

Program EVALPLOT
(Version 2021-1)

by

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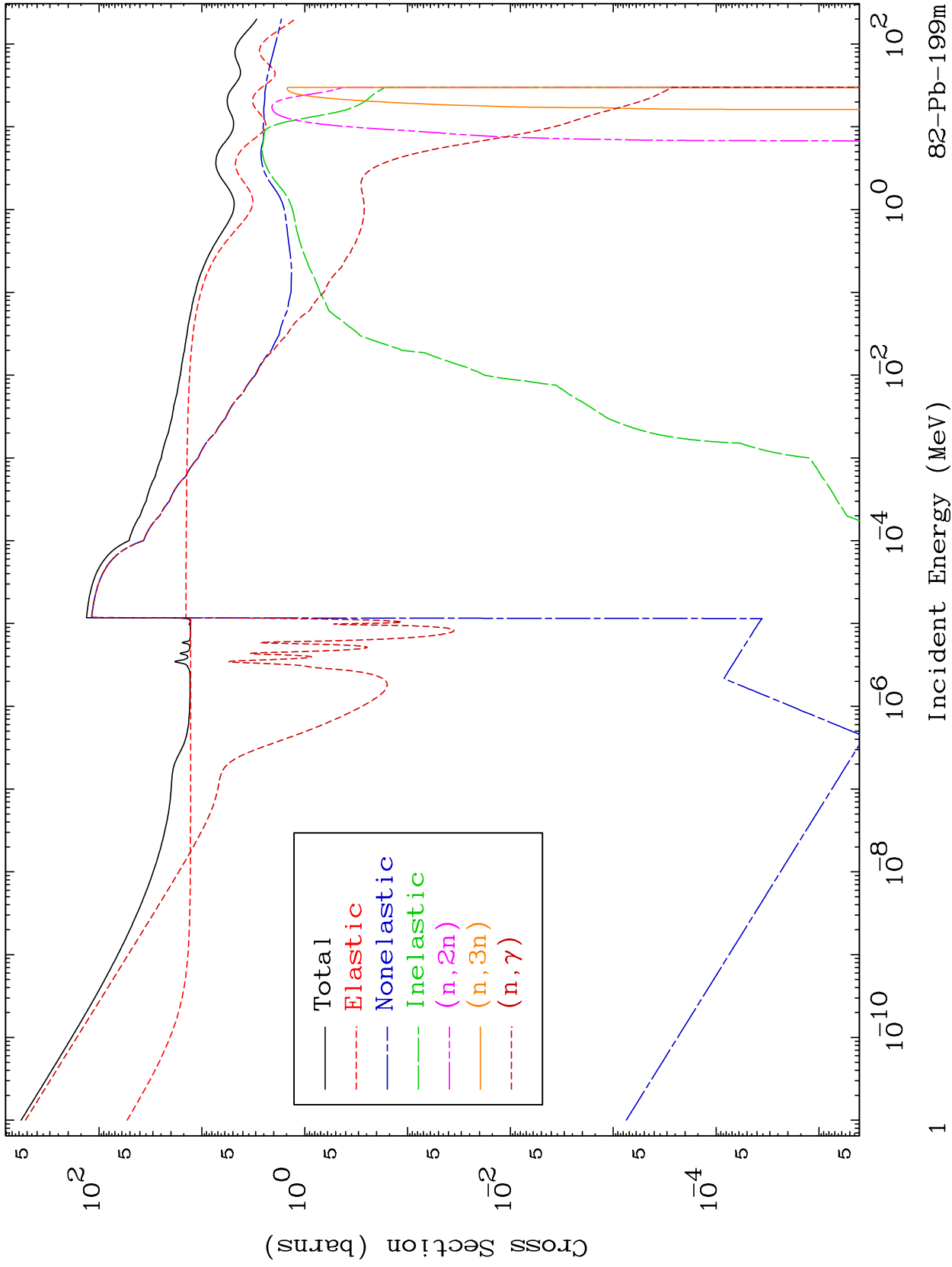
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8211

Neutron Major
293 Kelvin Cross Sections

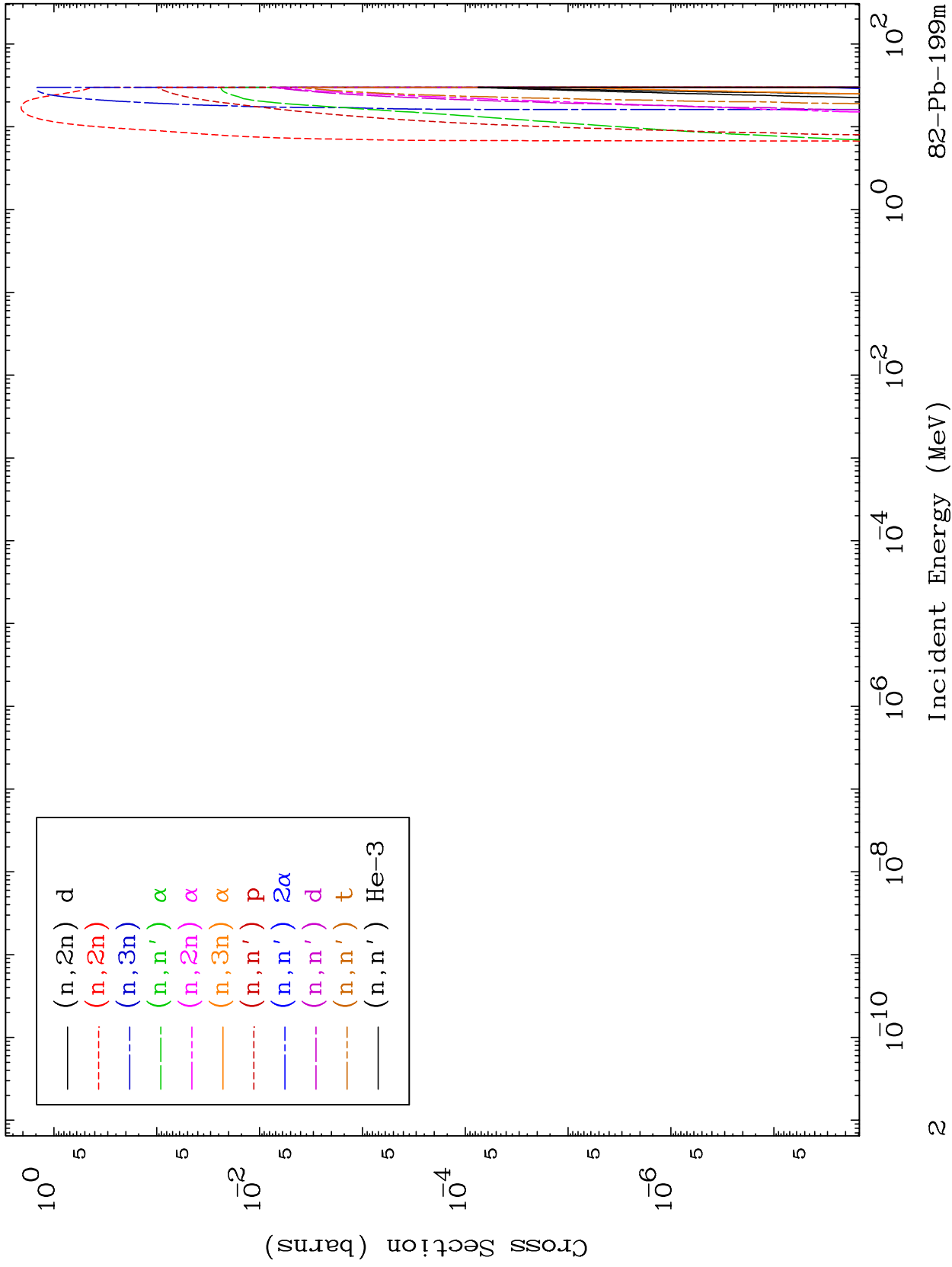
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

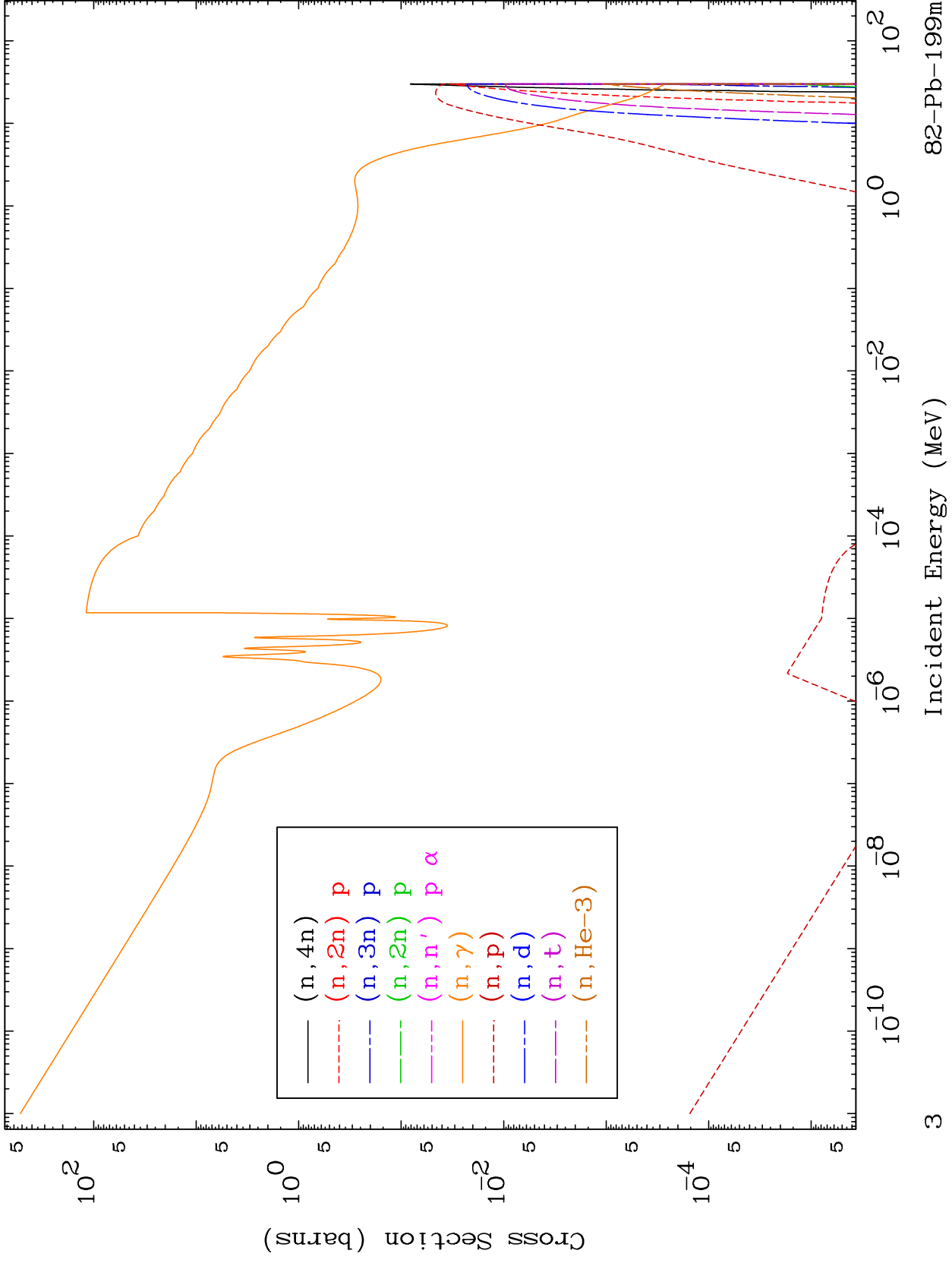
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

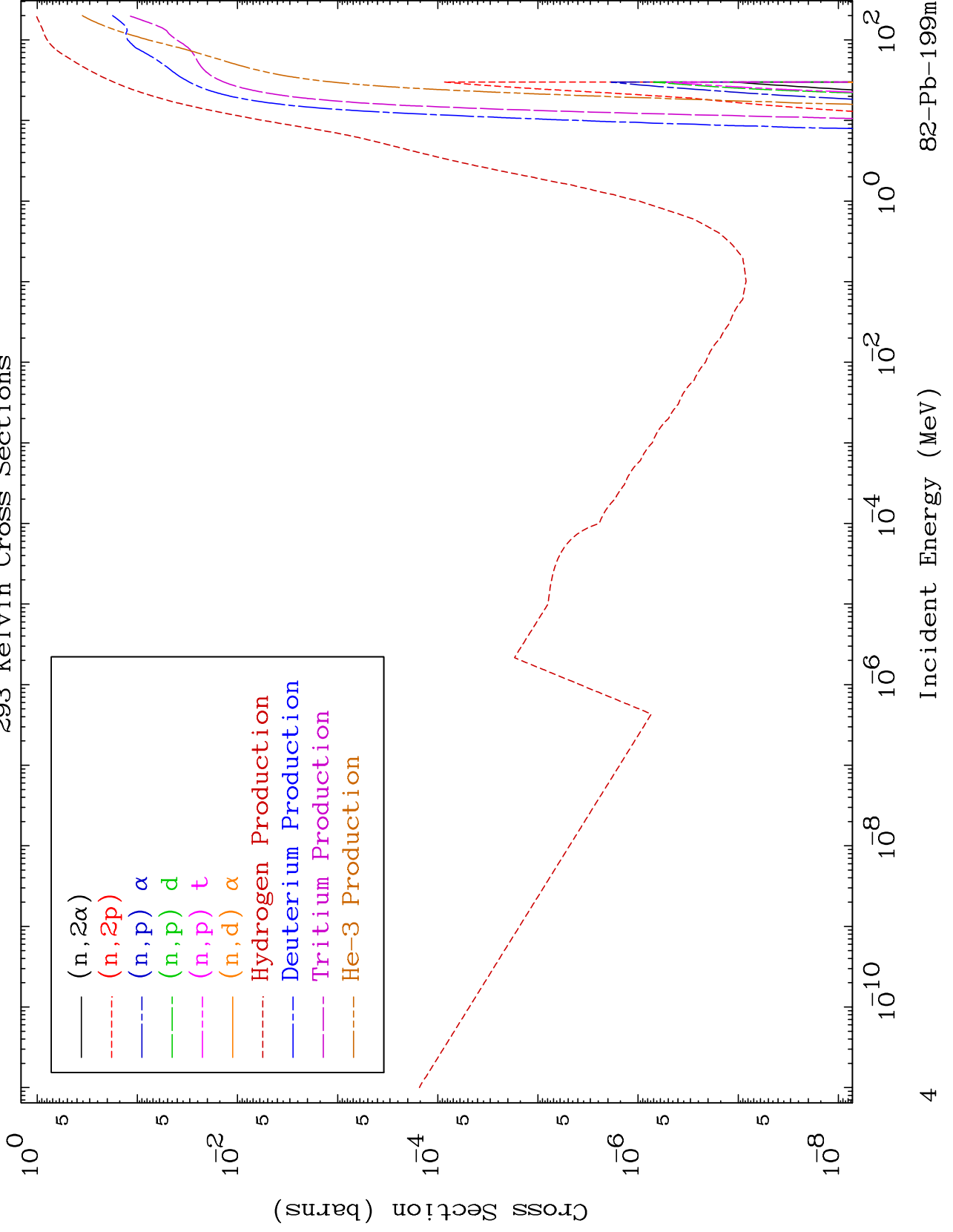
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

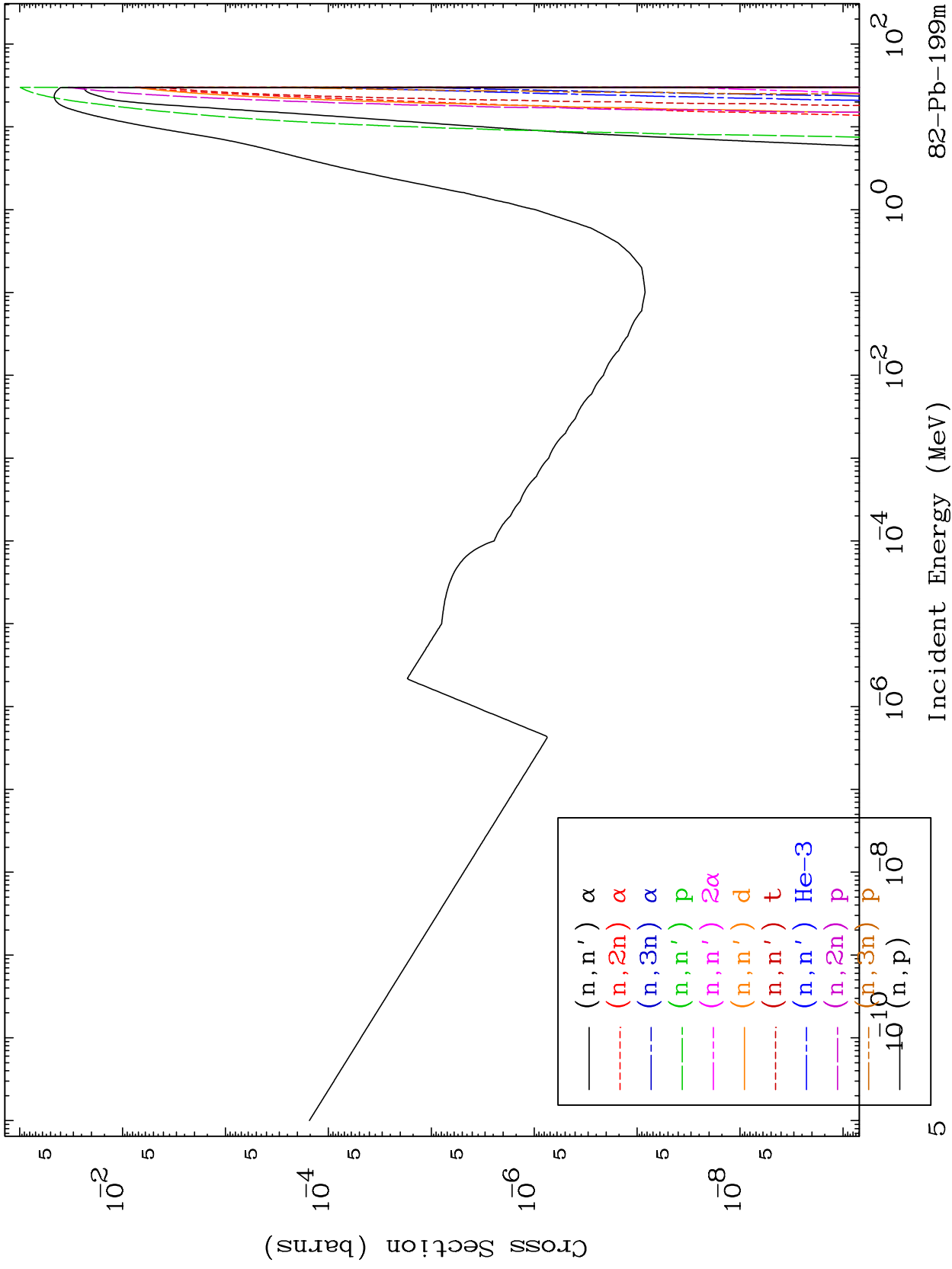
82-Pb-199m



MAT 8211

Charged Particle
293 Kelvin Cross Sections

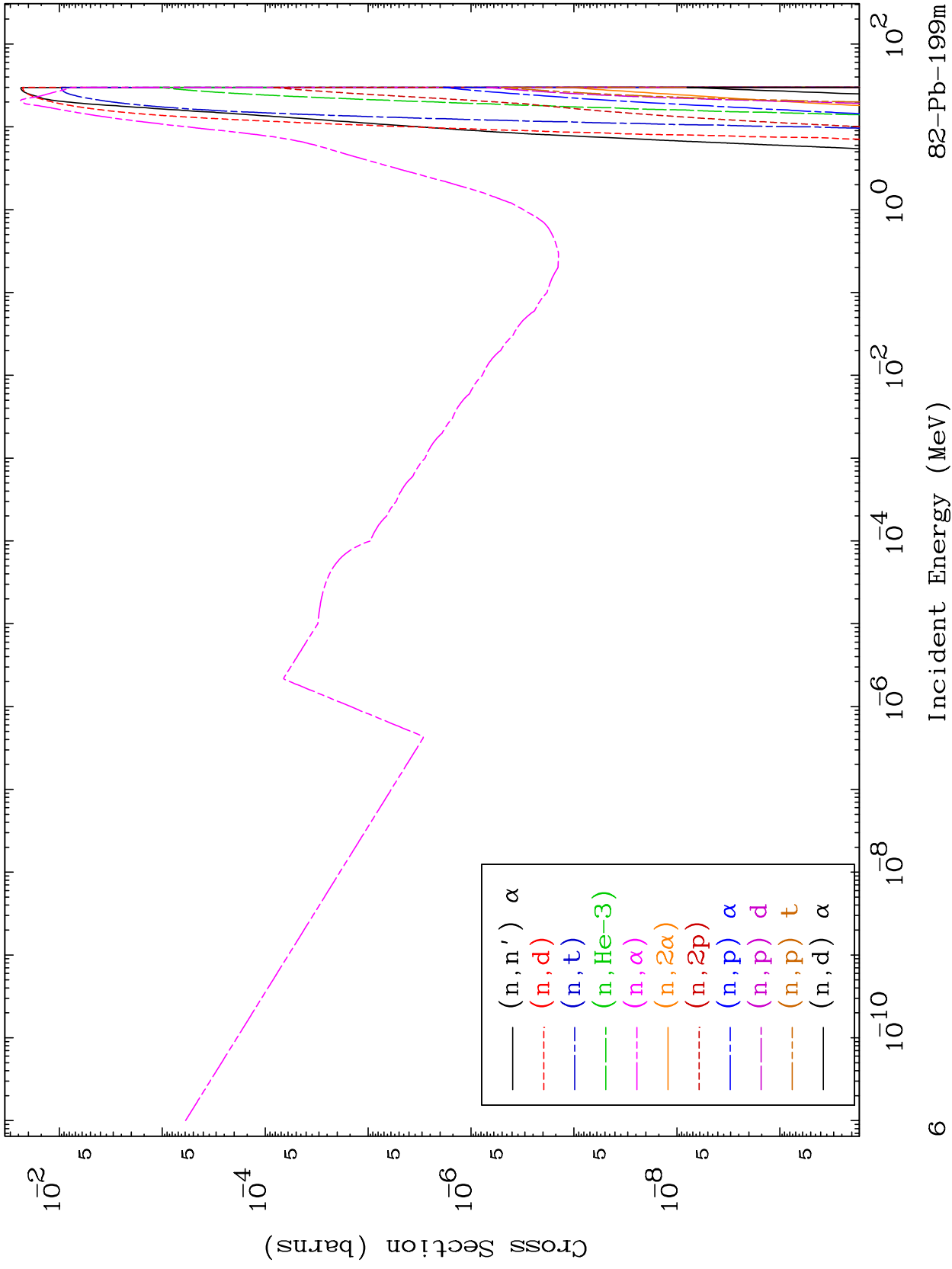
82-Pb-199m



MAT 8211

Charged Particle
293 Kelvin Cross Sections

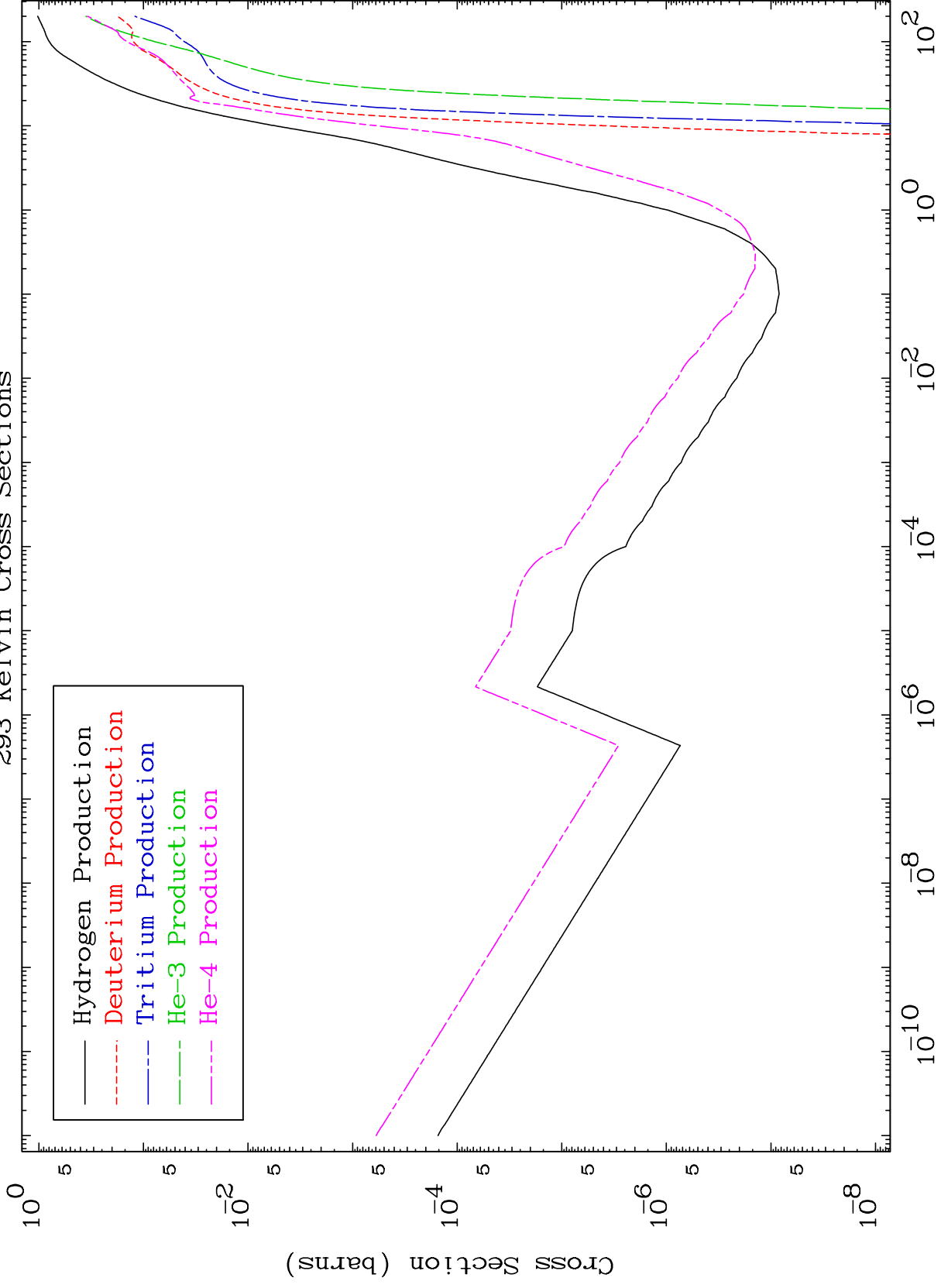
82-Pb-199m



MAT 8211

Particle Production
293 Kelvin Cross Sections

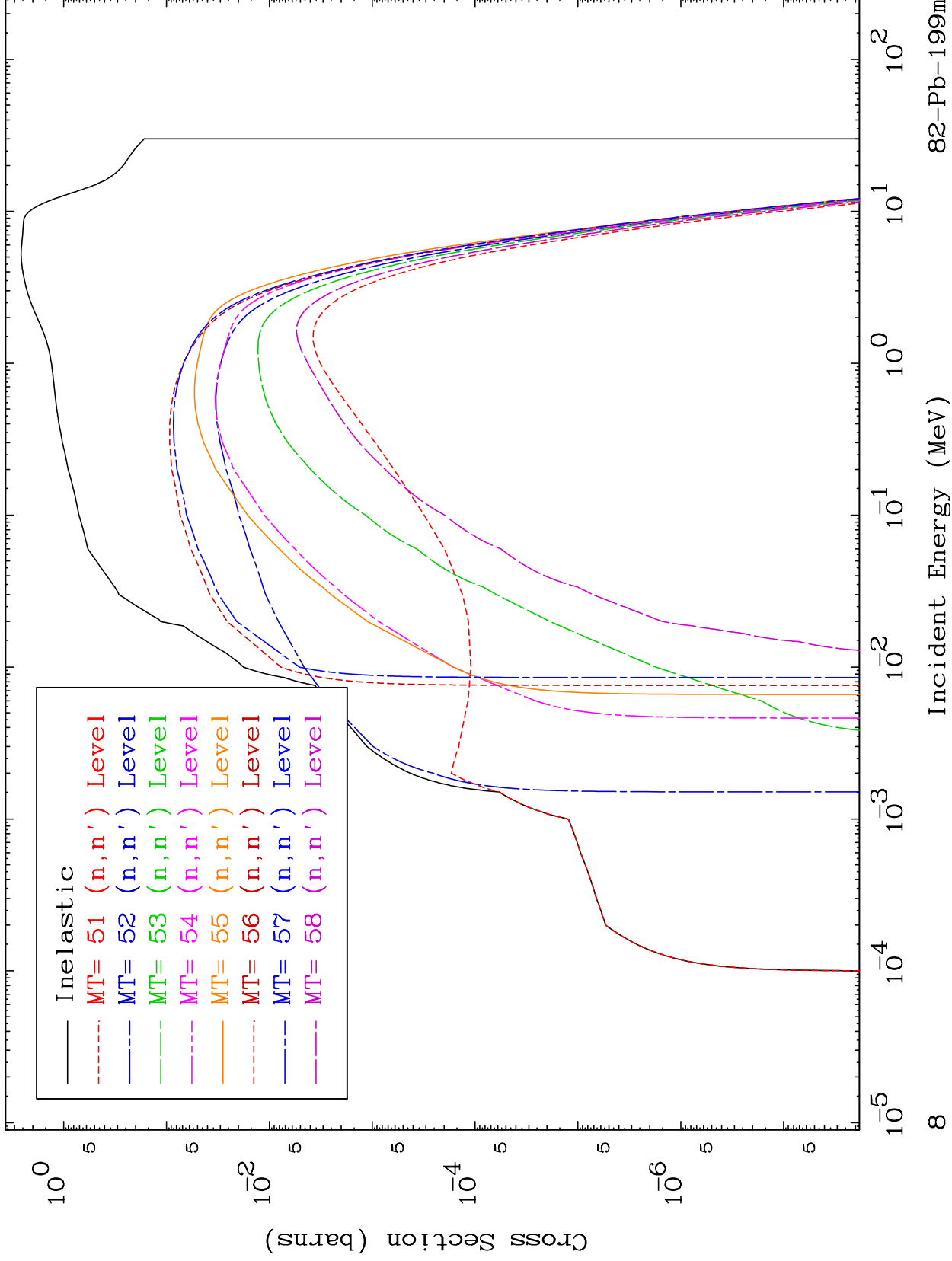
82-Pb-199m



MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-199m

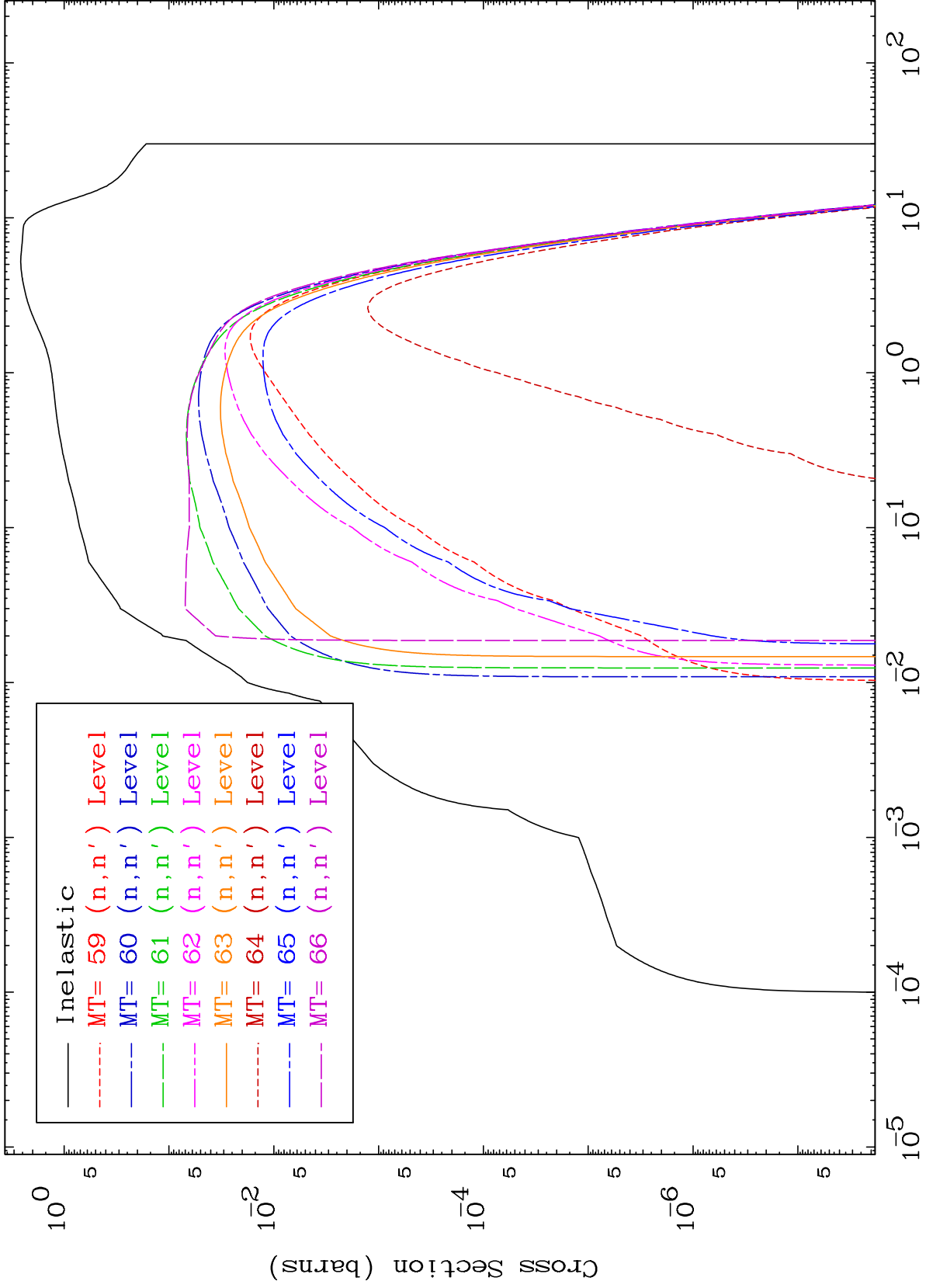


MAT 8211

293 Kelvin Cross Sections

(n,n') Levels

82-Pb-199m



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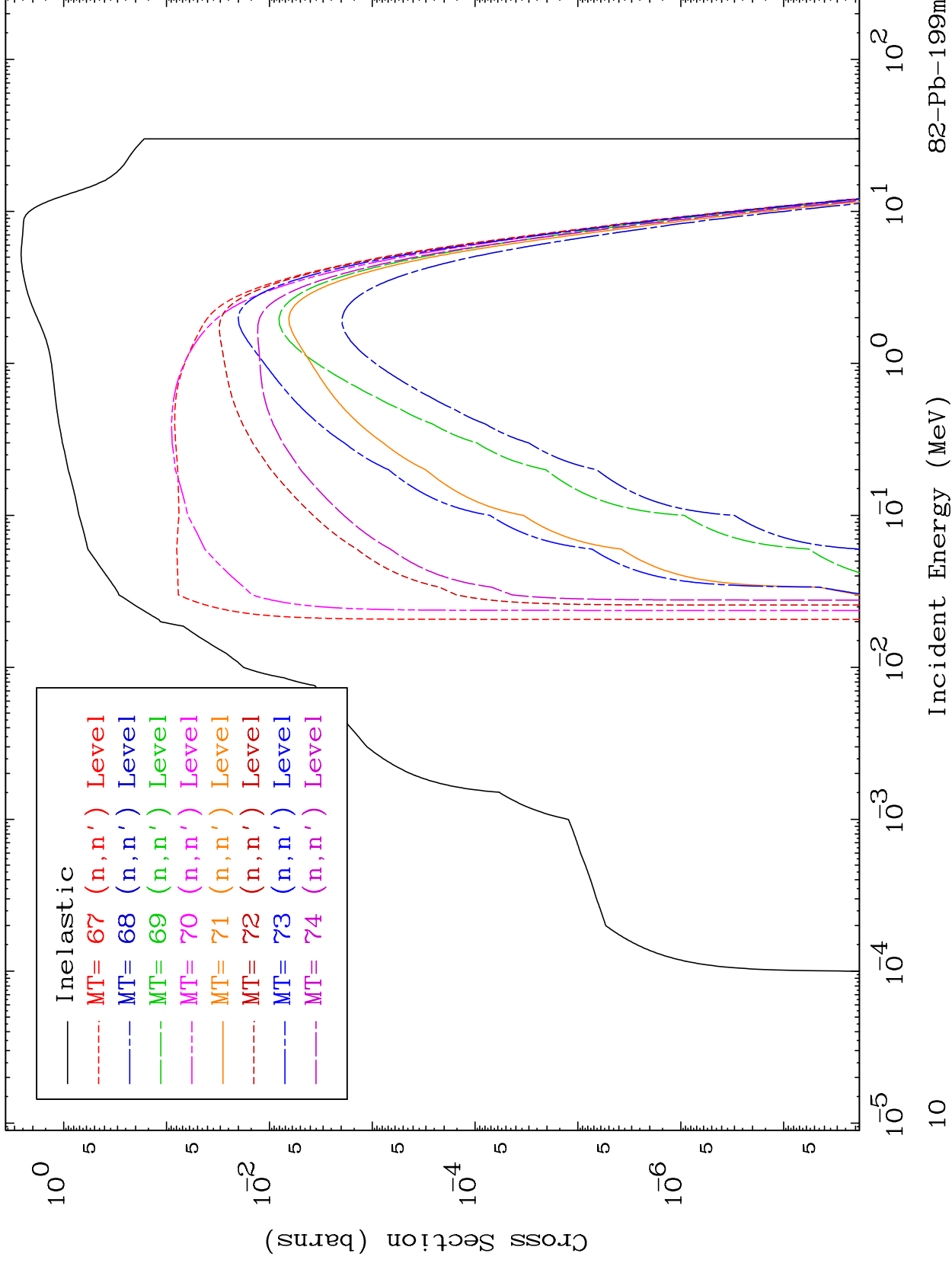
Incident Energy (MeV)

82-Pb-199m

MAT 8211

293 Kelvin Cross Sections
(n,n') Levels

82-Pb-199m

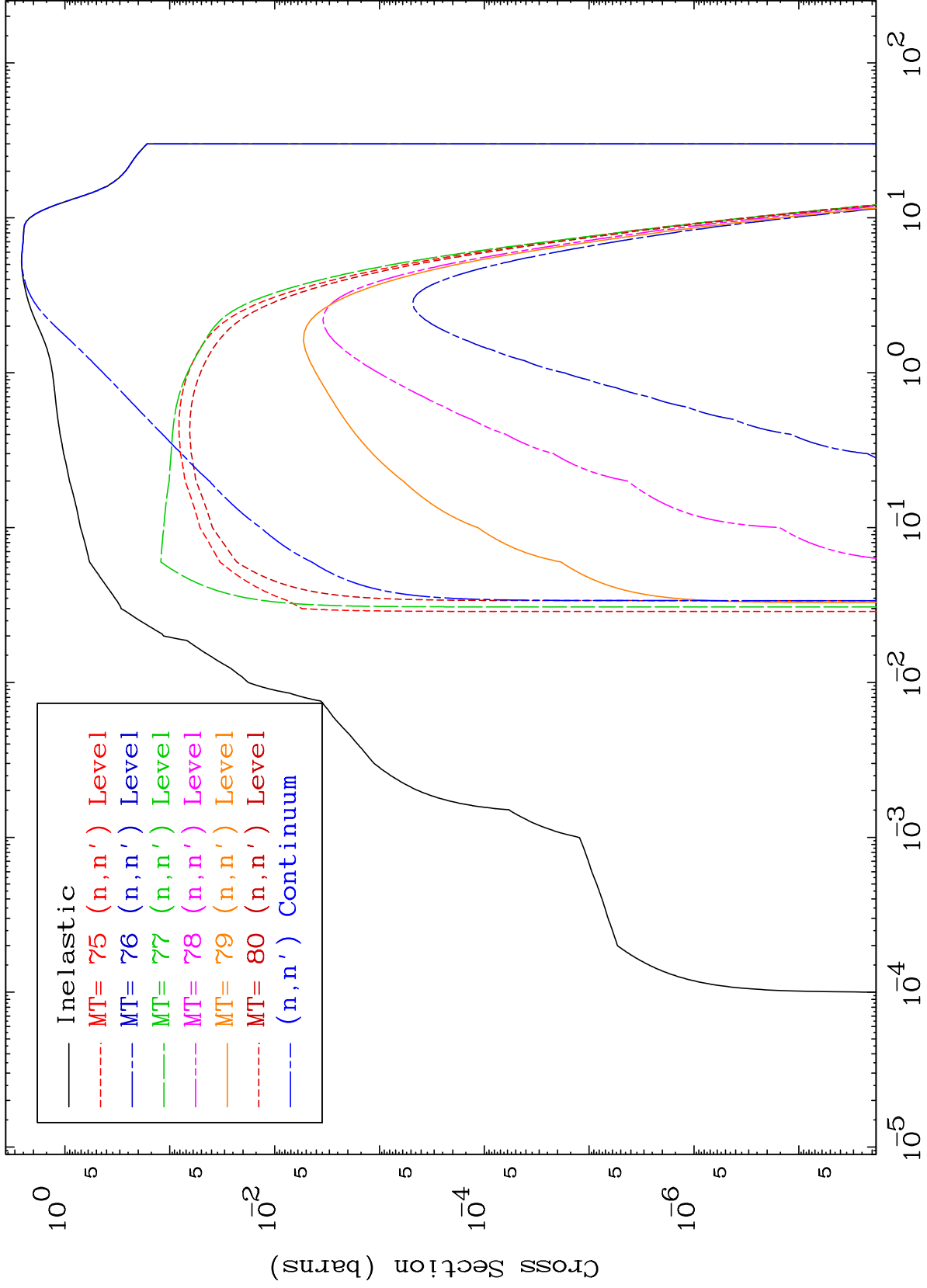


MAT 8211

(n,n') Levels

82-Pb-199m

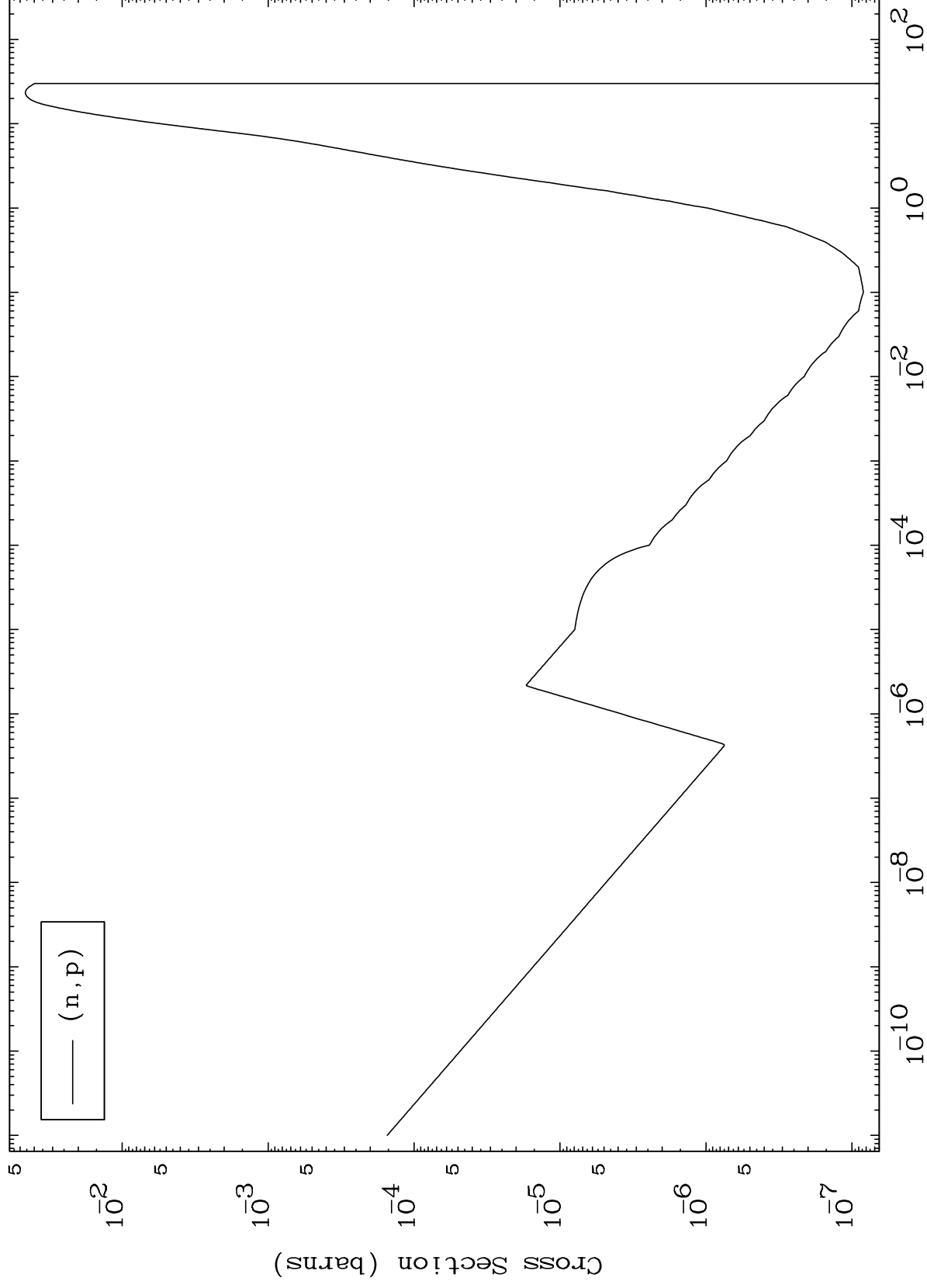
293 Kelvin Cross Sections



MAT 8211

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-199m



12

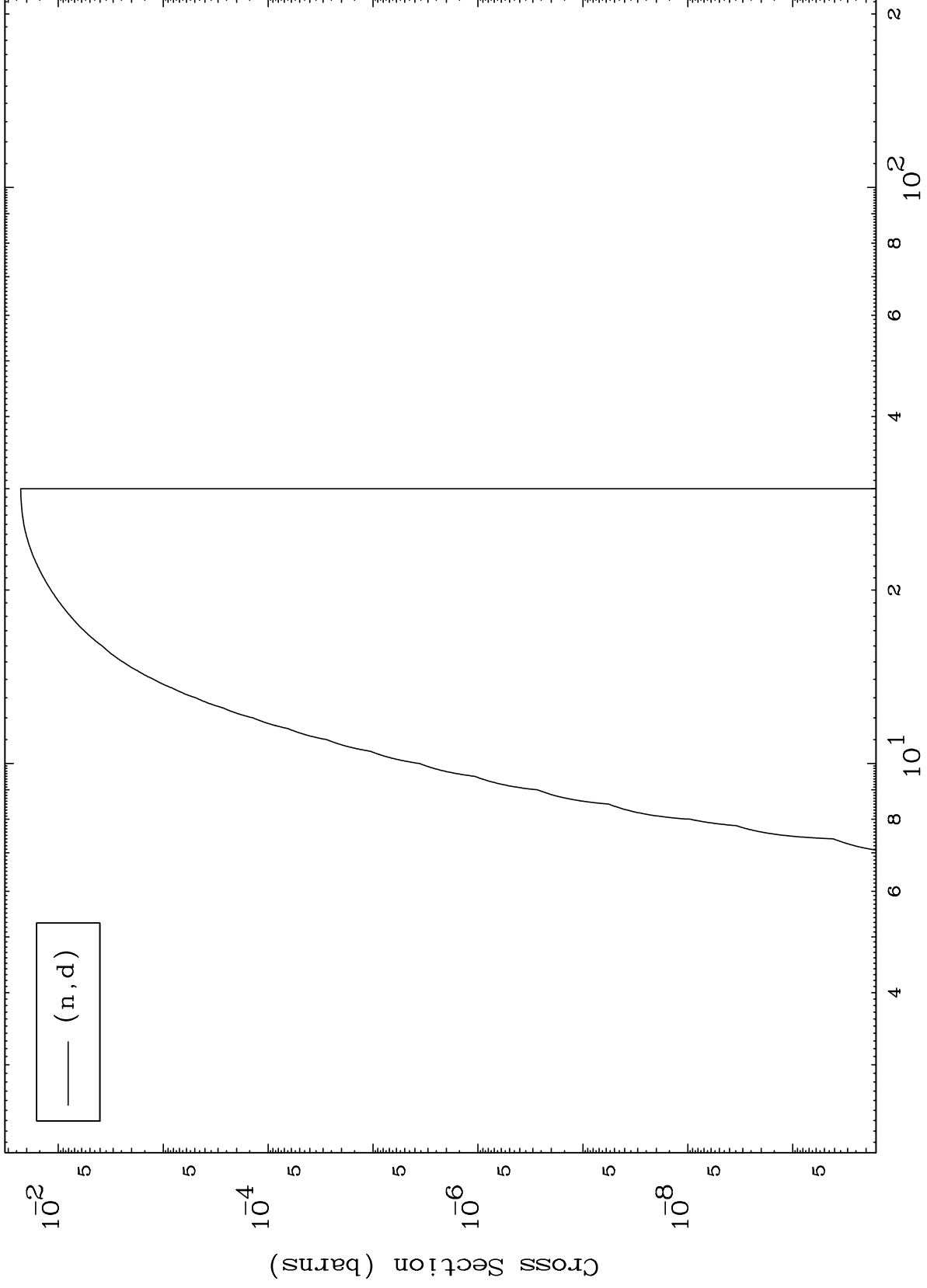
82-Pb-199m

Incident Energy (MeV)

MAT 8211

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-199m



13

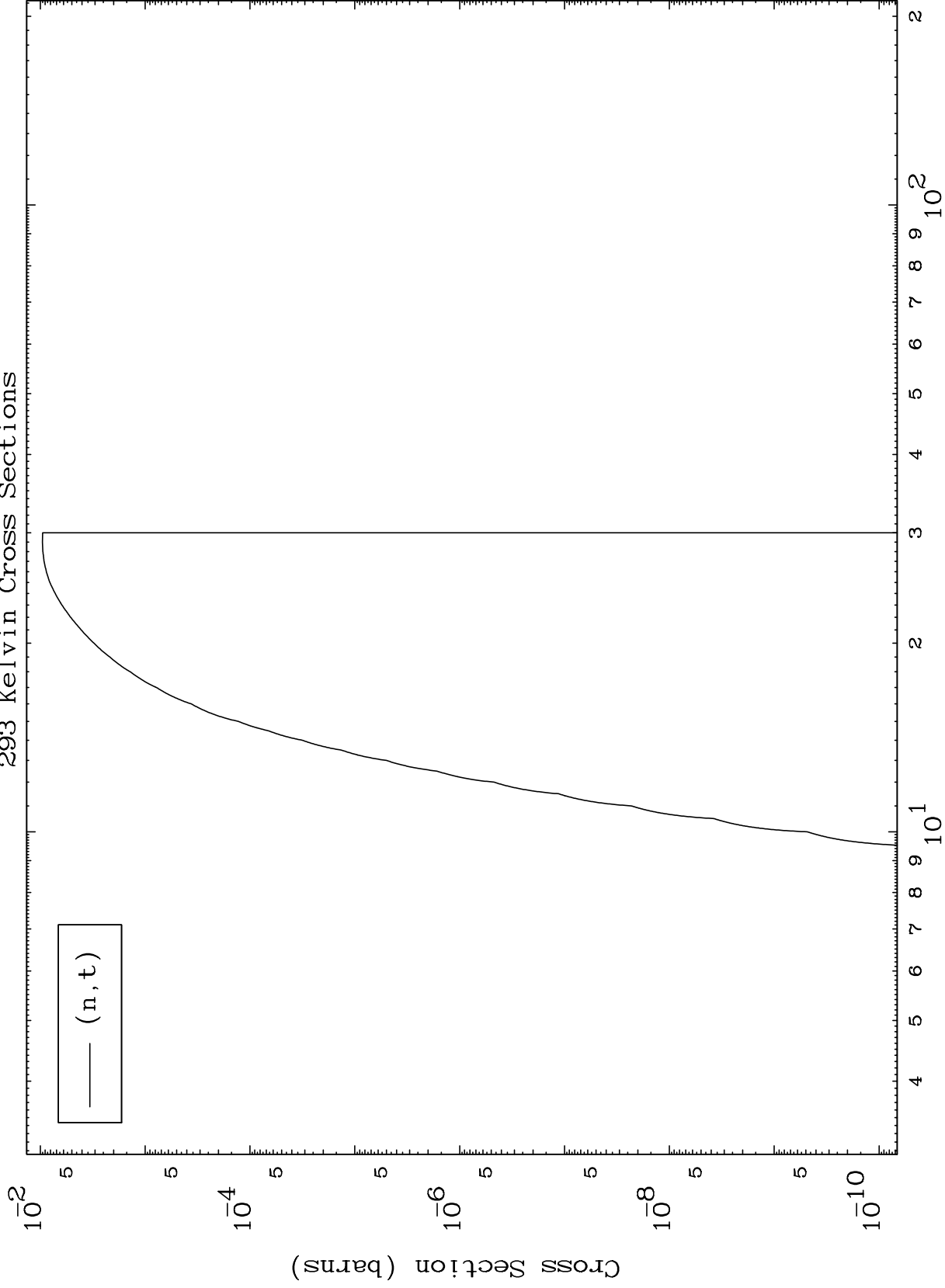
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-199m



14

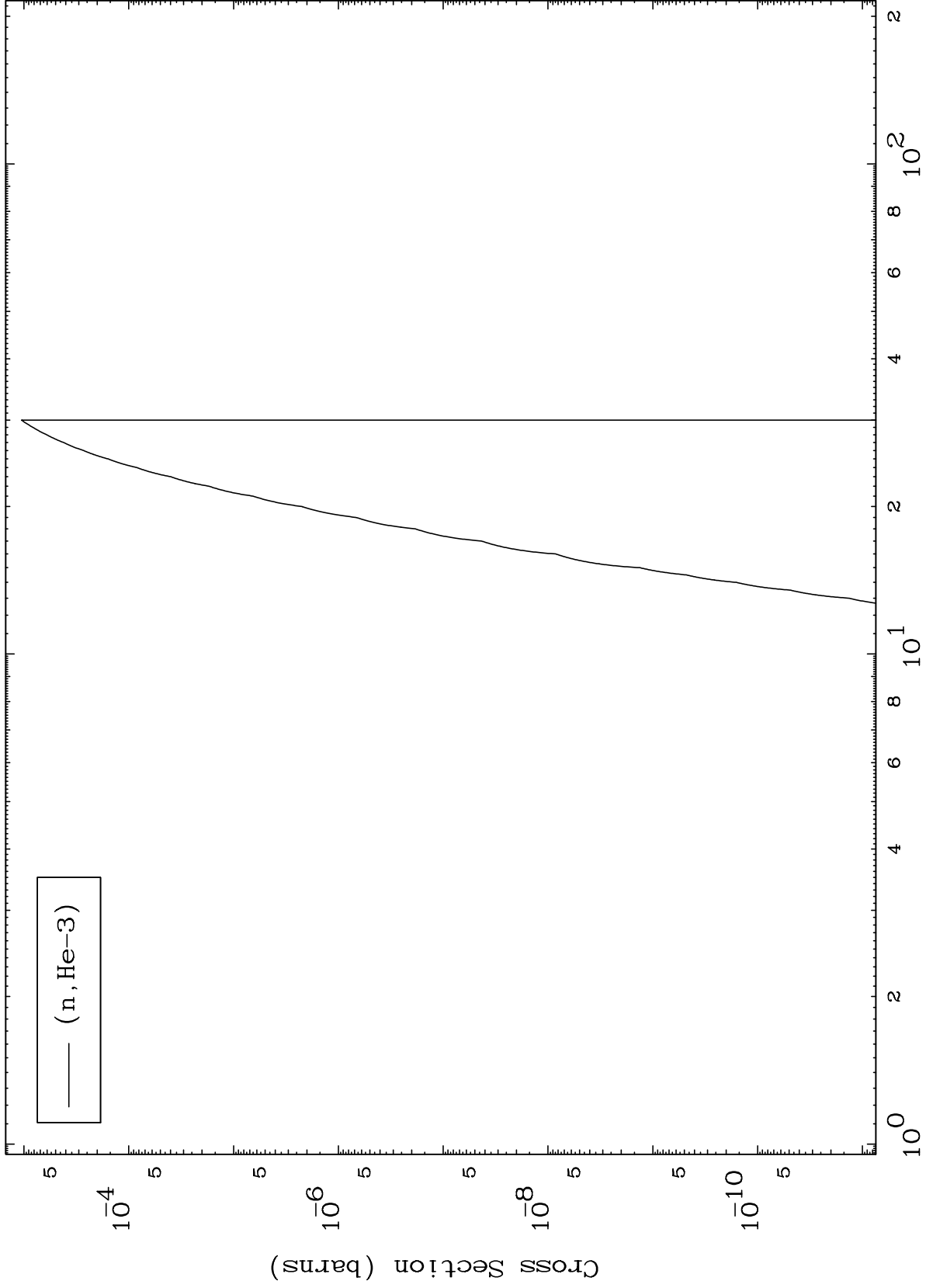
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-199m



15

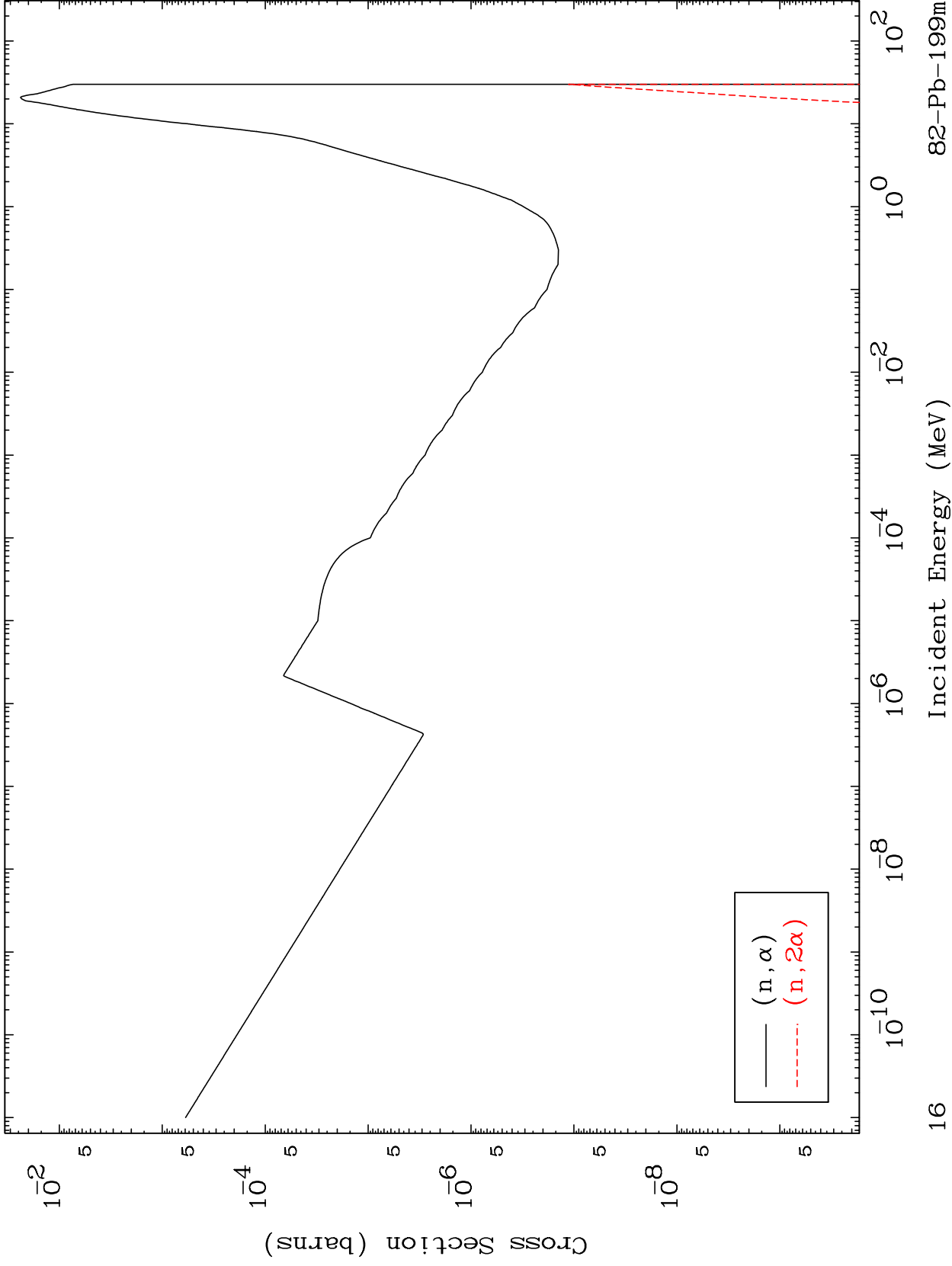
Incident Energy (MeV)

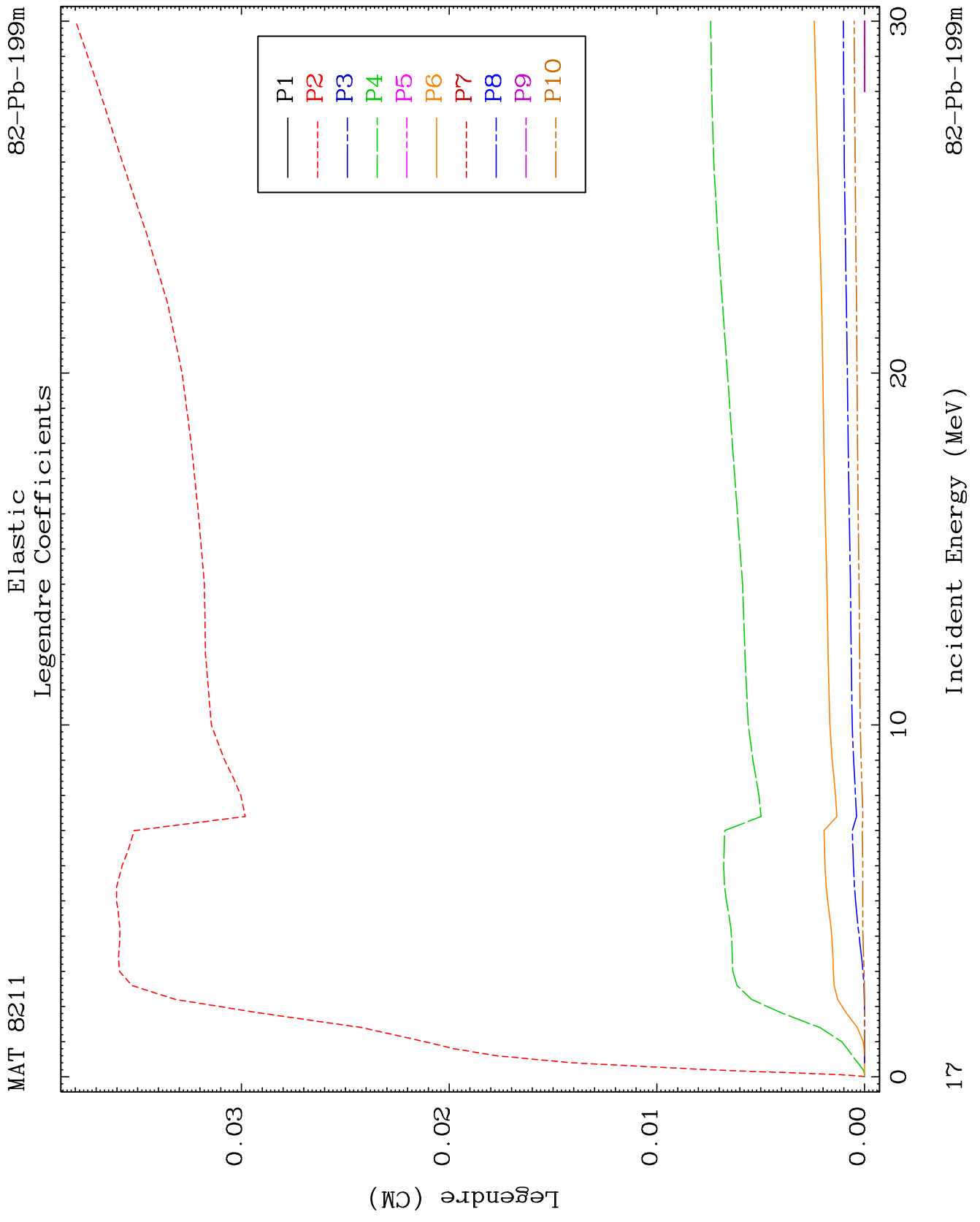
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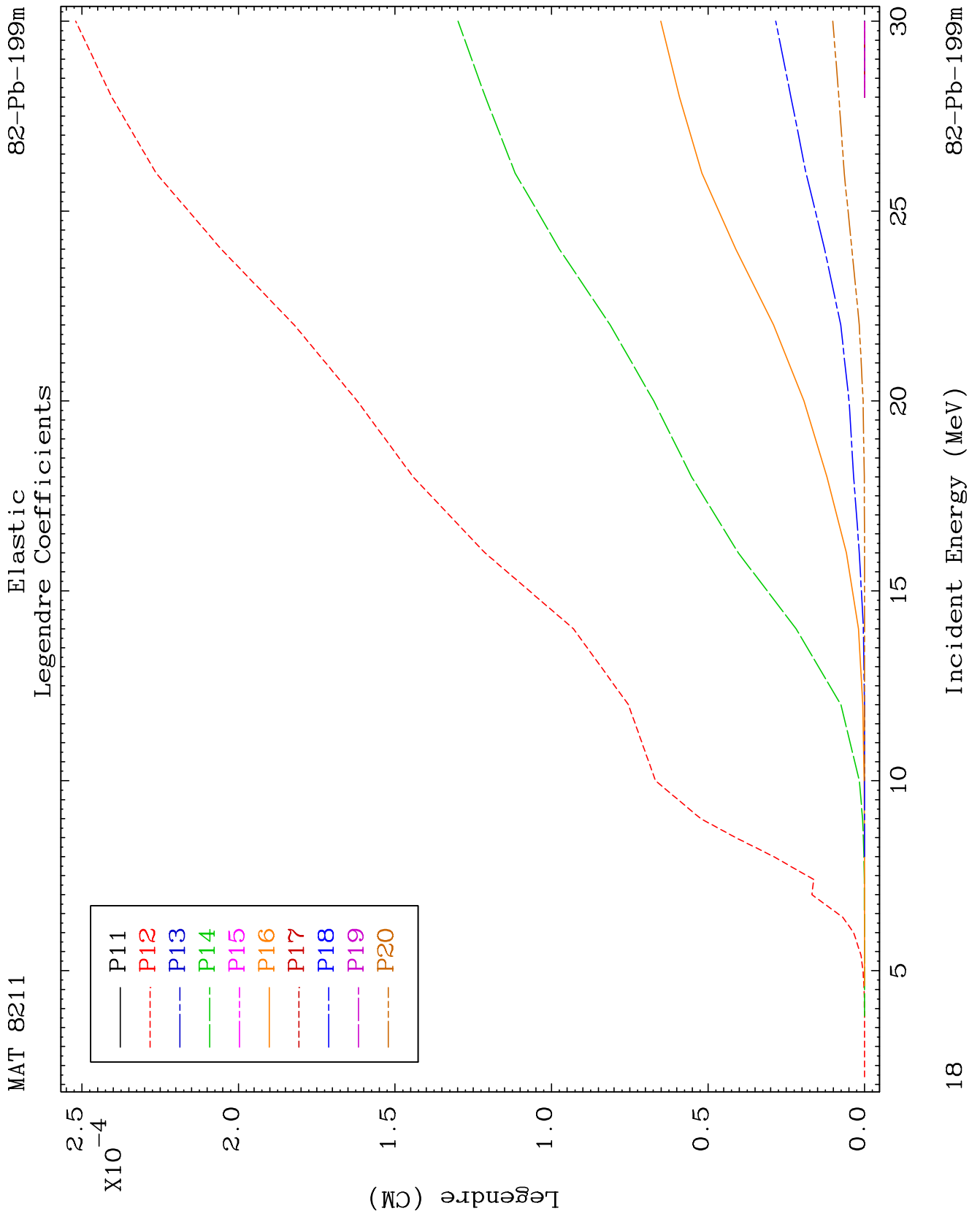
MAT 8211

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-199m



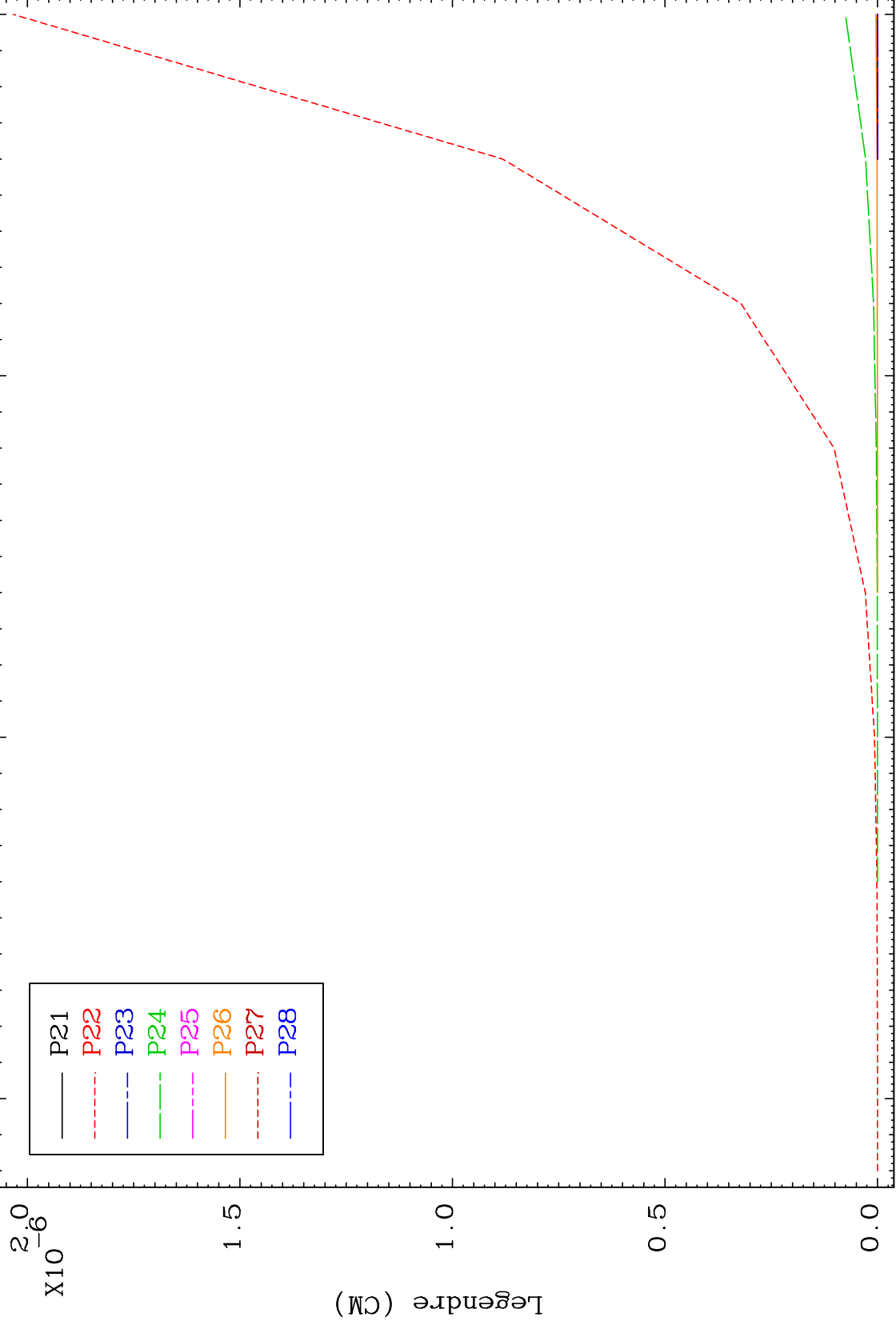




MAT 8211

Elastic
Legendre Coefficients

82-Pb-199m



19

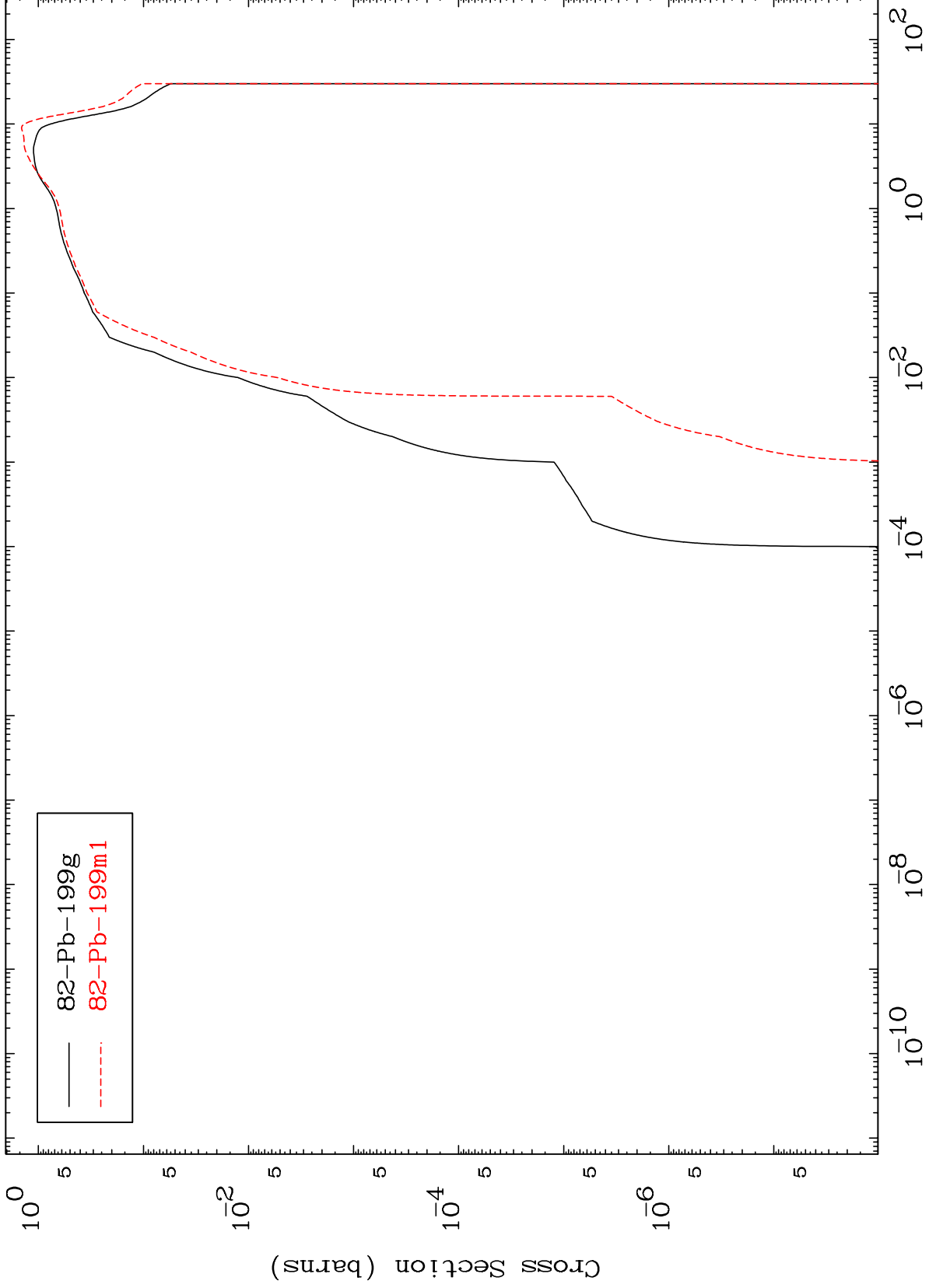
Incident Energy (MeV)

82-Pb-199m

MAT 8211

Inelastic
Radionuclide Production Cross Section

82-Pb-199m

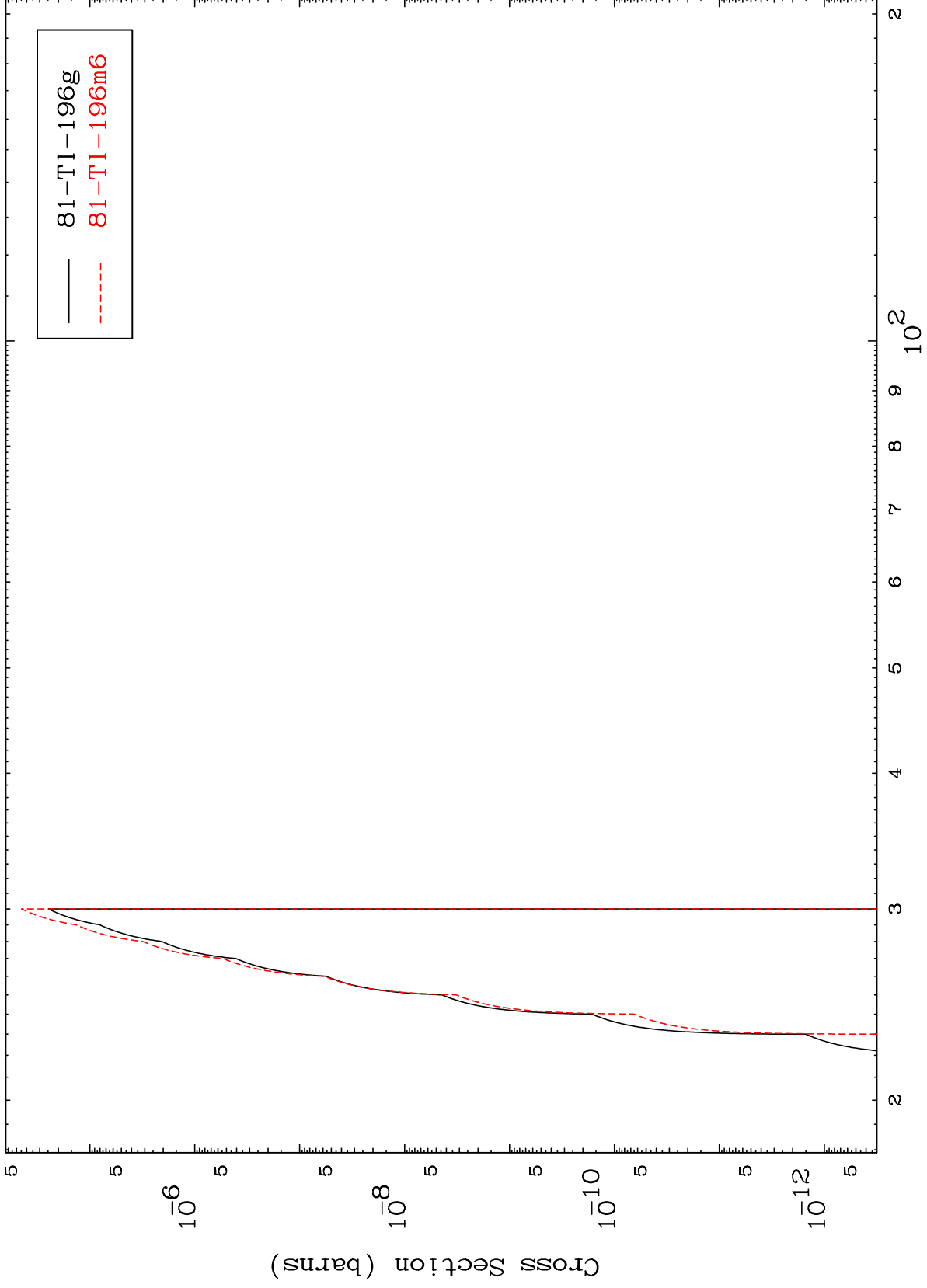


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(n,2n) d

82-Pb-199m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

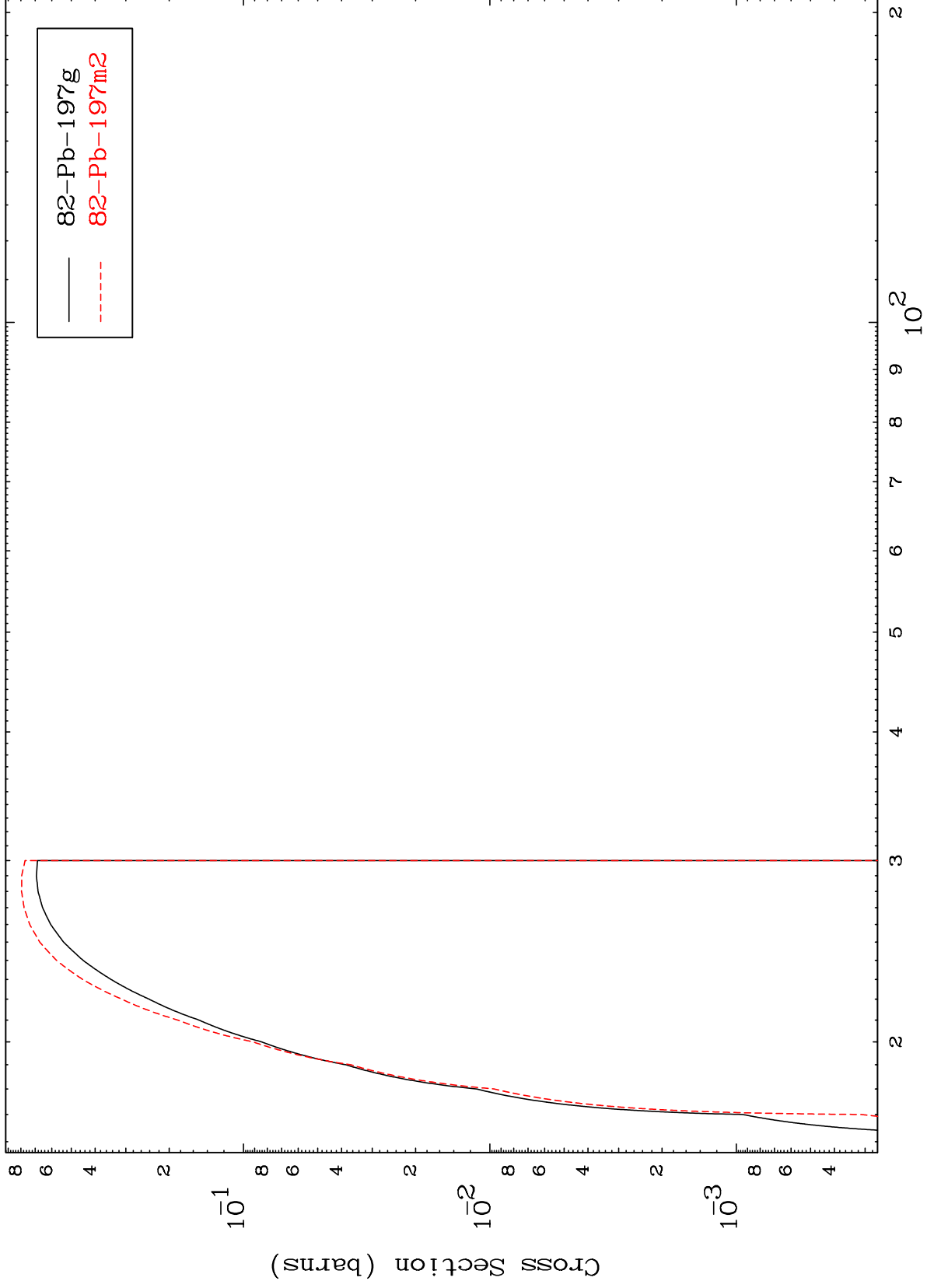
82-Pb-199m

MAT 8211

(n,3n)

82-Pb-199m

Radionuclide Production Cross Section



22

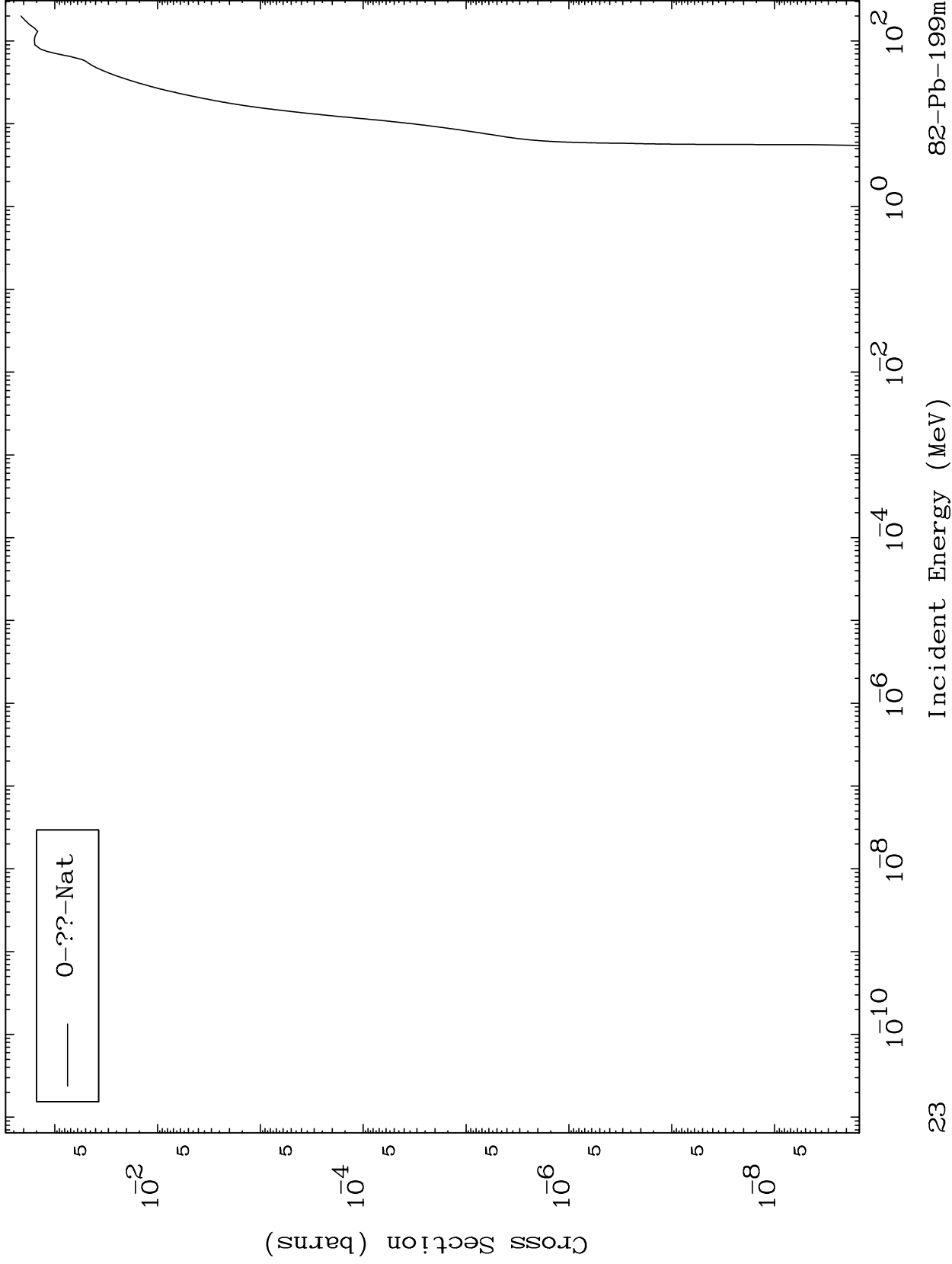
Incident Energy (MeV)

82-Pb-199m

MAT 8211

Fission
Radionuclide Production Cross Section

$^{82}\text{Pb-199m}$

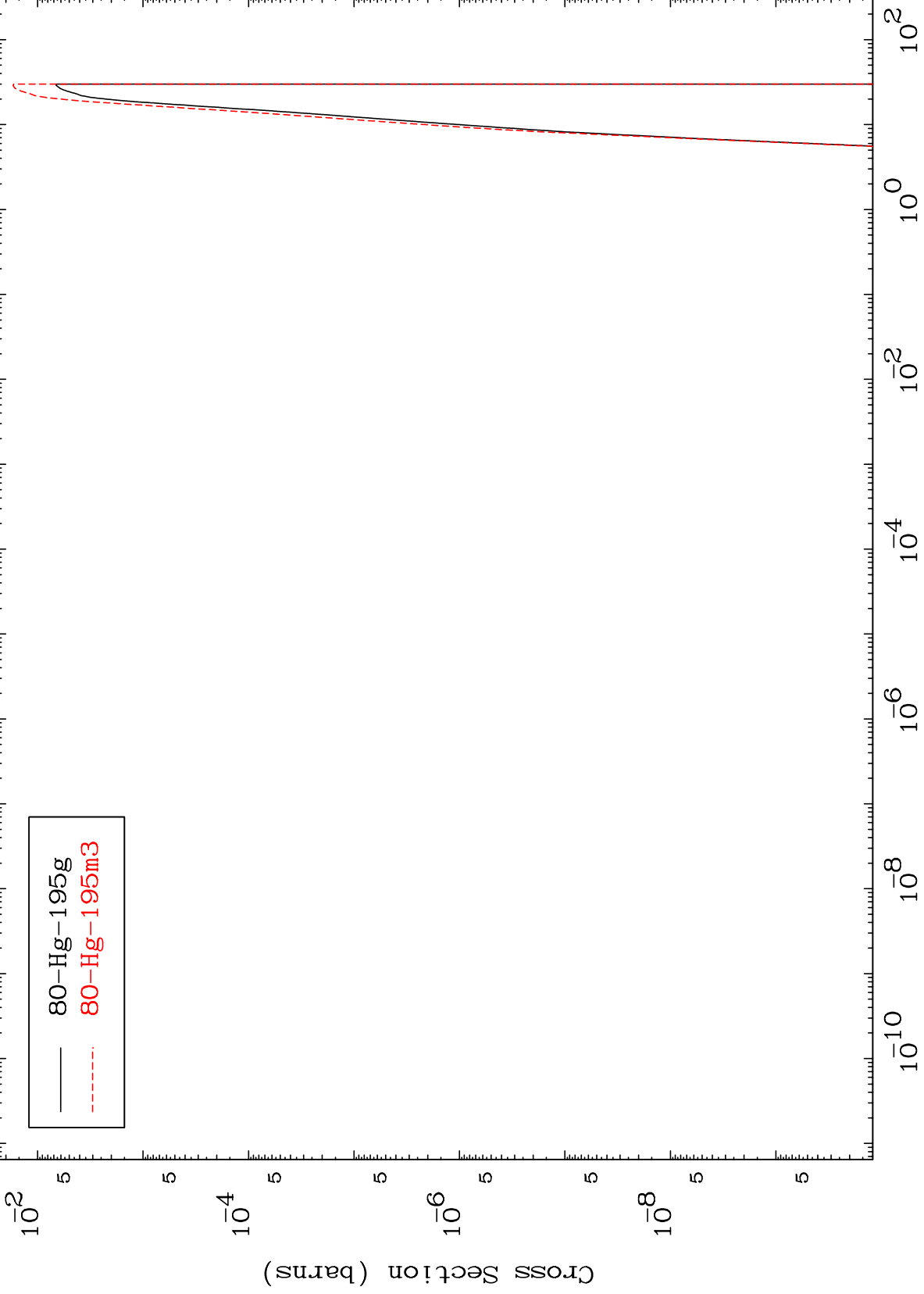


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$(n, n') \alpha$

82-Pb-199m

Radionuclide Production Cross Section

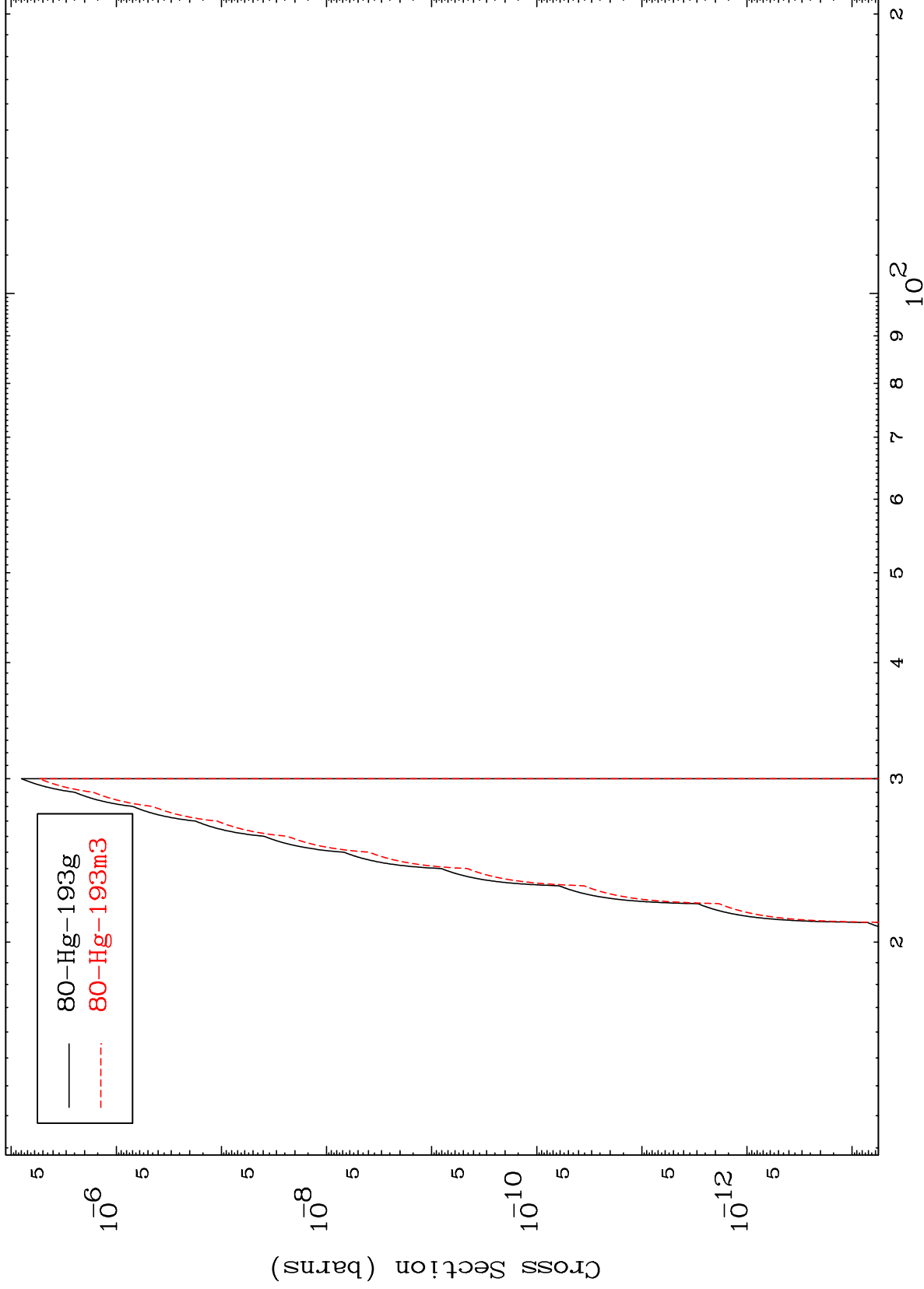


MAT 8211

(n,3n) α

82-Pb-199m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

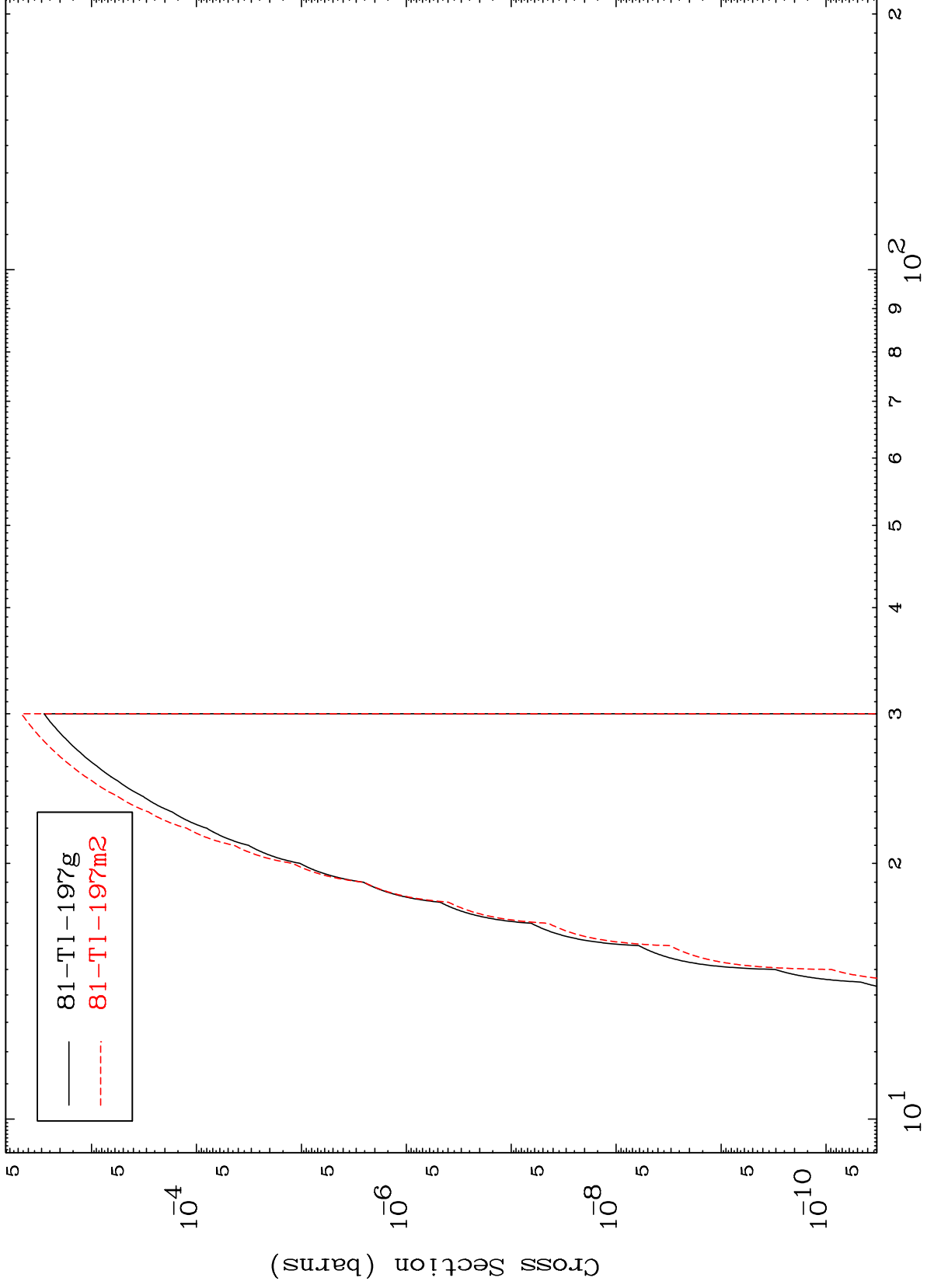
82-Pb-199m

MAT 8211

(n,n') d

82-Pb-199m

Radionuclide Production Cross Section

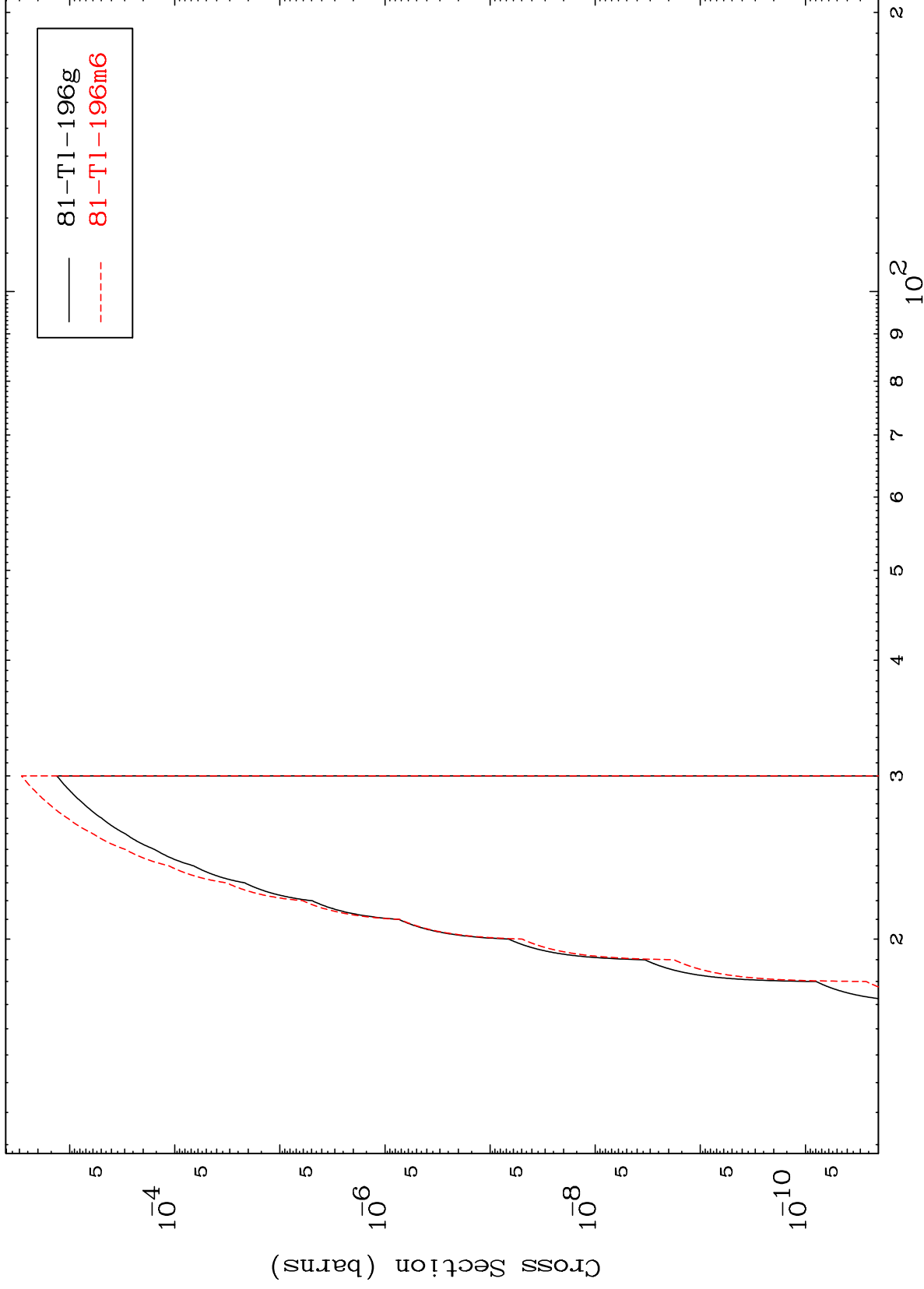


Incident Energy (MeV)

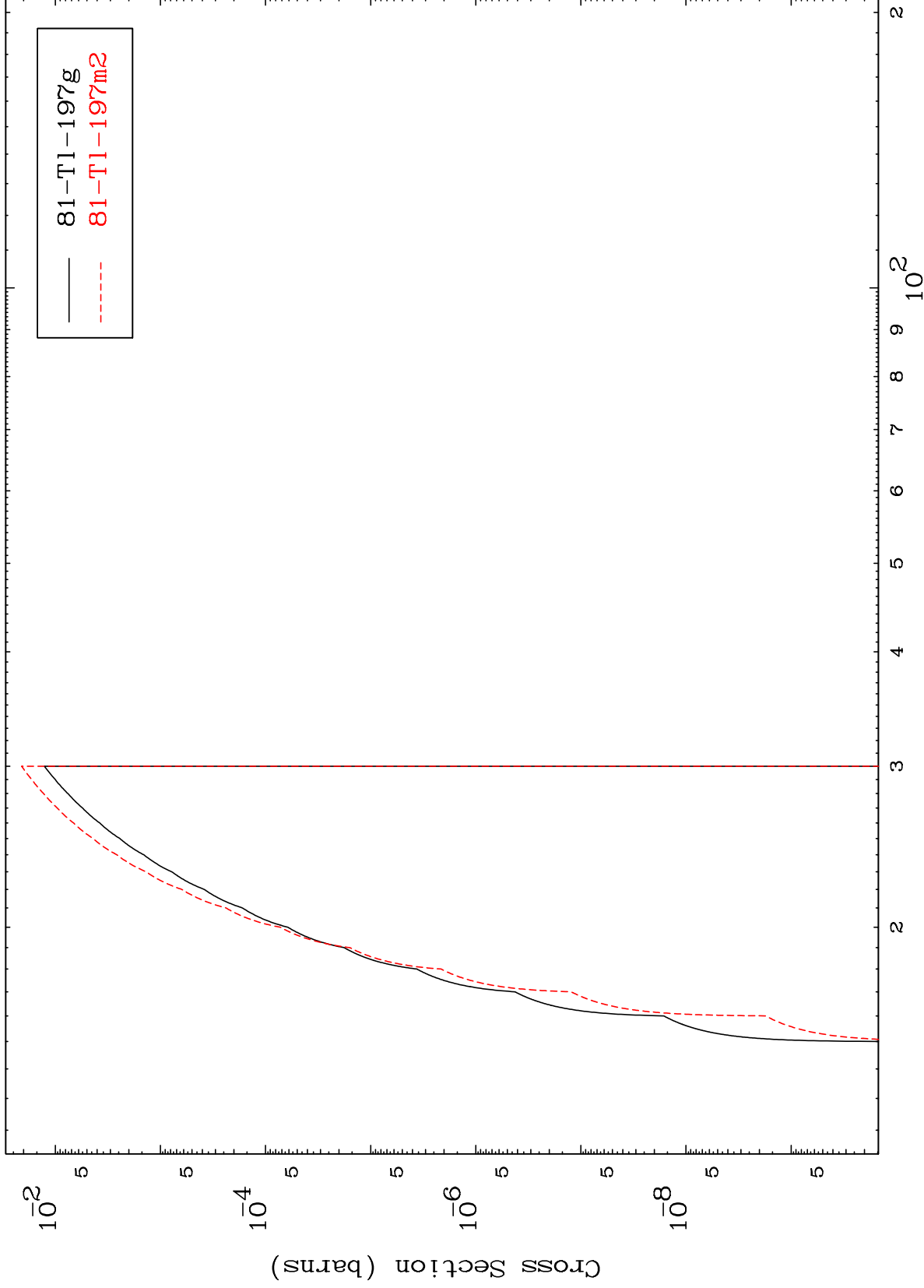
82-Pb-199m

26

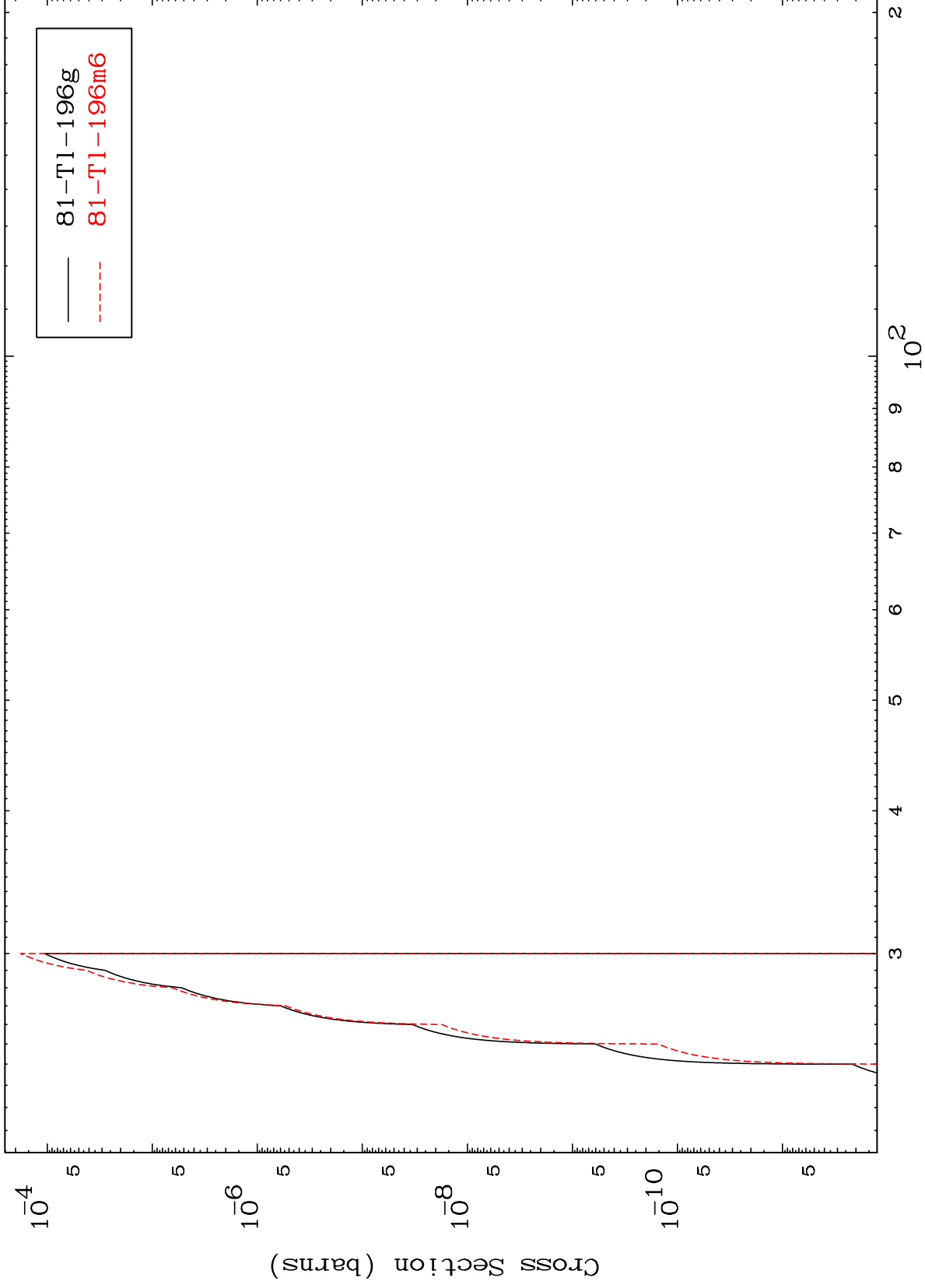
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

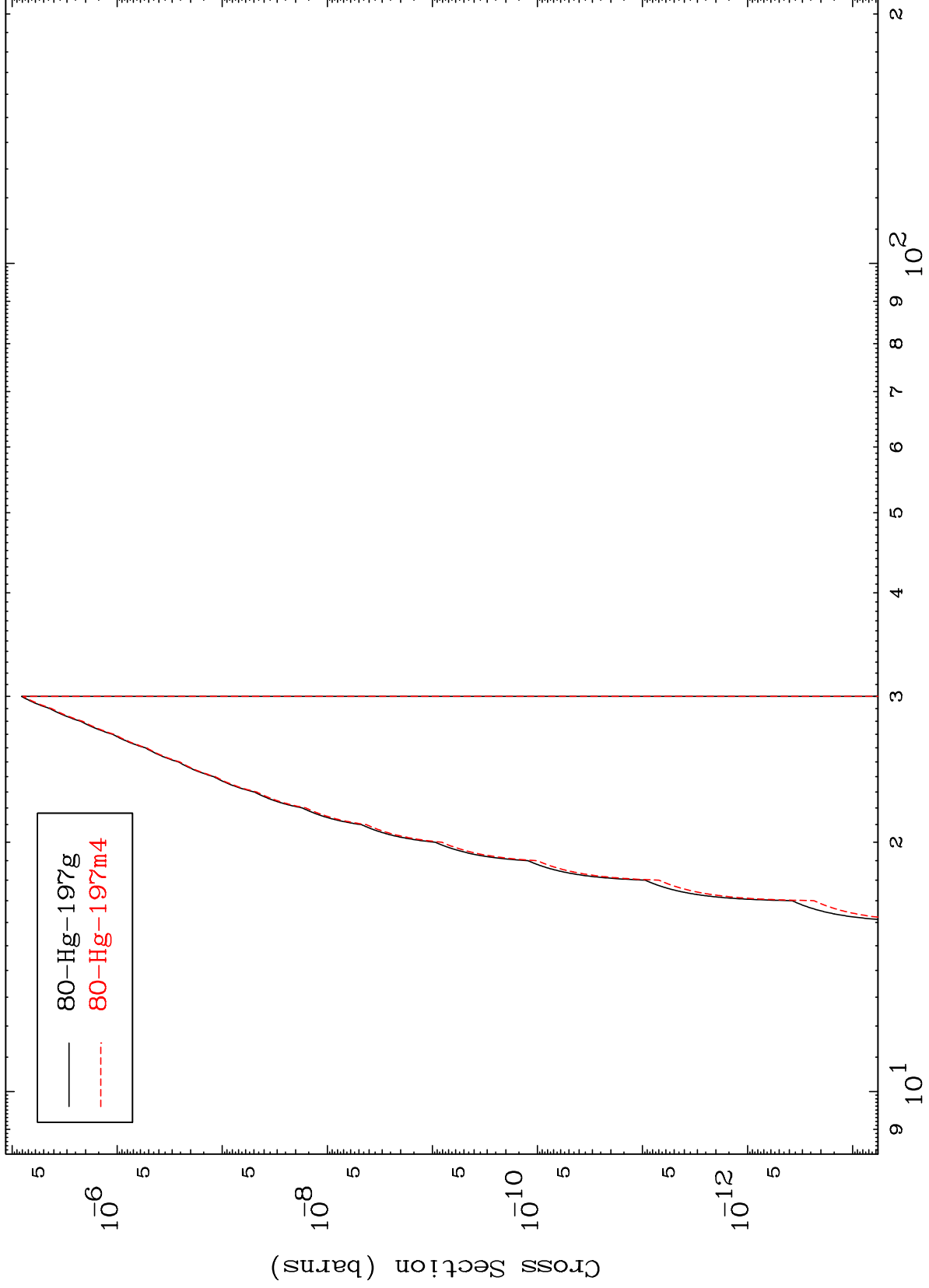


MAT 8211

(n,2n) p

82-Pb-199m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

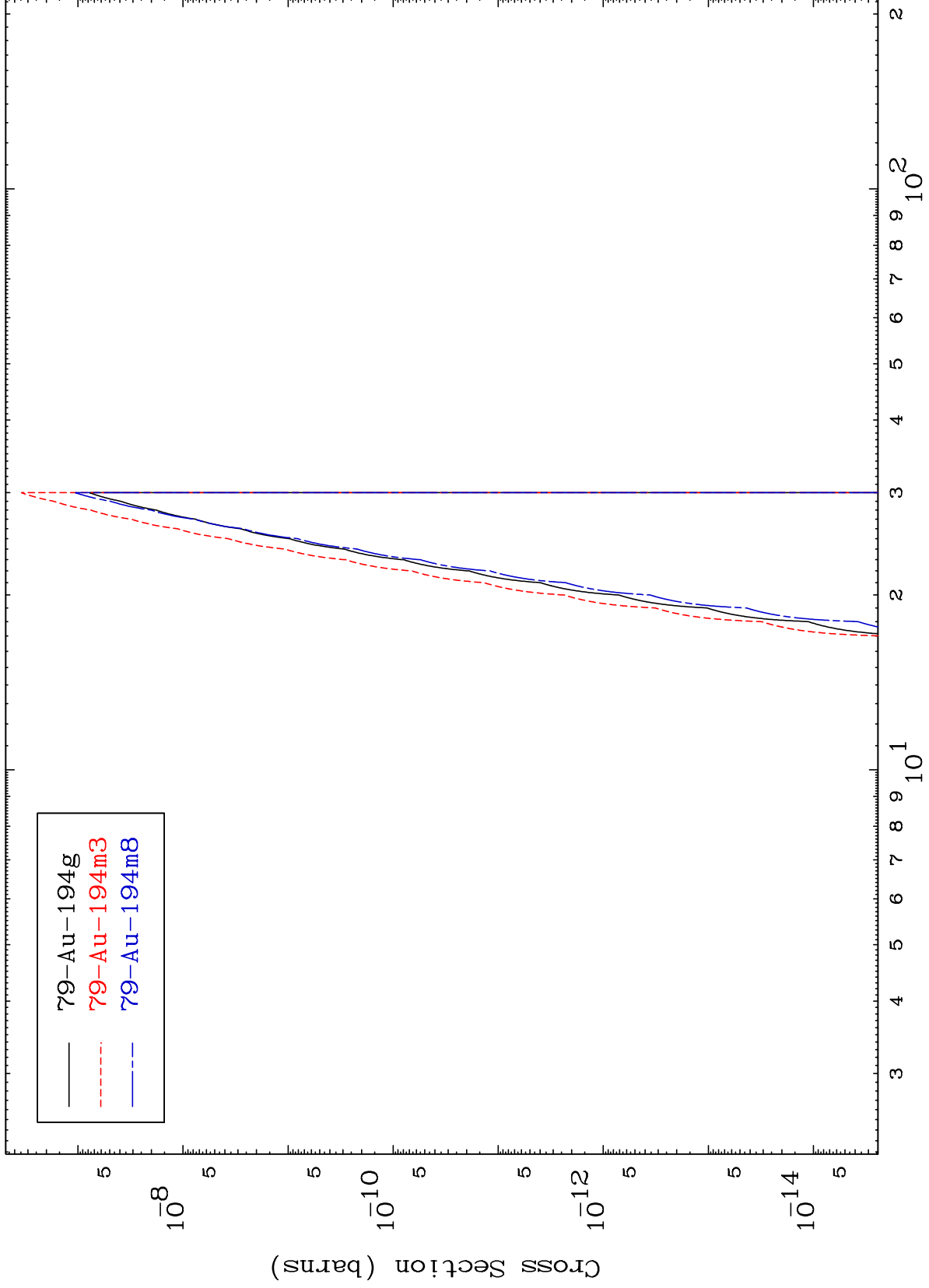
82-Pb-199m

MAT 8211

(n,n') p α

82-Pb-199m

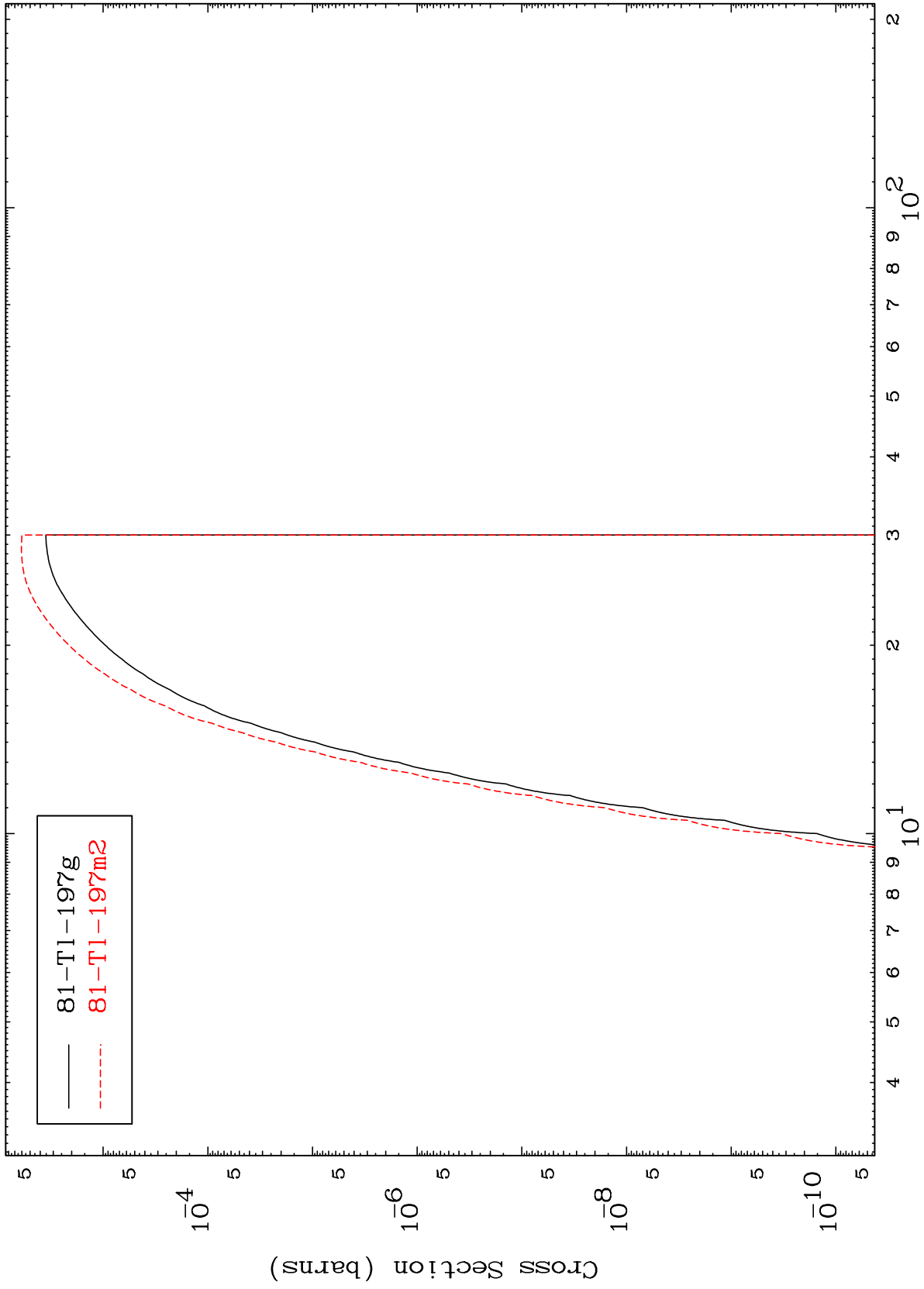
Radionuclide Production Cross Section



MAT 8211

82-Pb-199m

(n, t)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

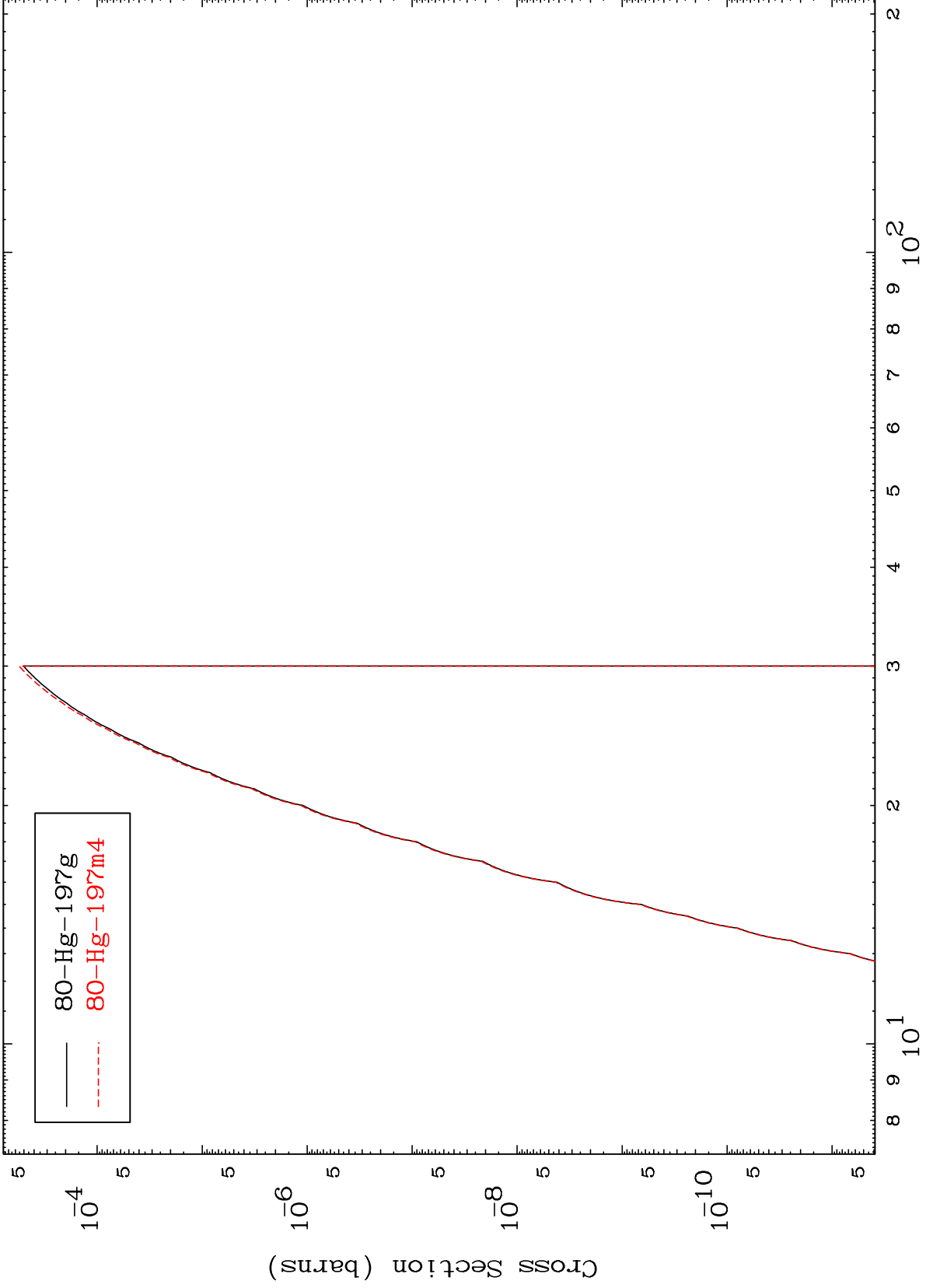
82-Pb-199m

MAT 8211

(n,He-3)

82-Pb-199m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

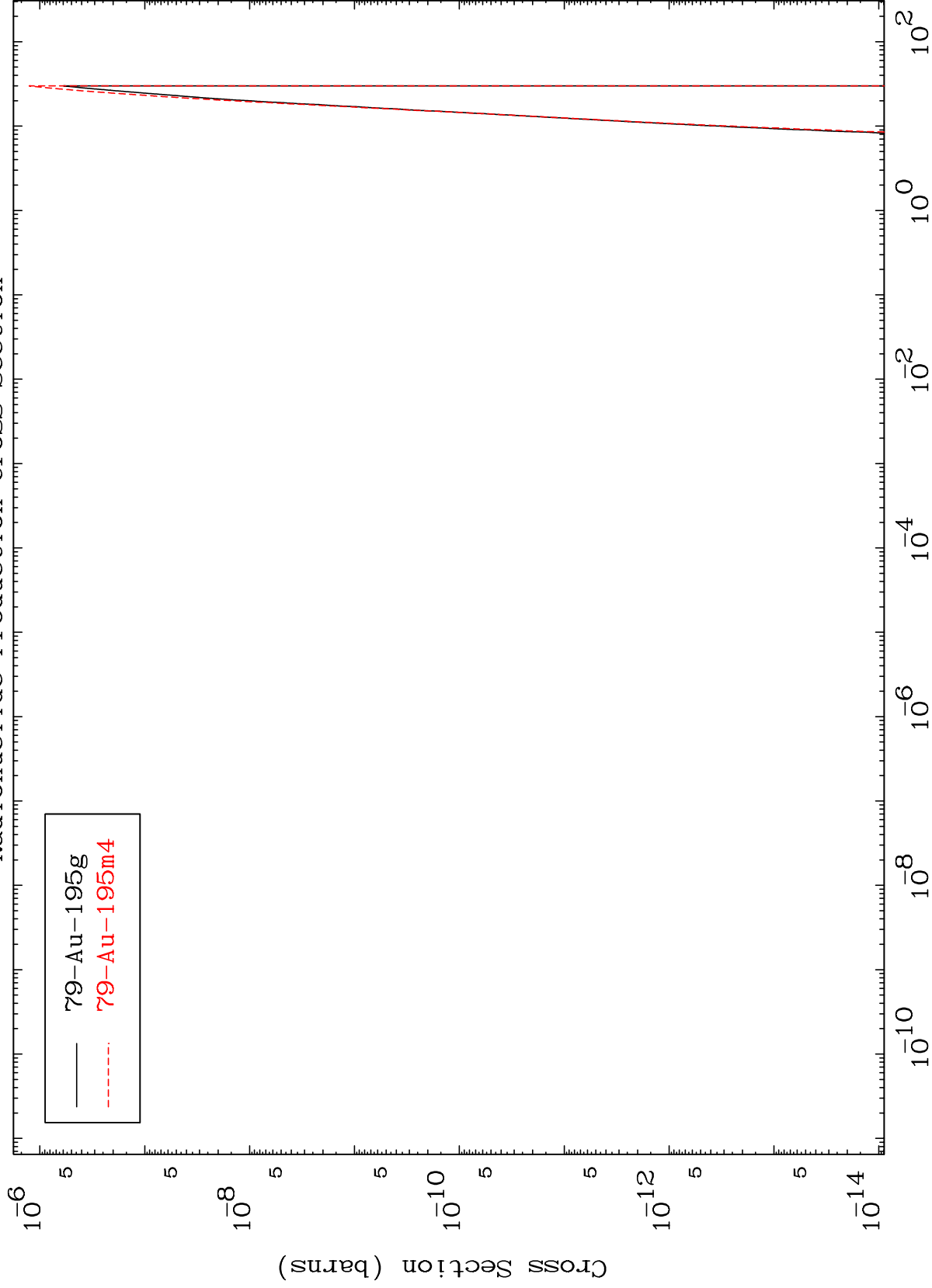
82-Pb-199m

MAT 8211

(n,p) α

82-Pb-199m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

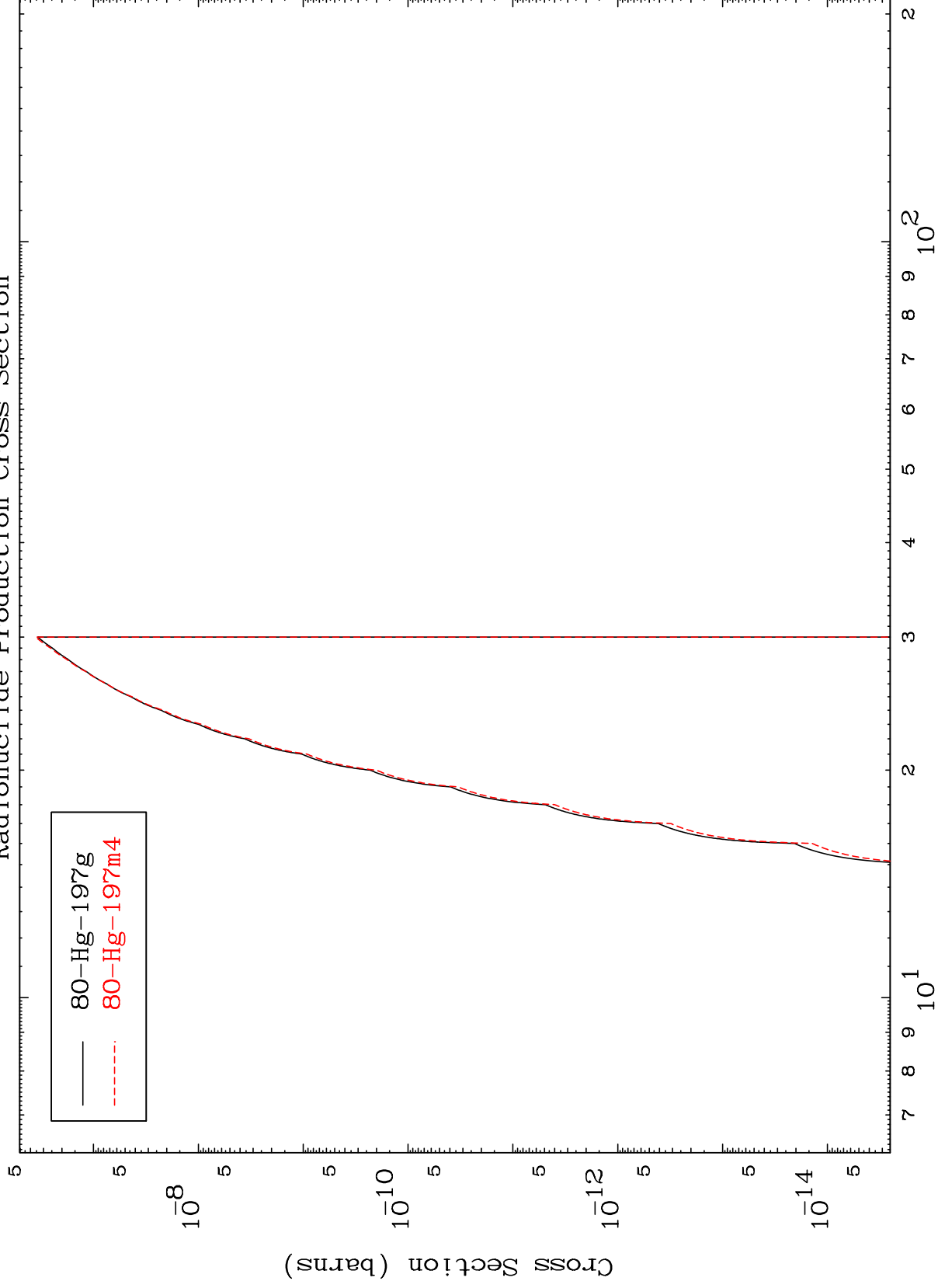
82-Pb-199m

MAT 8211

(n,p) d

82-Pb-199m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

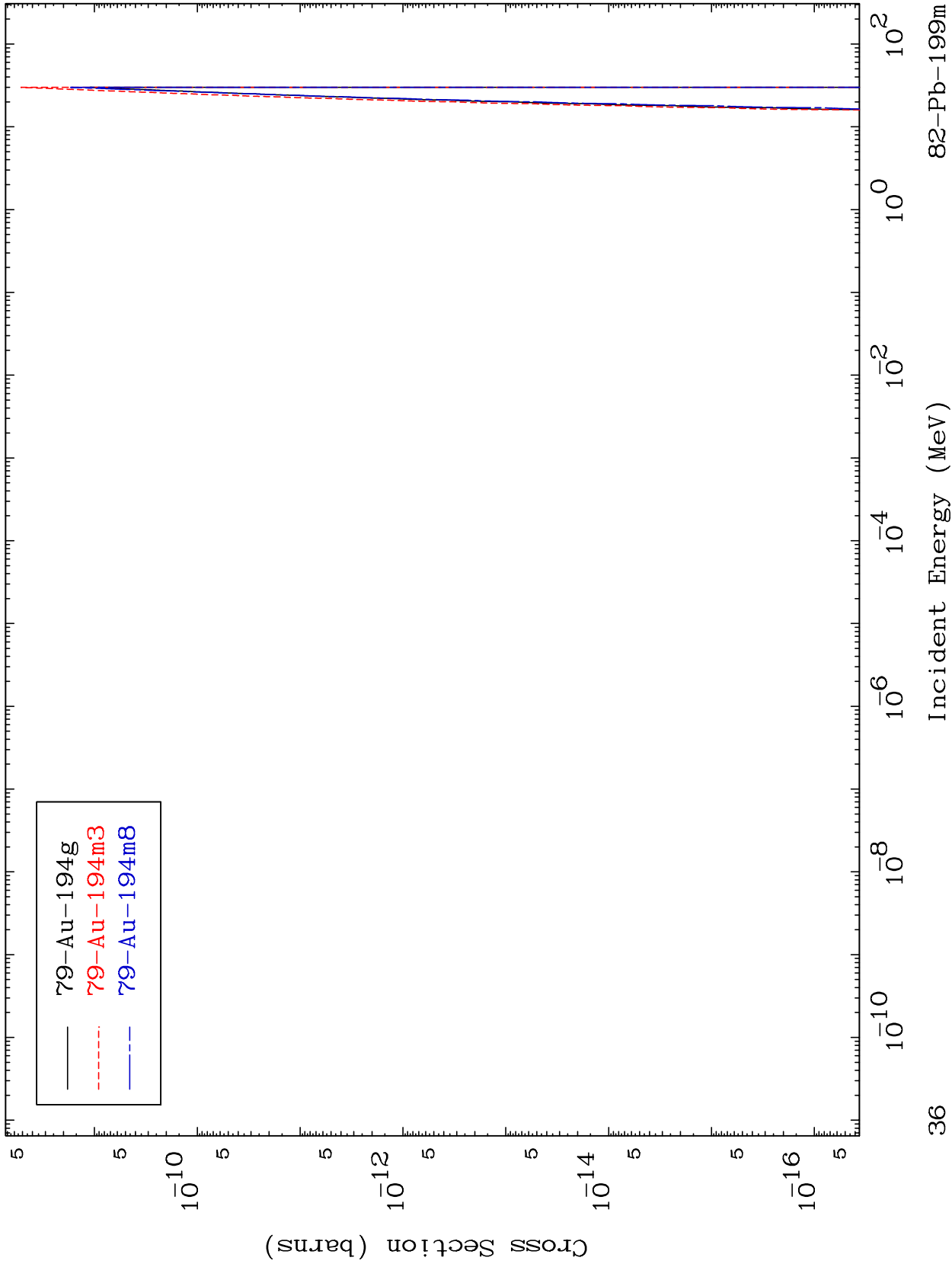
82-Pb-199m

MAT 8211

(n,d) α

82-Pb-199m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

82-Pb-199m