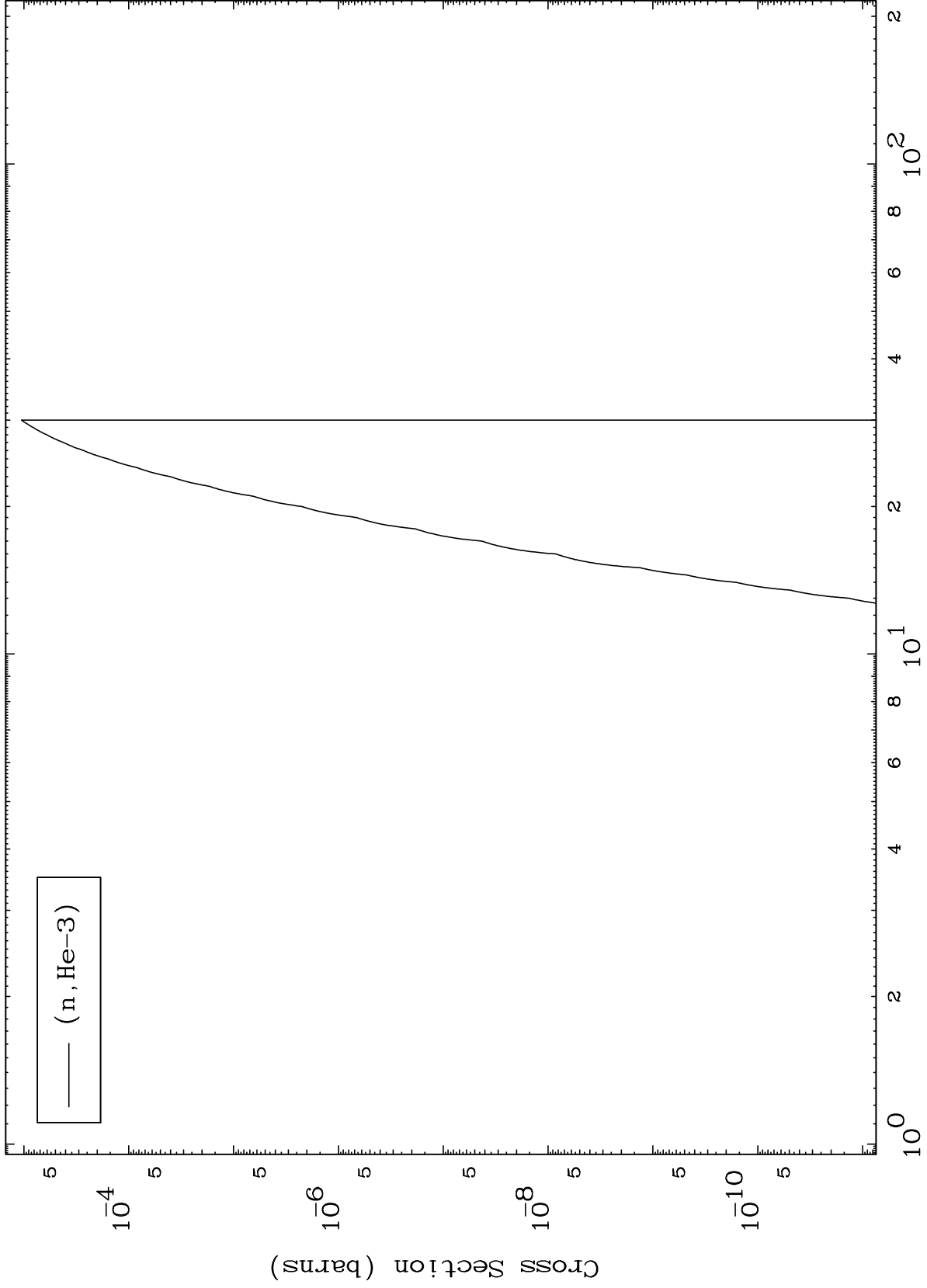
82-Pb-199m

14

MAT 8211

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-199m



15

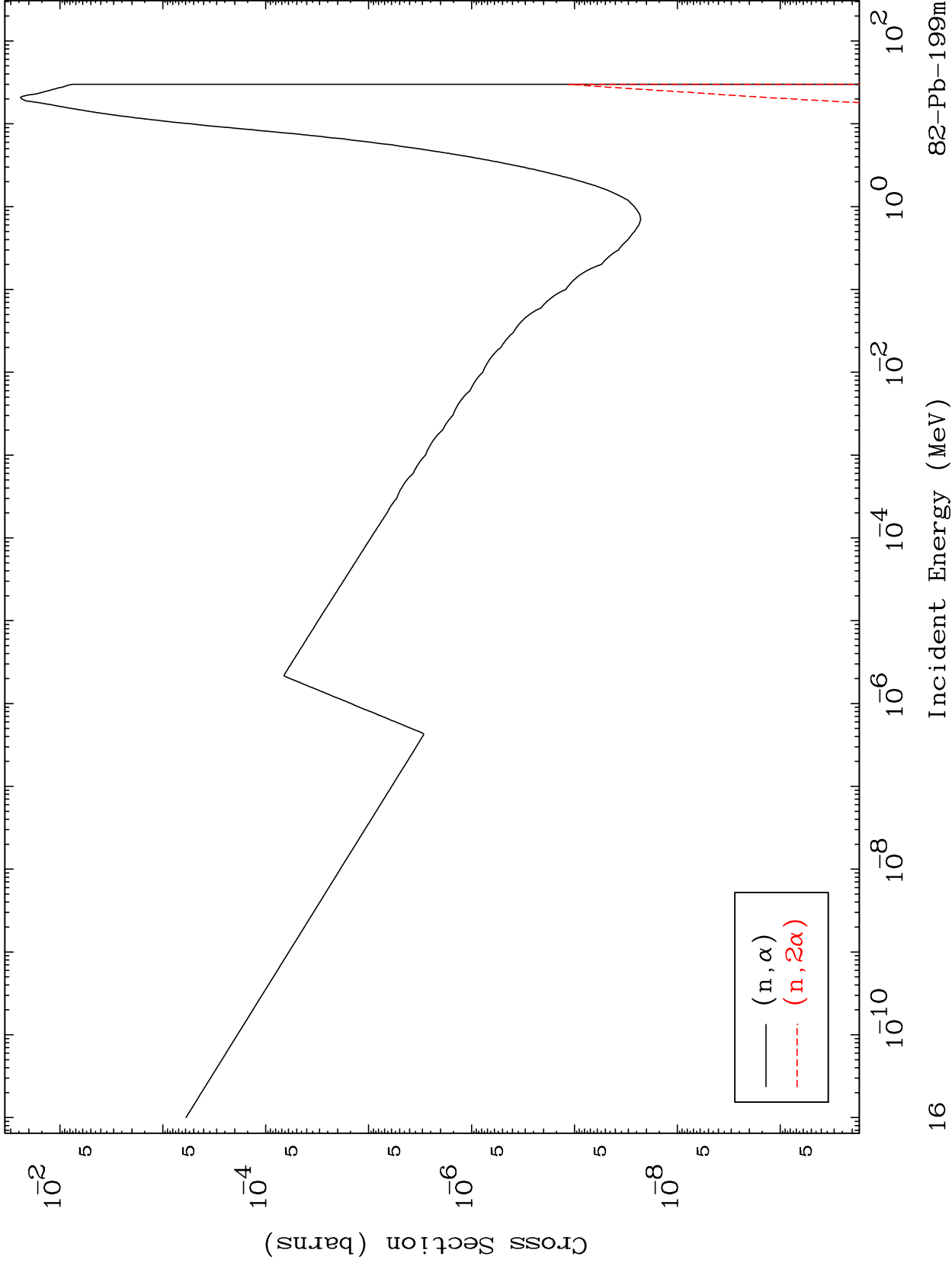
Incident Energy (MeV)

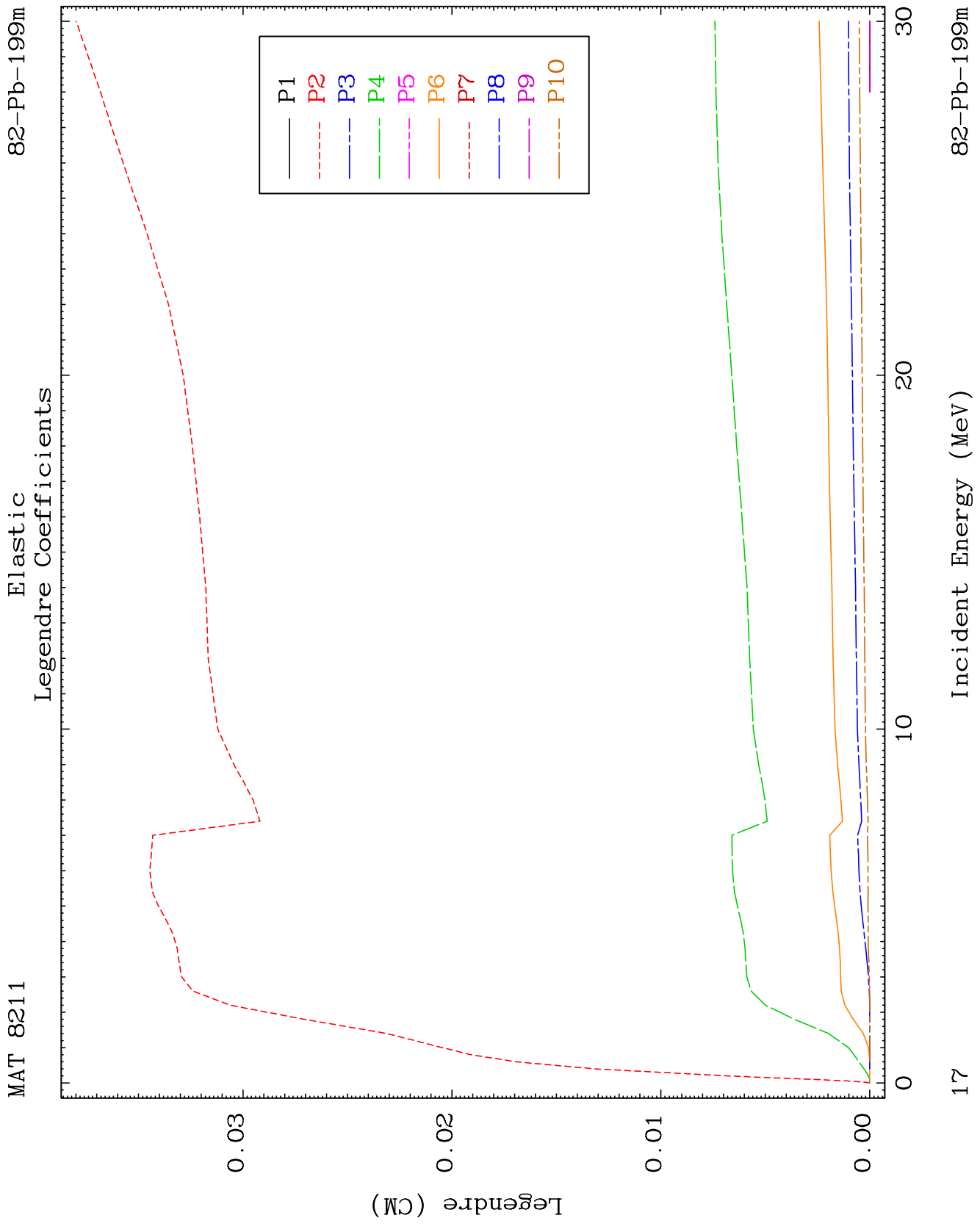
82-Pb-199m

MAT 8211

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-199m

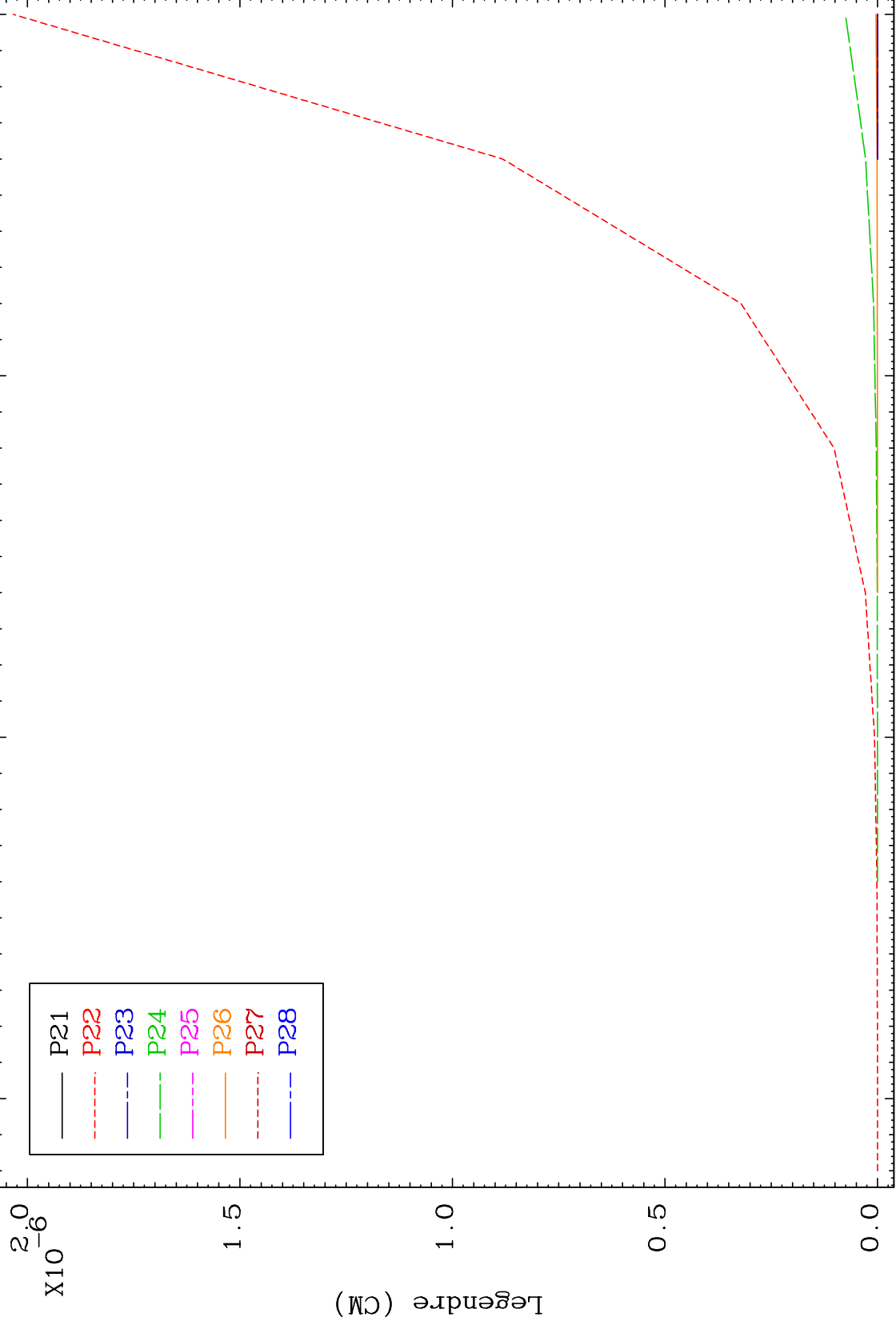




MAT 8211

Elastic
Legendre Coefficients

82-Pb-199m



19

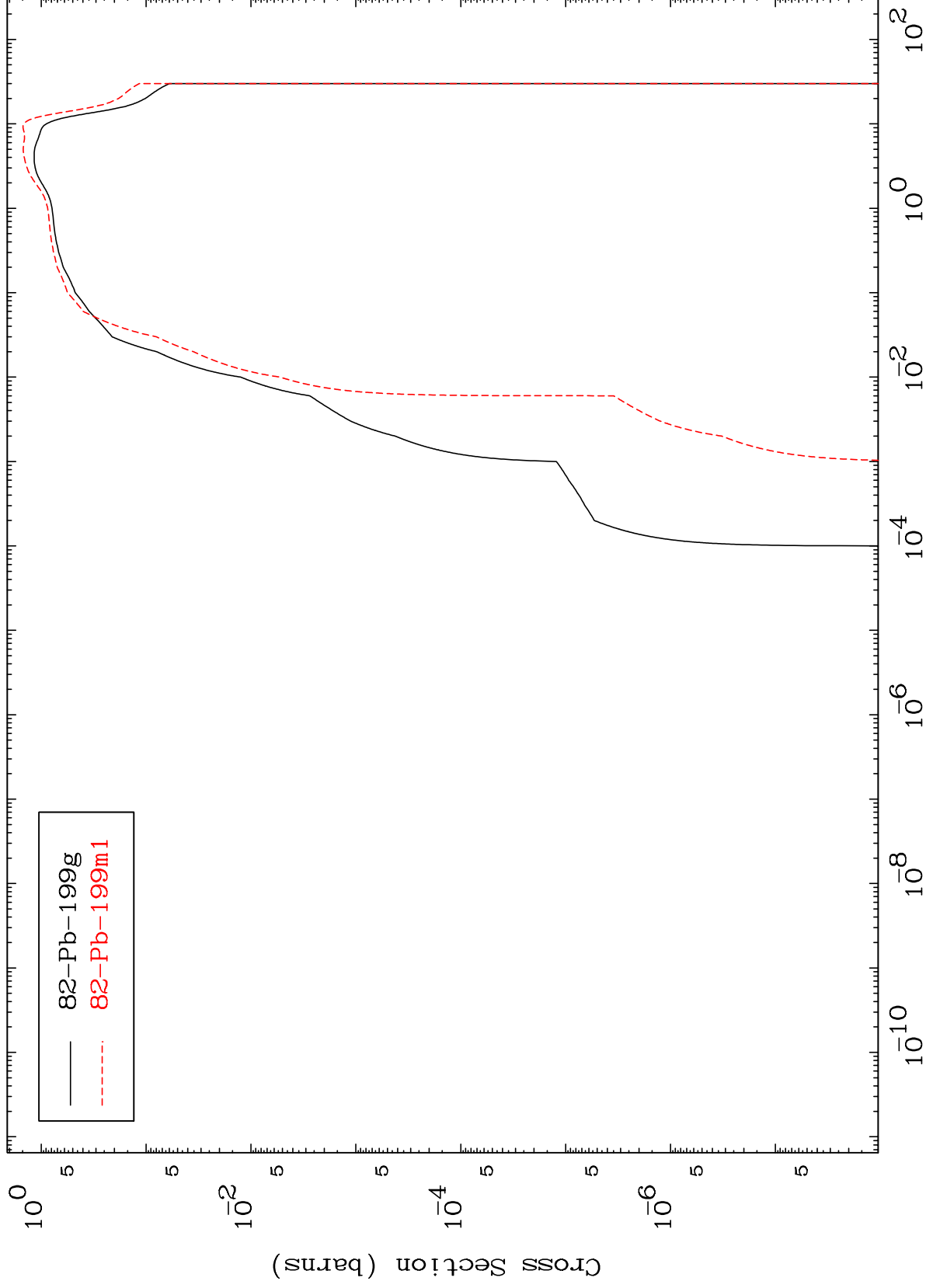
Incident Energy (MeV)

82-Pb-199m

MAT 8211

Inelastic
Radionuclide Production Cross Section

82-Pb-199m



20

Incident Energy (MeV)

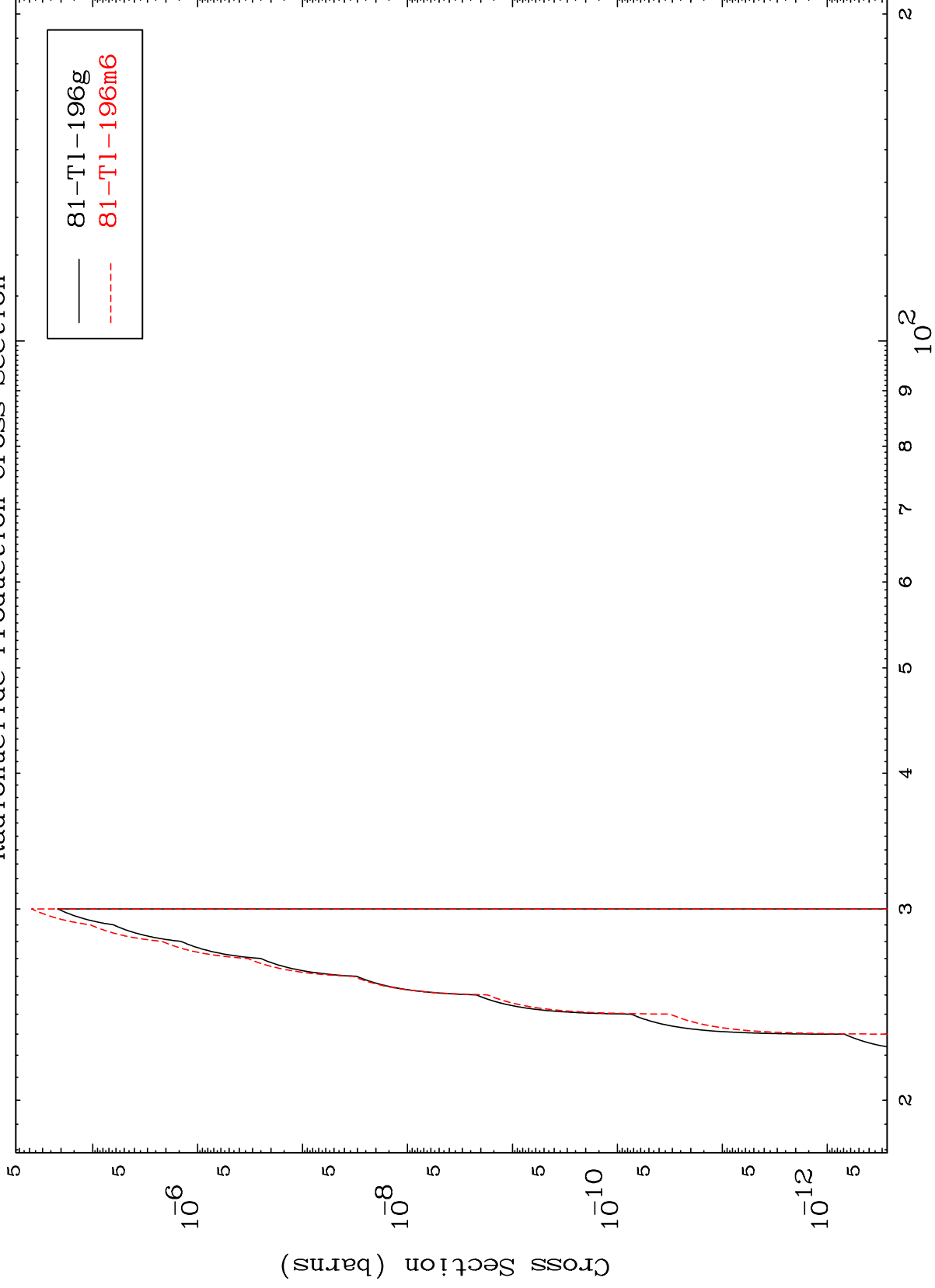
82-Pb-199m

MAT 8211

(n,2n) d

82-Pb-199m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

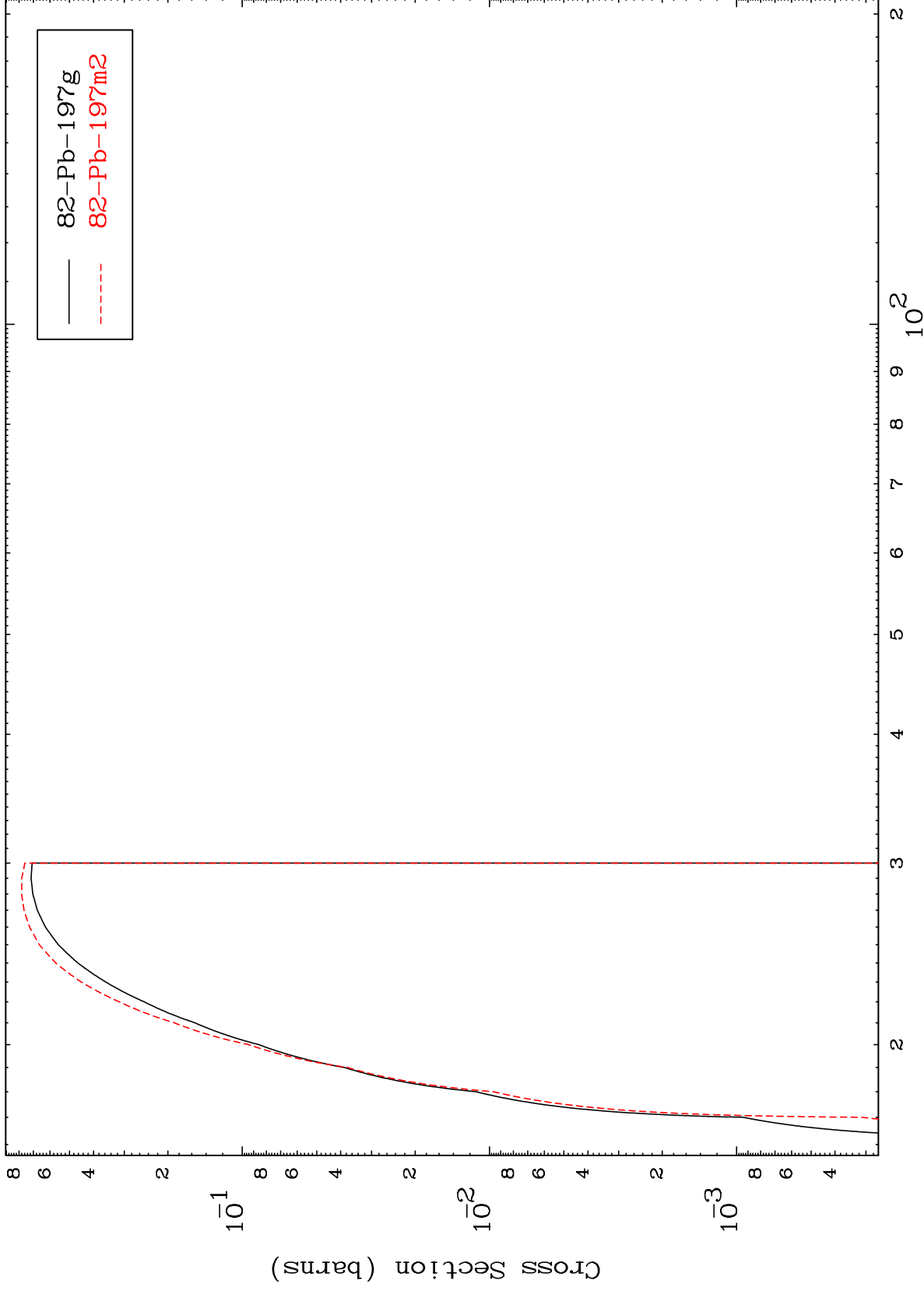
82-Pb-199m

MAT 8211

(n,3n)

82-Pb-199m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

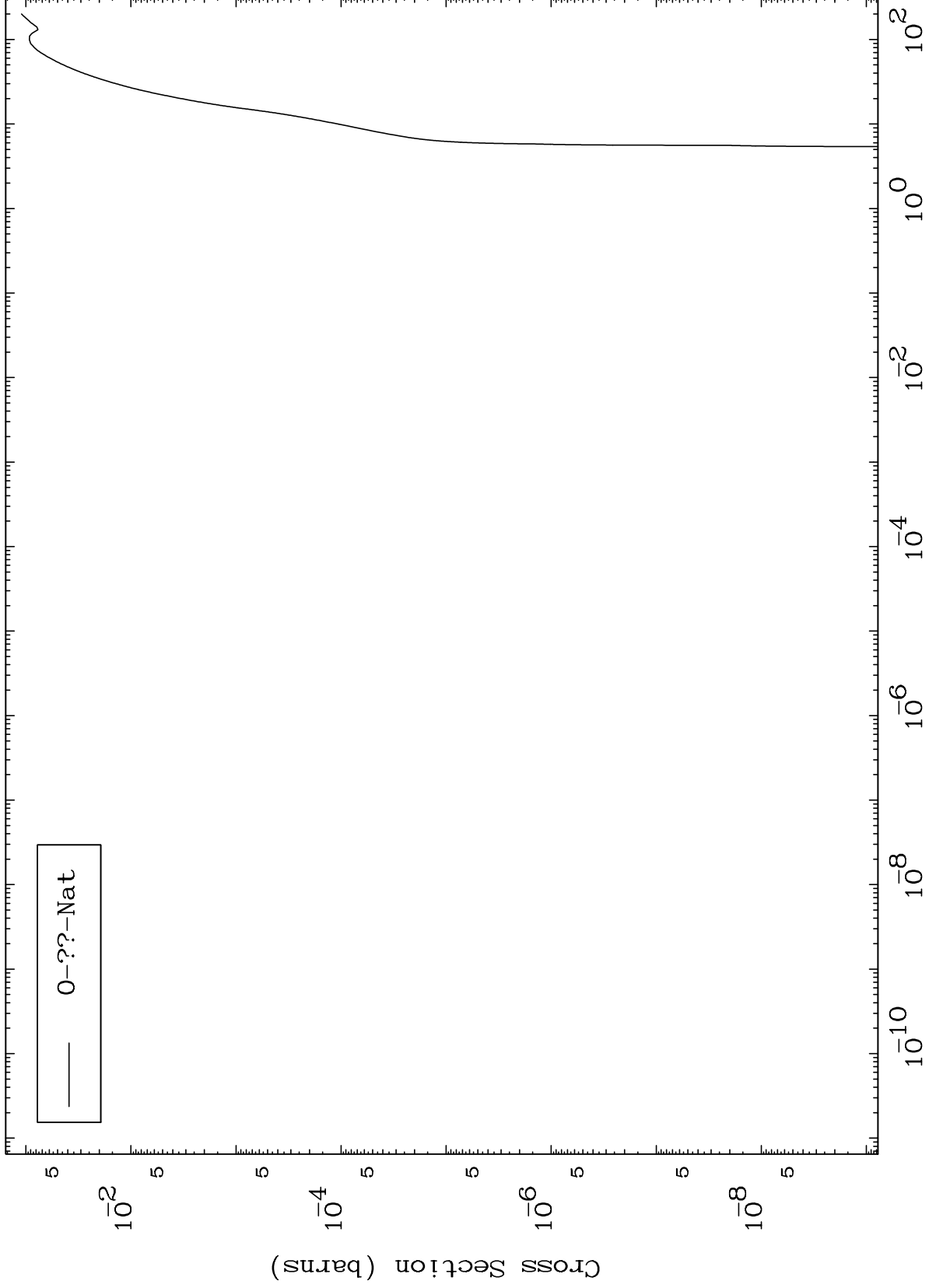
82-Pb-199m

MAT 8211

Fission

82-Pb-199m

Radionuclide Production Cross Section

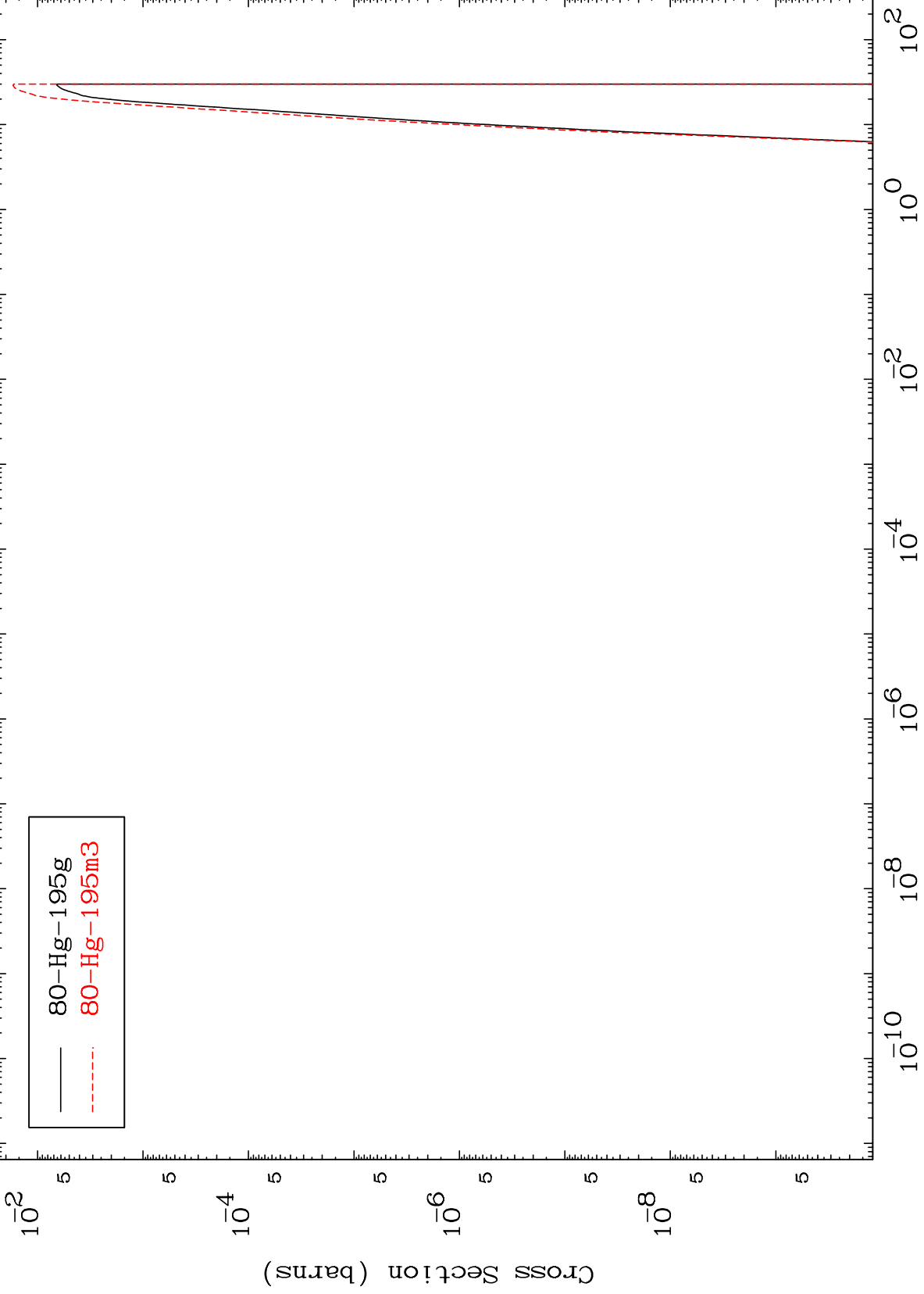


MAT 8211

$(n, n') \alpha$

82-Pb-199m

Radionuclide Production Cross Section

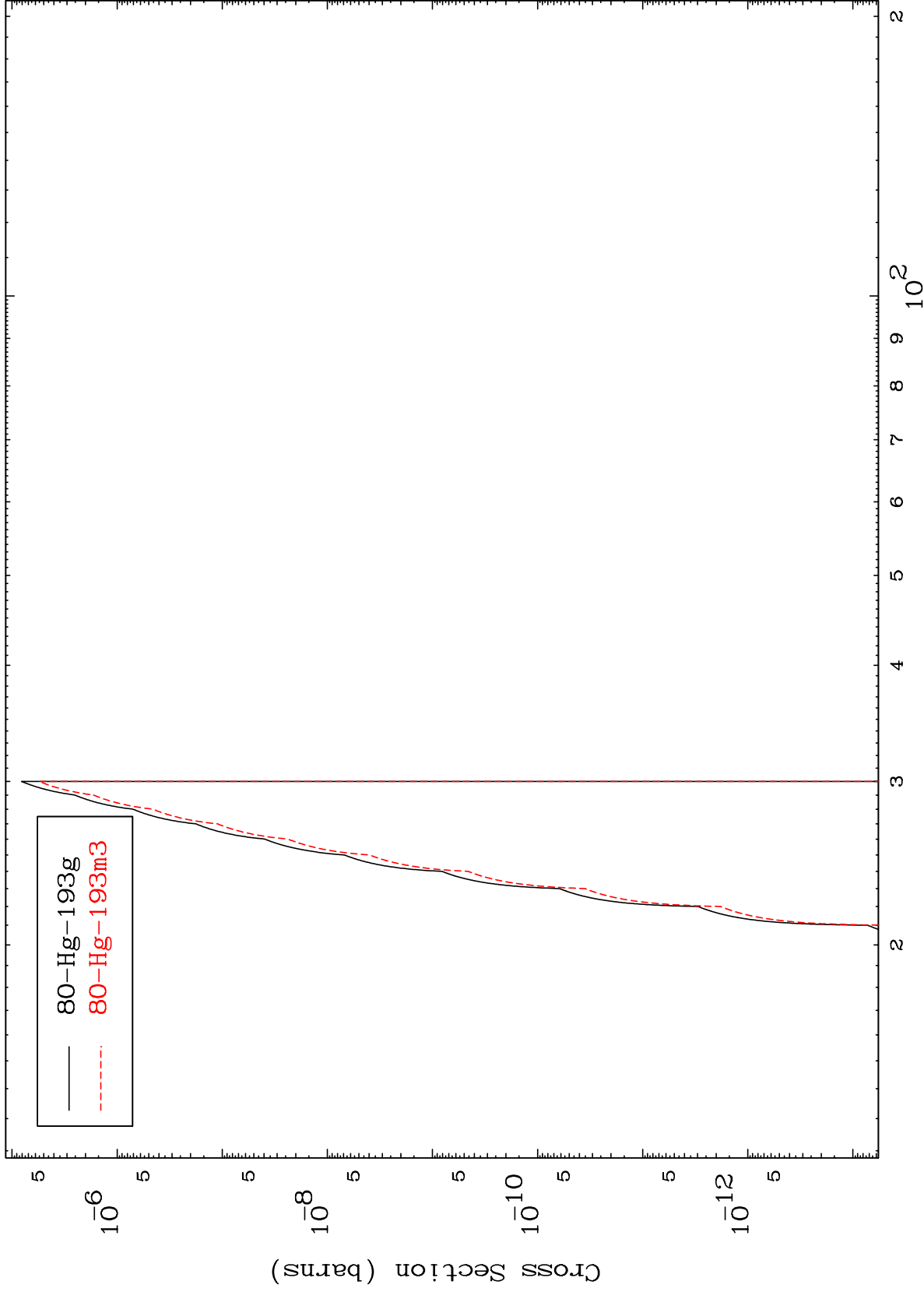


MAT 8211

(n,3n) α

82-Pb-199m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

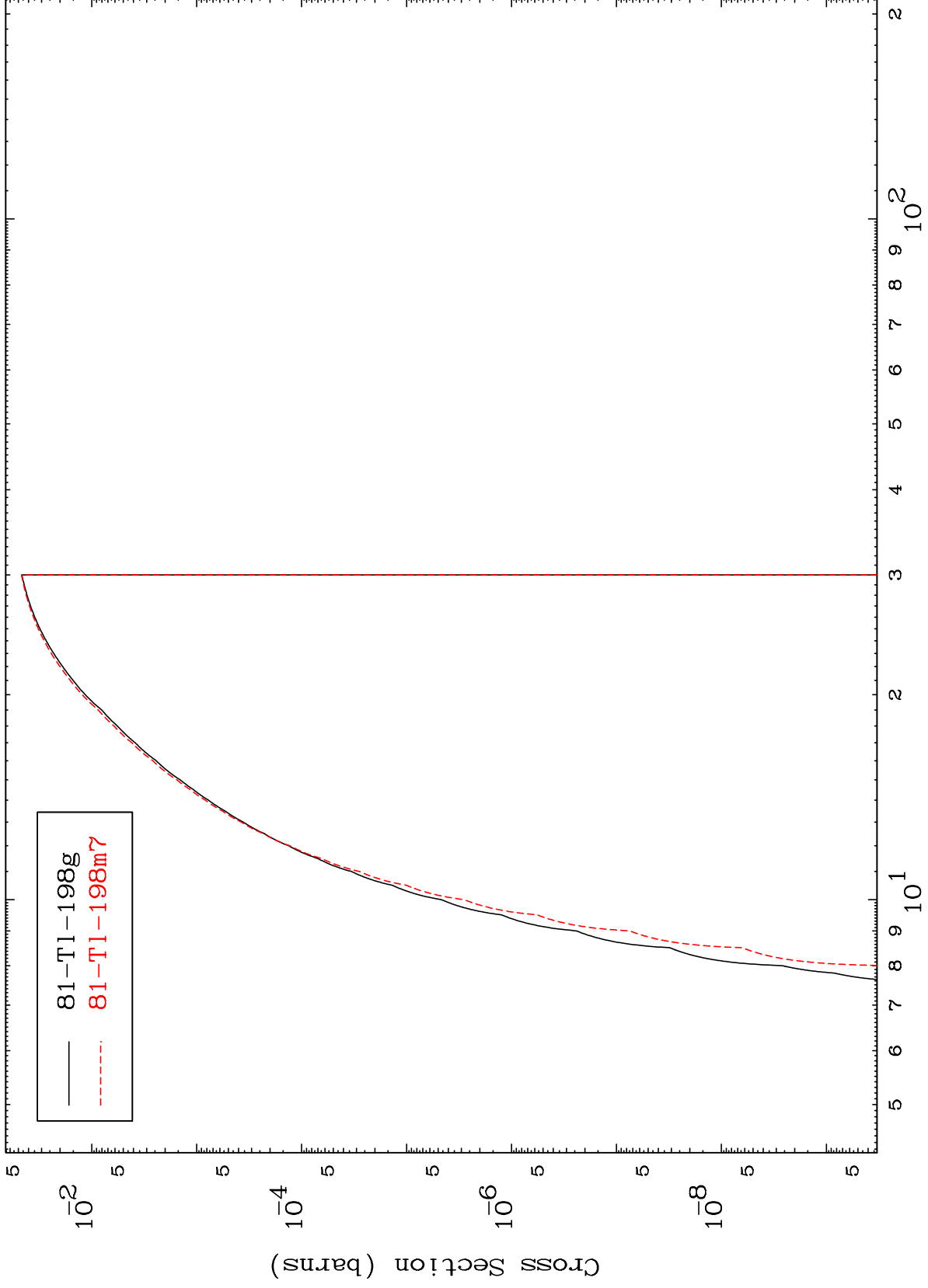
82-Pb-199m

MAT 8211

(n,n') p

82-Pb-199m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

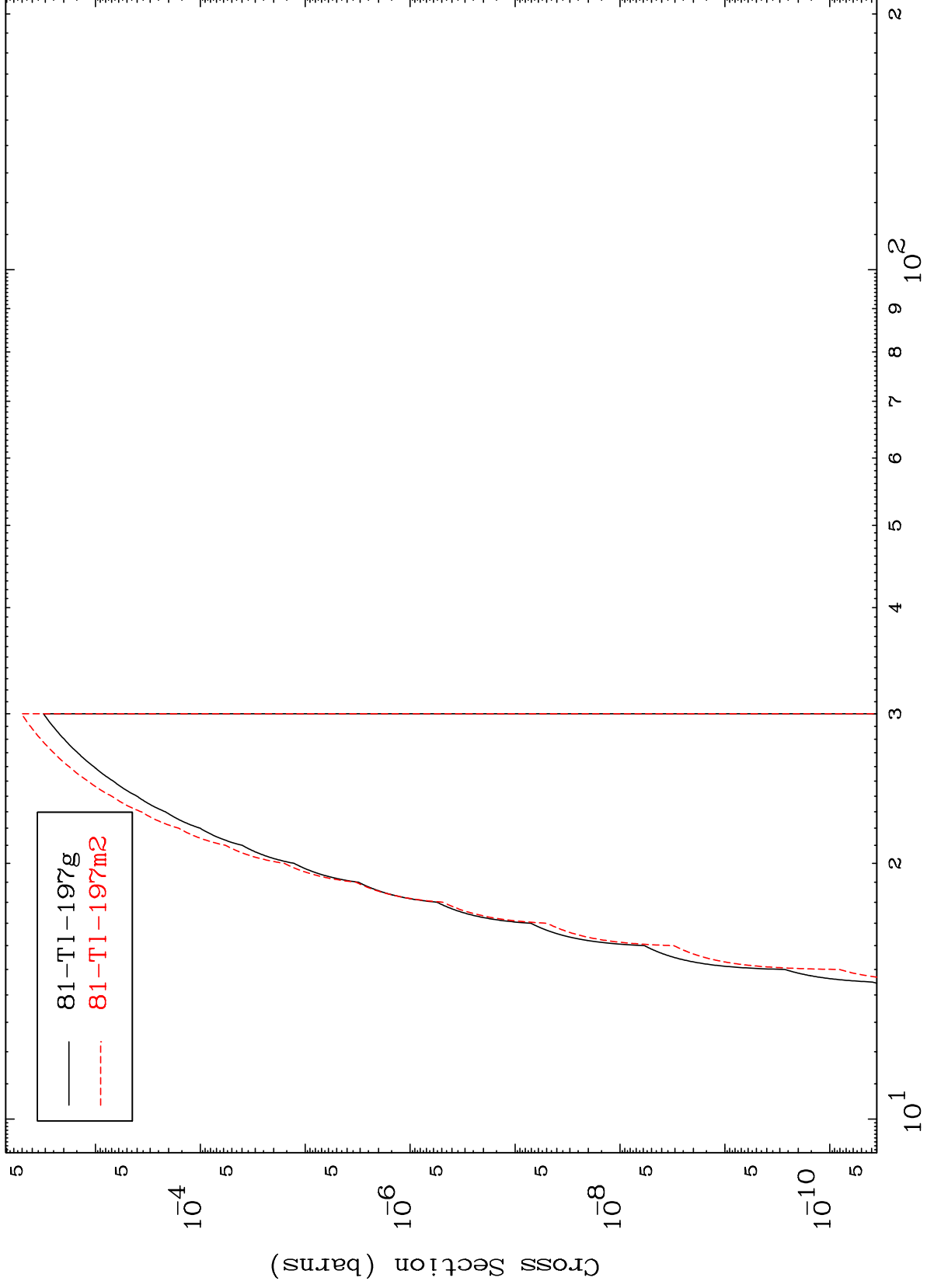
82-Pb-199m

MAT 8211

(n,n') d

82-Pb-199m

Radionuclide Production Cross Section

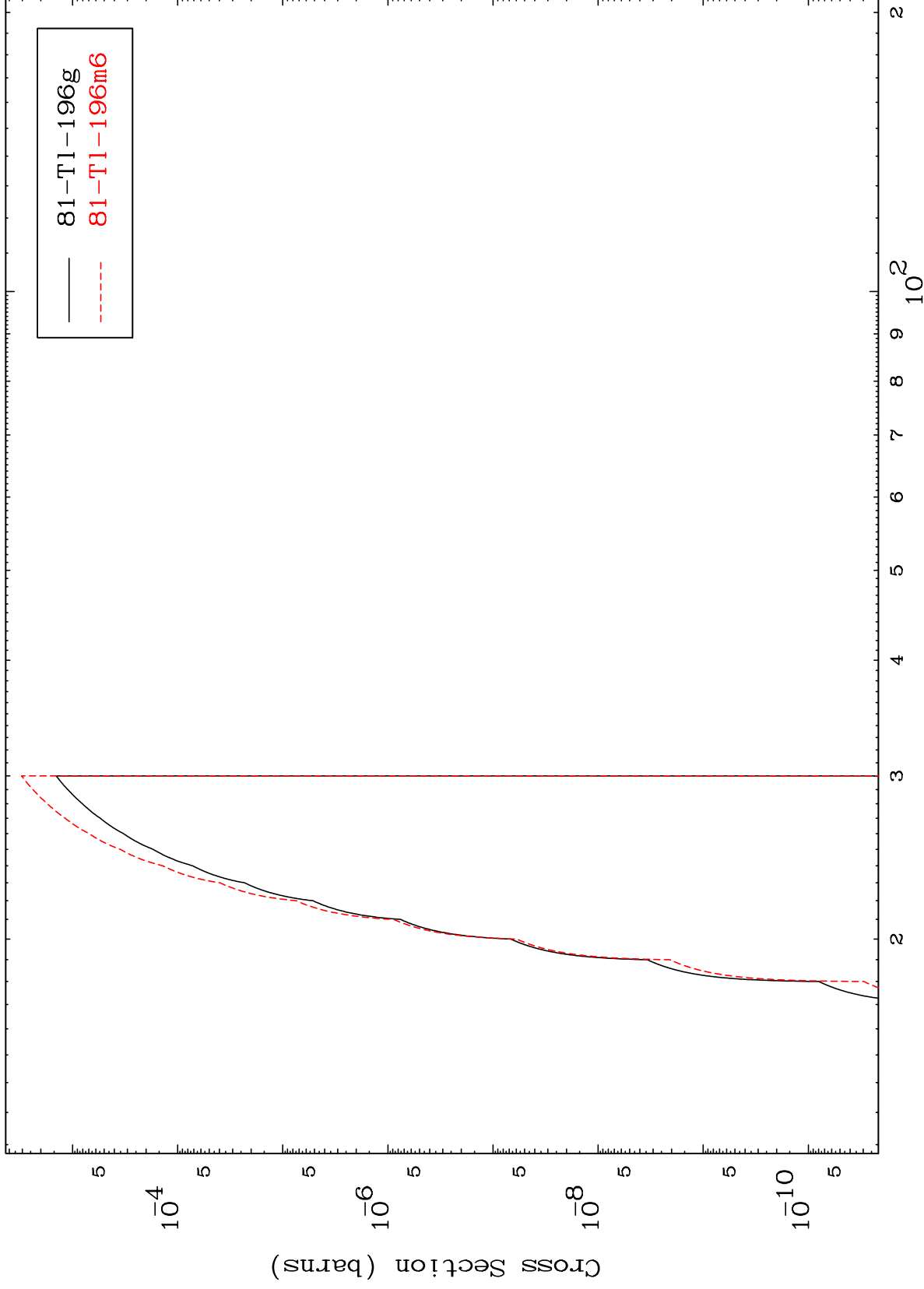


Incident Energy (MeV)

82-Pb-199m

27

Radionuclide Production Cross Section

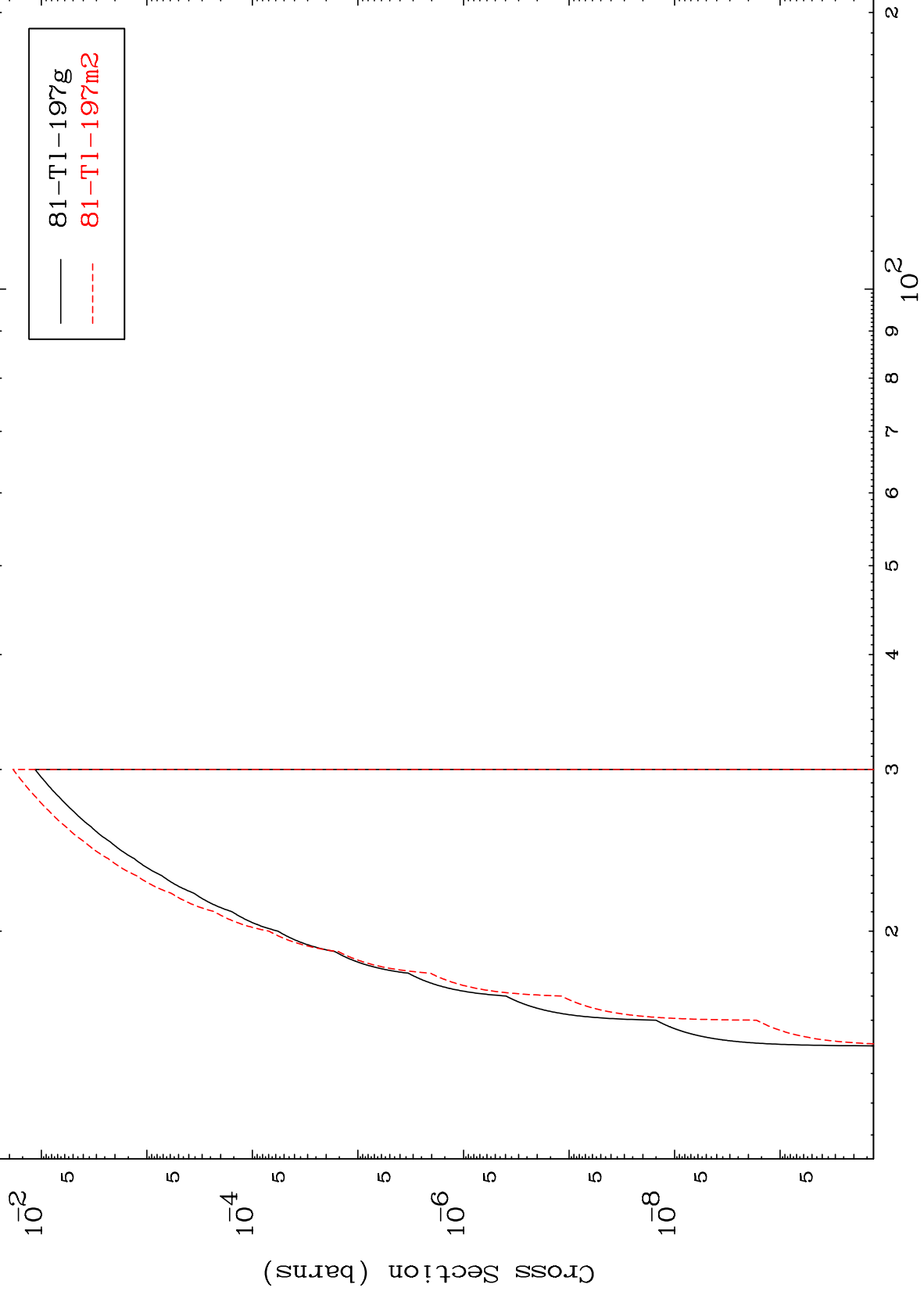


MAT 8211

(n,2n) p

82-Pb-199m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

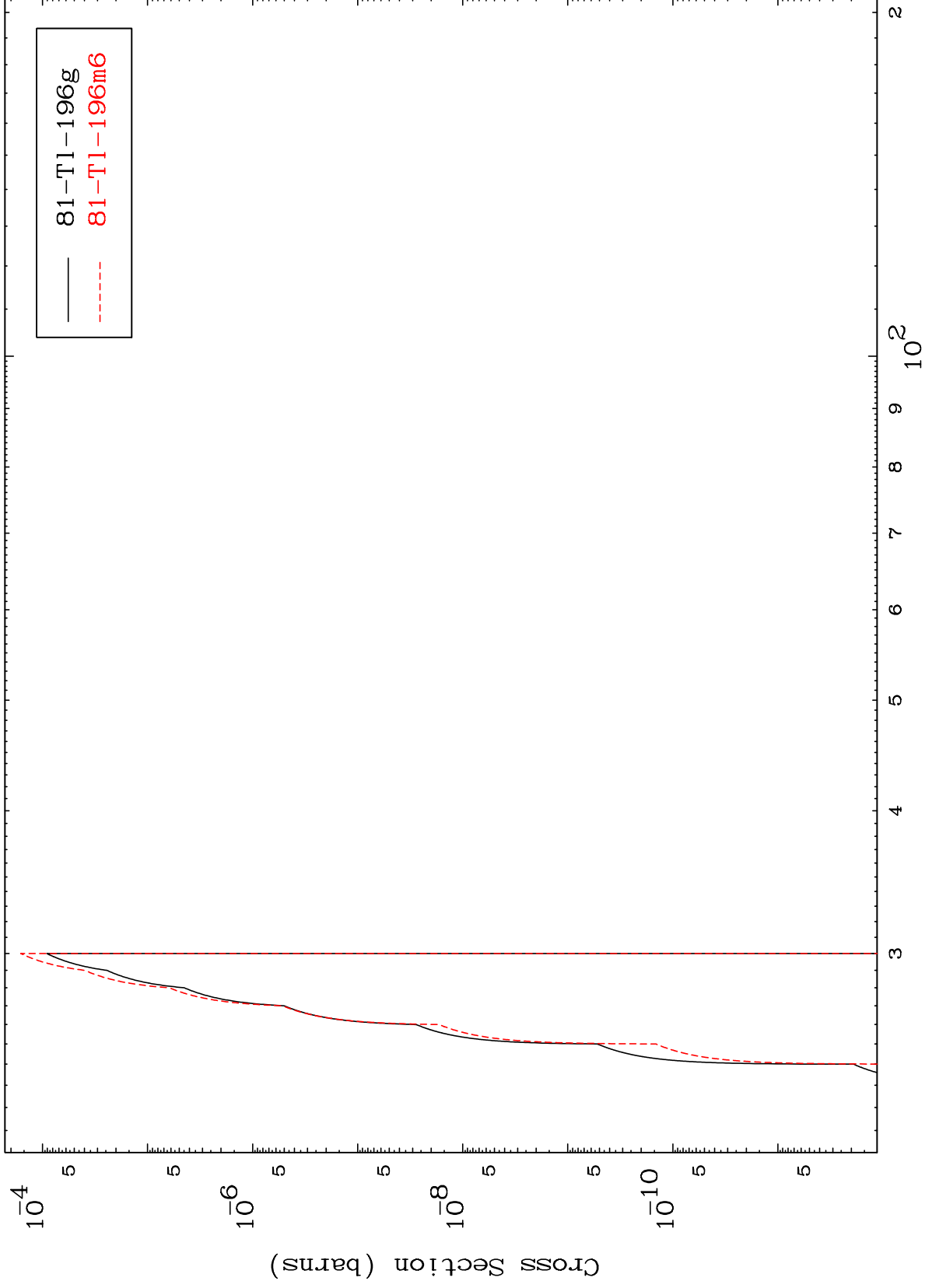
82-Pb-199m

MAT 8211

(n,3n) p

82-Pb-199m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

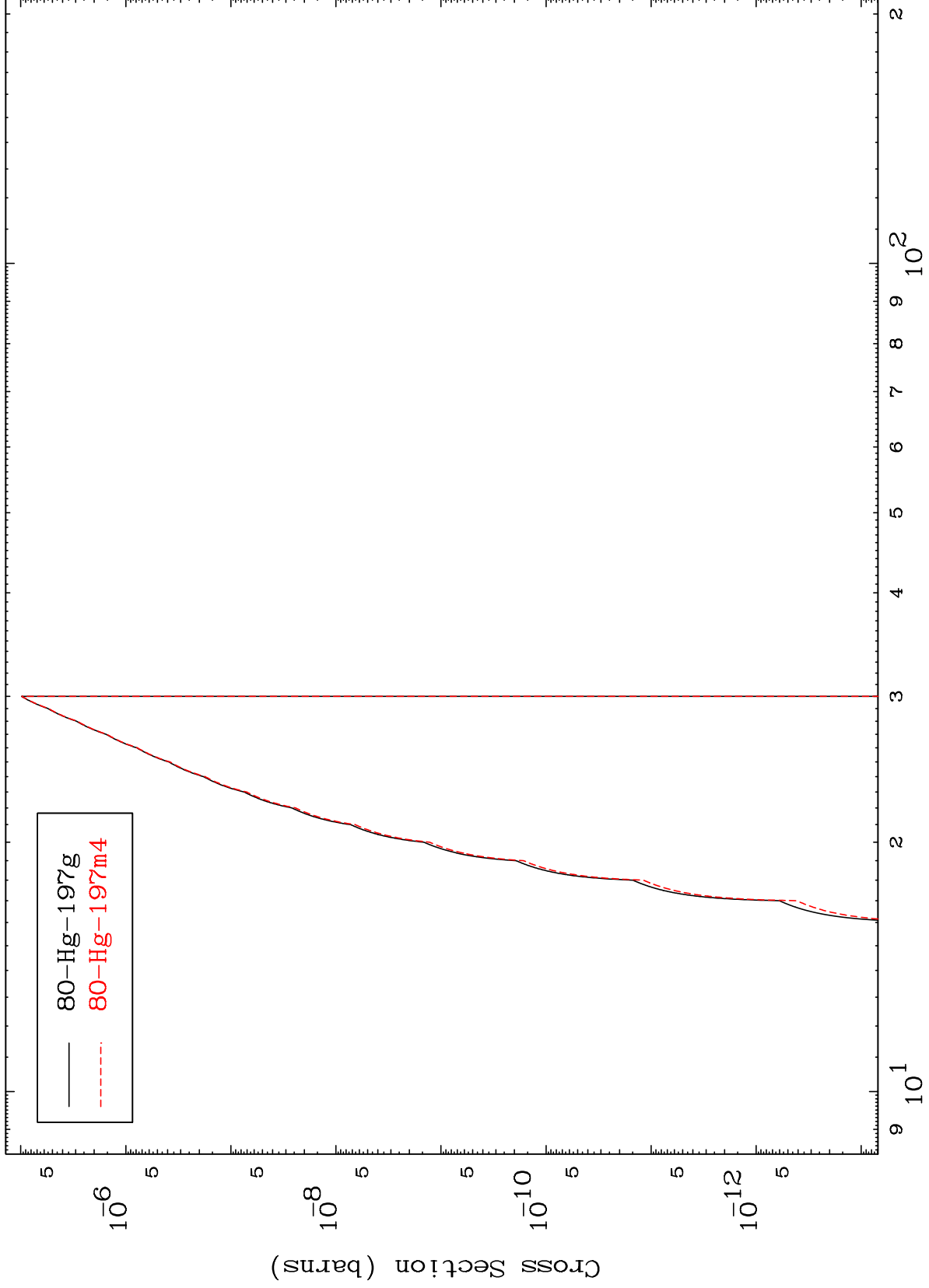
82-Pb-199m

MAT 8211

(n,2n) p

82-Pb-199m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

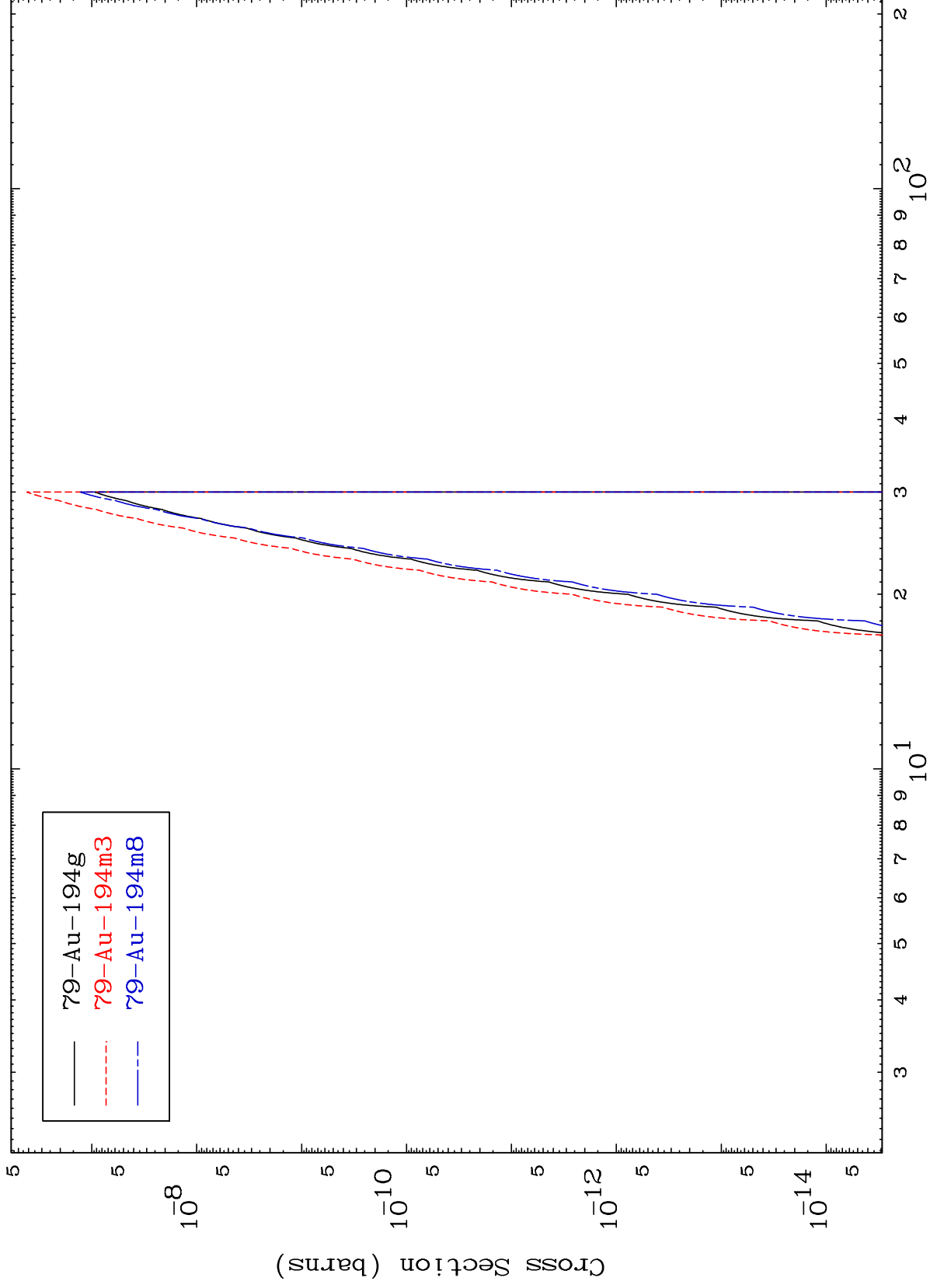
82-Pb-199m

MAT 8211

(n,n') p α

82-Pb-199m

Radionuclide Production Cross Section



32

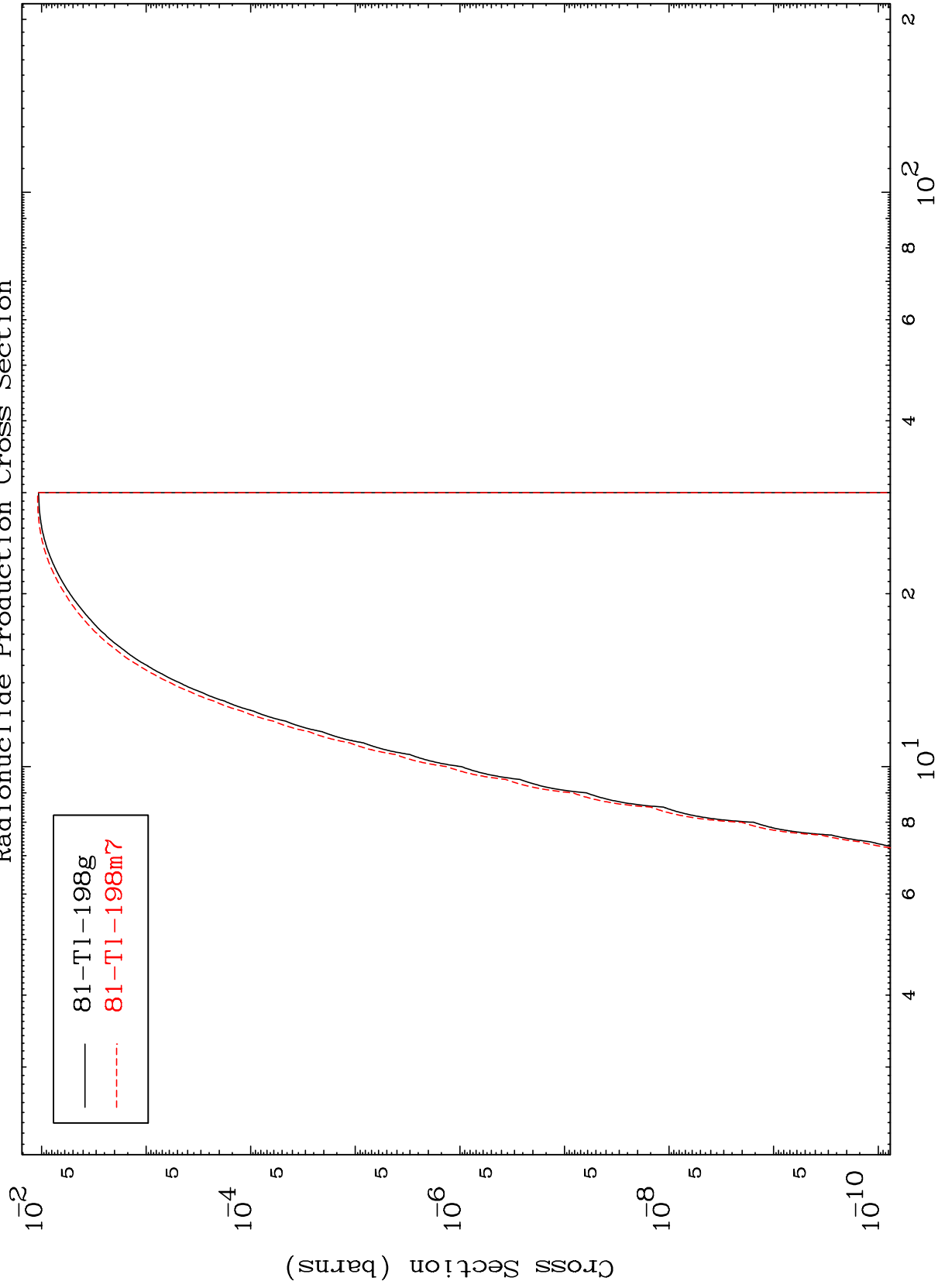
Incident Energy (MeV)

82-Pb-199m

MAT 8211

82-Pb-199m

(n,d)
Radionuclide Production Cross Section



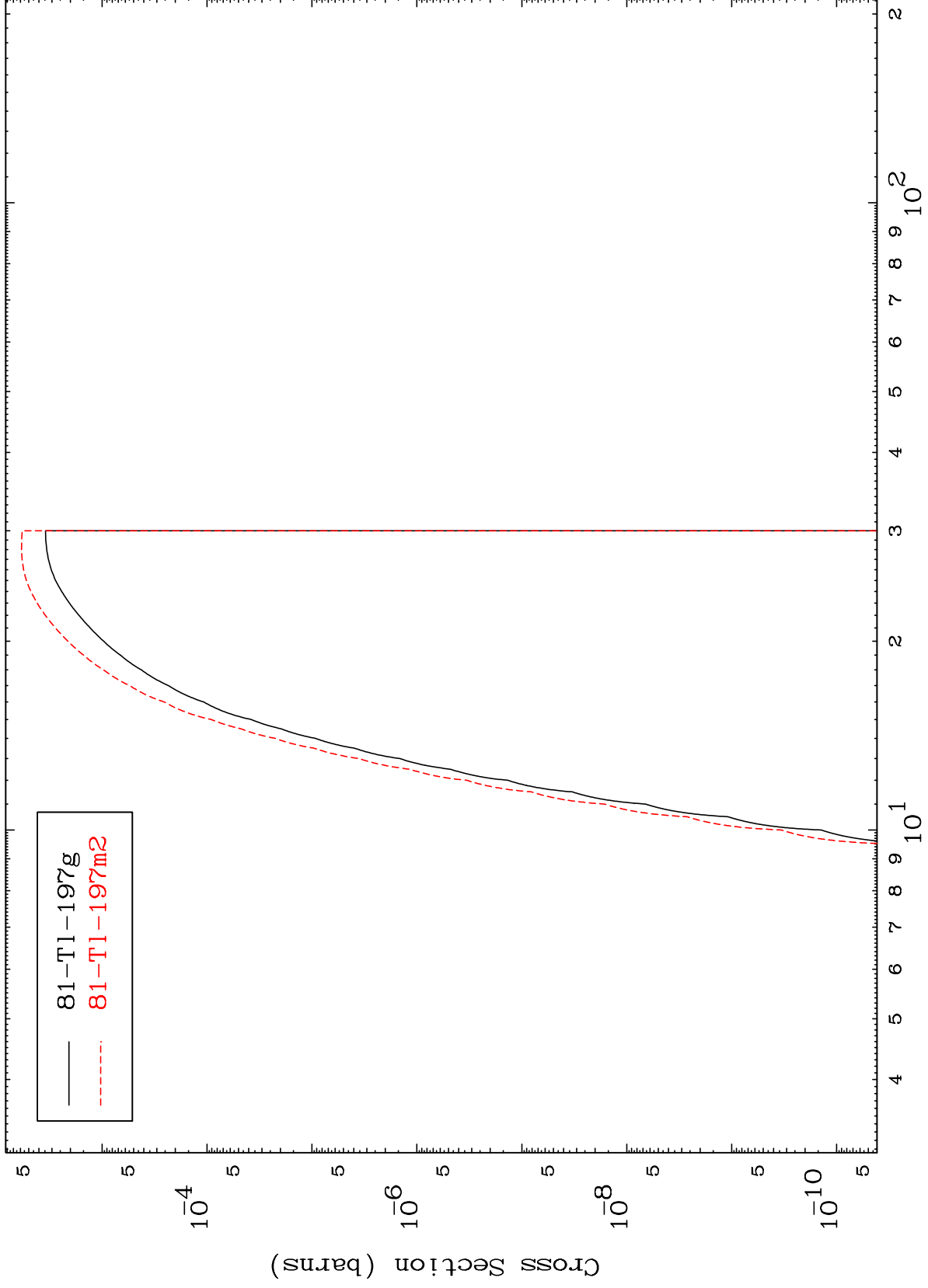
Incident Energy (MeV)

82-Pb-199m

MAT 8211

82-Pb-199m

(n, t)
Radionuclide Production Cross Section



34

Incident Energy (MeV)

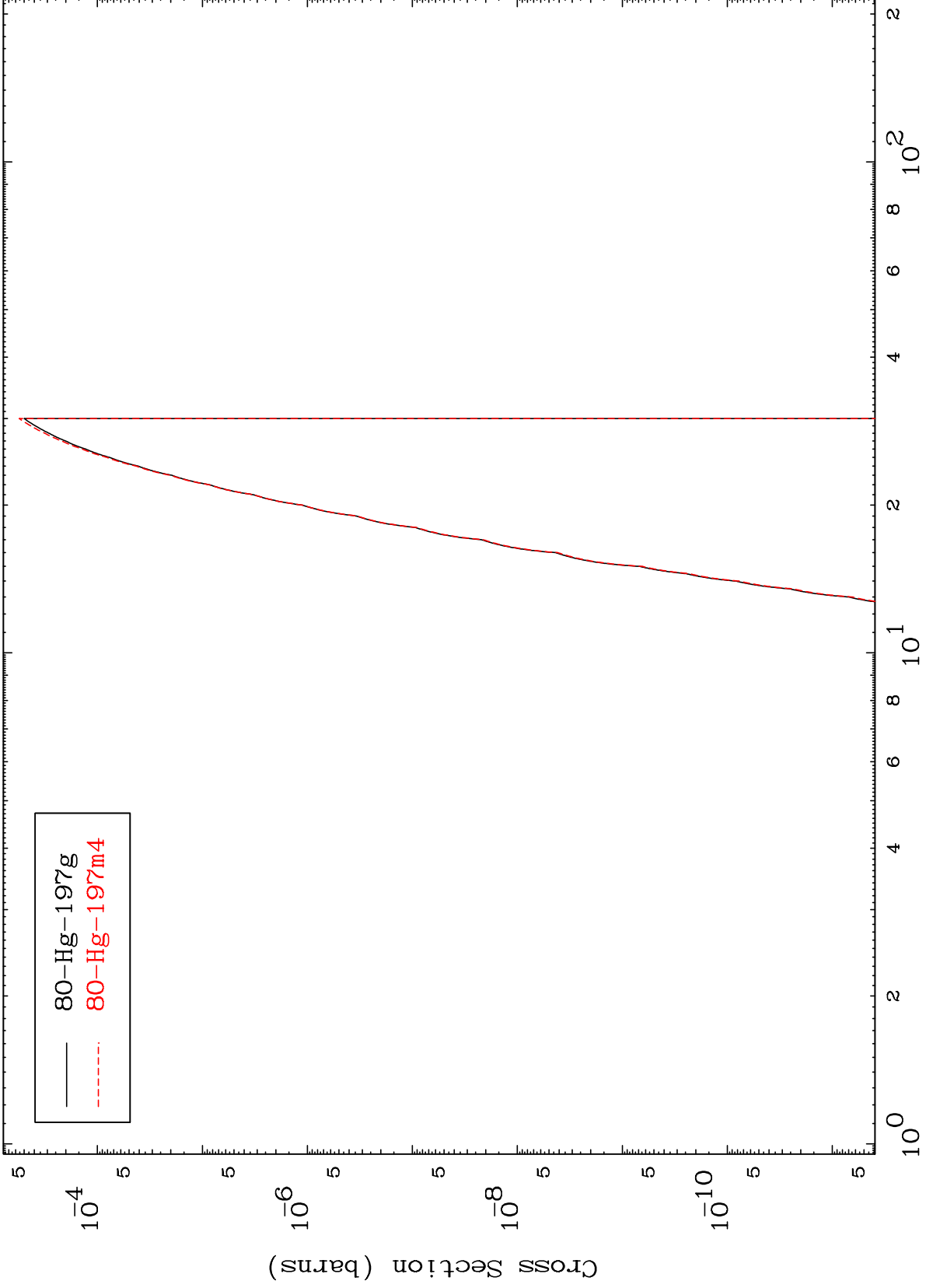
82-Pb-199m

MAT 8211

(n,He-3)

82-Pb-199m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

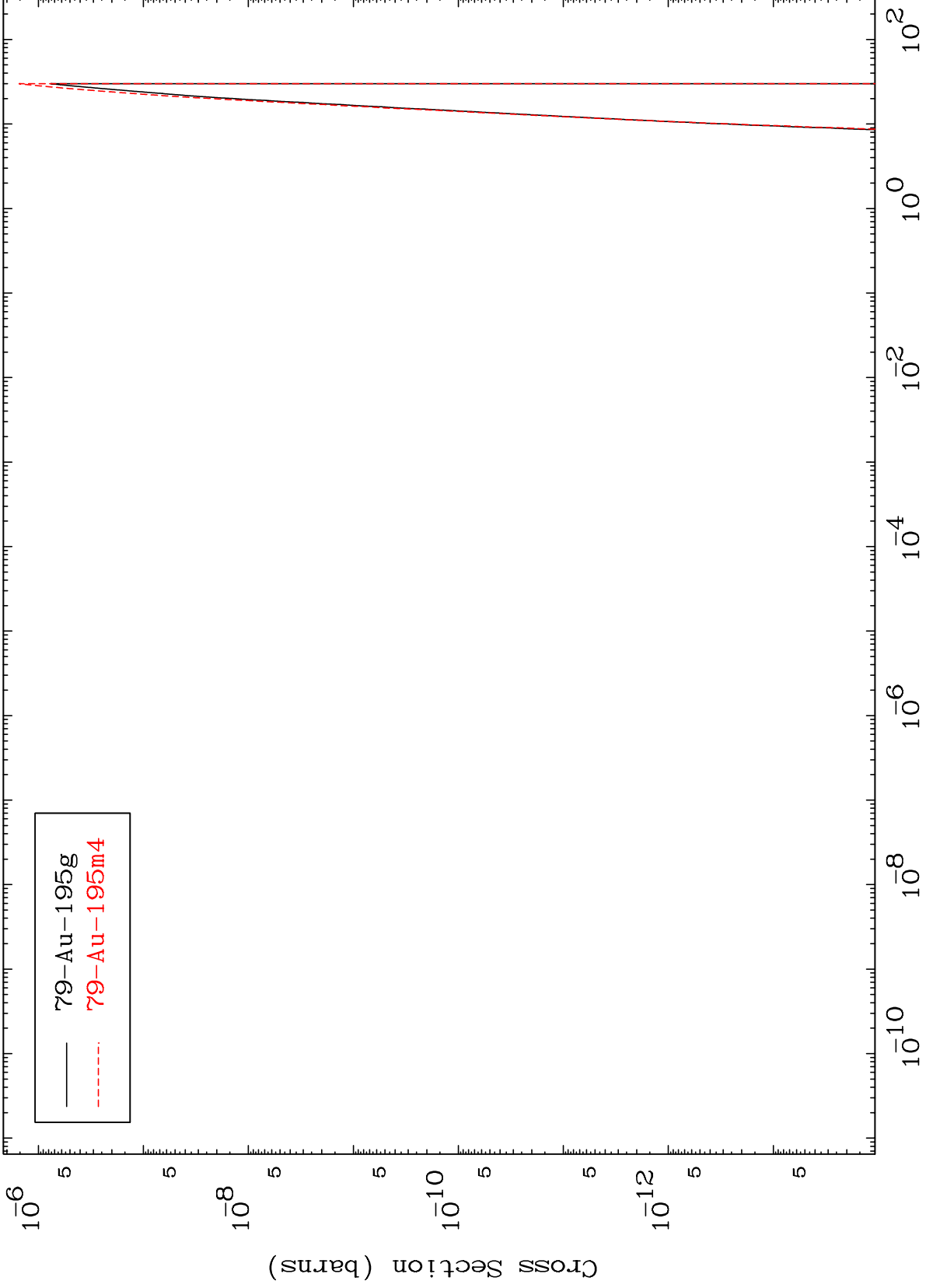
82-Pb-199m

MAT 8211

(n,p) α

82-Pb-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

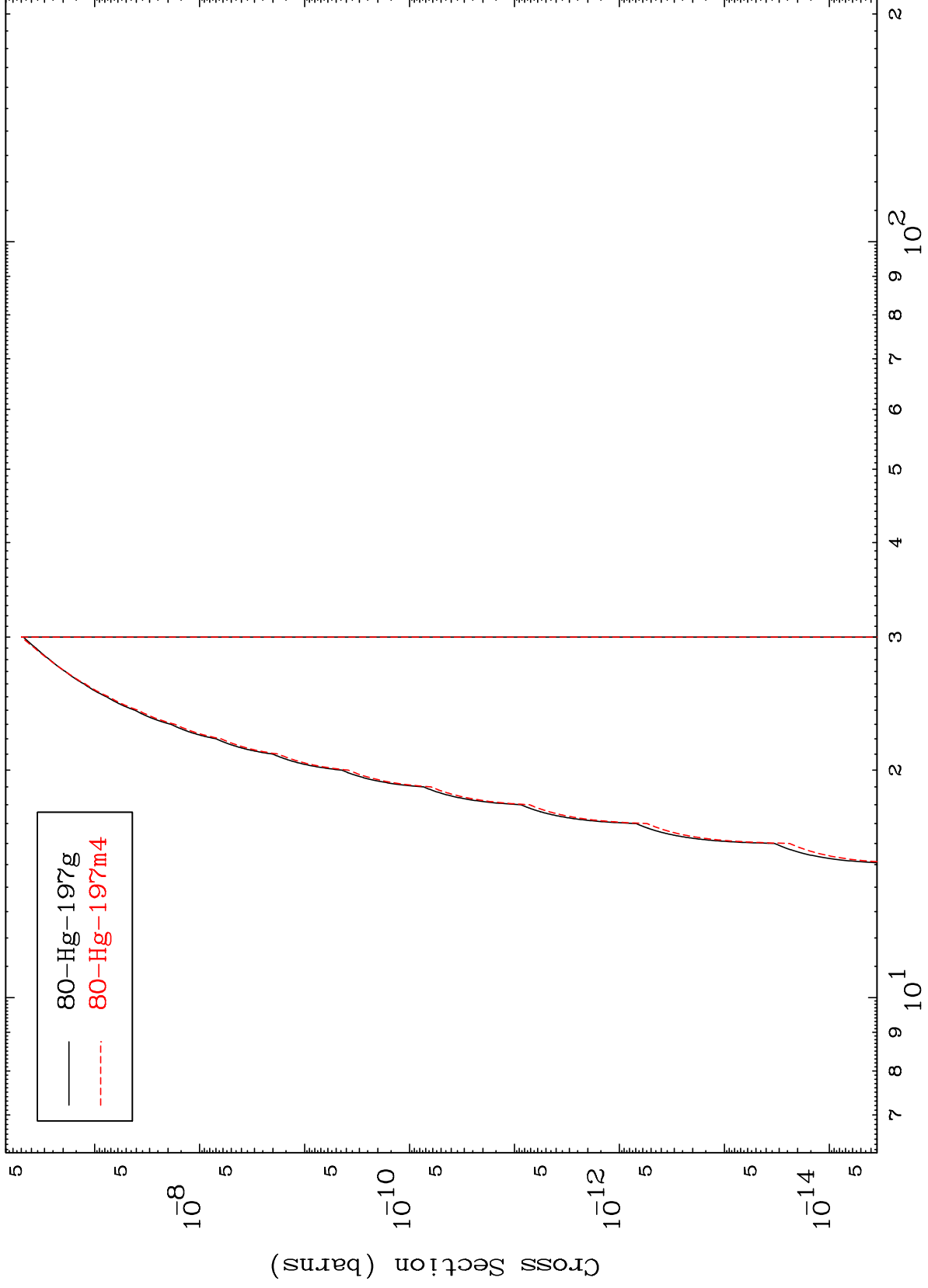
82-Pb-199m

MAT 8211

(n,p) d

82-Pb-199m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,d) α

82-Pb-199m

Radionuclide Production Cross Section

