

Program EVALPLOT
(Version 2021-1)

by

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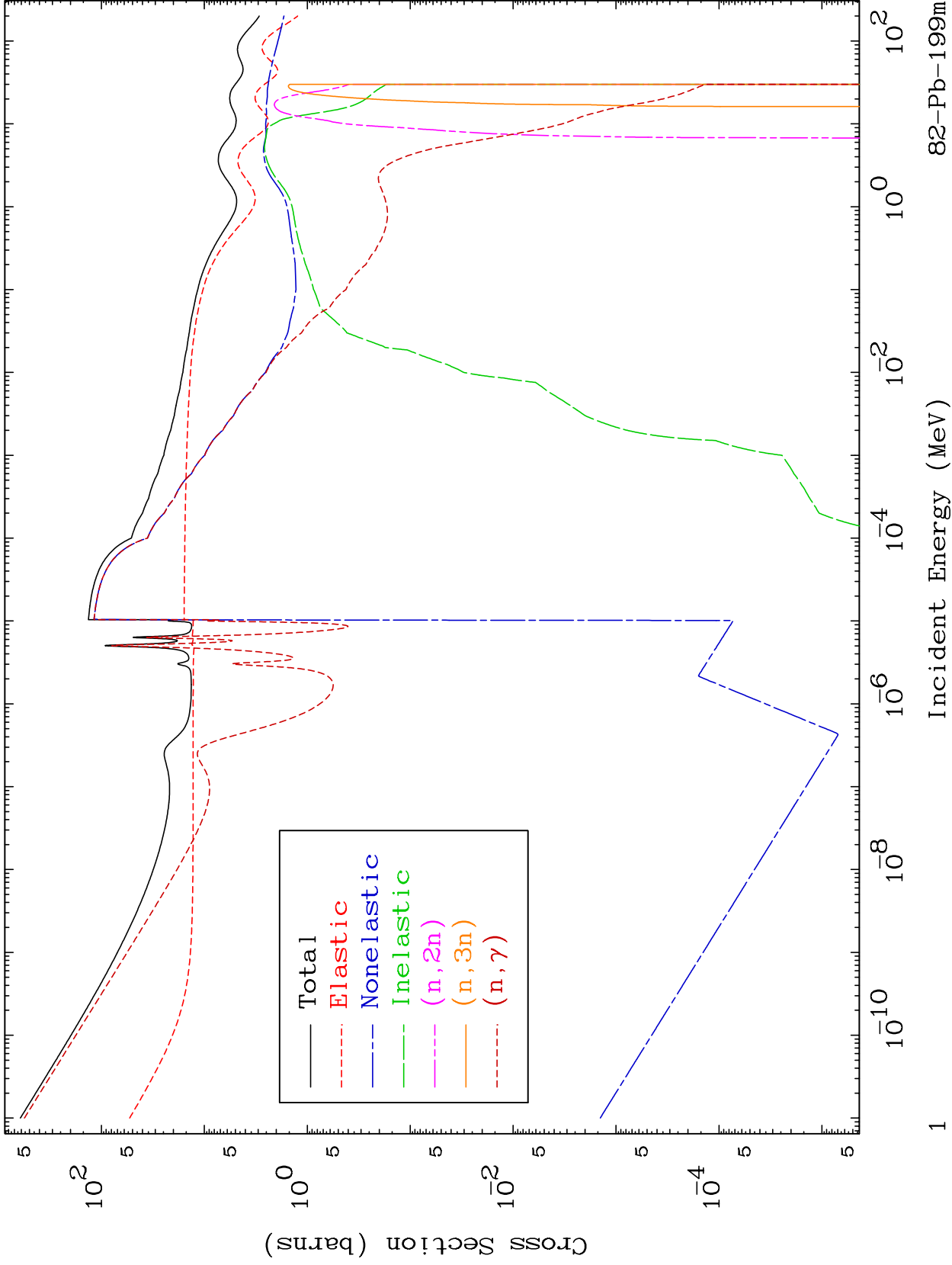
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8211

Neutron Major
293 Kelvin Cross Sections

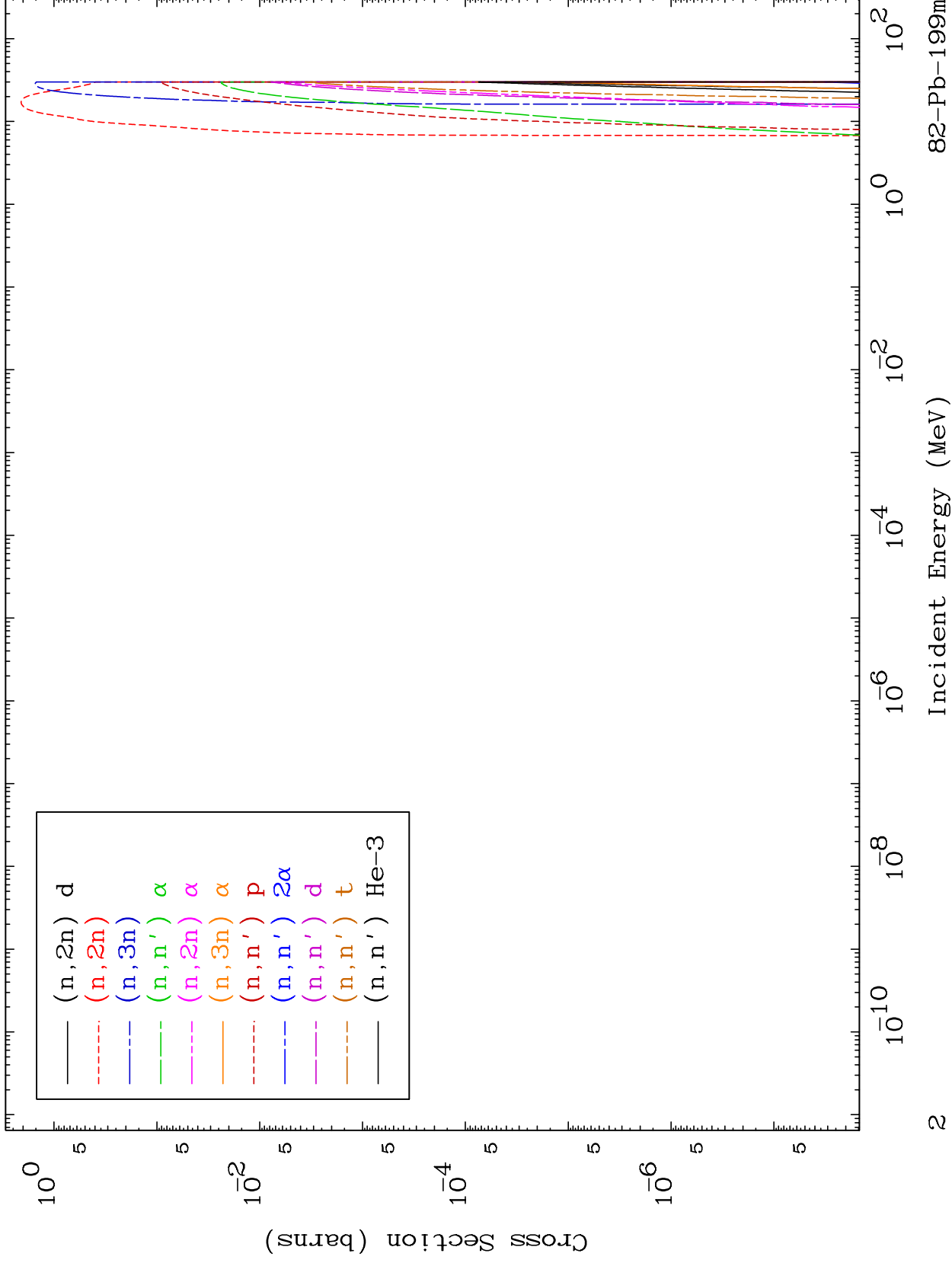
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

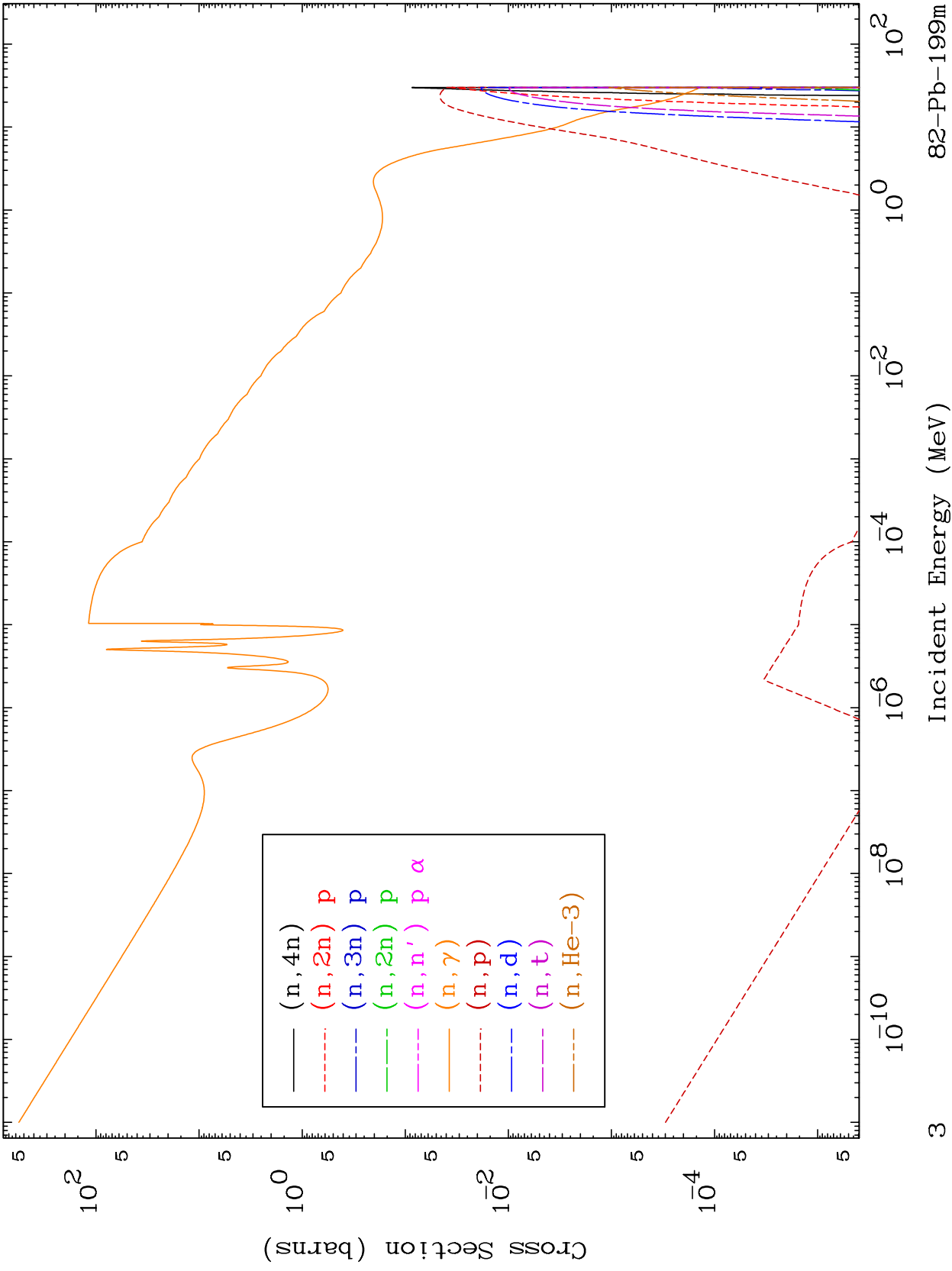
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

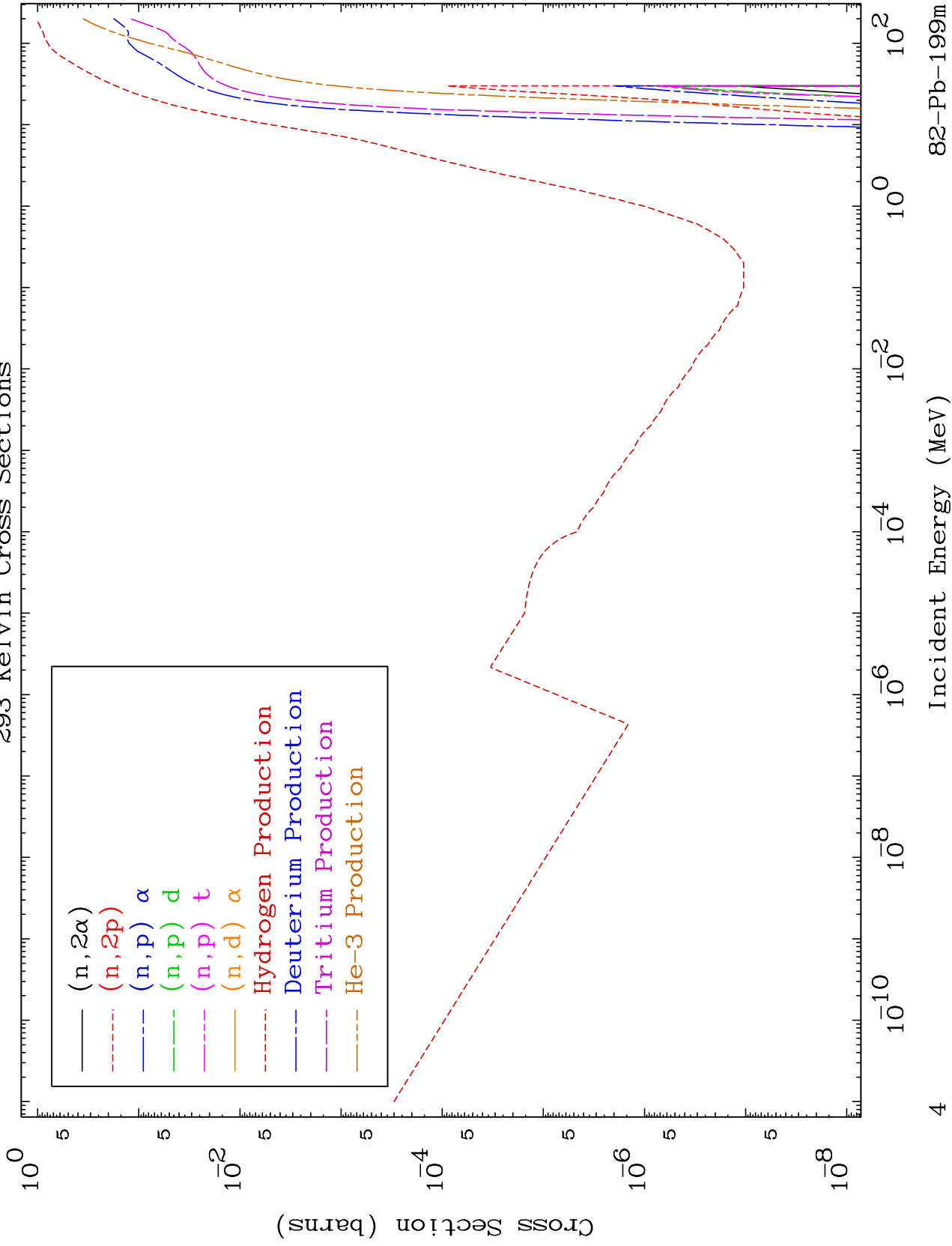
82-Pb-199m



MAT 8211

Neutron Absorption
293 Kelvin Cross Sections

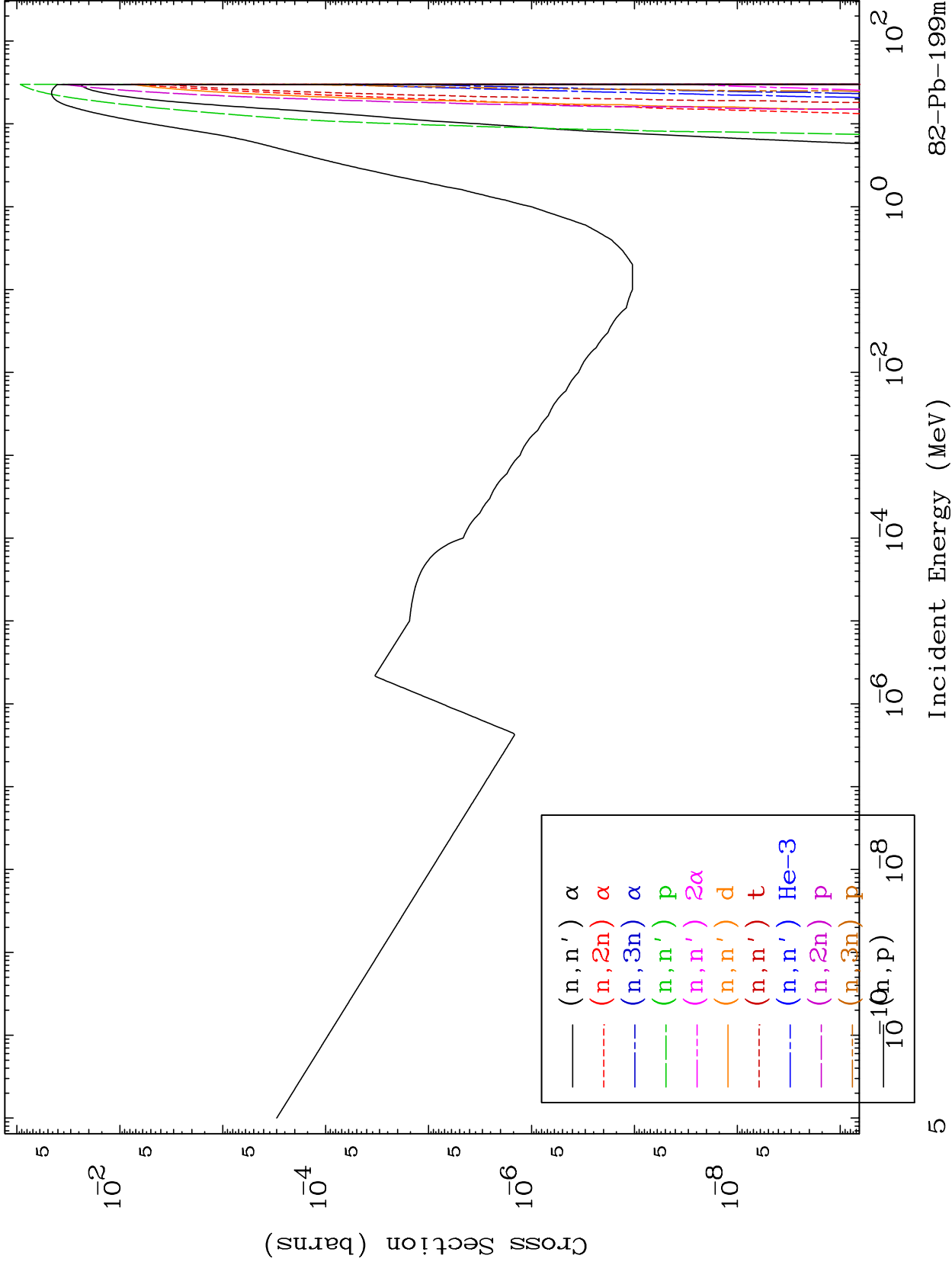
82-Pb-199m



MAT 8211

Charged Particle
293 Kelvin Cross Sections

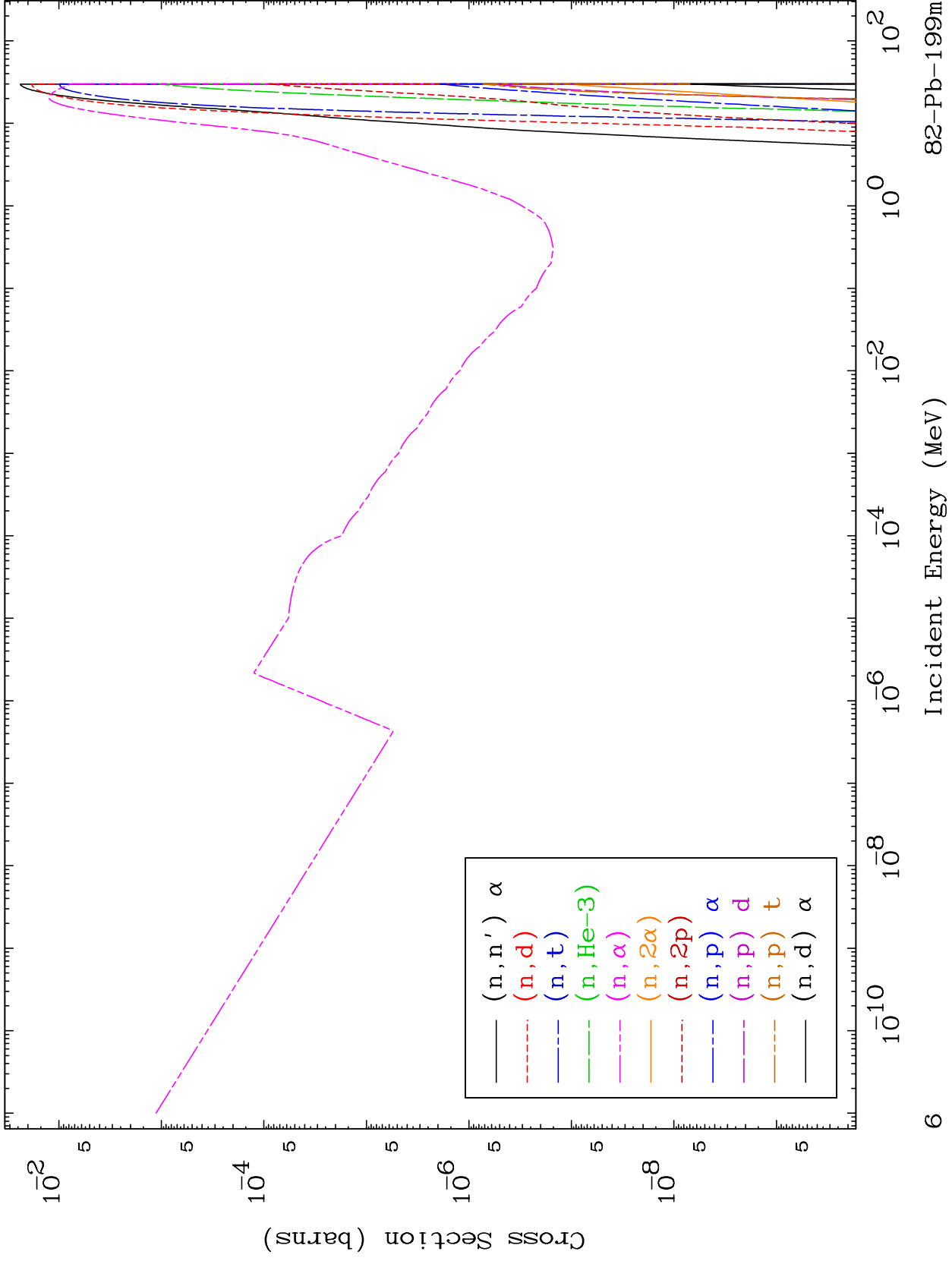
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MAT 8211

Charged Particle
293 Kelvin Cross Sections

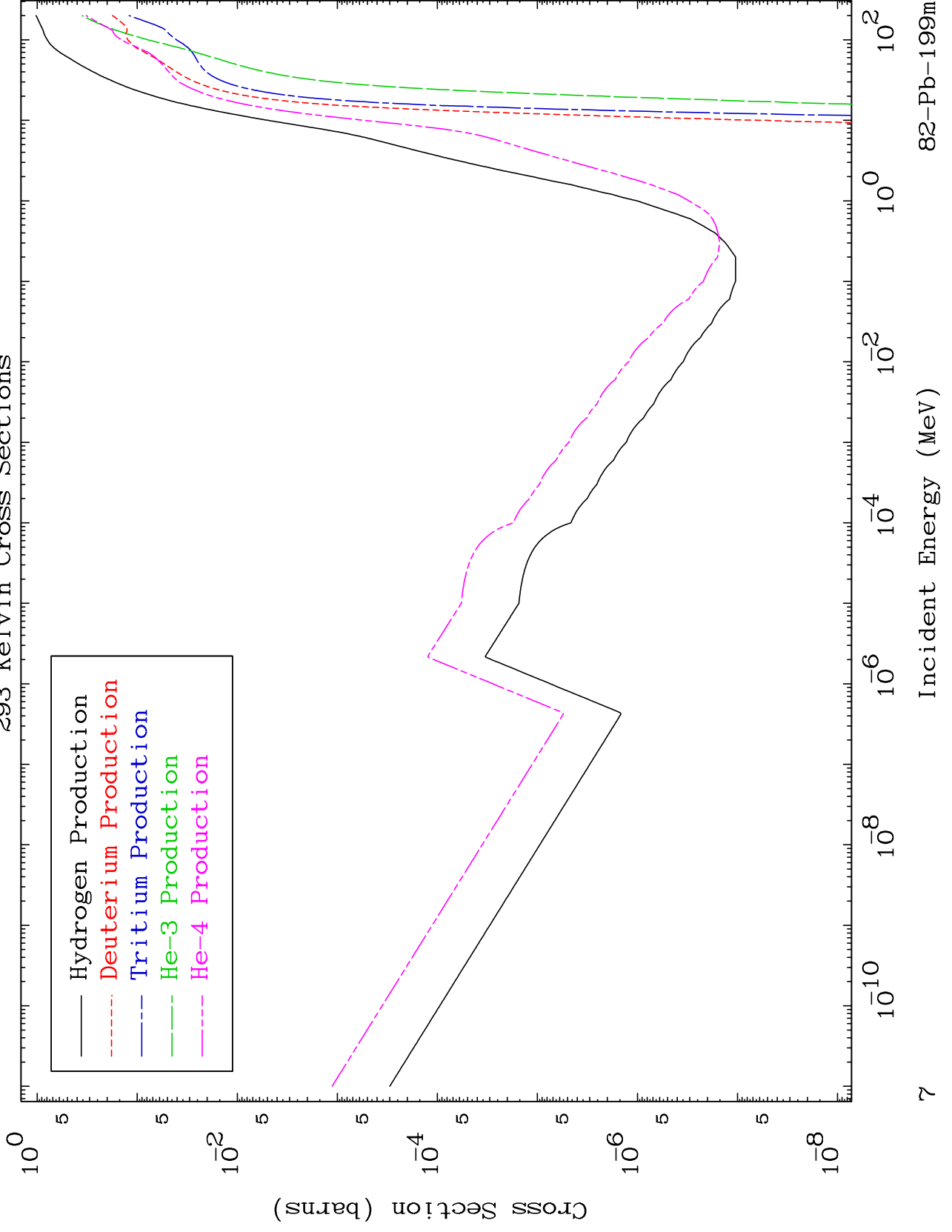
82-Pb-199m



MAT 8211

Particle Production
293 Kelvin Cross Sections

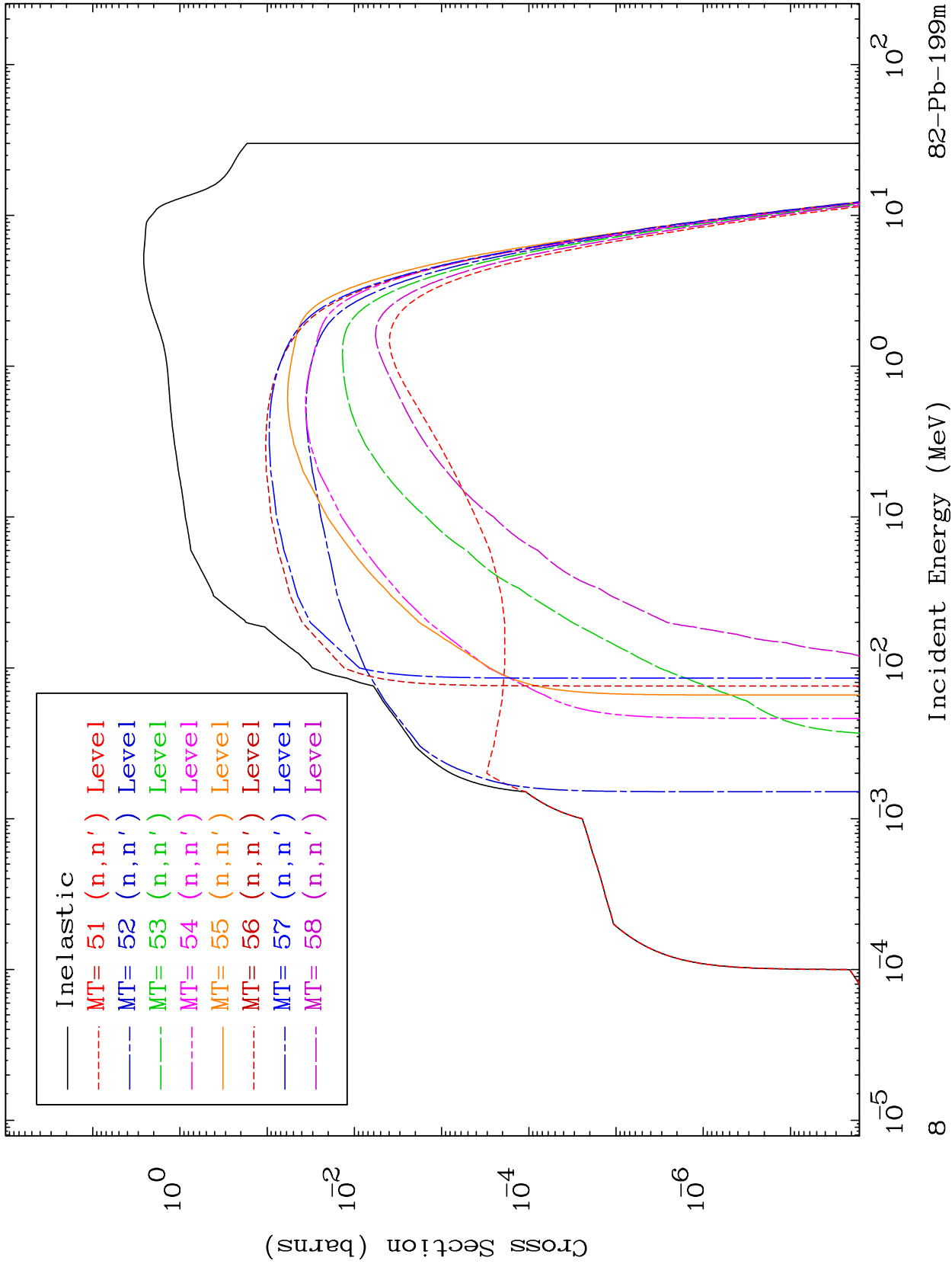
82-Pb-199m



MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

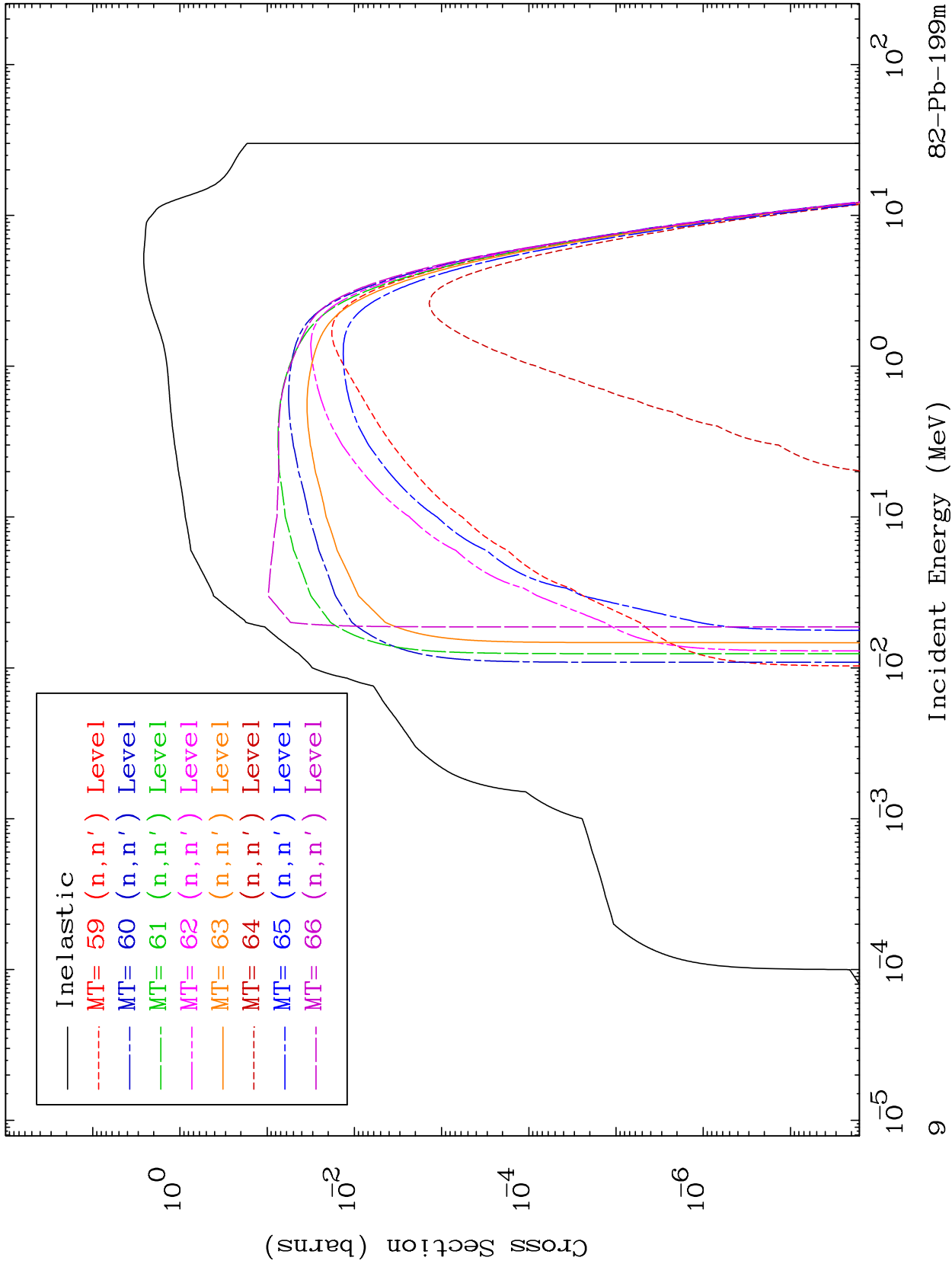
82-Pb-199m



MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

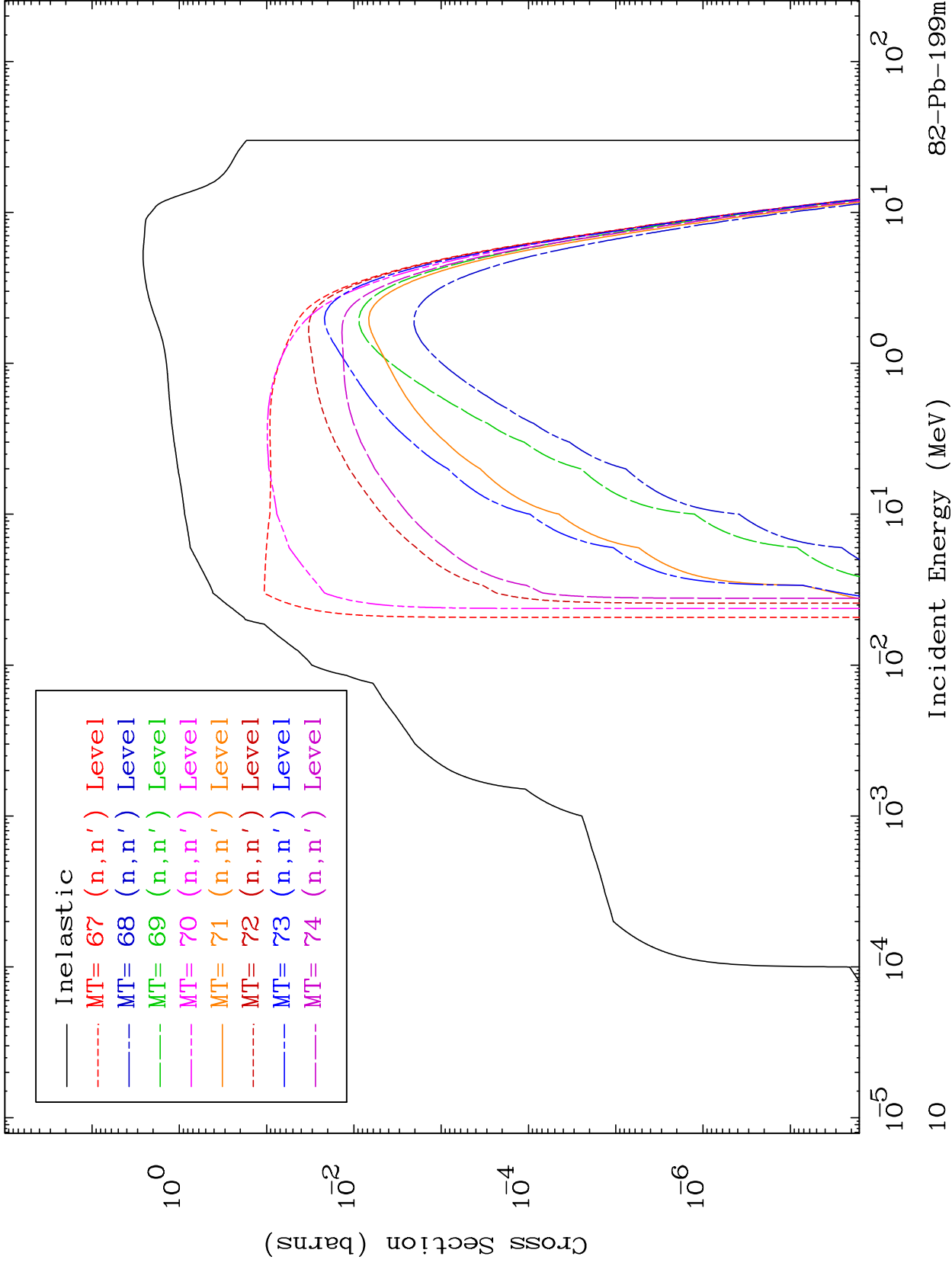
82-Pb-199m



MAT 8211

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-199m

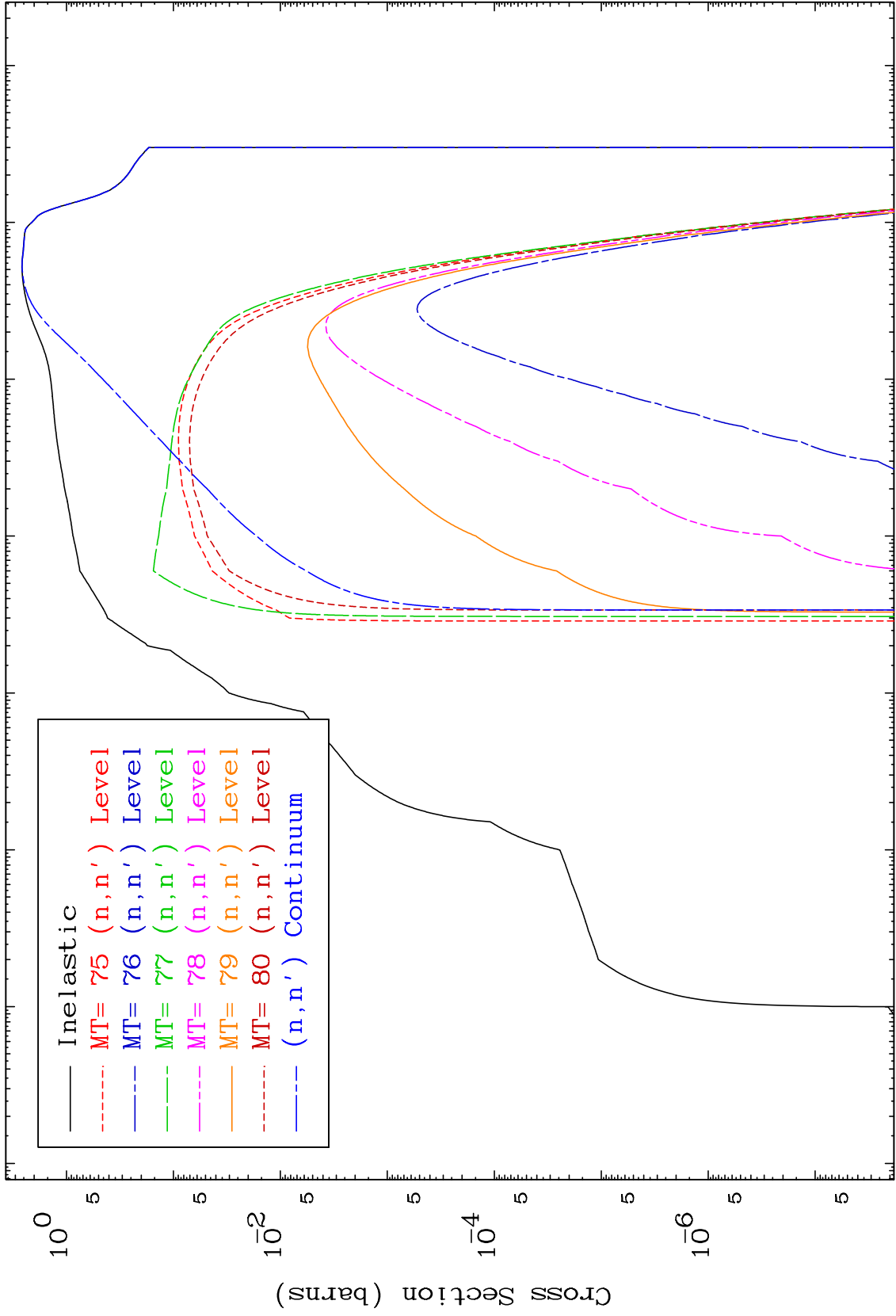


MAT 8211

(n,n') Levels

82-Pb-199m

293 Kelvin Cross Sections



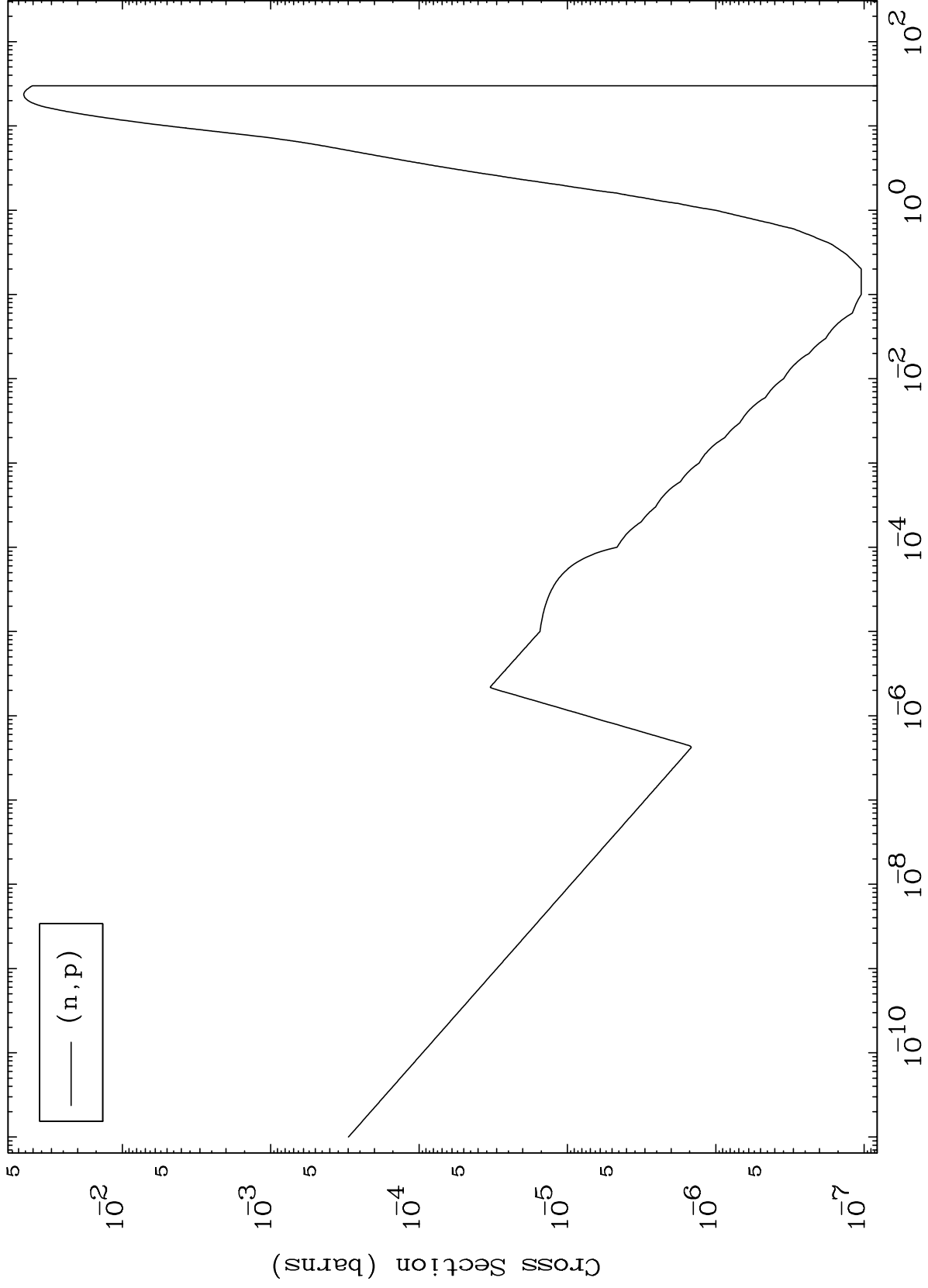
82-Pb-199m

Incident Energy (MeV)

MAT 8211

(n,p) Levels
293 Kelvin Cross Sections

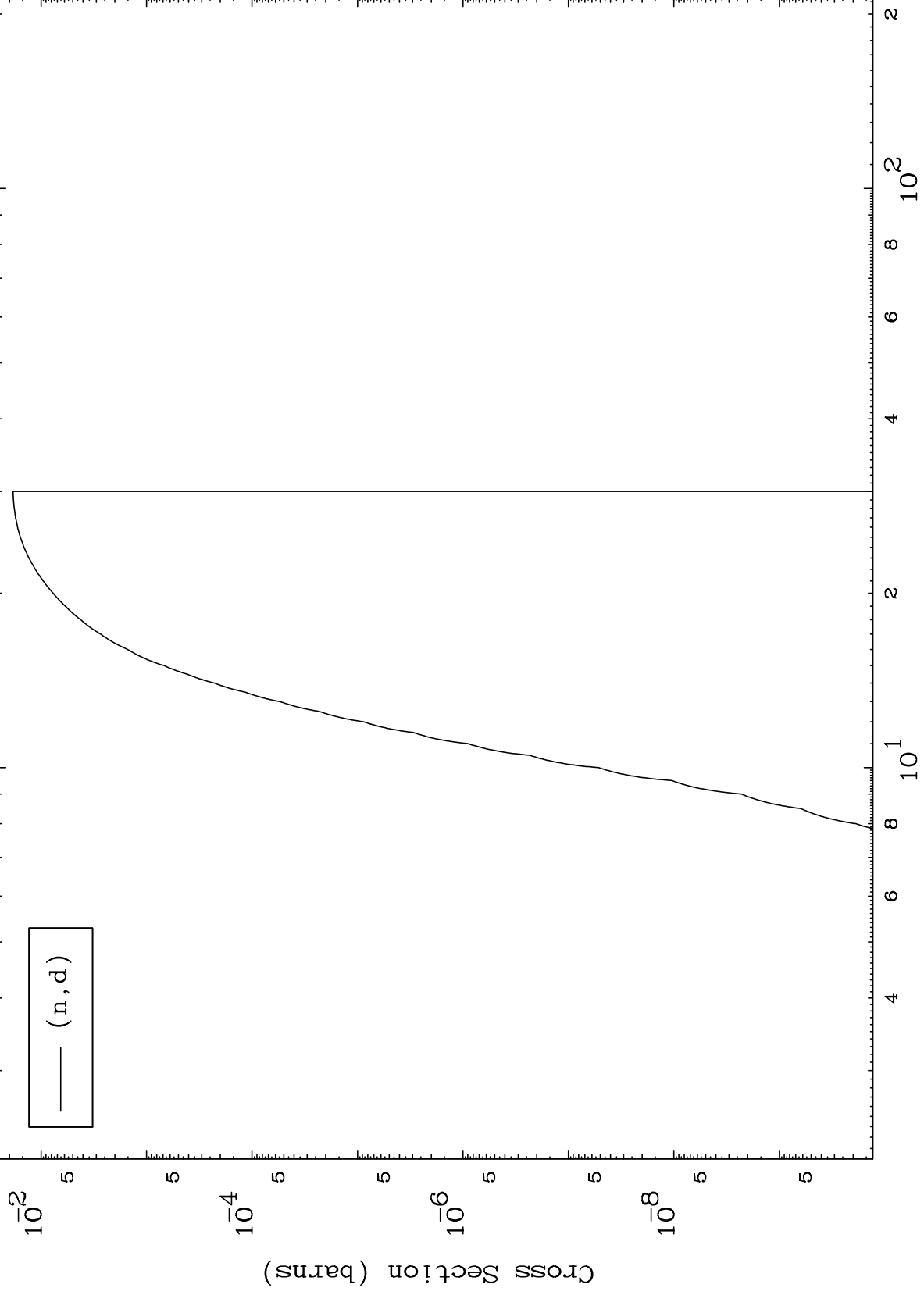
82-Pb-199m



MAT 8211

(n,d) Levels
293 Kelvin Cross Sections

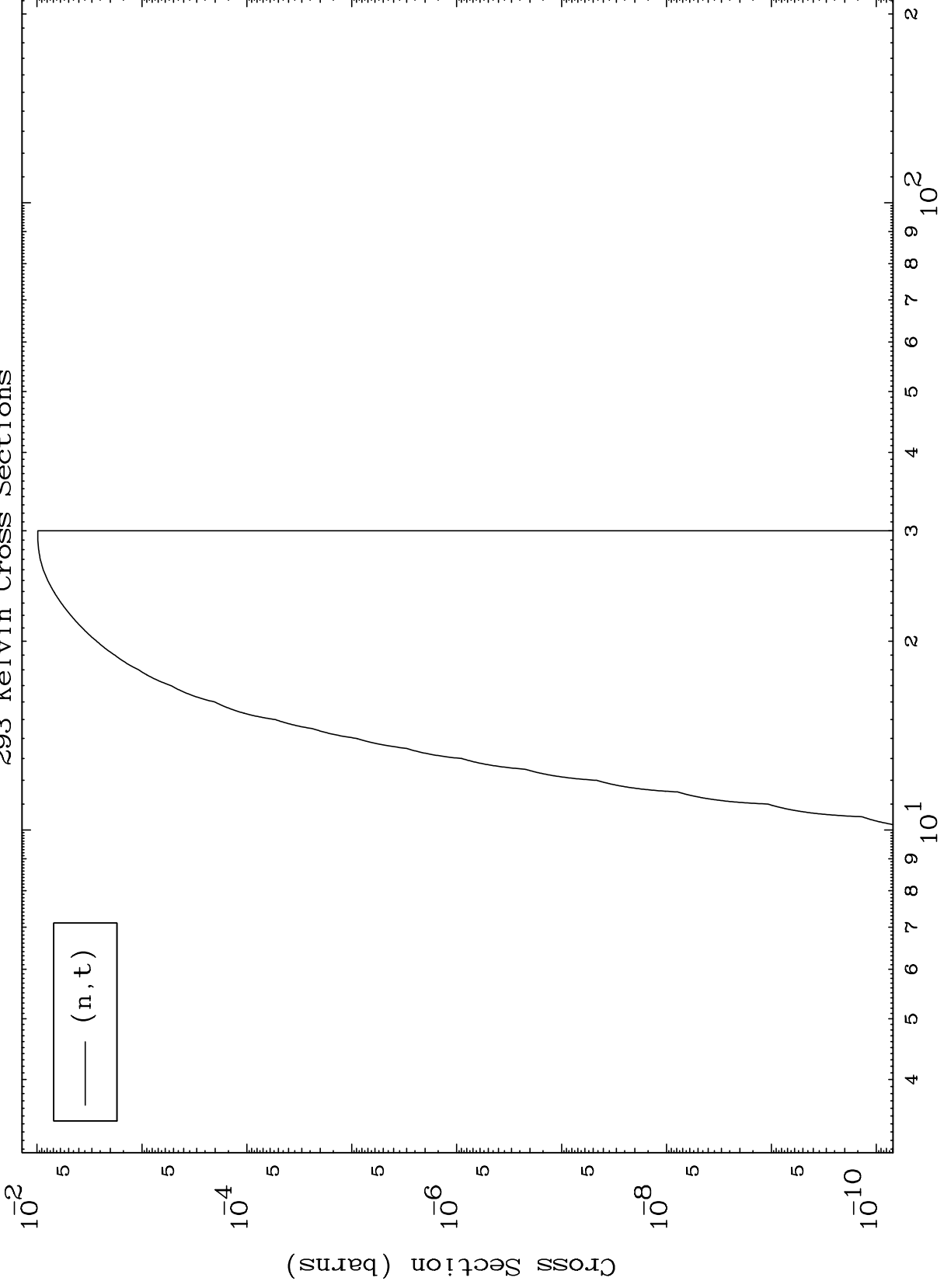
82-Pb-199m



MAT 8211

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-199m



14

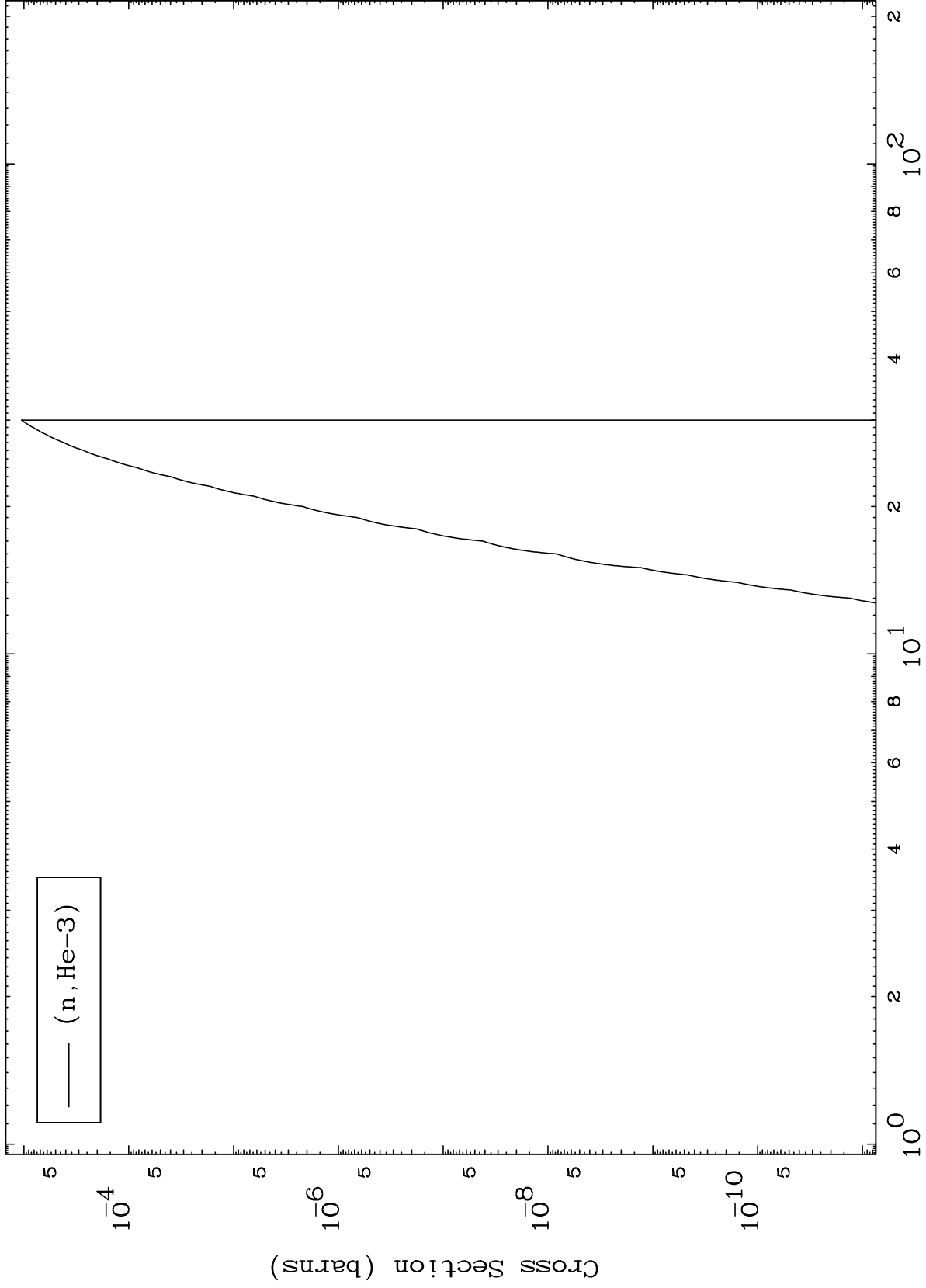
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-199m



15

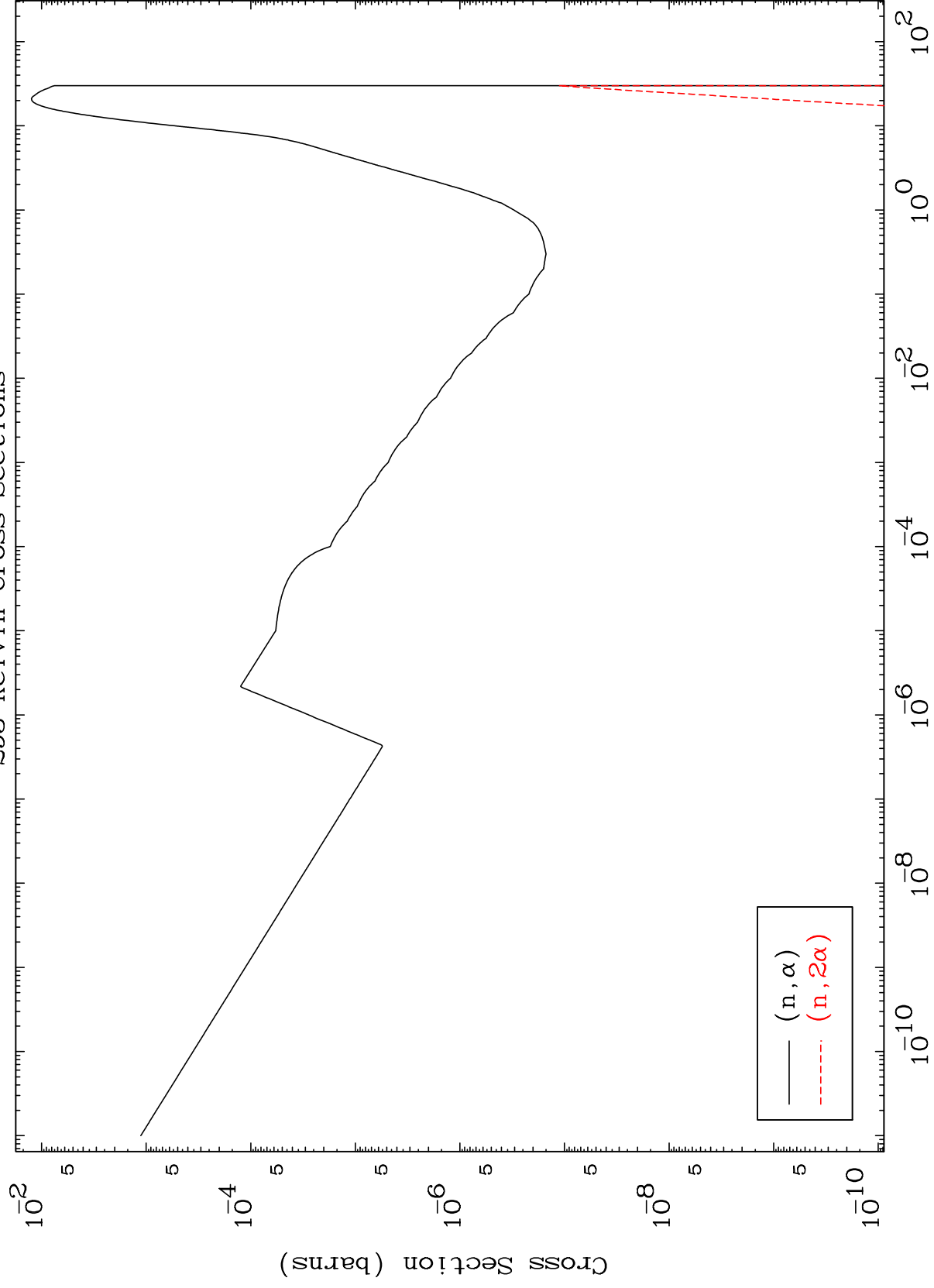
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(n, α) Levels
293 Kelvin Cross Sections

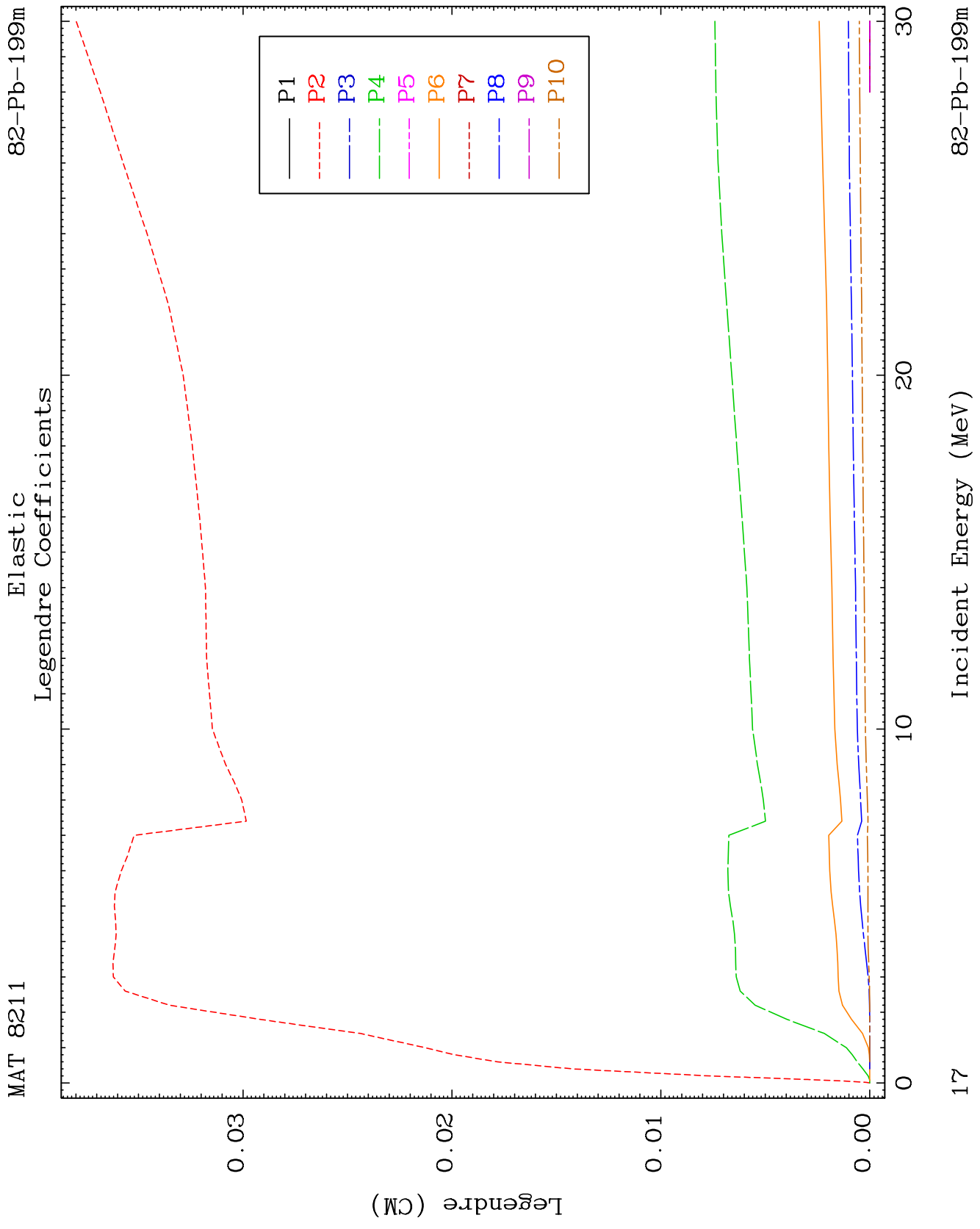
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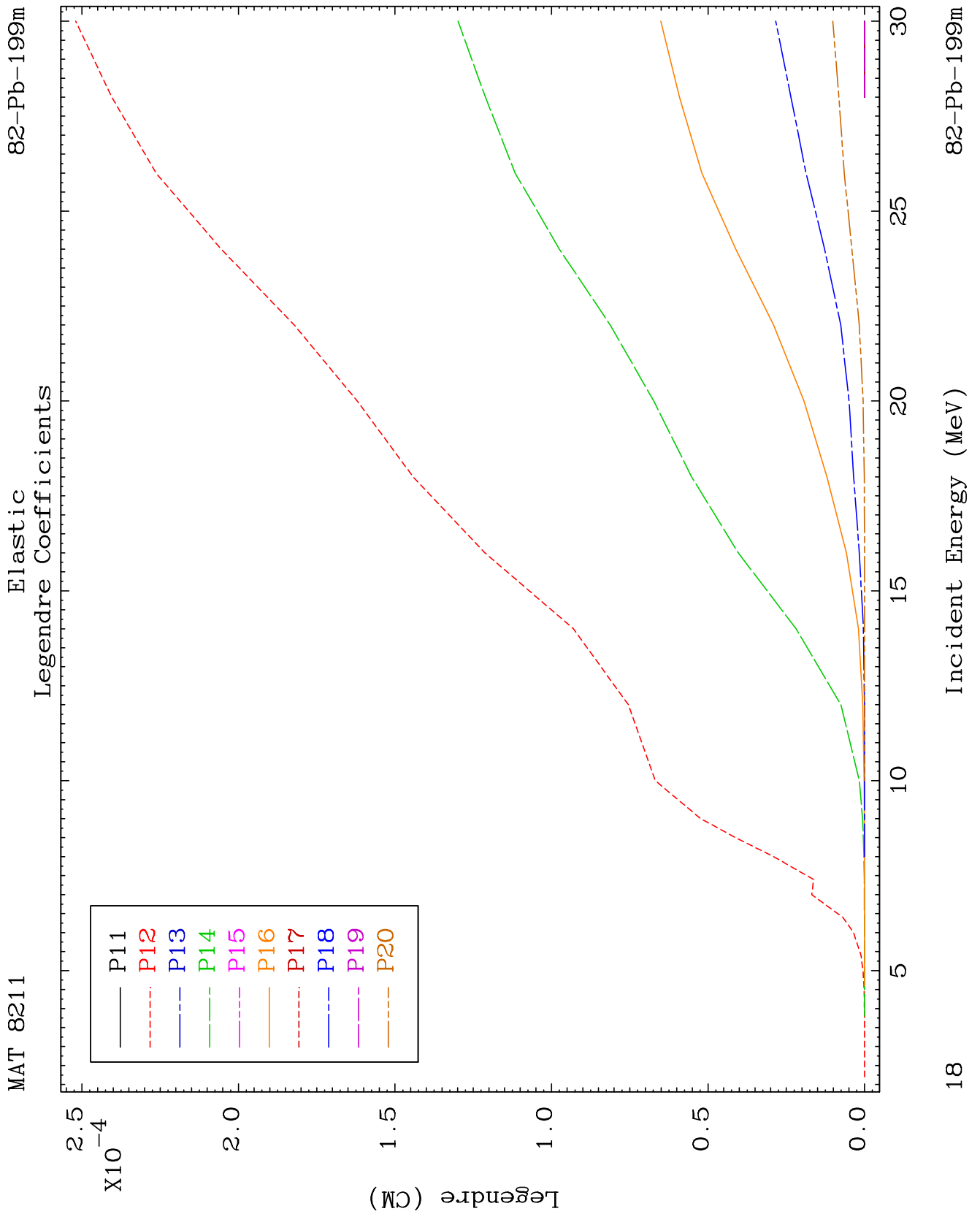


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Incident Energy (MeV)

82-Pb-199m

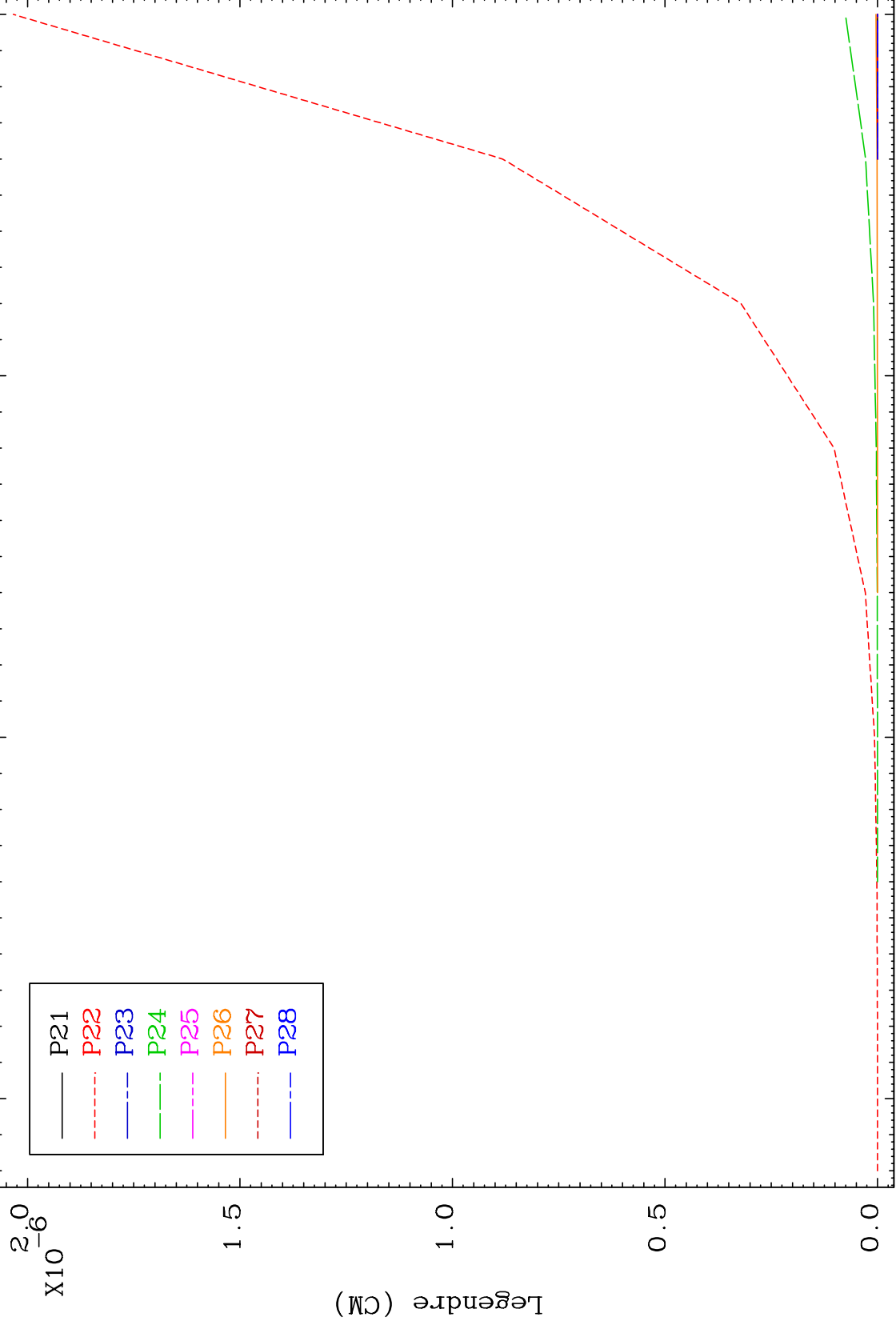




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Elastic
Legendre Coefficients

82-Pb-199m



19

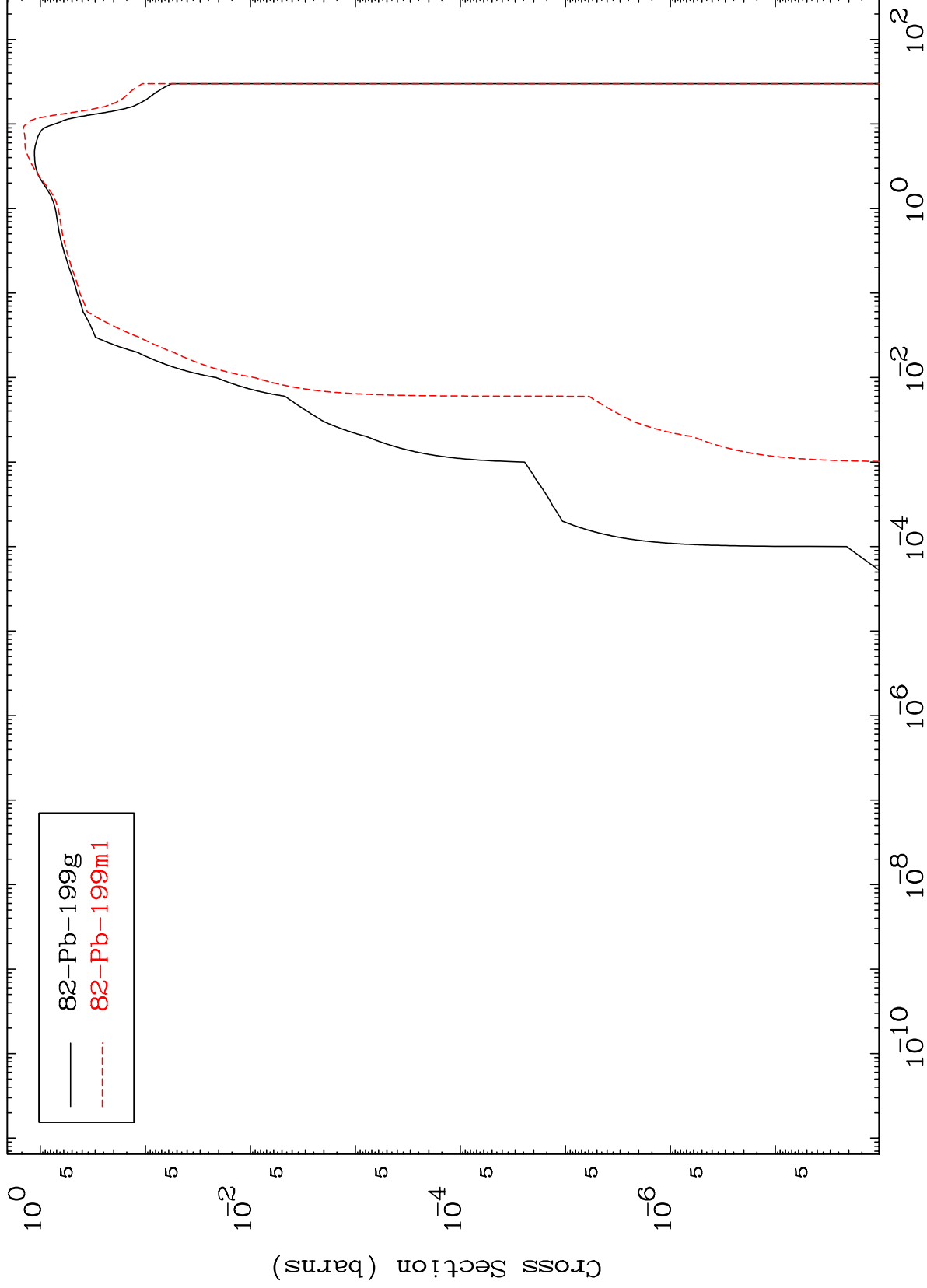
Incident Energy (MeV)

82-Pb-199m

MAT 8211

Inelastic
Radionuclide Production Cross Section

82-Pb-199m



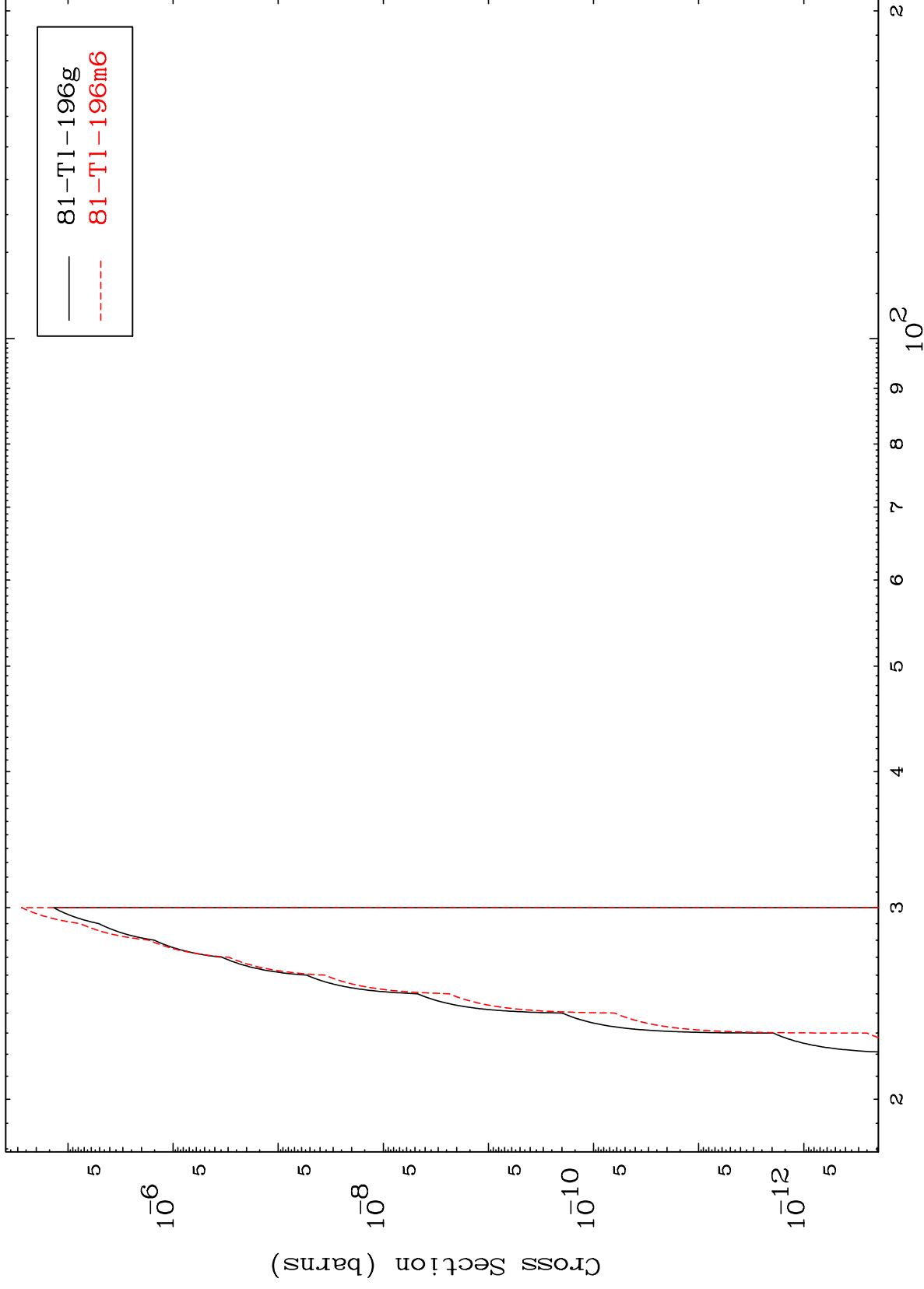
82-Pb-199g
82-Pb-199m1

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(n,2n) d

82-Pb-199m

Radionuclide Production Cross Section



21

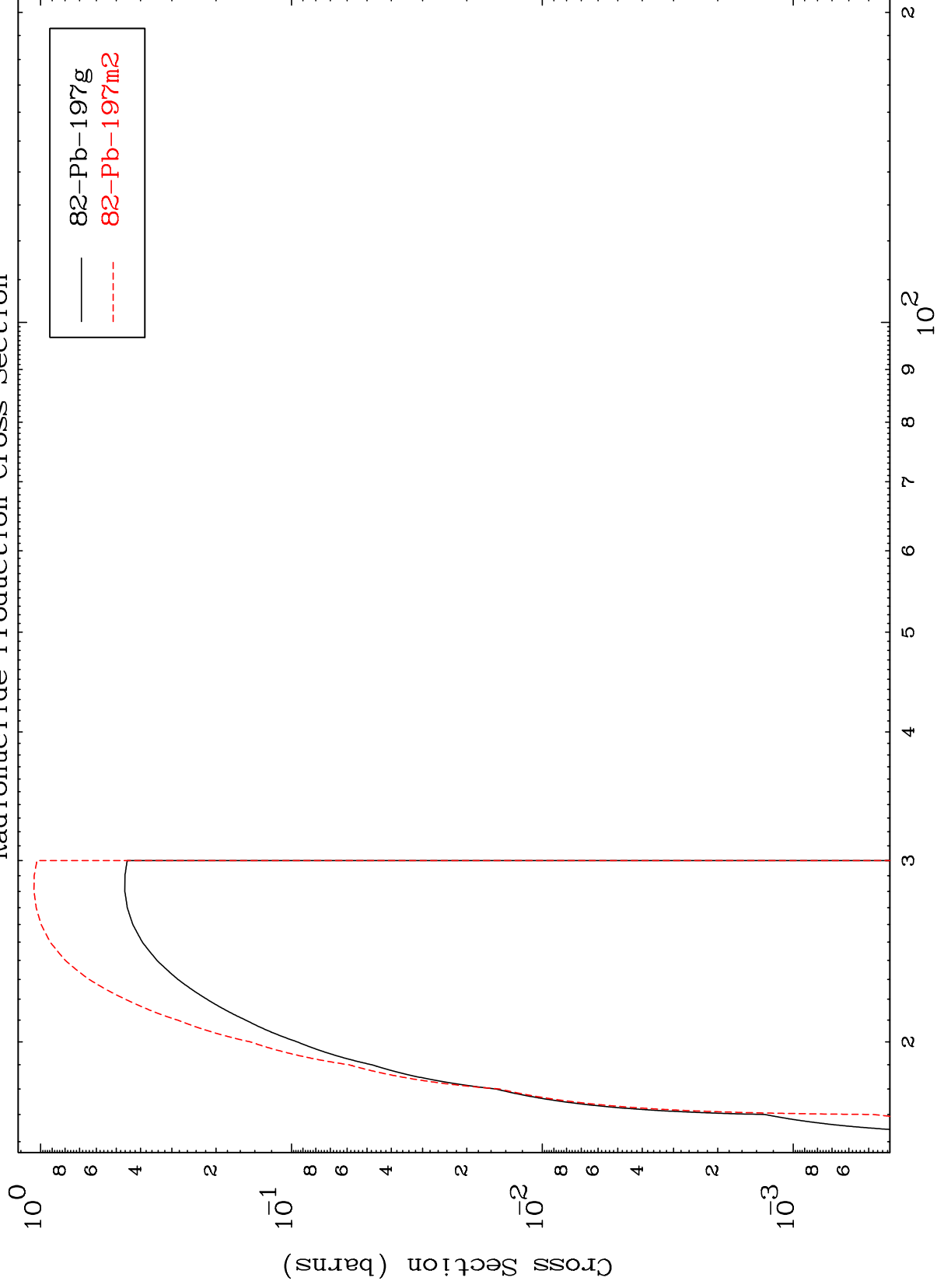
Incident Energy (MeV)

82-Pb-199m

MAT 8211

82-Pb-199m

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

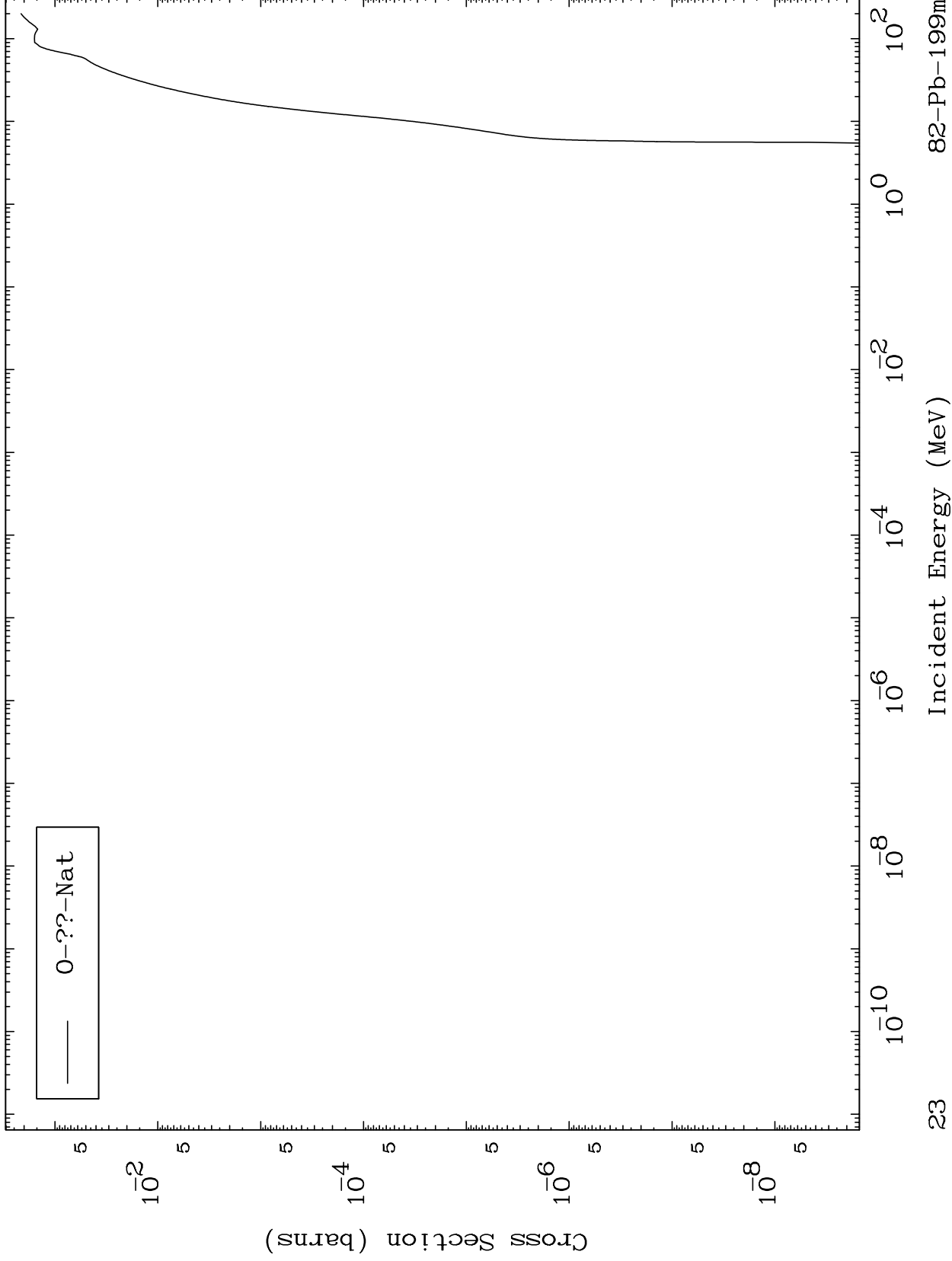
82-Pb-199m

MAT 8211

Fission

⁸²Pb-199m

Radionuclide Production Cross Section

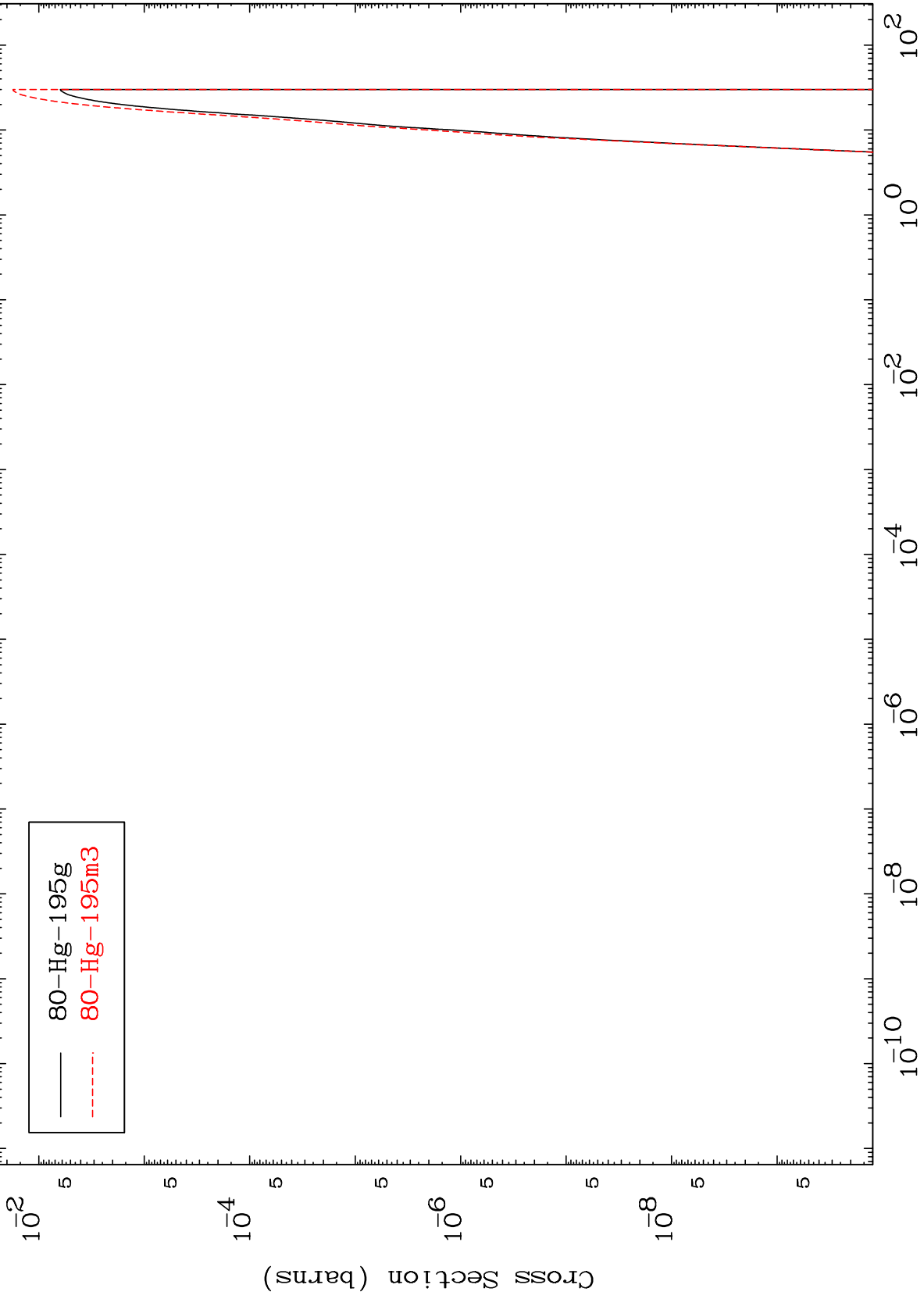


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$(n, n') \alpha$

82-Pb-199m

Radionuclide Production Cross Section

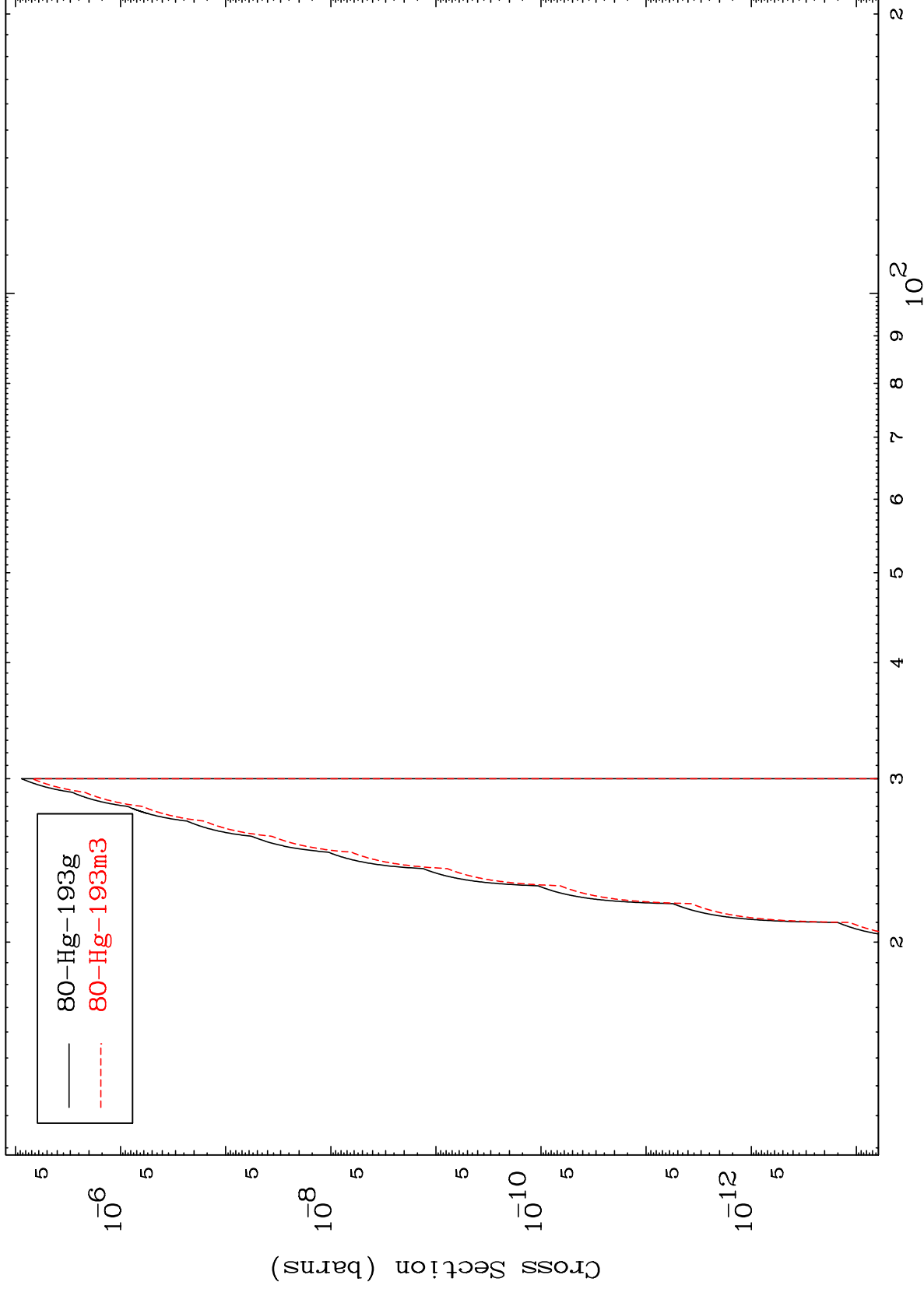


MAT 8211

(n,3n) α

82-Pb-199m

Radionuclide Production Cross Section

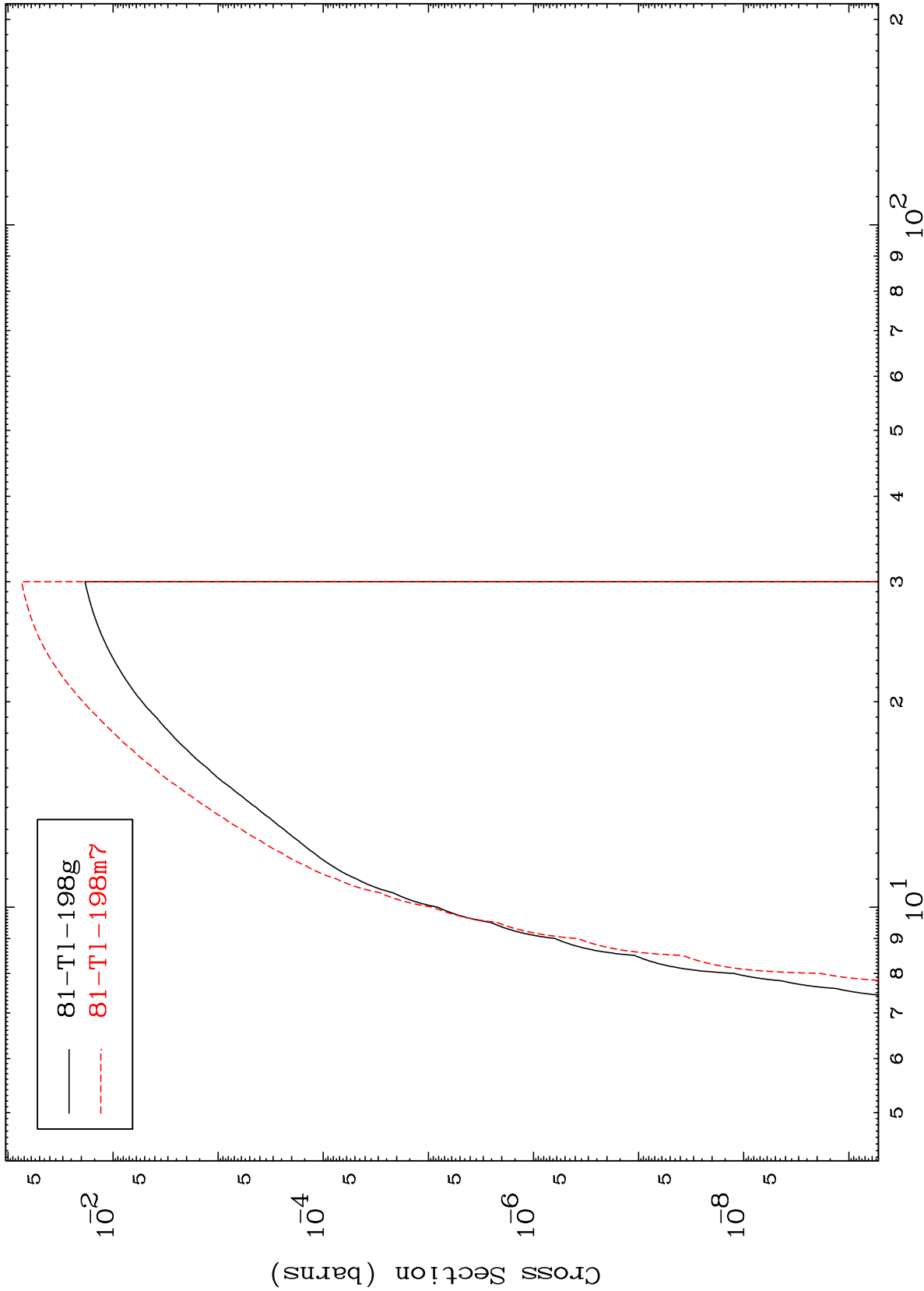


MAT 8211

(n,n') p

82-Pb-199m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-199m

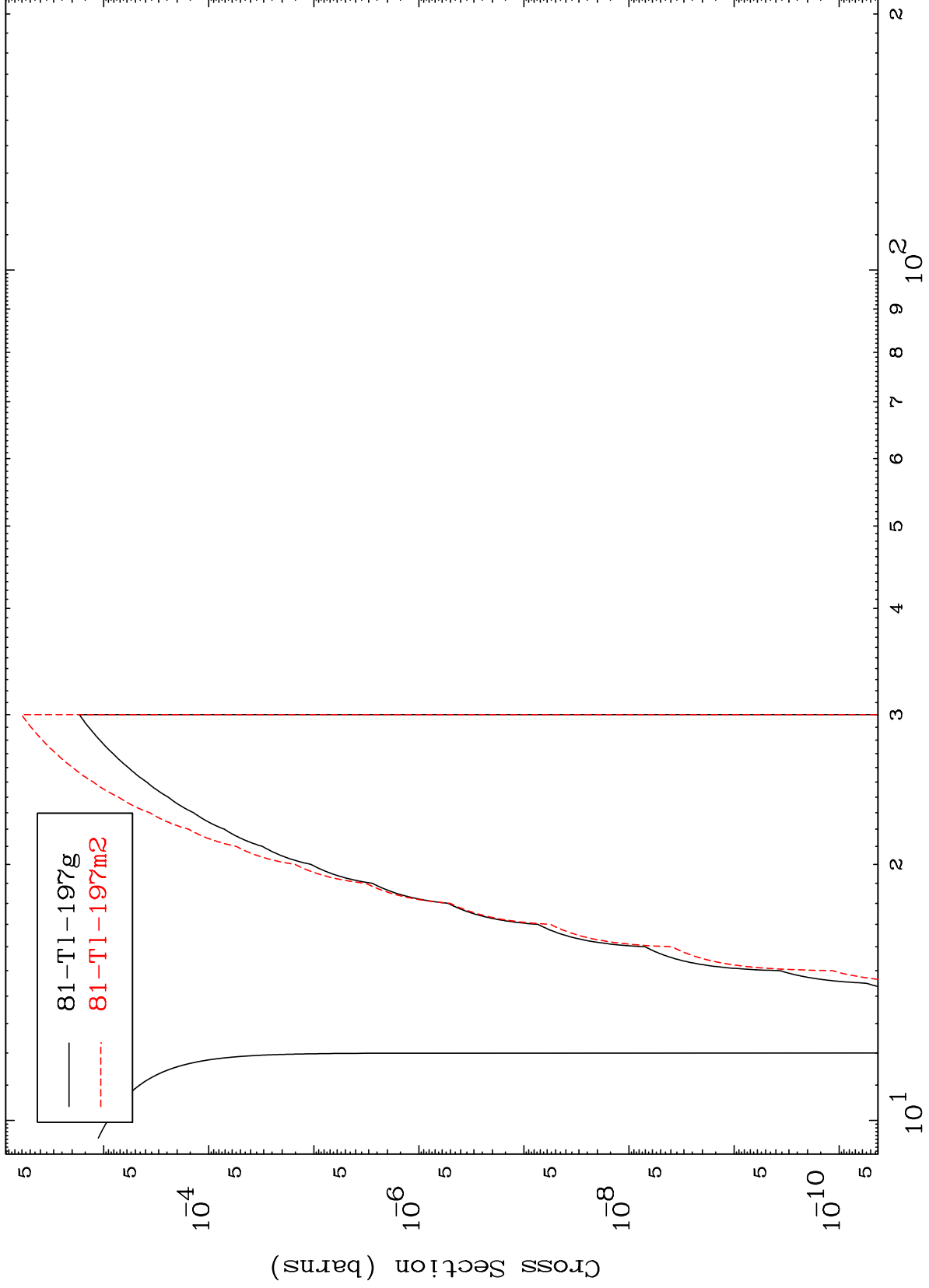
26

MAT 8211

(n,n') d

82-Pb-199m

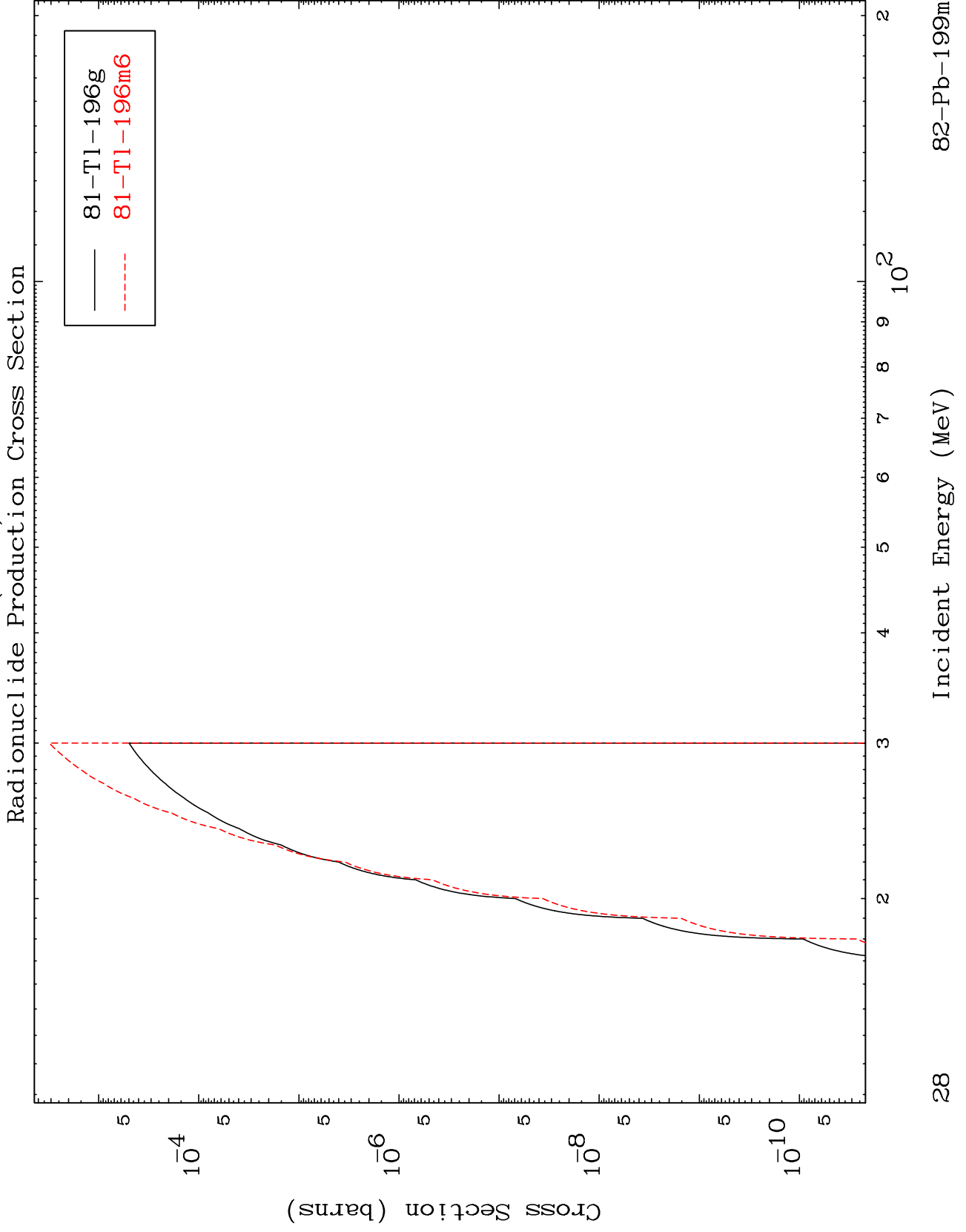
Radionuclide Production Cross Section



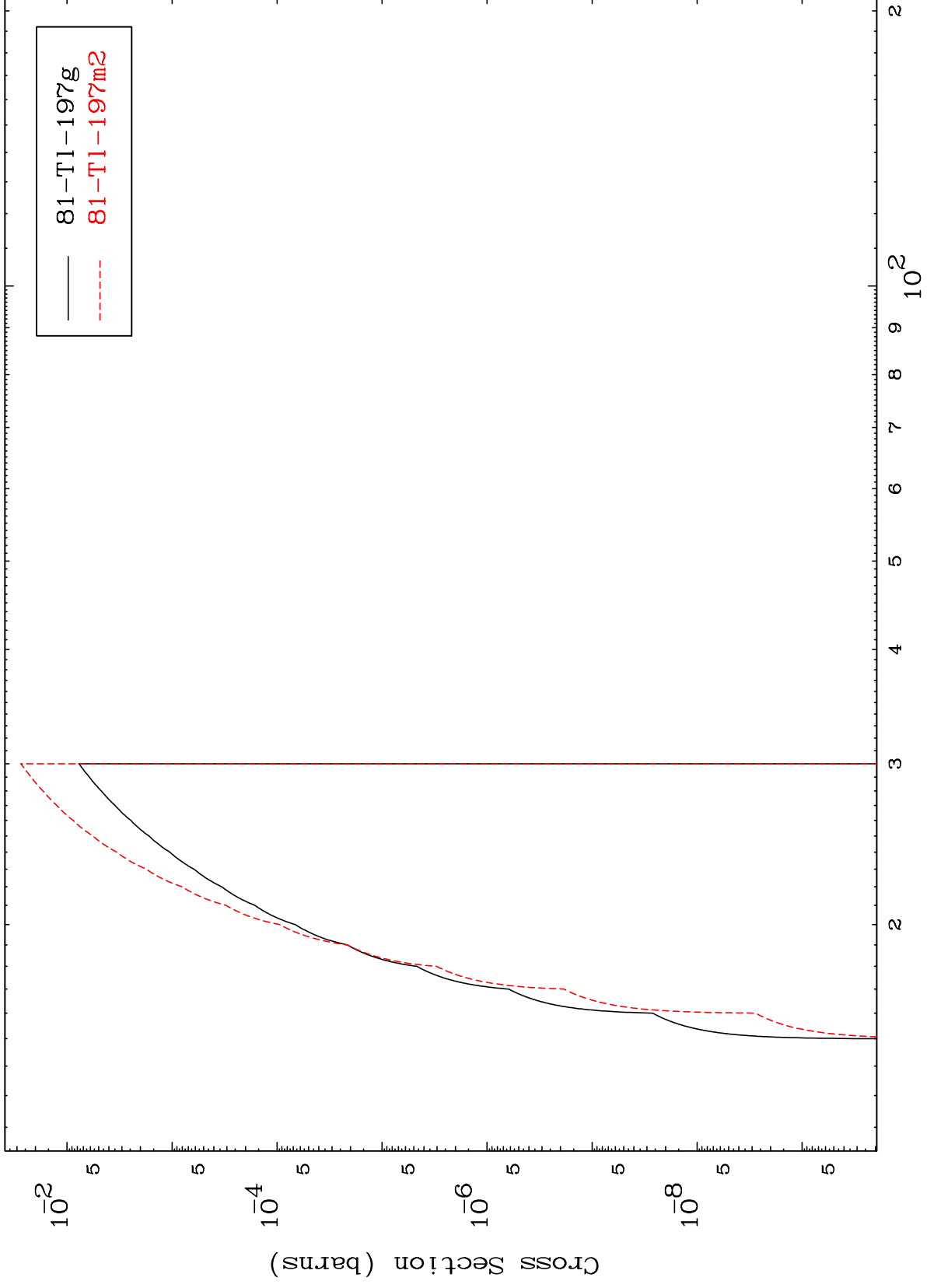
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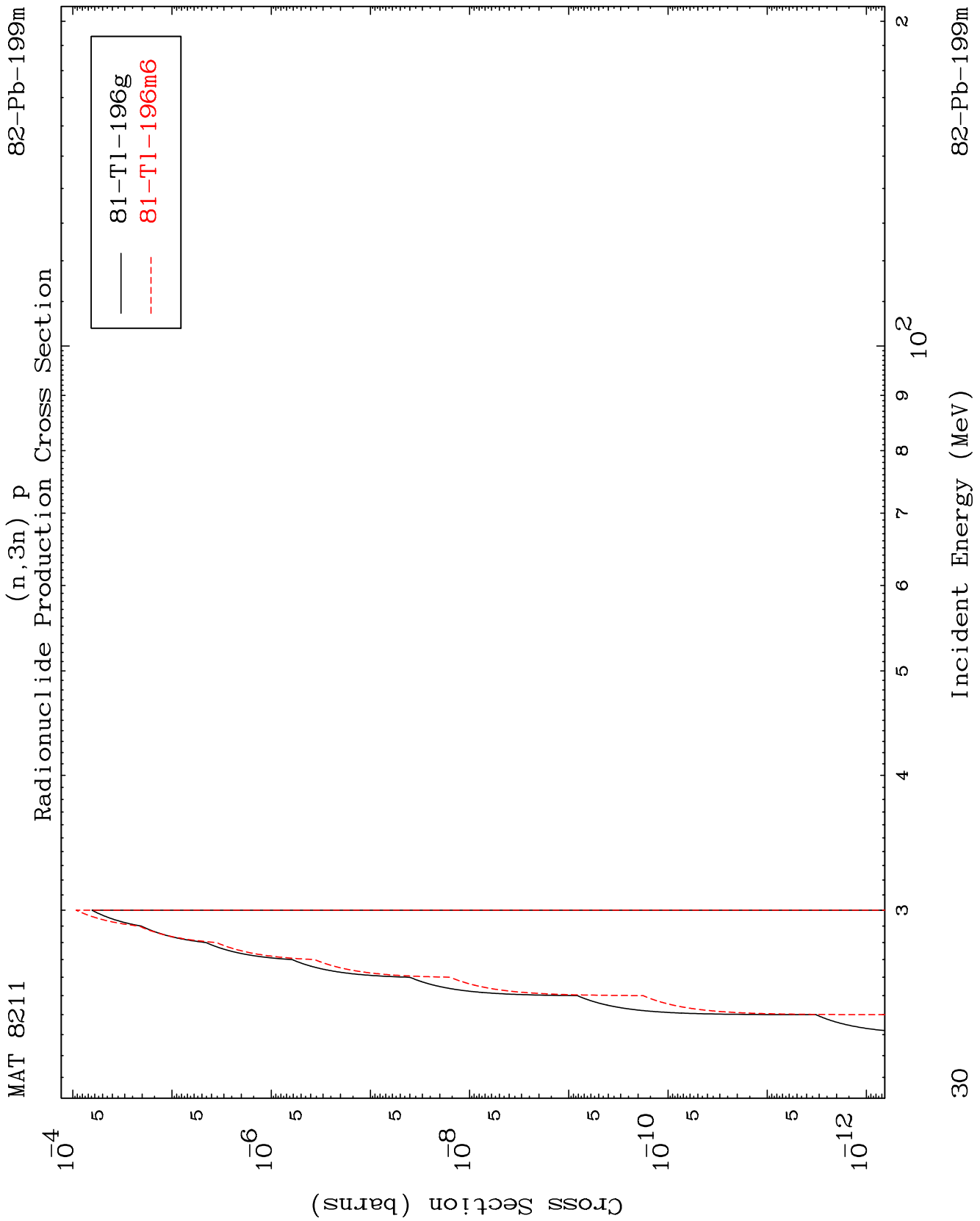
Incident Energy (MeV)

82-Pb-199m



Radionuclide Production Cross Section



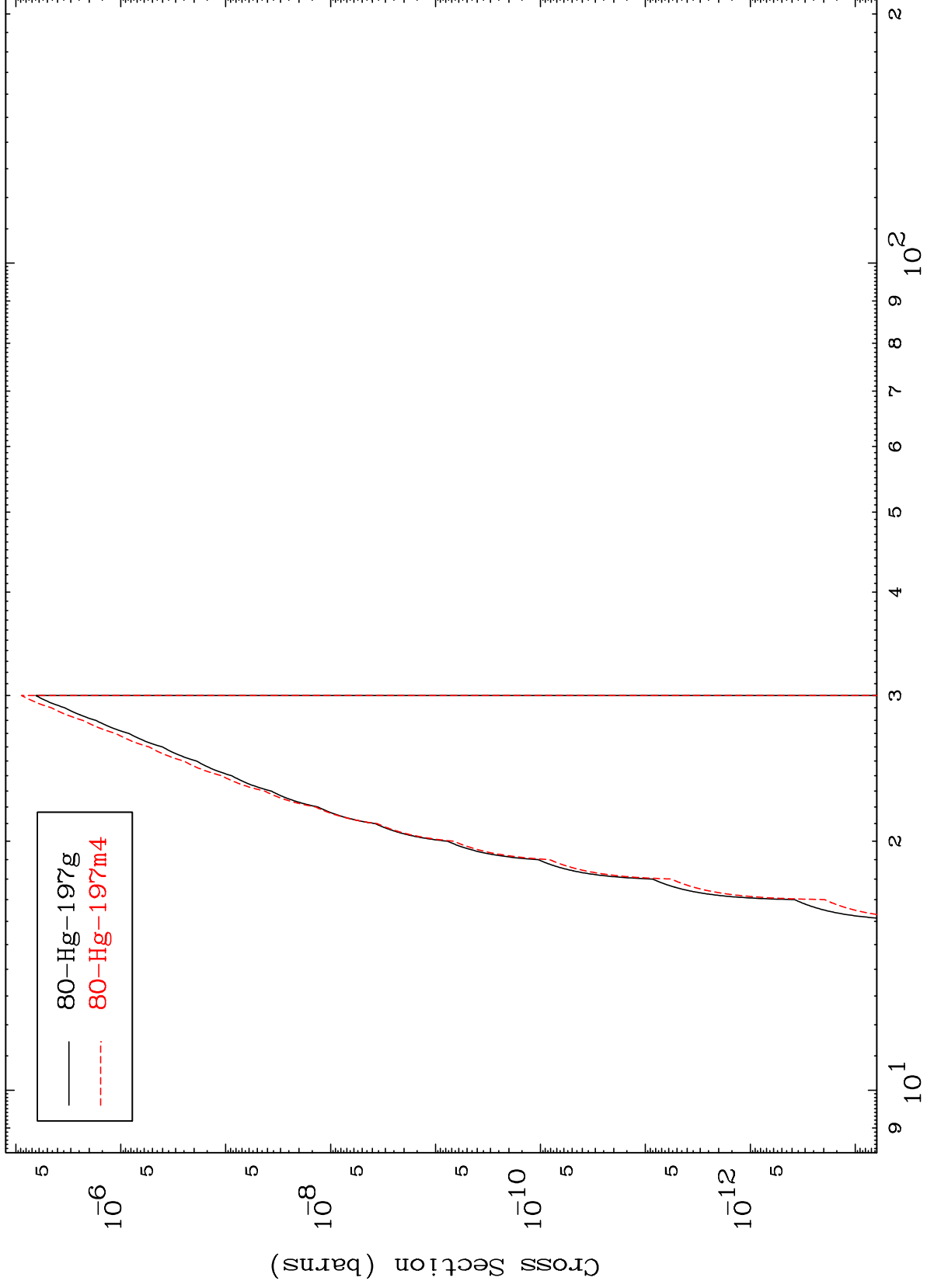


MAT 8211

(n,2n) p

82-Pb-199m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

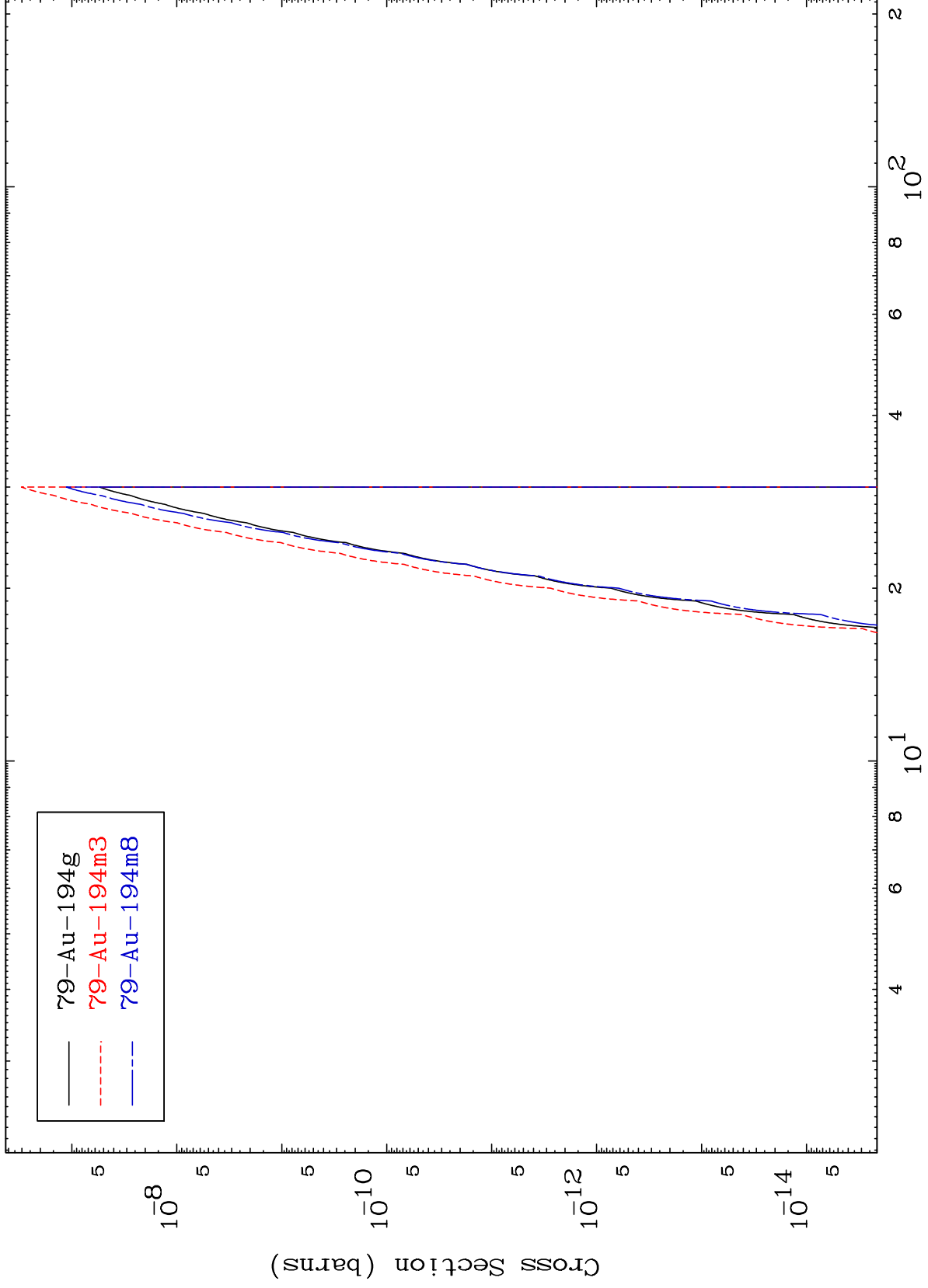
82-Pb-199m

MAT 8211

(n,n') p α

82-Pb-199m

Radionuclide Production Cross Section



32

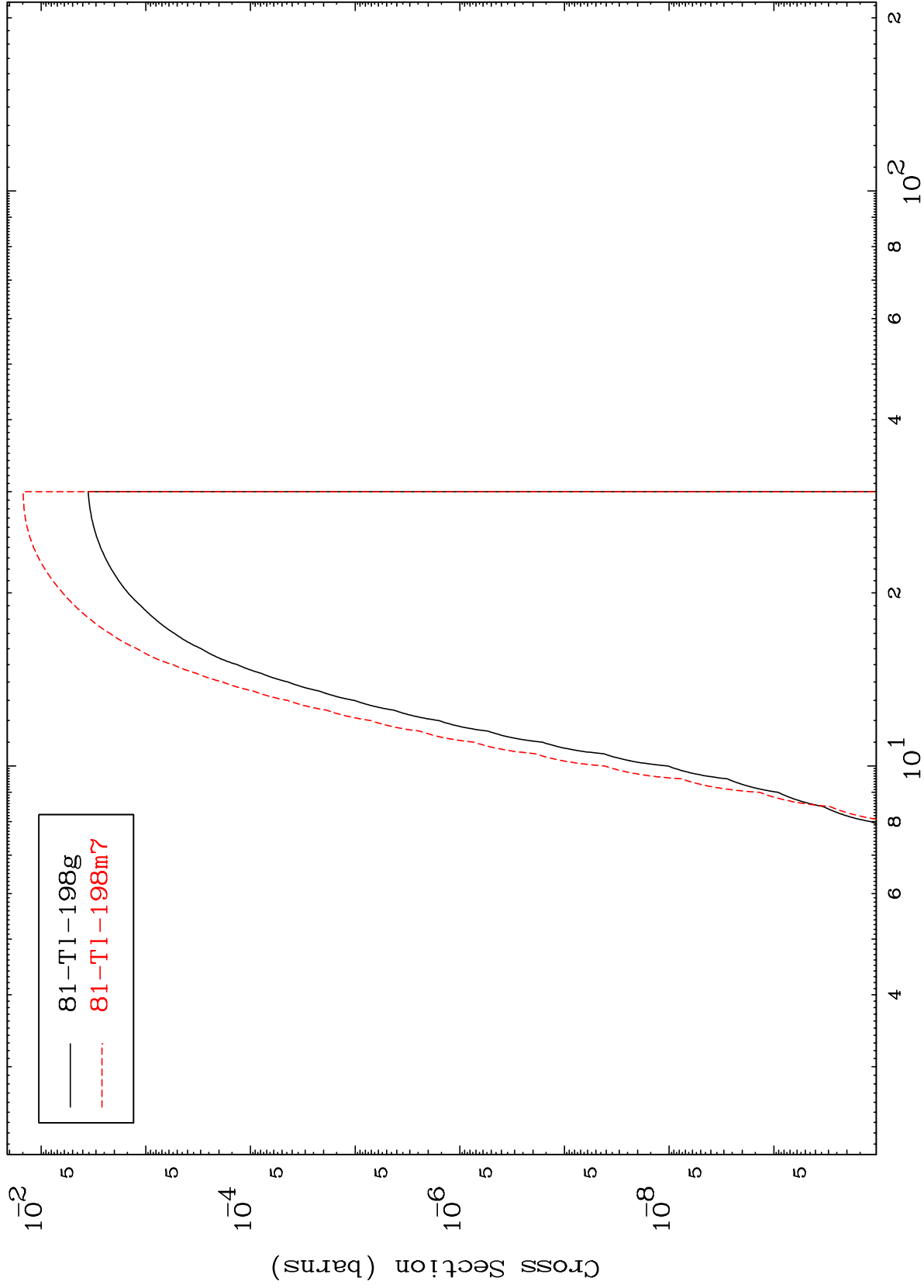
Incident Energy (MeV)

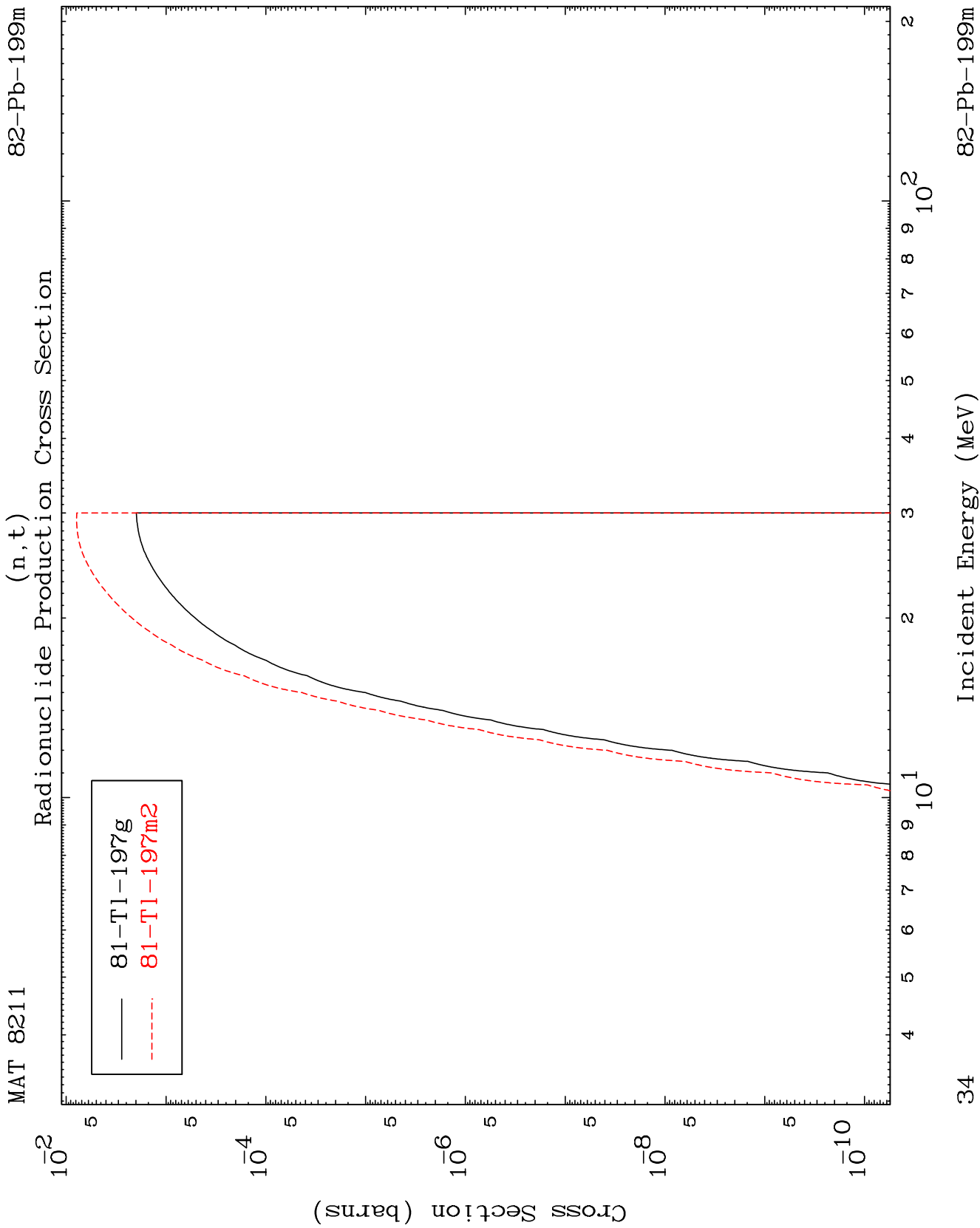
82-Pb-199m

MAT 8211

82-Pb-199m

(n,d)
Radionuclide Production Cross Section



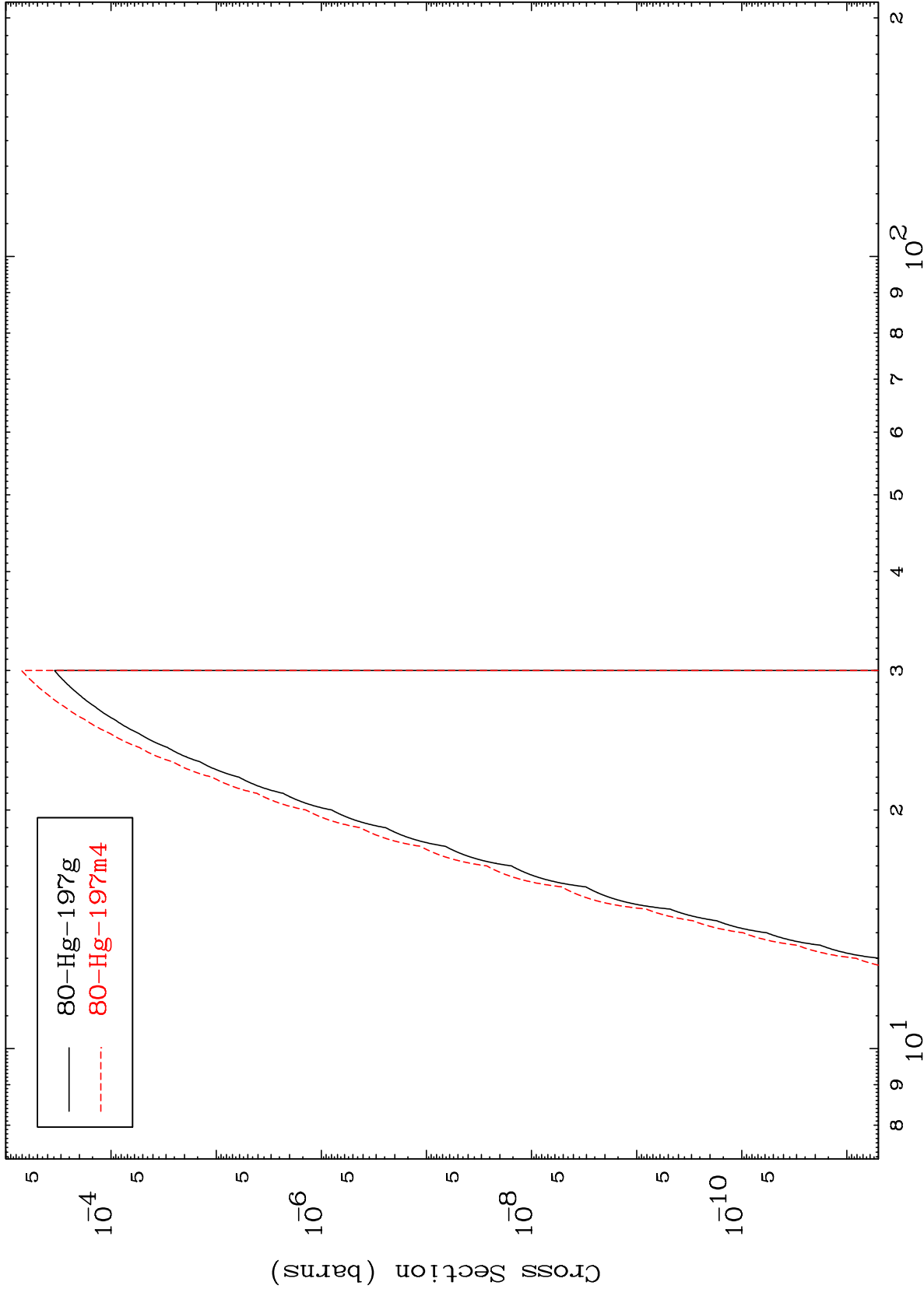


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(n,He-3)

82-Pb-199m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

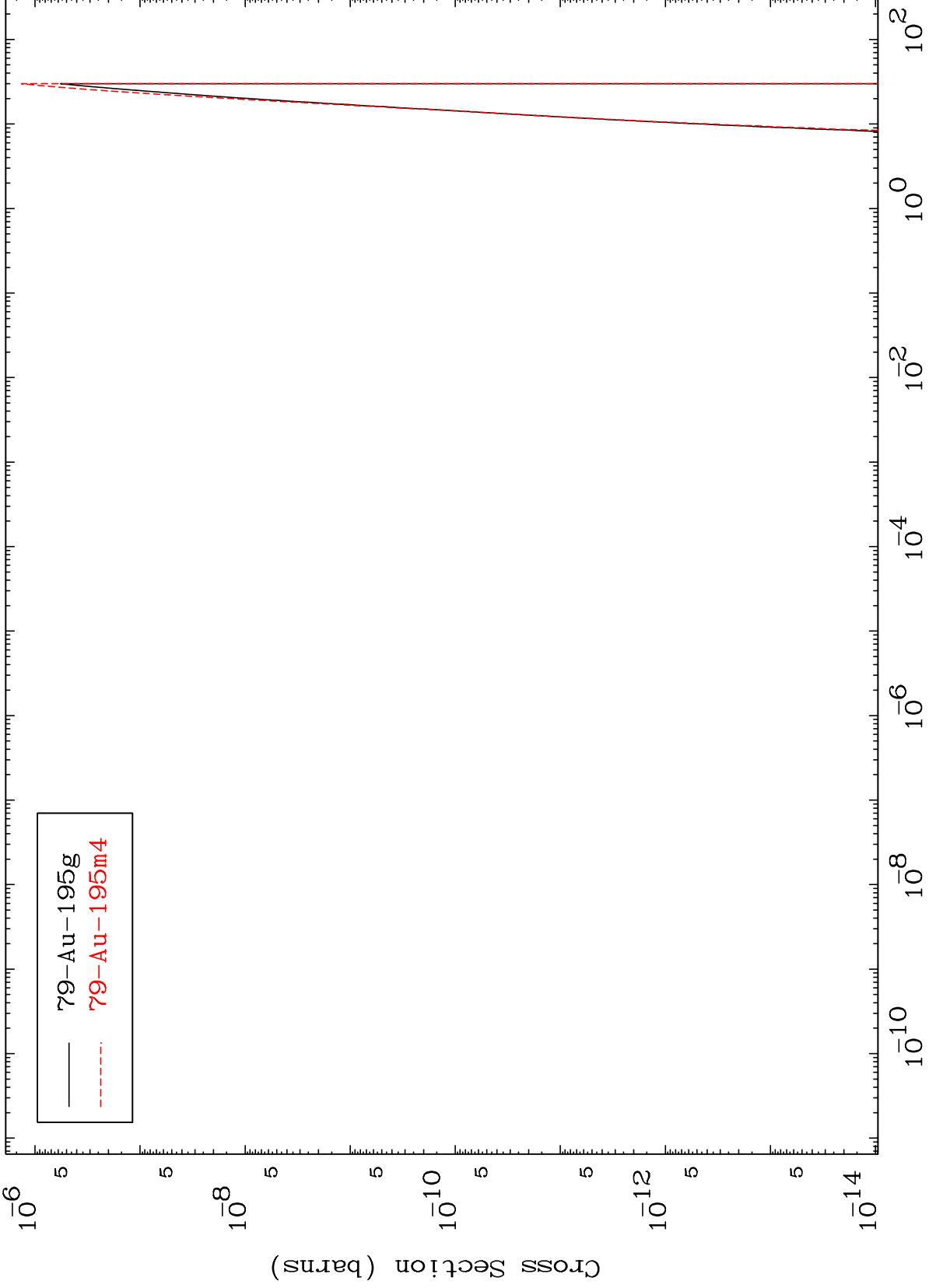
82-Pb-199m

MAT 8211

(n,p) α

82-Pb-199m

Radionuclide Production Cross Section

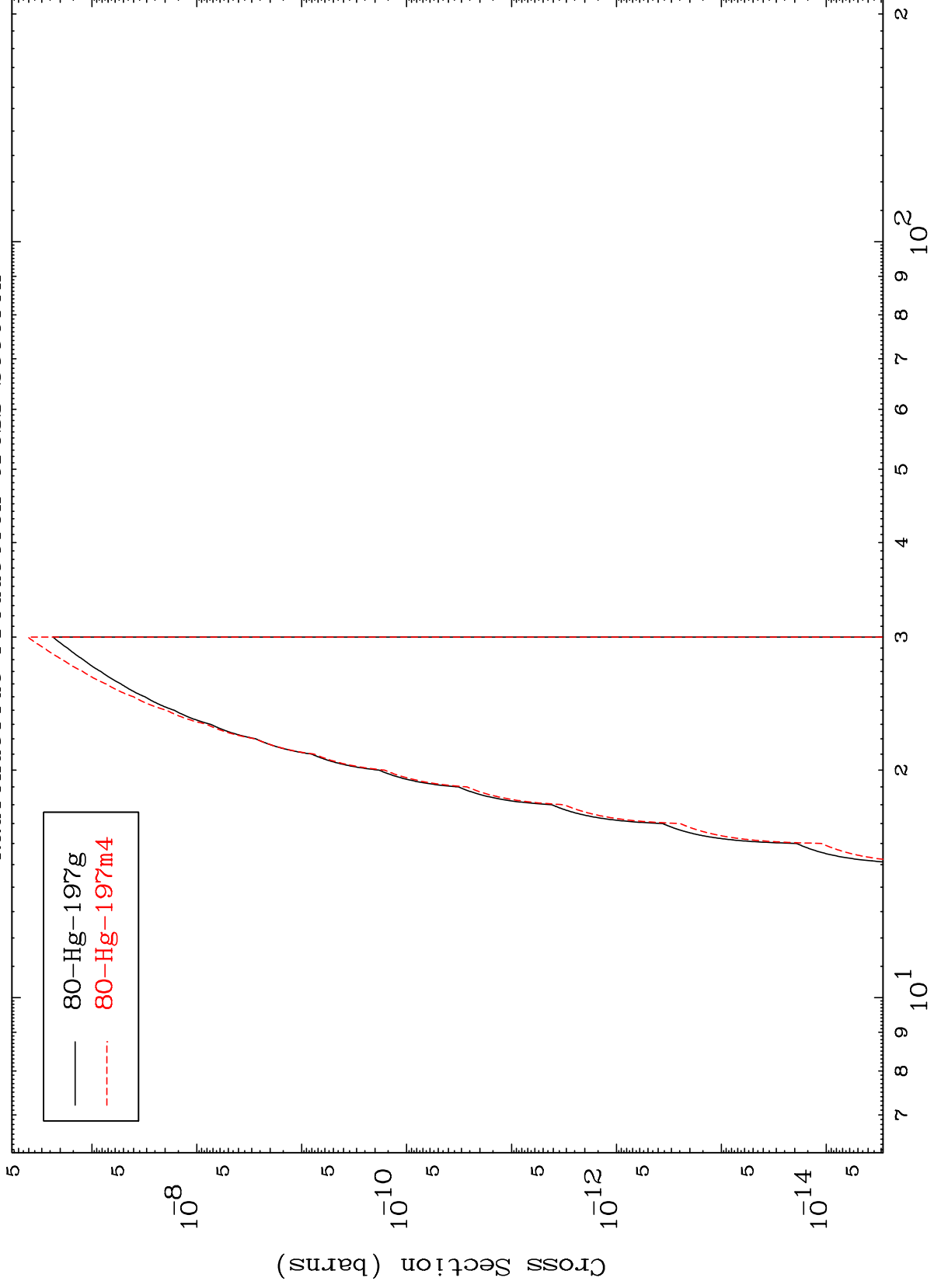


MAT 8211

(n,p) d

82-Pb-199m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

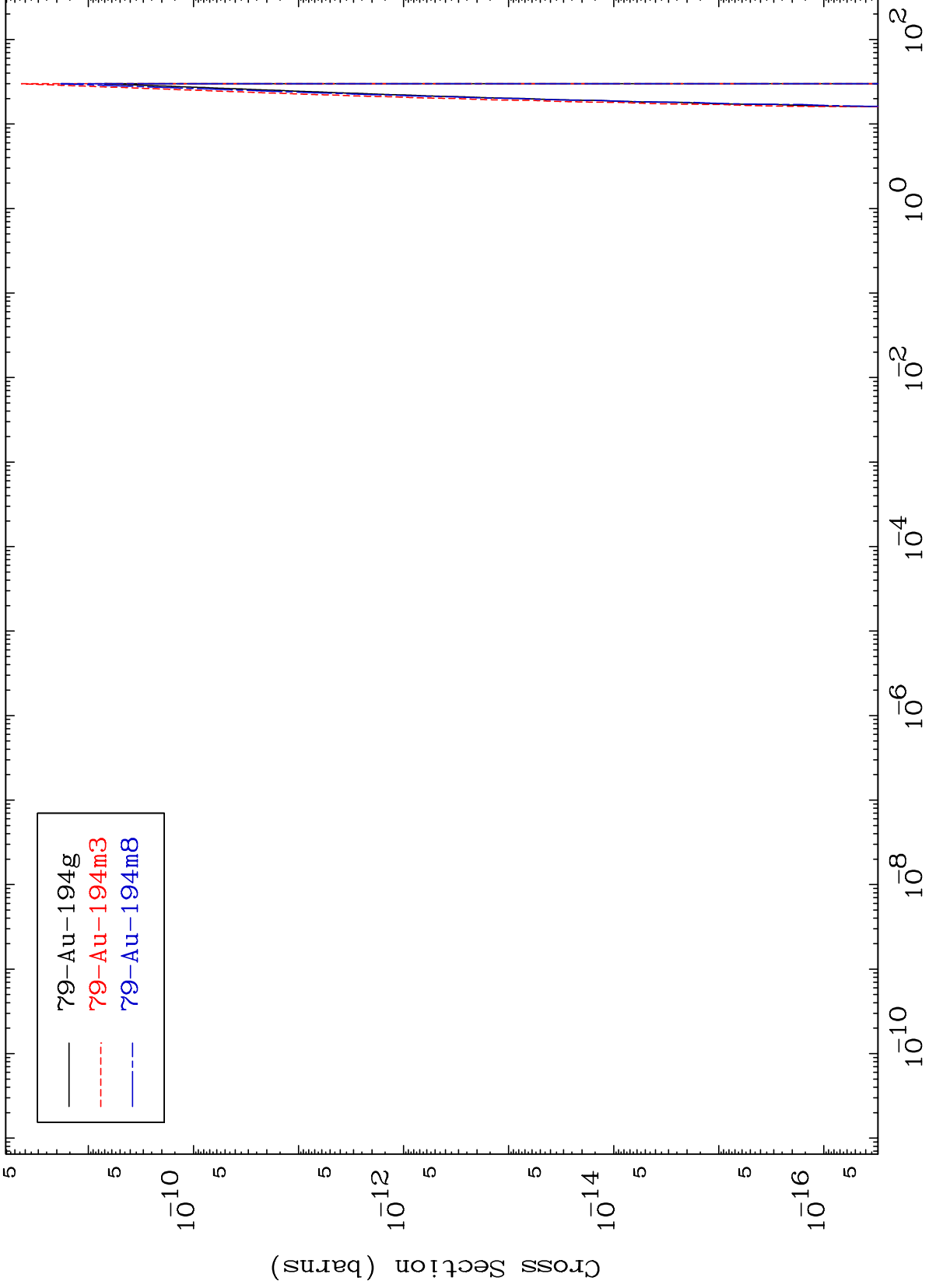
82-Pb-199m

MAT 8211

(n,d) α

82-Pb-199m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

82-Pb-199m