

Program EVALPLOT
(Version 2021-1)

by

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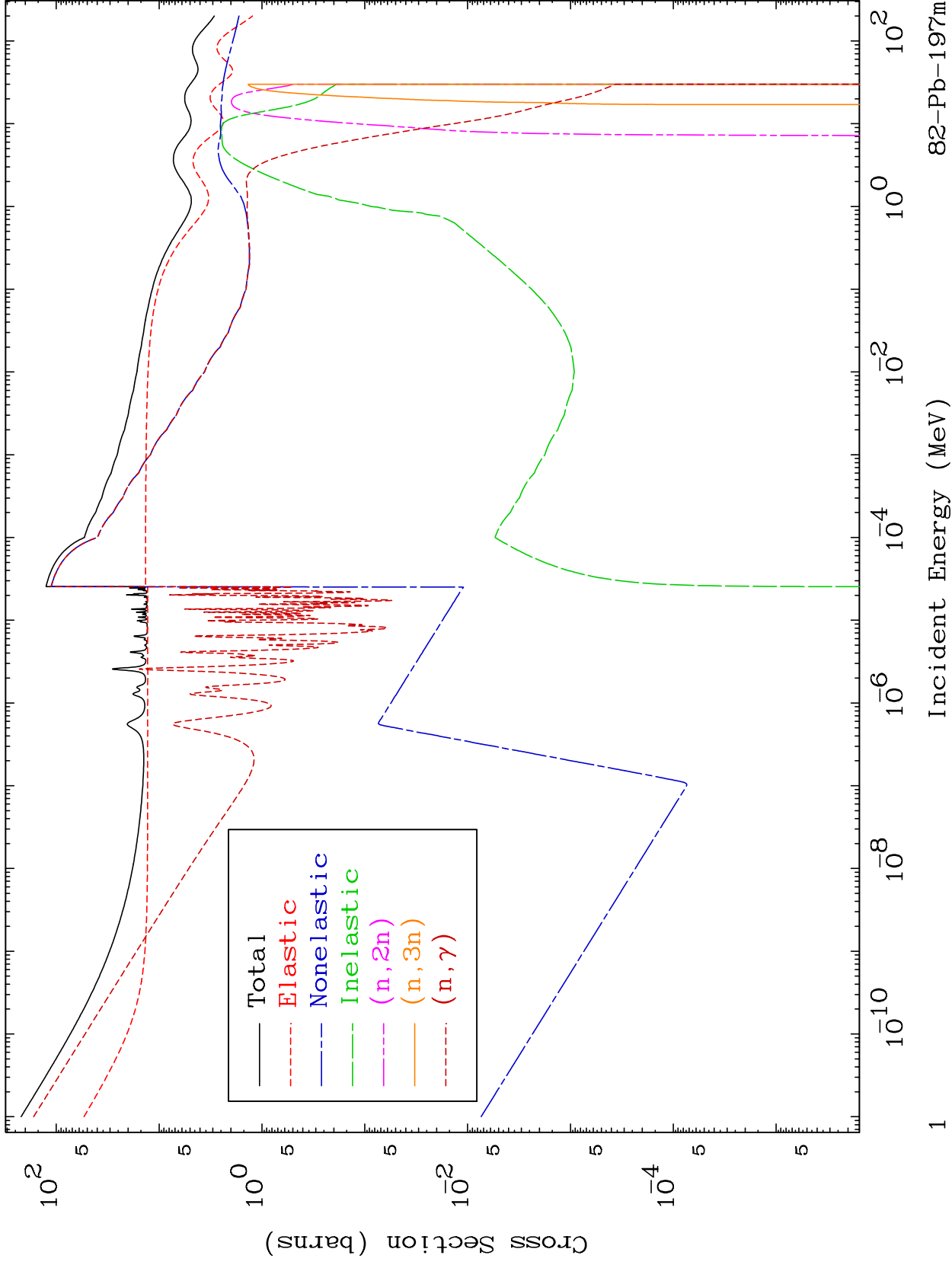
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8205

Neutron Major
293 Kelvin Cross Sections

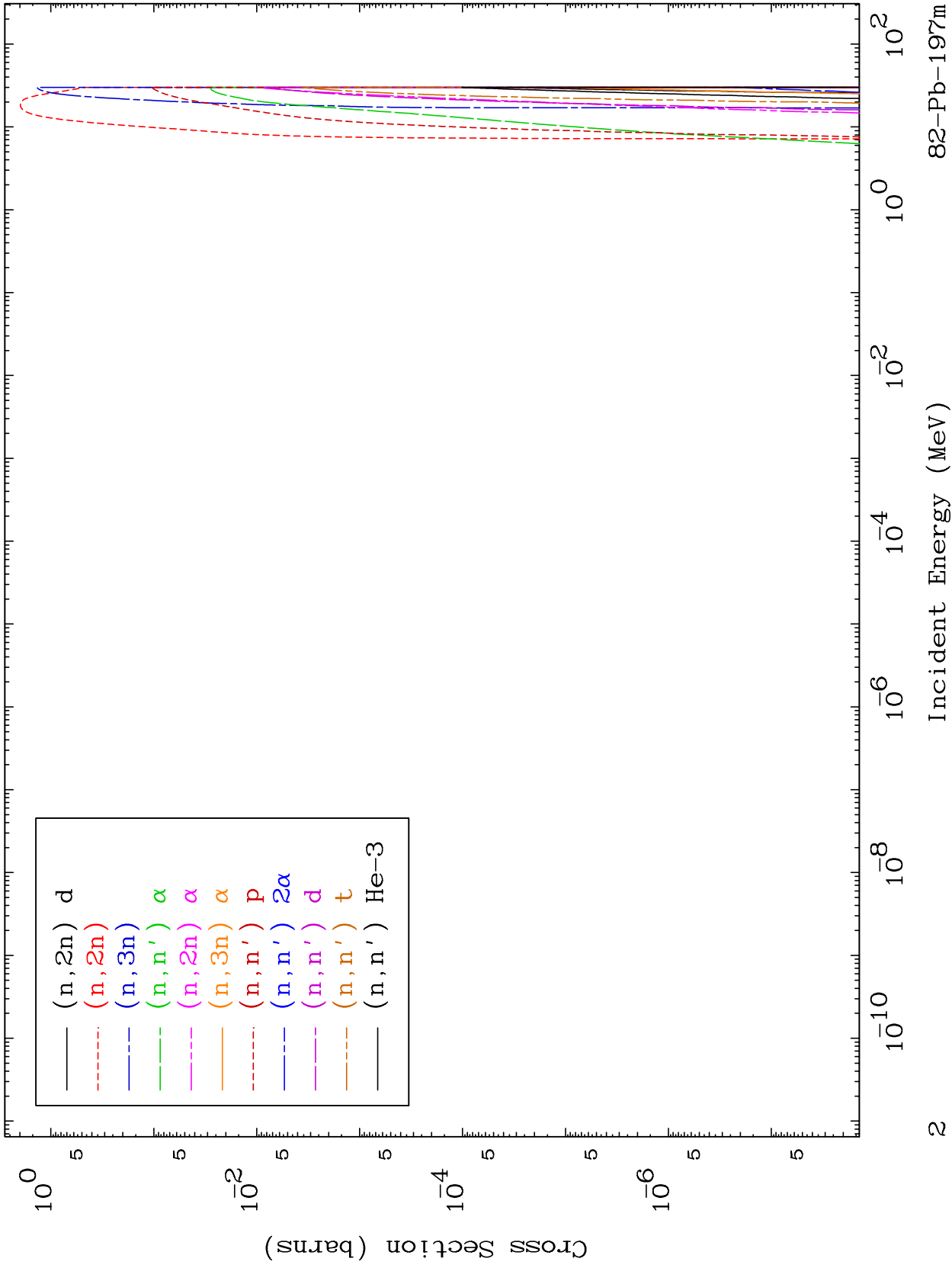
82-Pb-197m



MAT 8205

Neutron Absorption
293 Kelvin Cross Sections

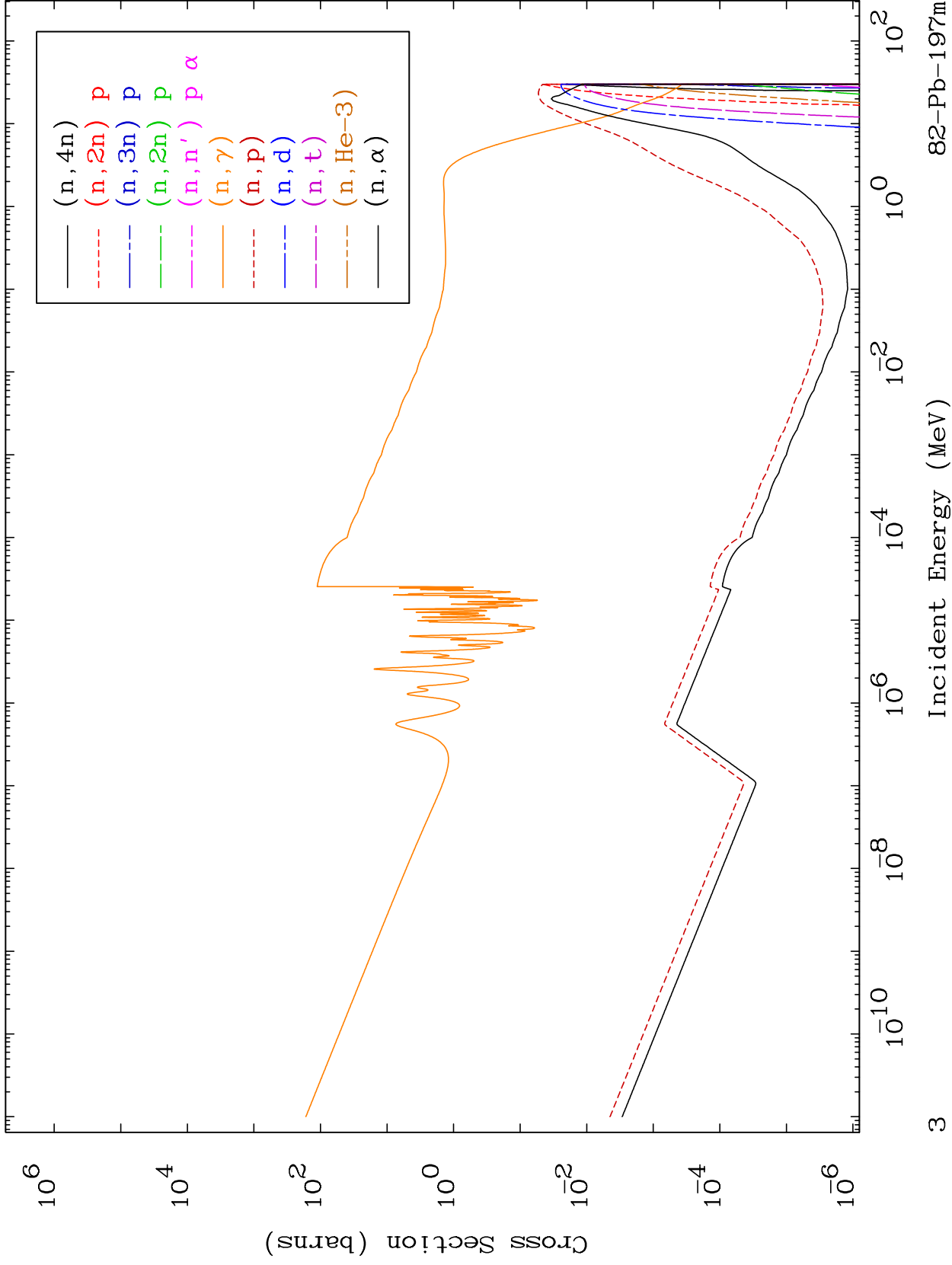
82-Pb-197m



MAT 8205

Neutron Absorption
293 Kelvin Cross Sections

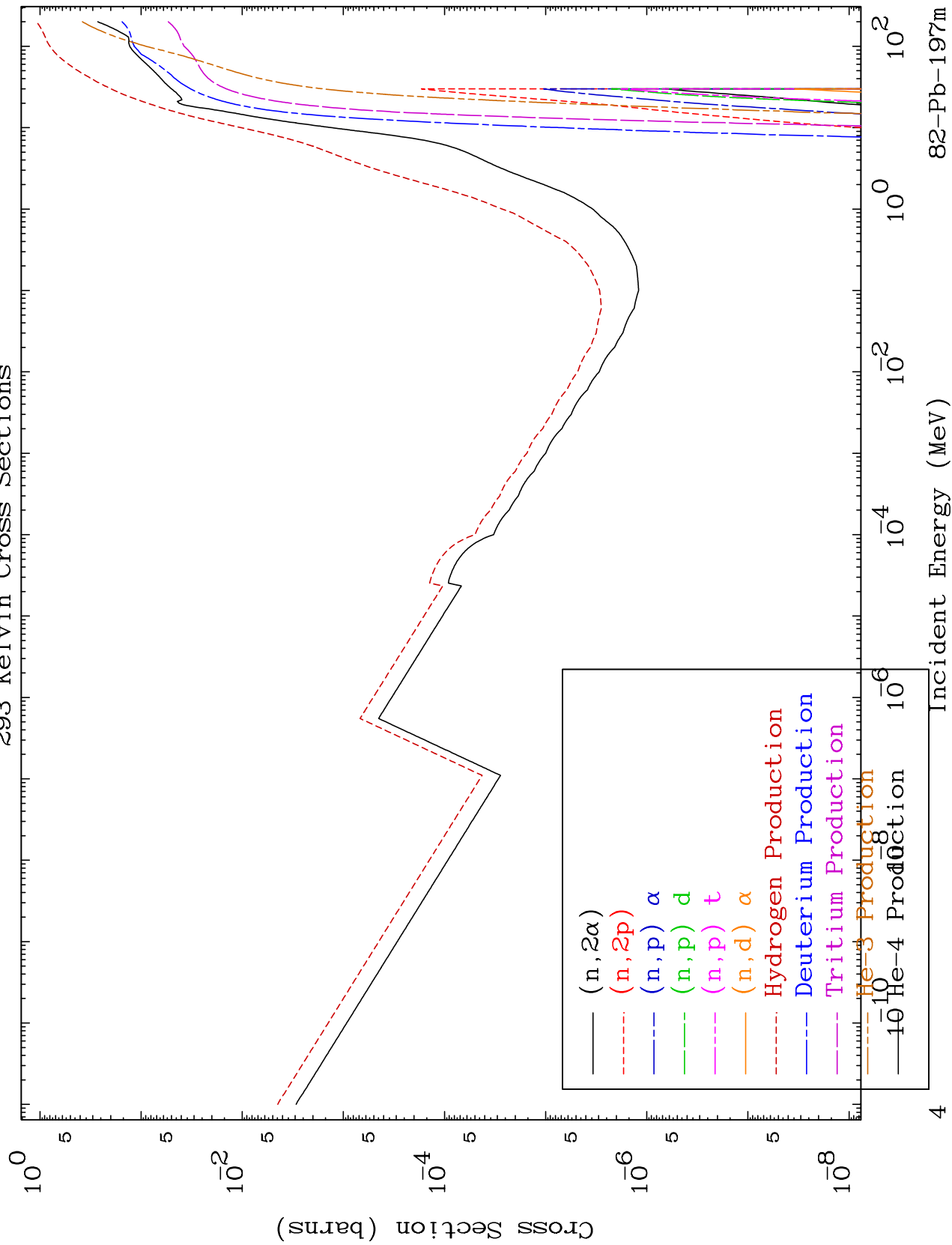
82-Pb-197m



MAT 8205

Neutron Absorption
293 Kelvin Cross Sections

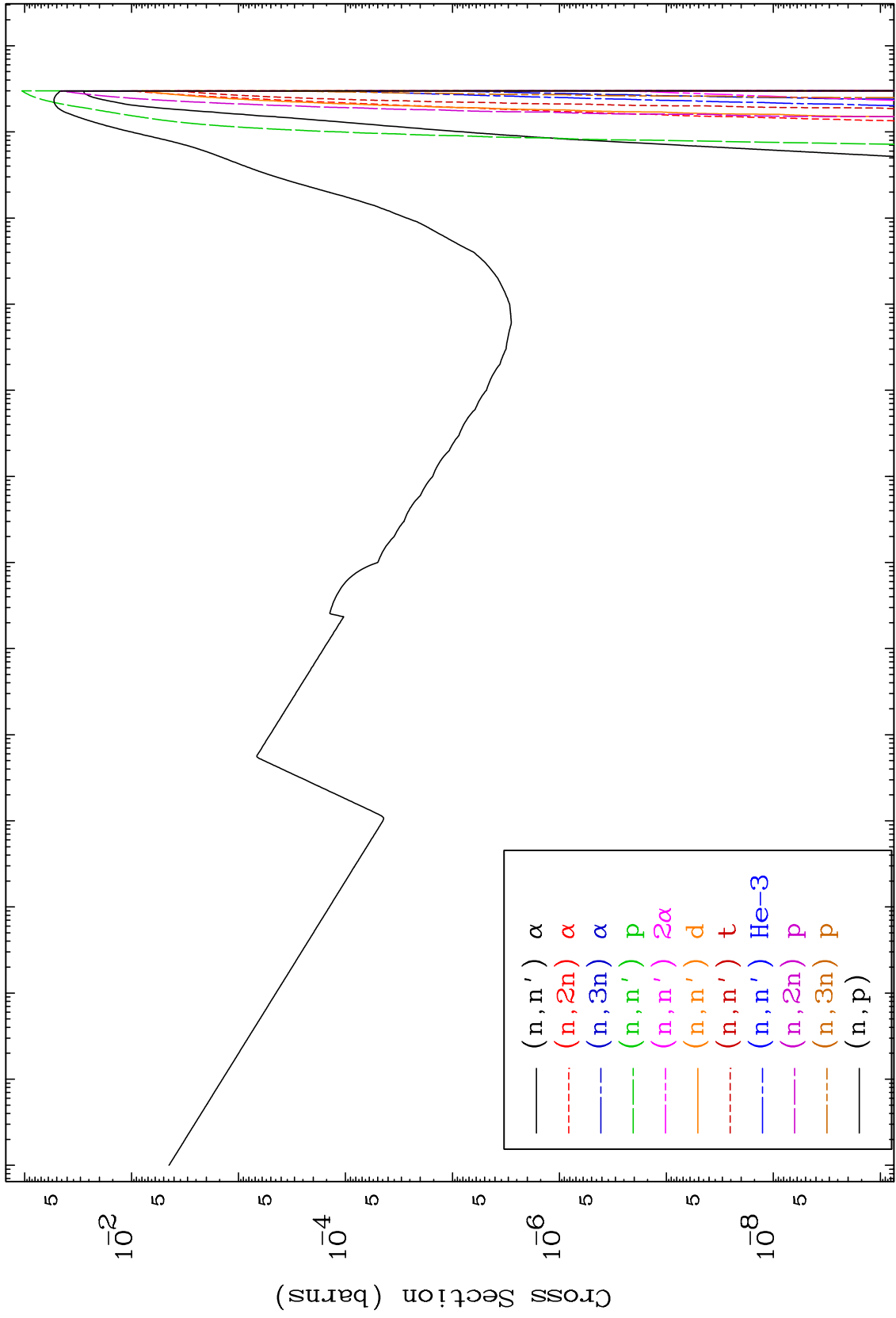
82-Pb-197m



MAT 8205

Charged Particle
293 Kelvin Cross Sections

82-Pb-197m



82-Pb-197m

10^0

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

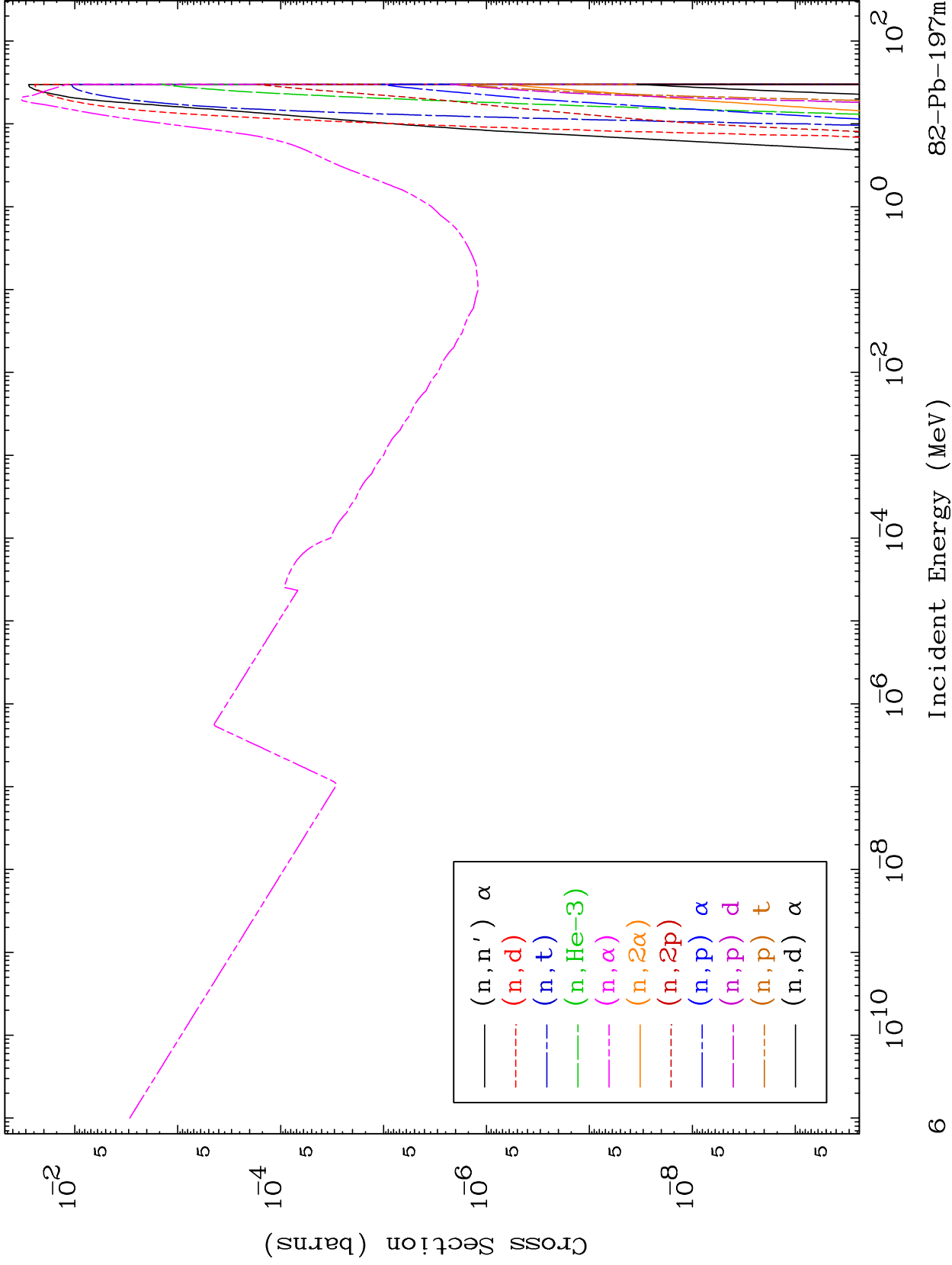
Incident Energy (MeV)

82-Pb-197m

MAT 8205

Charged Particle
293 Kelvin Cross Sections

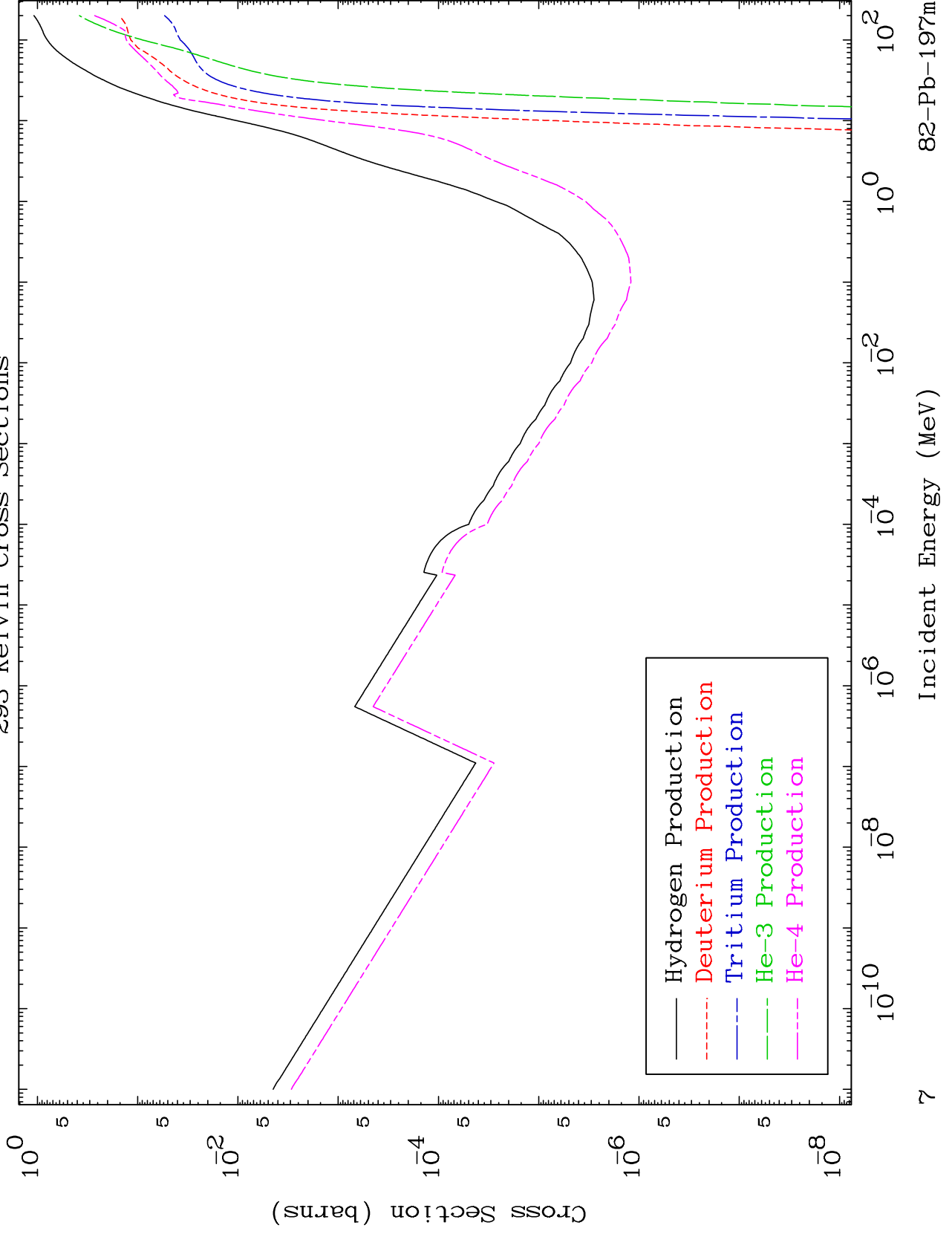
82-Pb-197m



MAT 8205

Particle Production
293 Kelvin Cross Sections

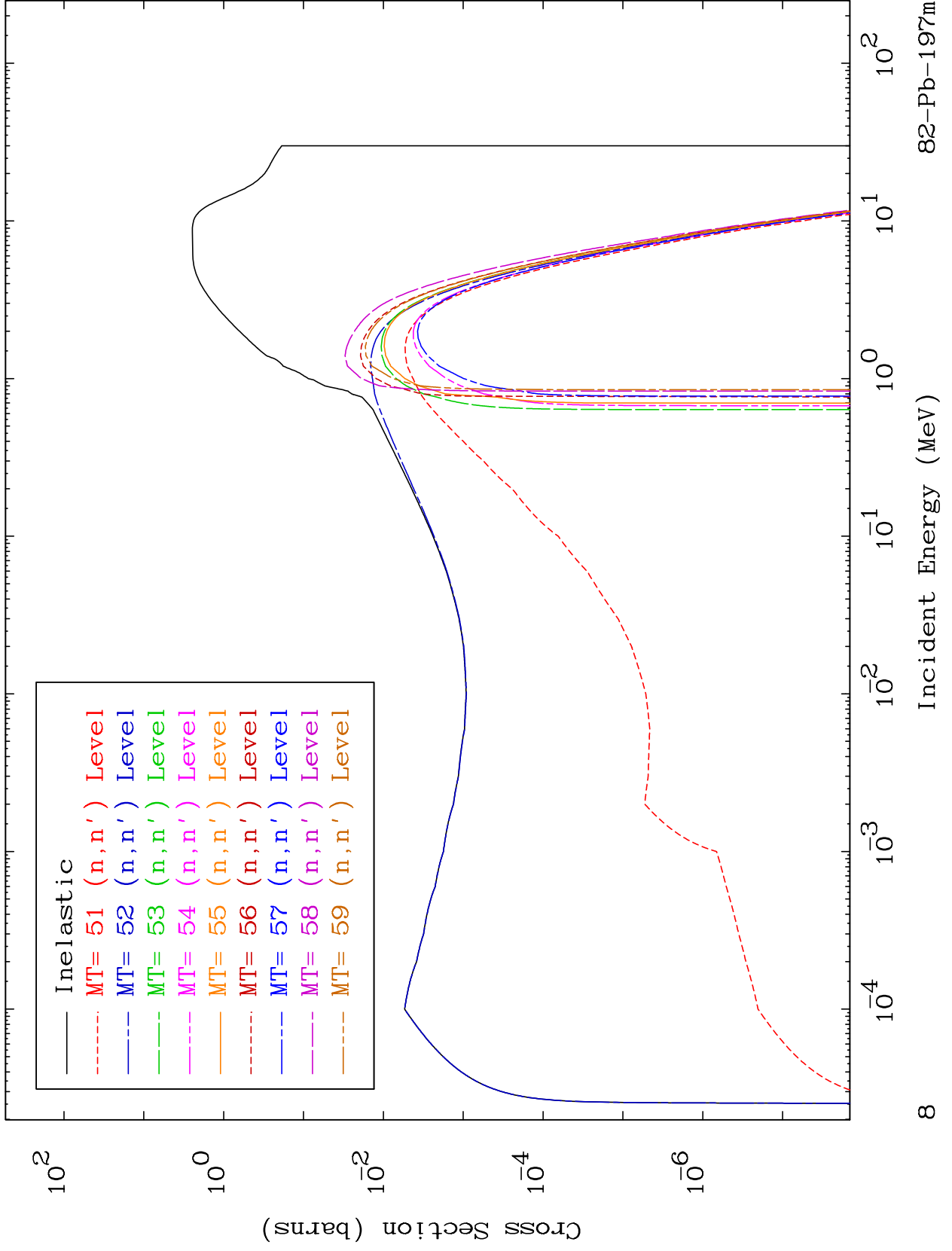
82-Pb-197m



MAT 8205

(n,n') Levels
293 Kelvin Cross Sections

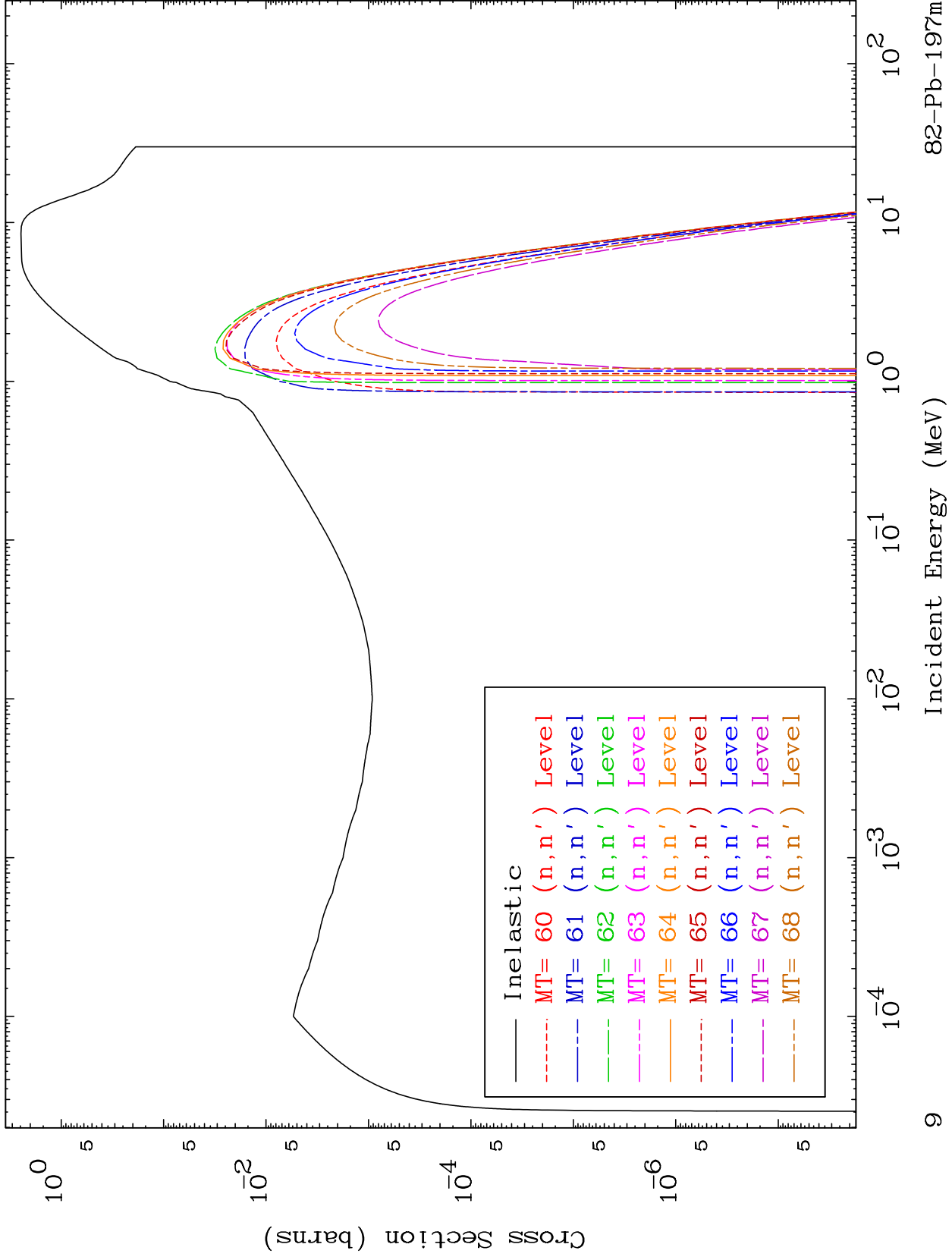
82-Pb-197m



MAT 8205

(n,n') Levels
293 Kelvin Cross Sections

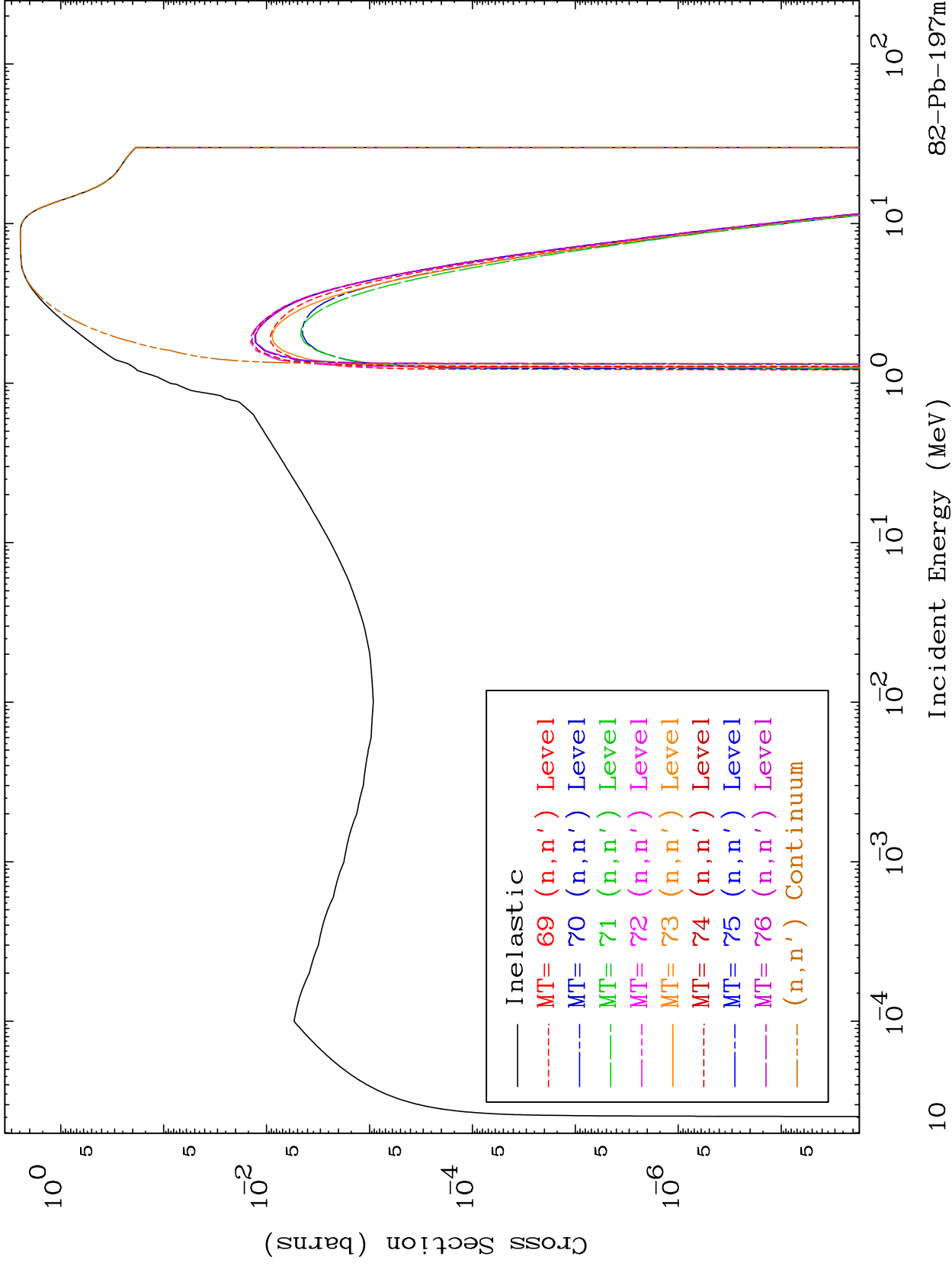
82-Pb-197m



MAT 8205

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-197m

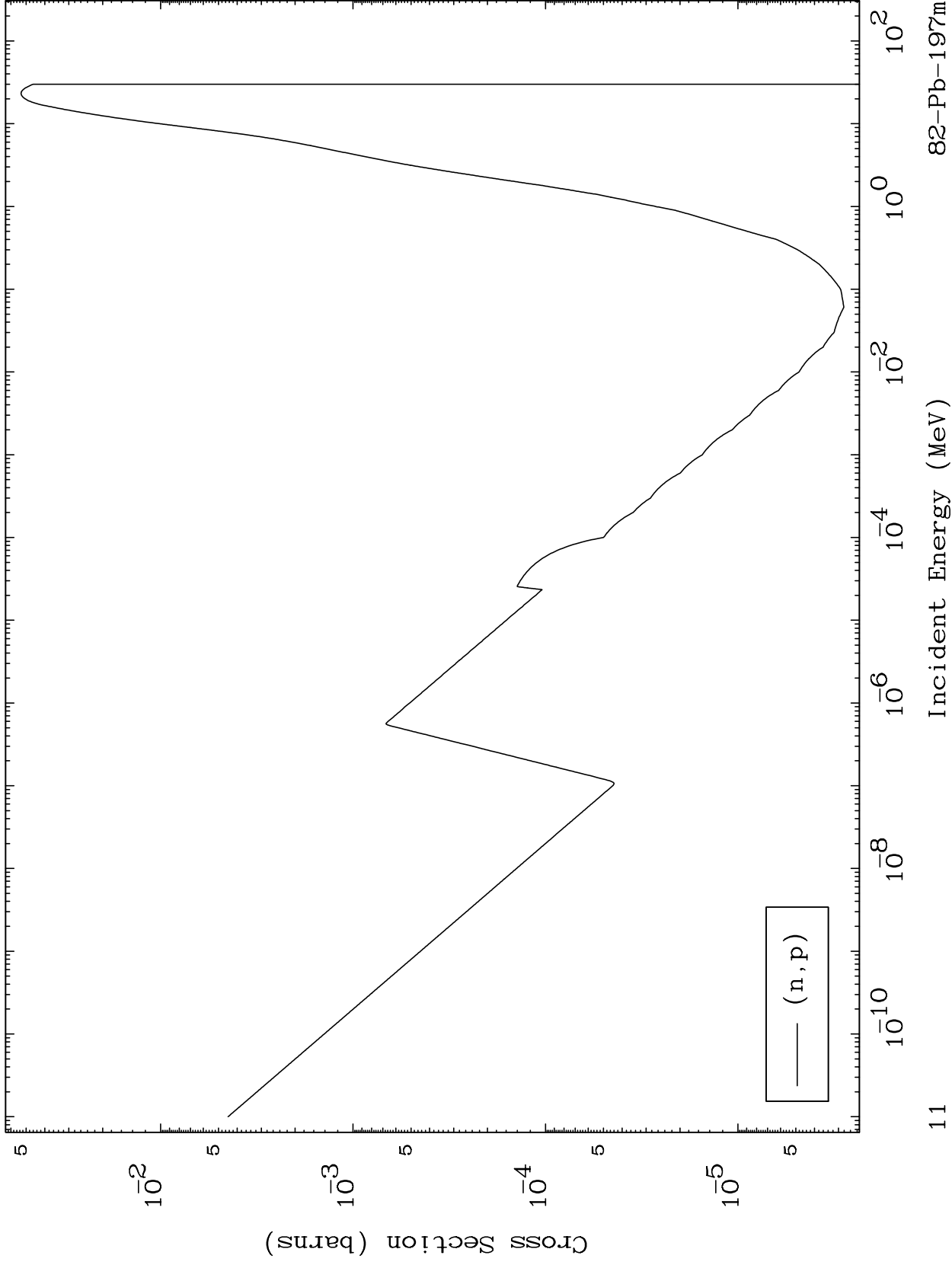


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MAT 8205

(n,p) Levels
293 Kelvin Cross Sections

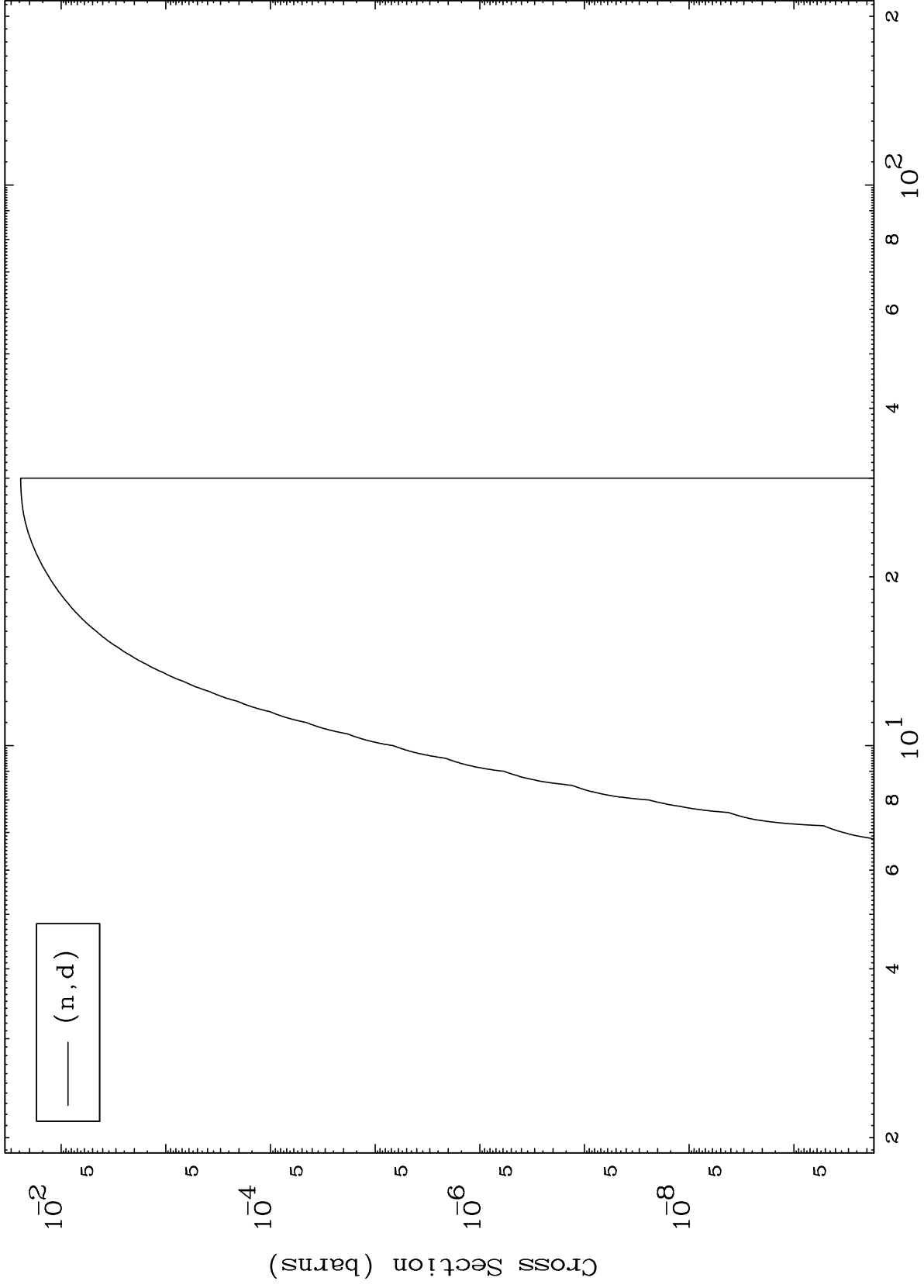
82-Pb-197m



MAT 8205

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-197m



12

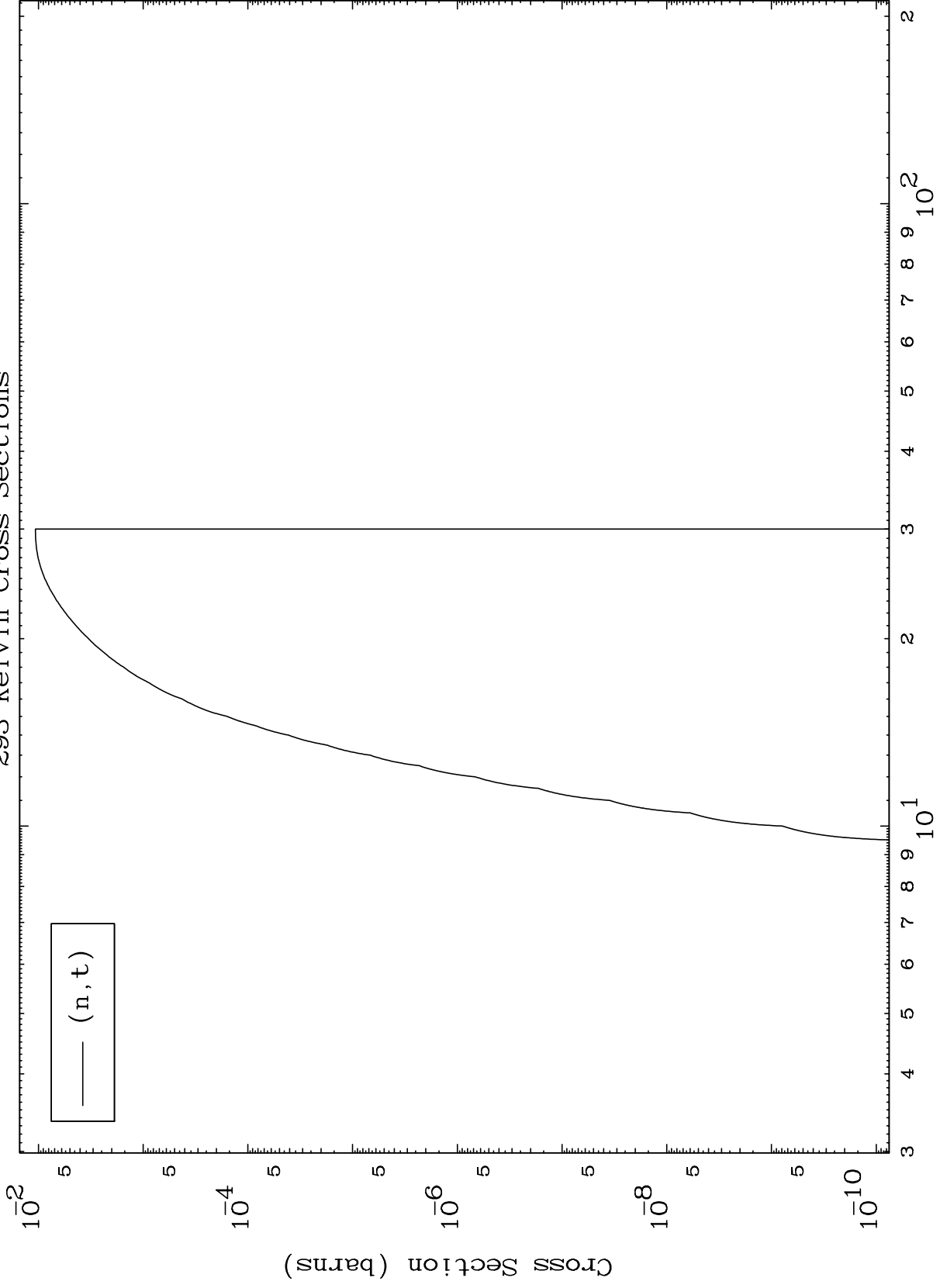
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-197m



13

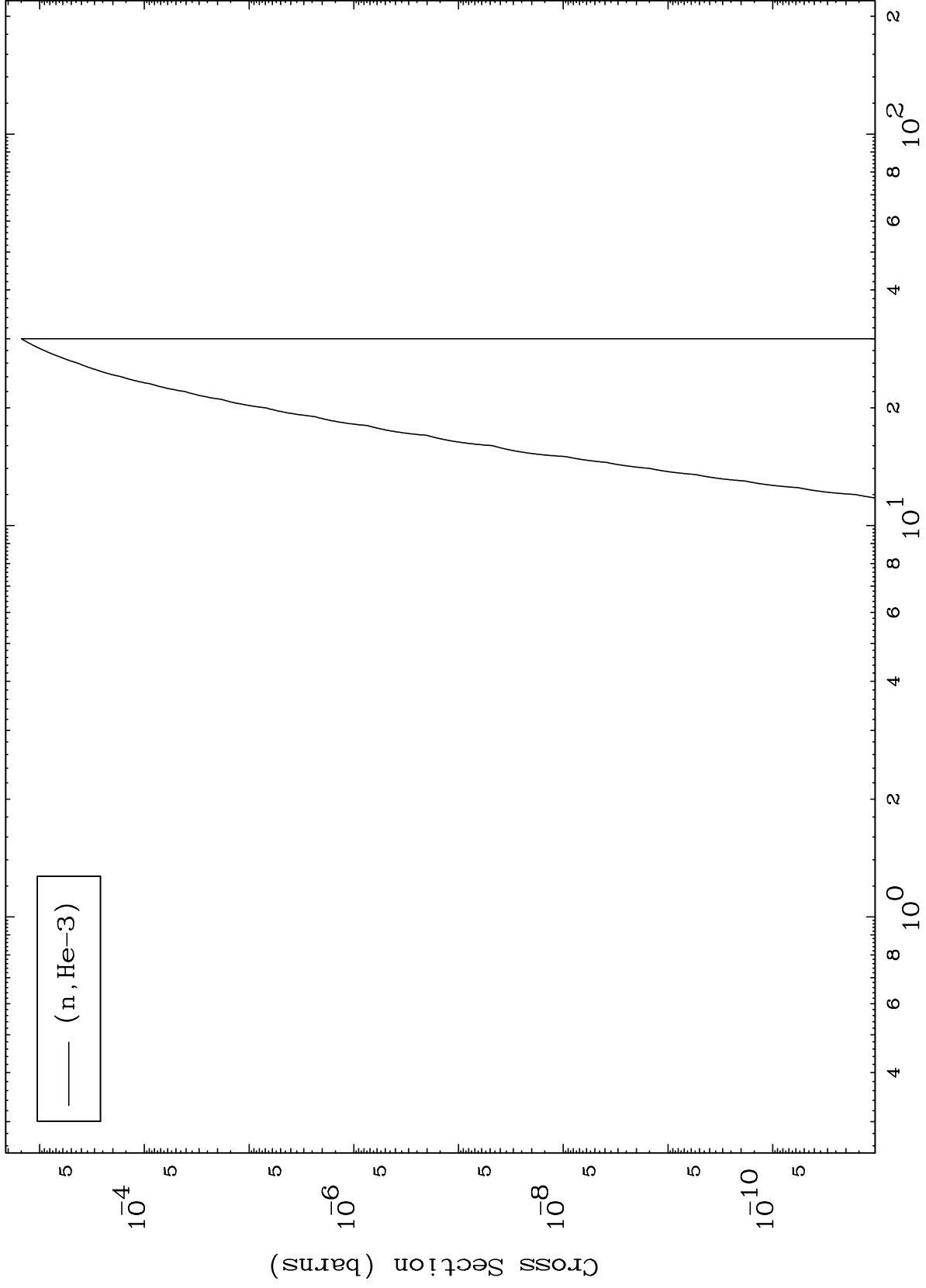
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,He3) Levels
293 Kelvin Cross Sections

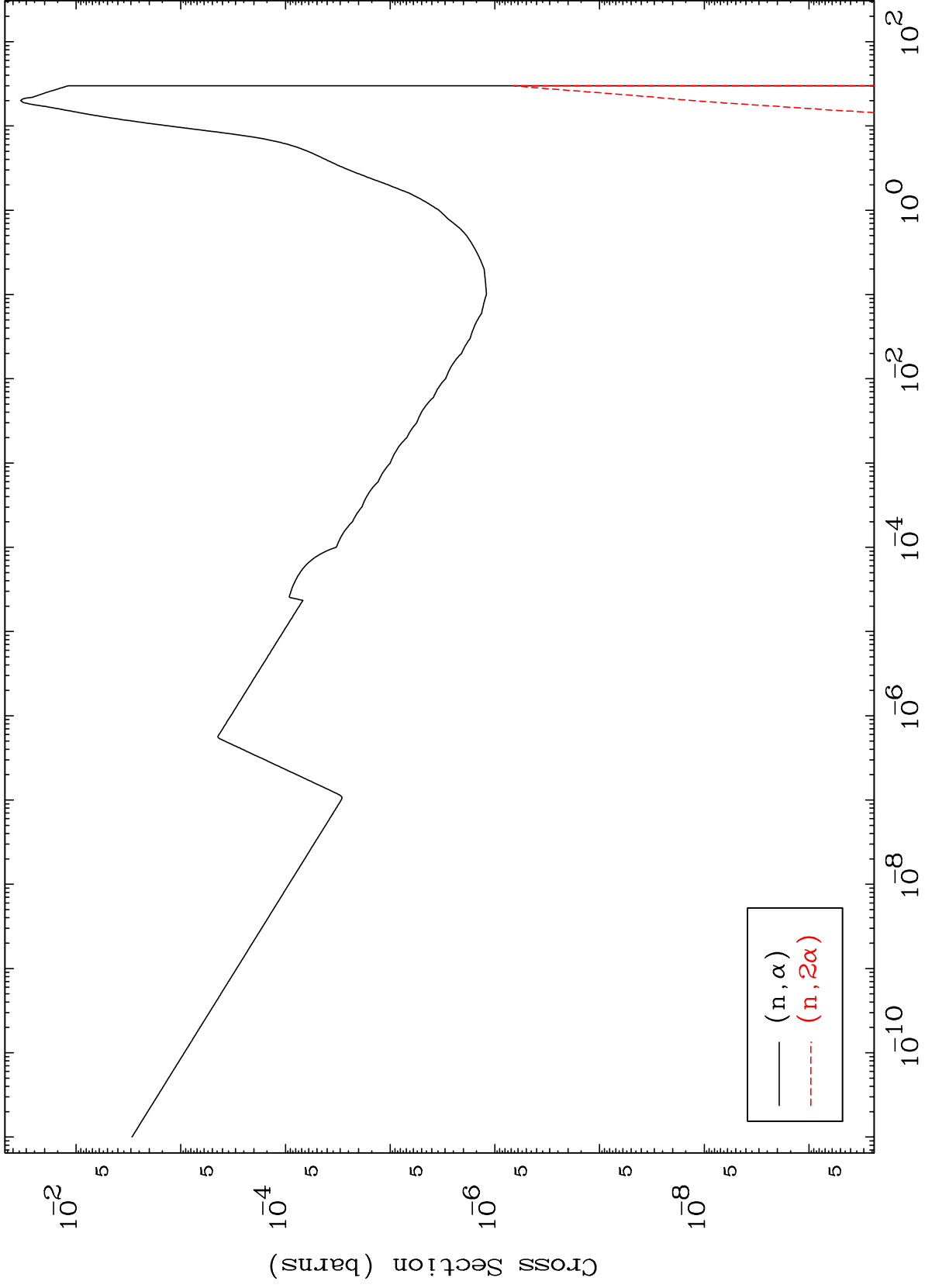
82-Pb-197m

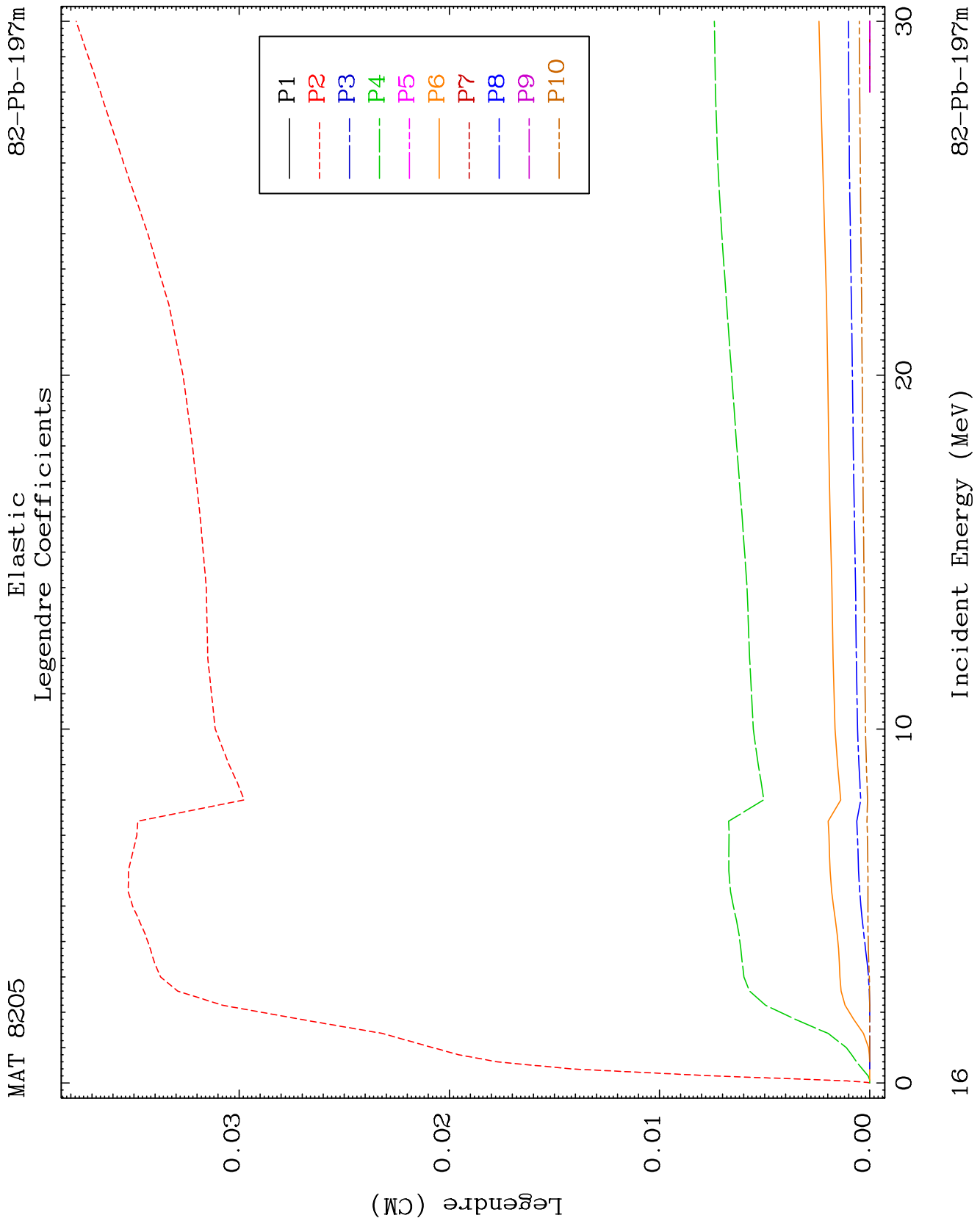


MAT 8205

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-197m

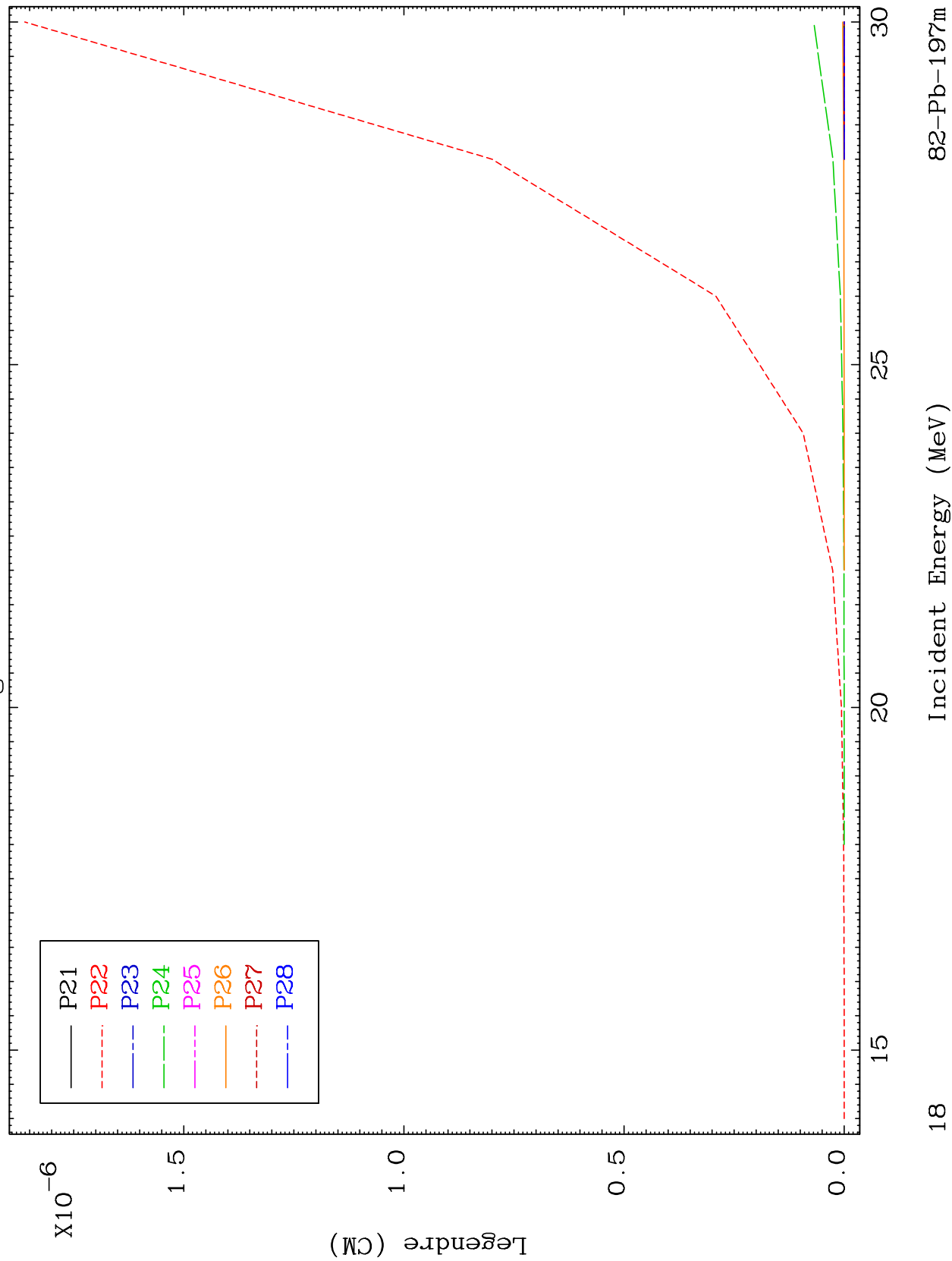




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Elastic Legendre Coefficients

82-Pb-197m



18

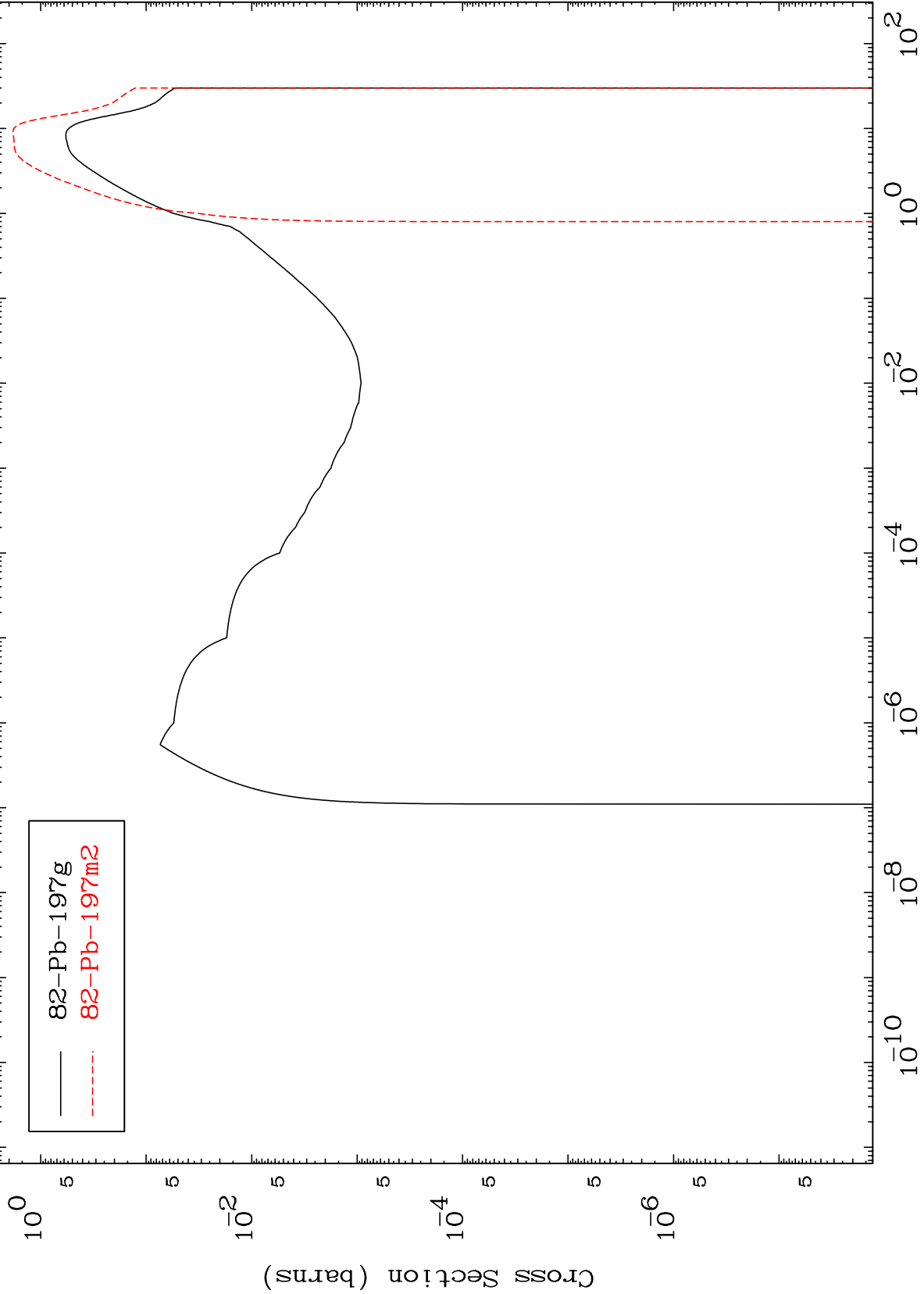
Incident Energy (MeV)

82-Pb-197m

MAT 8205

Radionuclide Production Cross Section

⁸²Pb-197m



— 82-Pb-197g
- - - 82-Pb-197m2

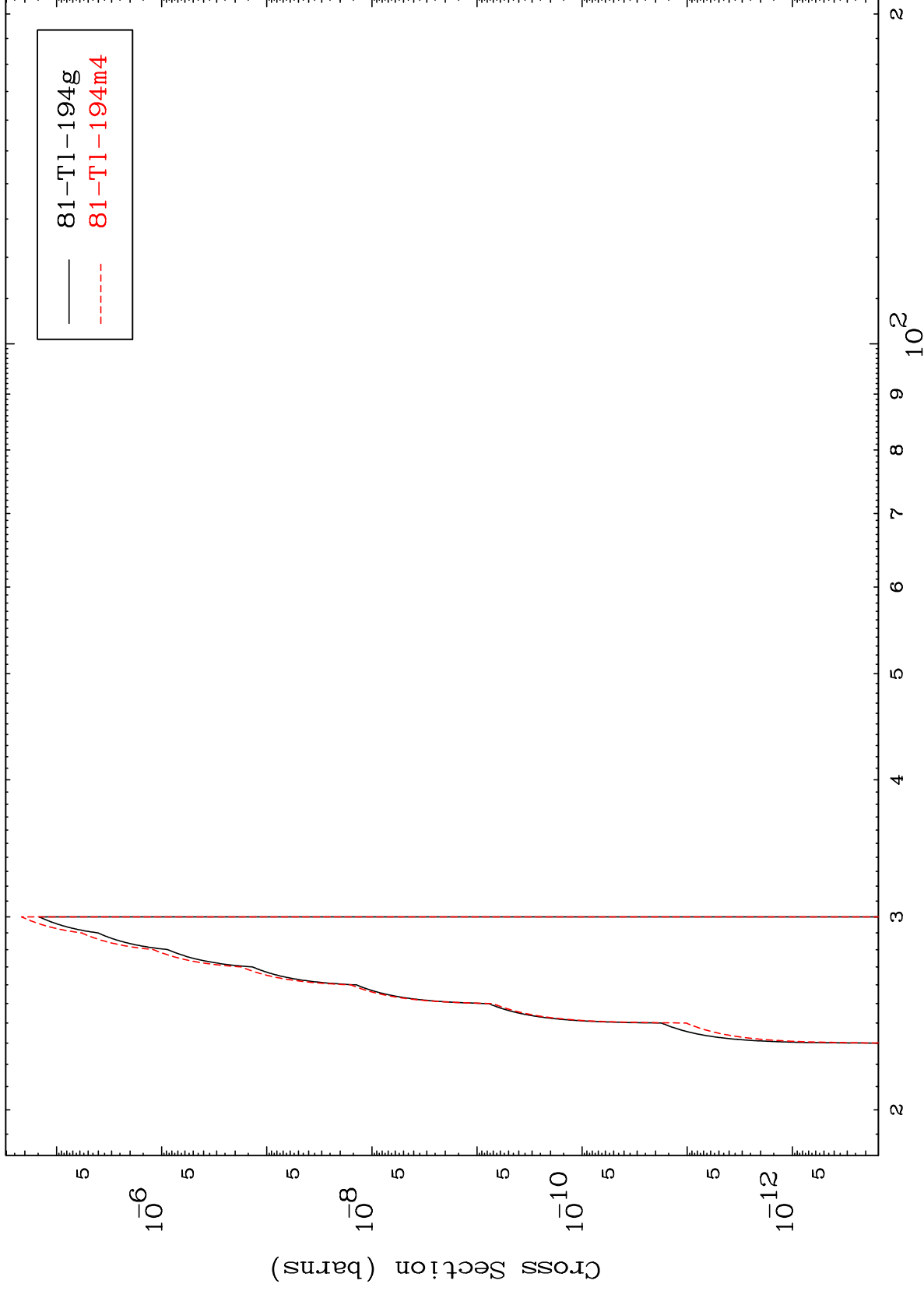
⁸²Pb-197m

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(n,2n) d

82-Pb-197m

Radionuclide Production Cross Section



20

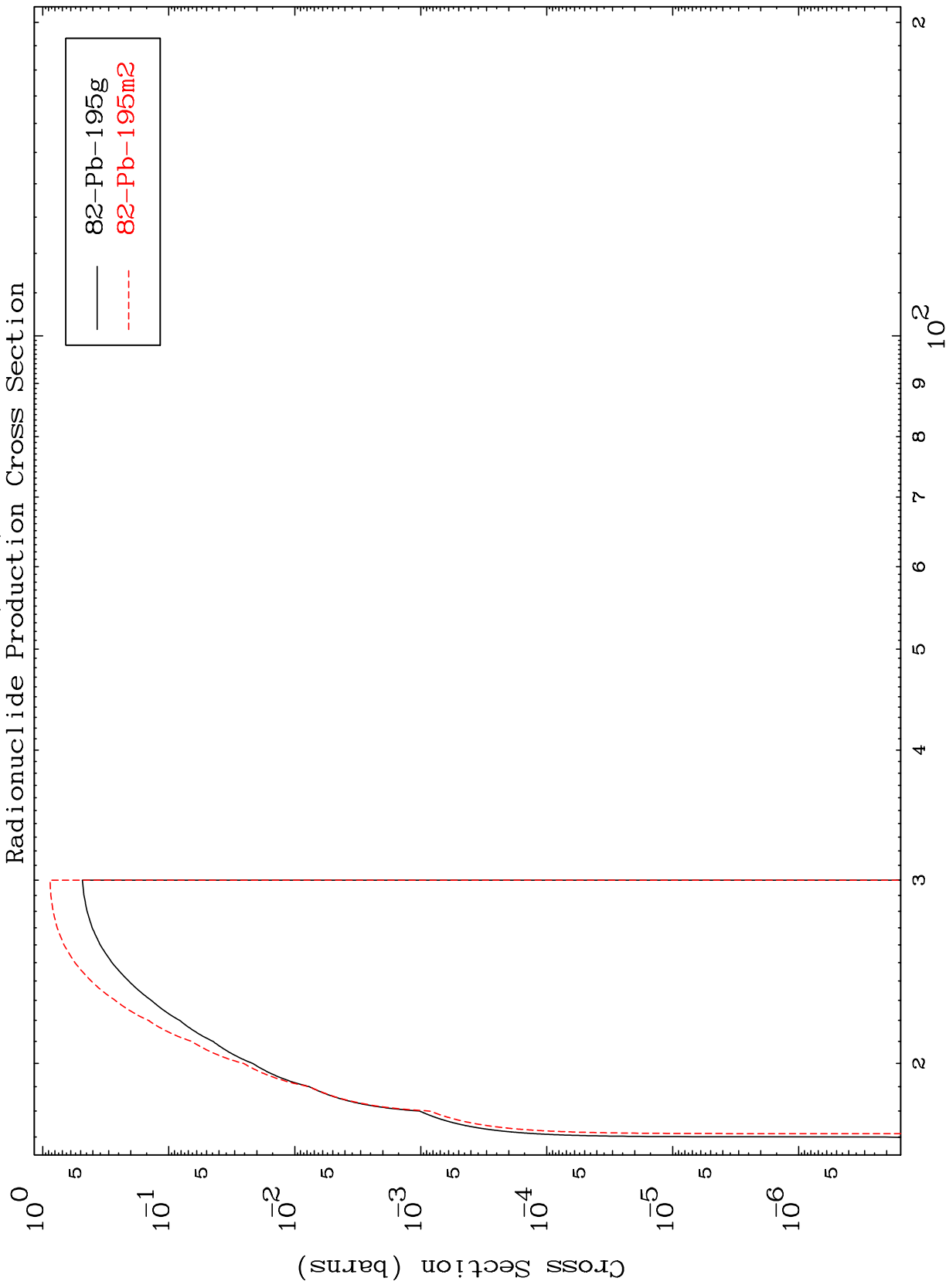
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

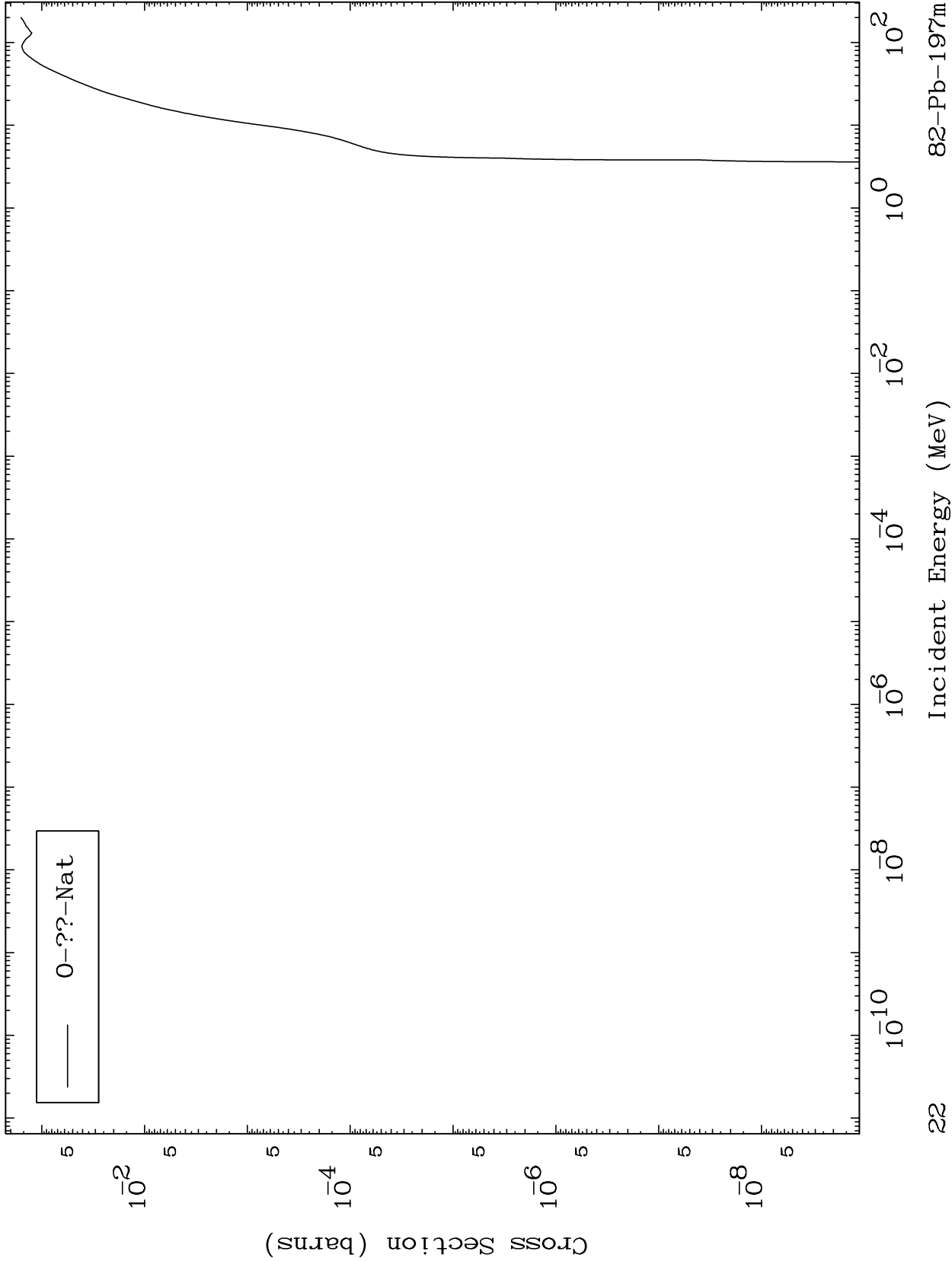
(n,3n)
Radionuclide Production Cross Section



MAT 8205

Fission
Radionuclide Production Cross Section

82-Pb-197m



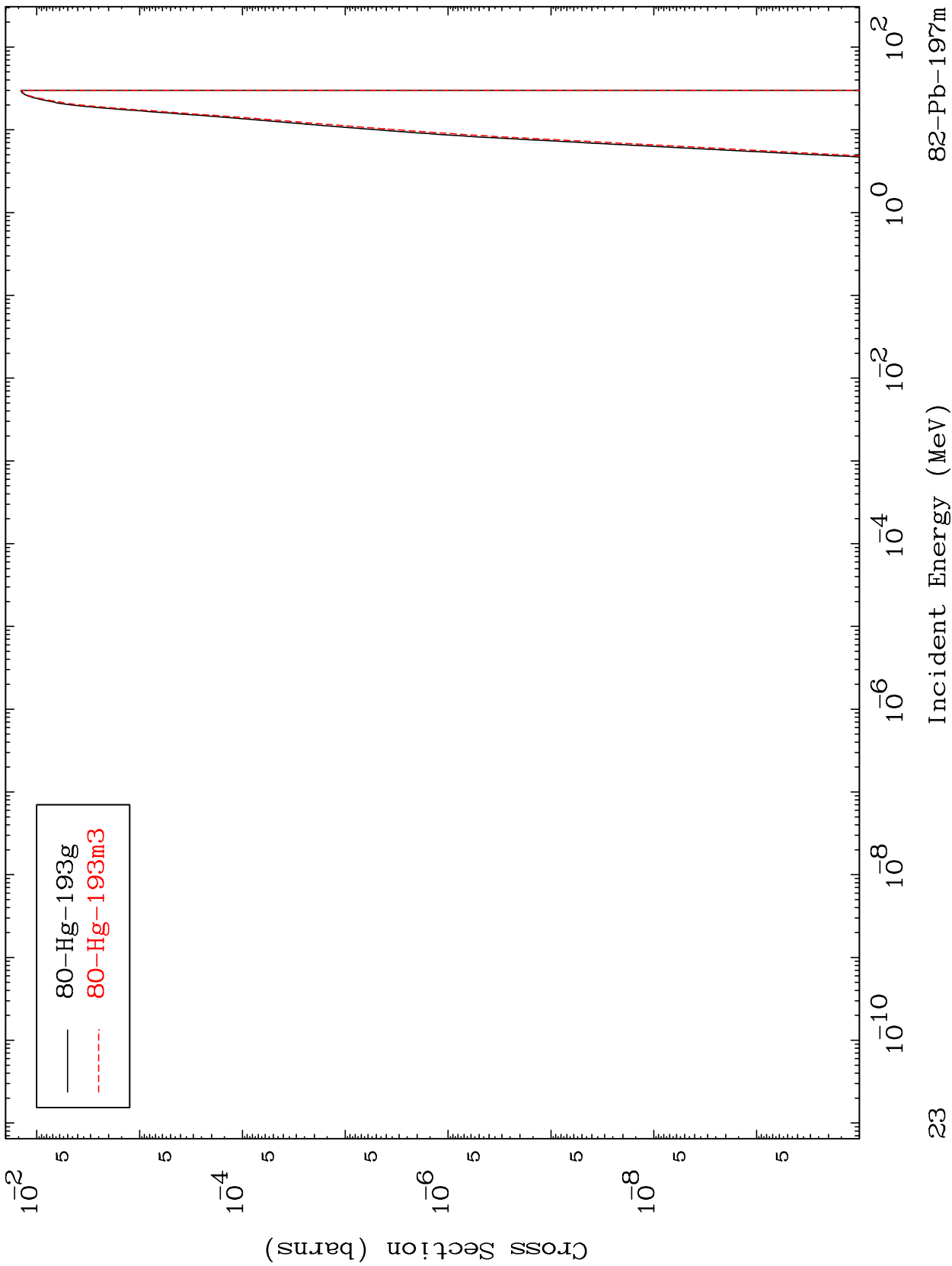
82-Pb-197m

MAT 8205

$(n, n') \alpha$

82-Pb-197m

Radionuclide Production Cross Section



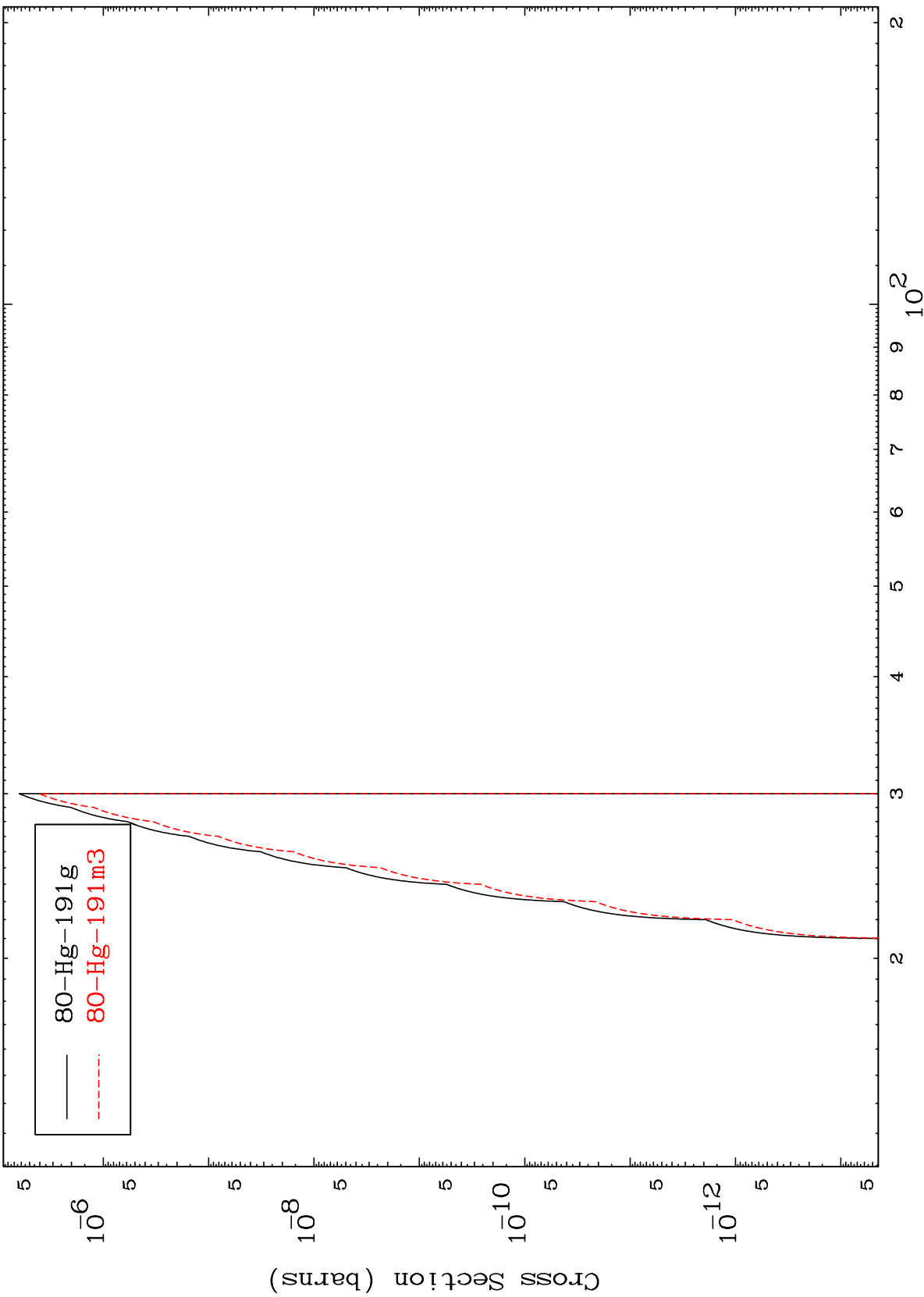
80-Hg-193g
80-Hg-193m3

MAT 8205

(n,3n) α

82-Pb-197m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

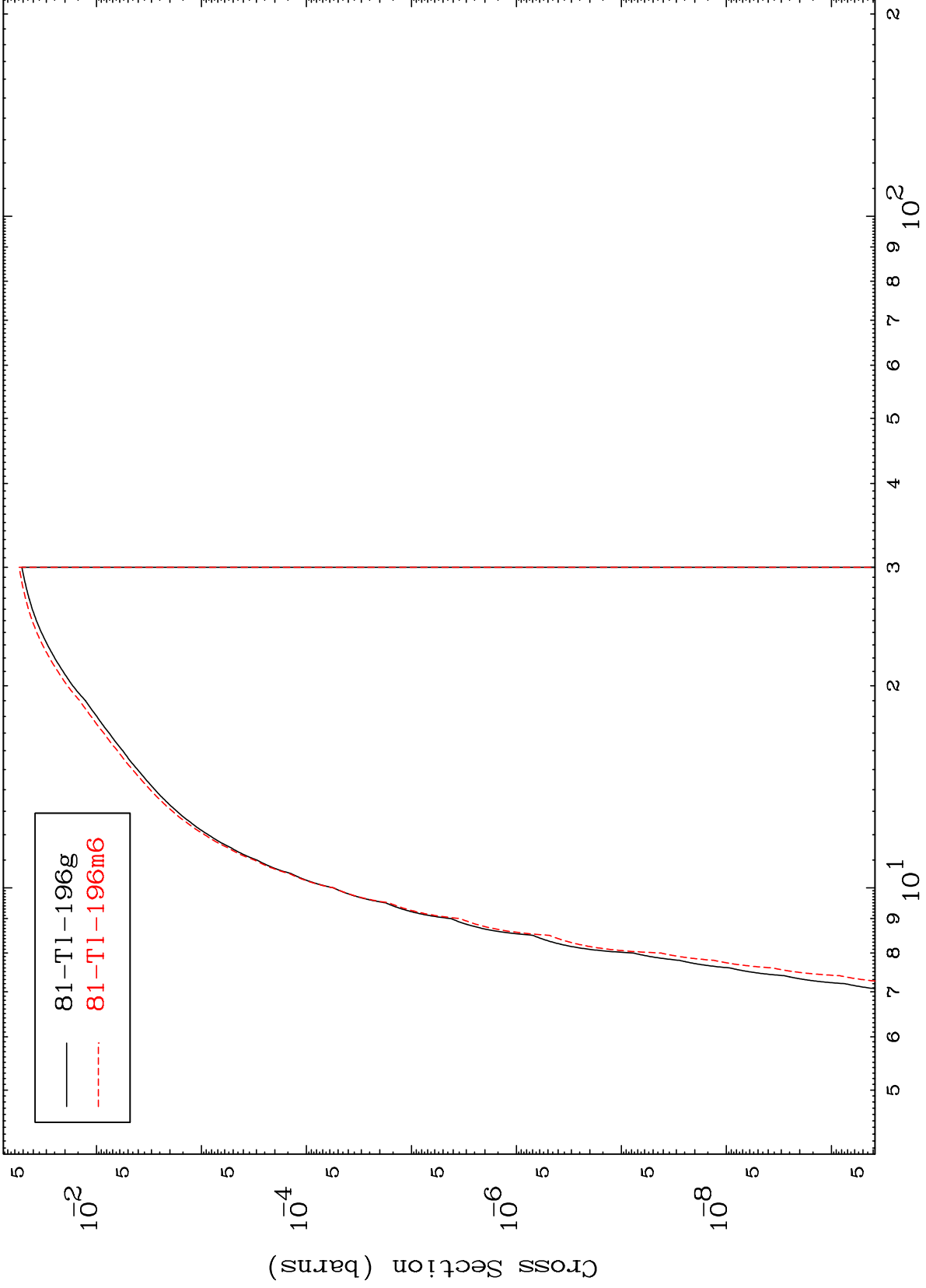
82-Pb-197m

MAT 8205

(n,n') p

82-Pb-197m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

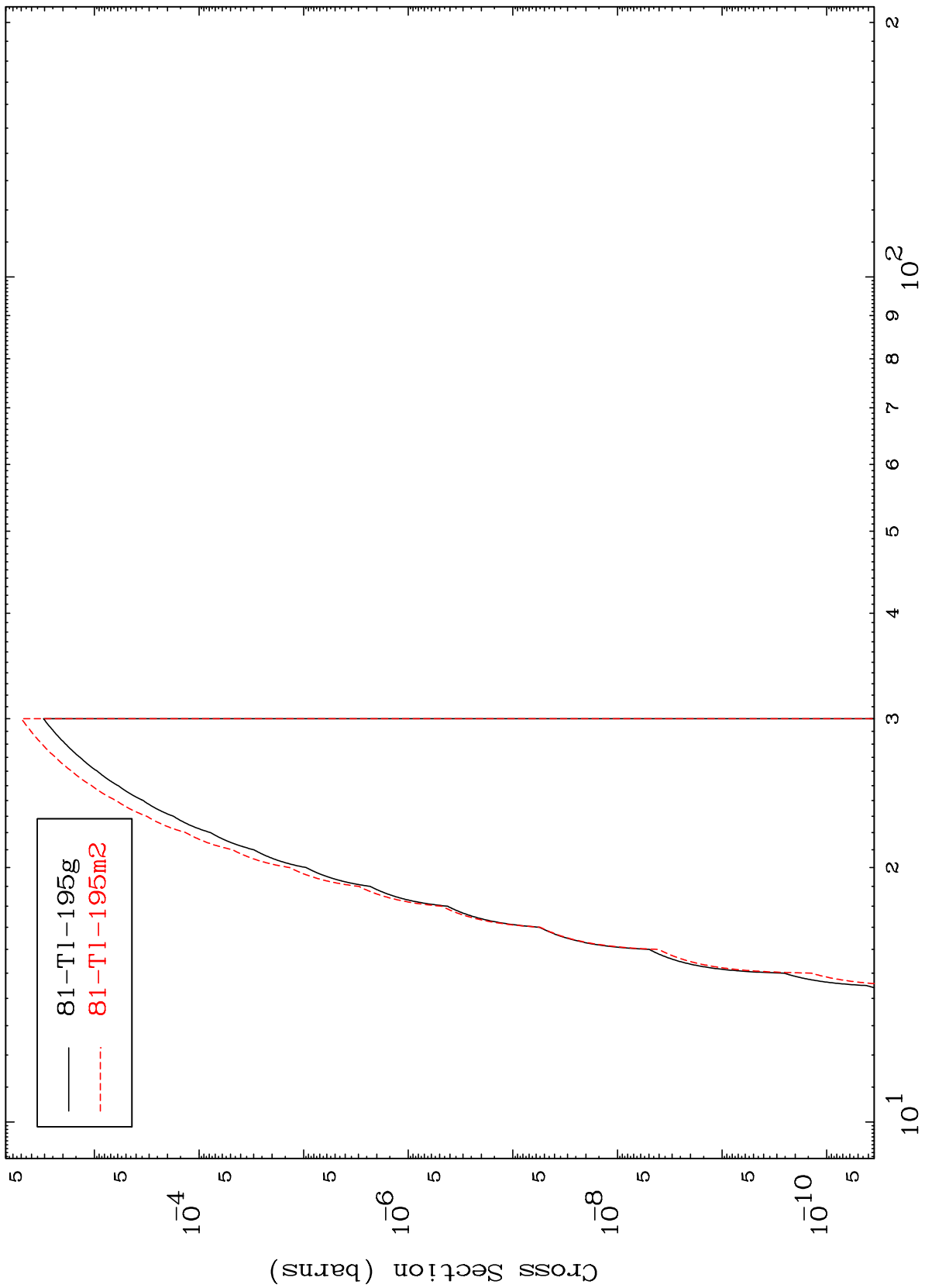
82-Pb-197m

MAT 8205

(n,n') d

82-Pb-197m

Radionuclide Production Cross Section

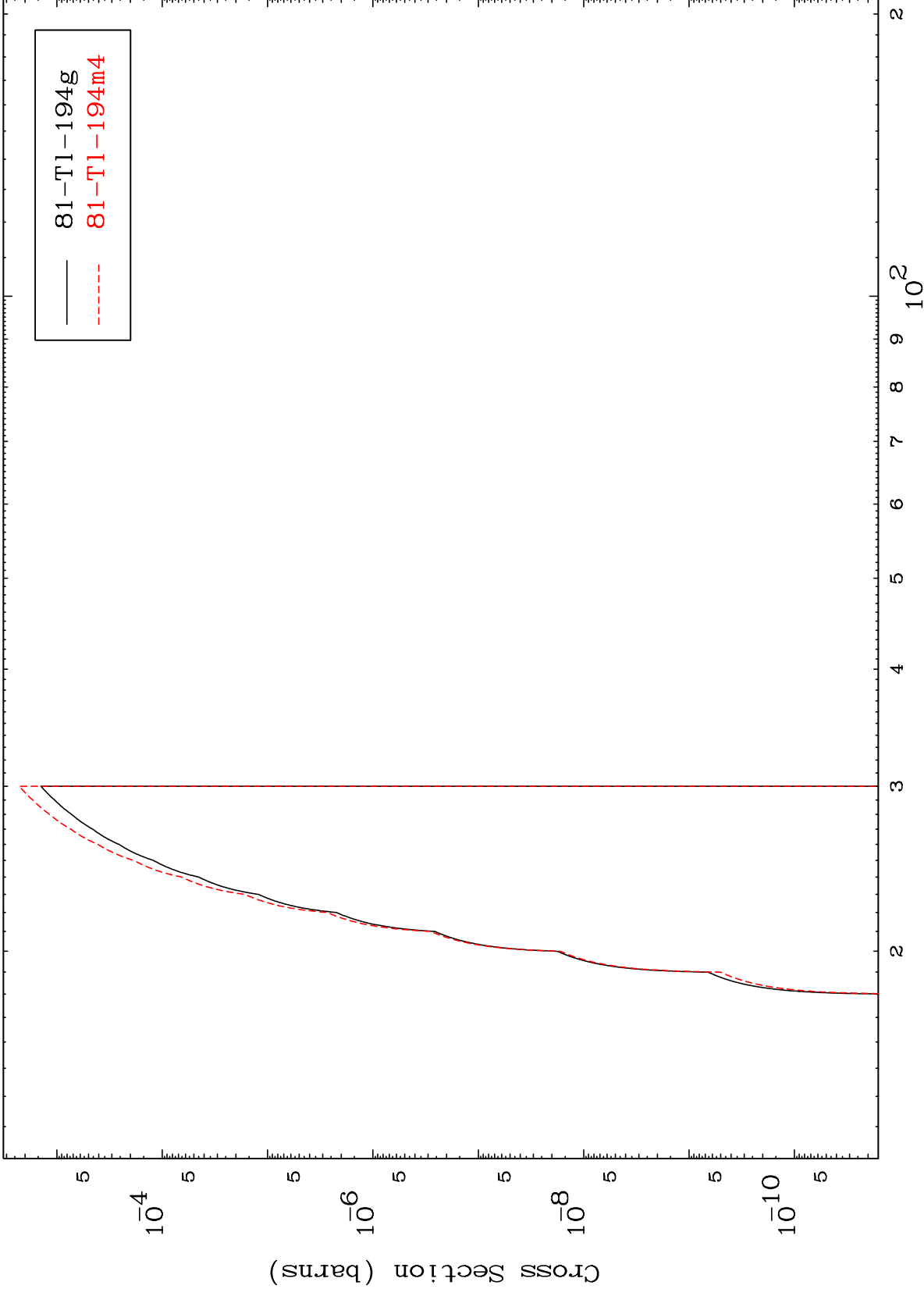


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Incident Energy (MeV)

82-Pb-197m

Radionuclide Production Cross Section

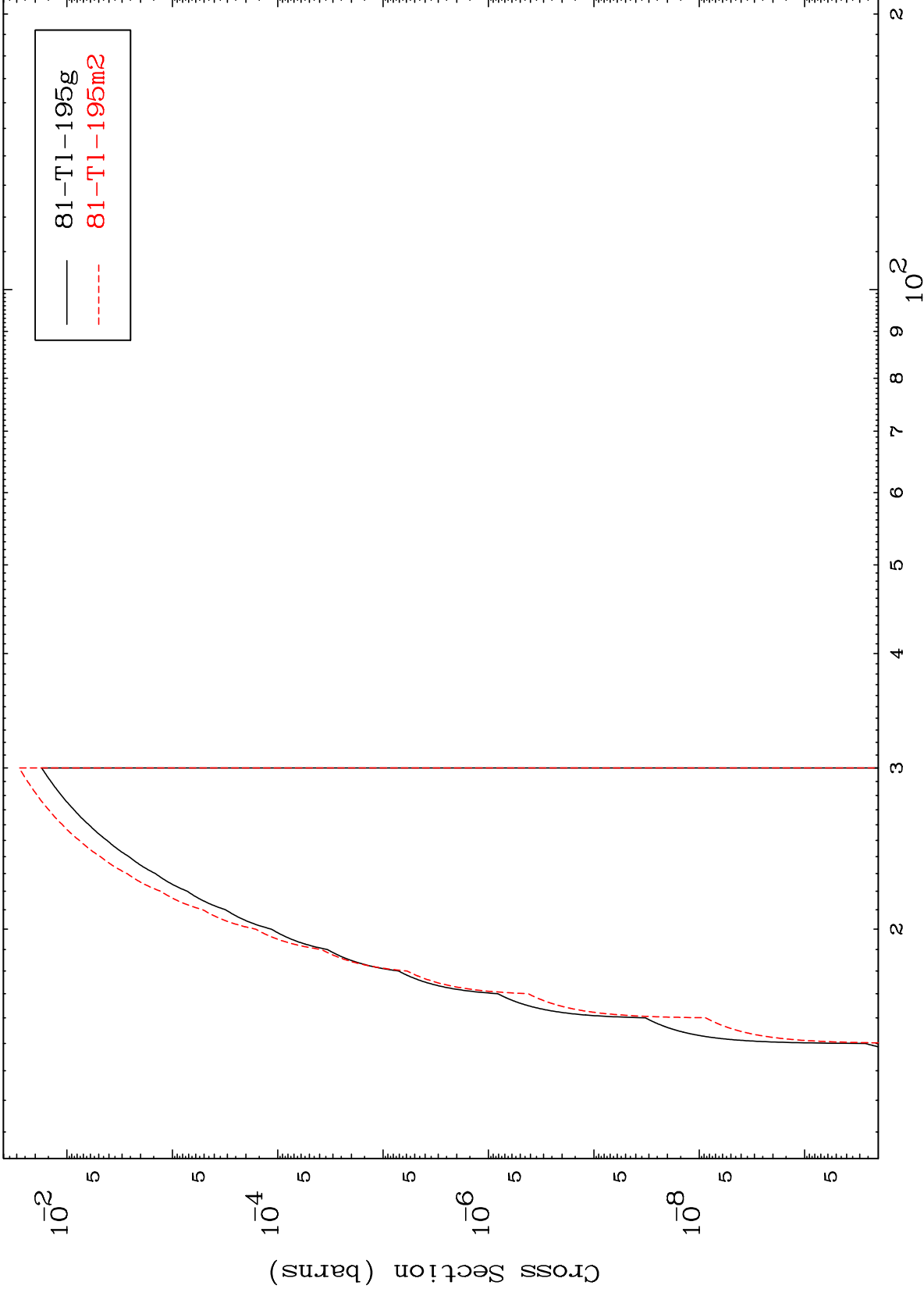


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(n,2n) p

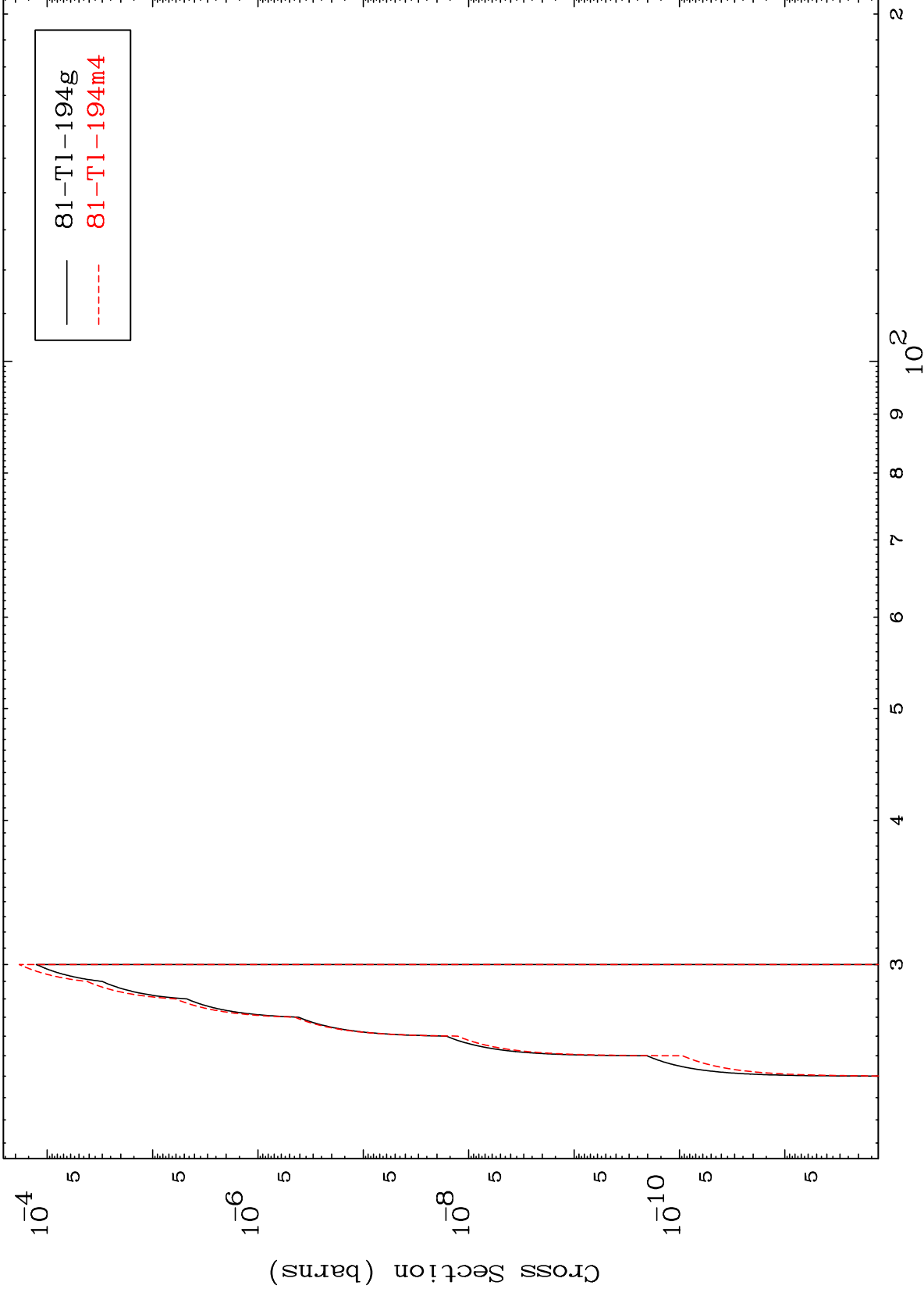
82-Pb-197m

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

Radionuclide Production Cross Section



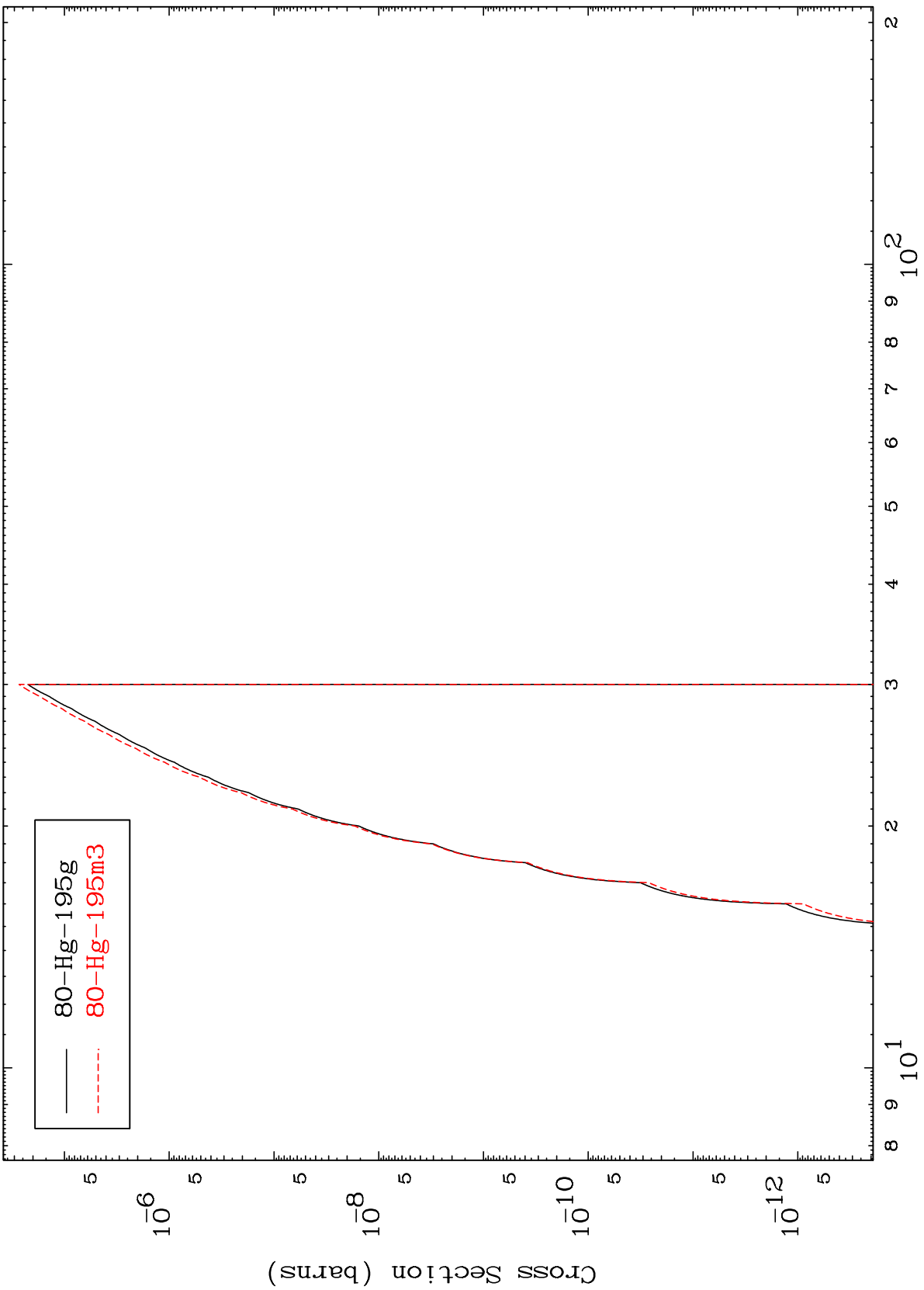
81-Tl-194g
81-Tl-194m4

MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

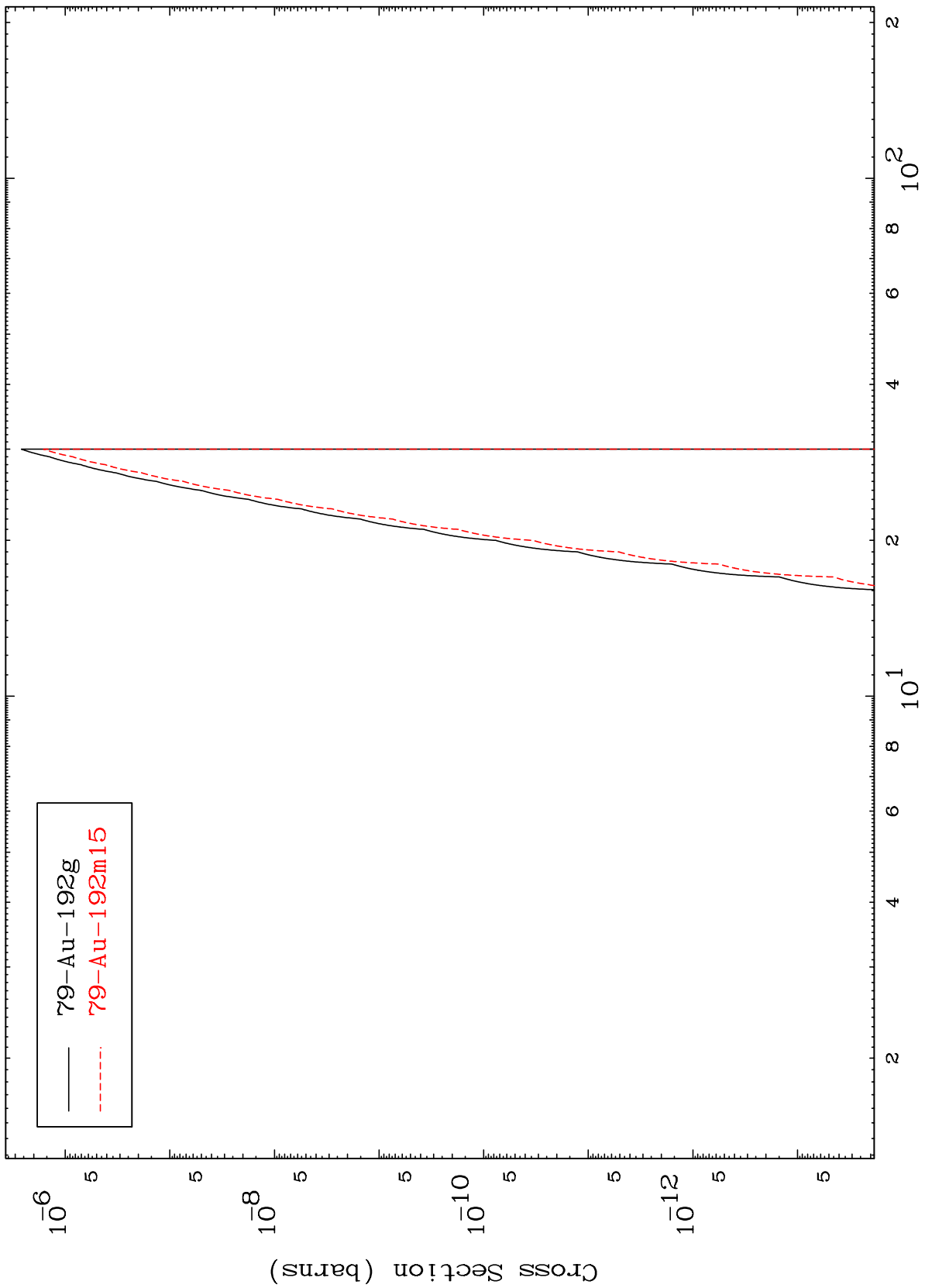
82-Pb-197m

MAT 8205

(n,n') p α

82-Pb-197m

Radionuclide Production Cross Section

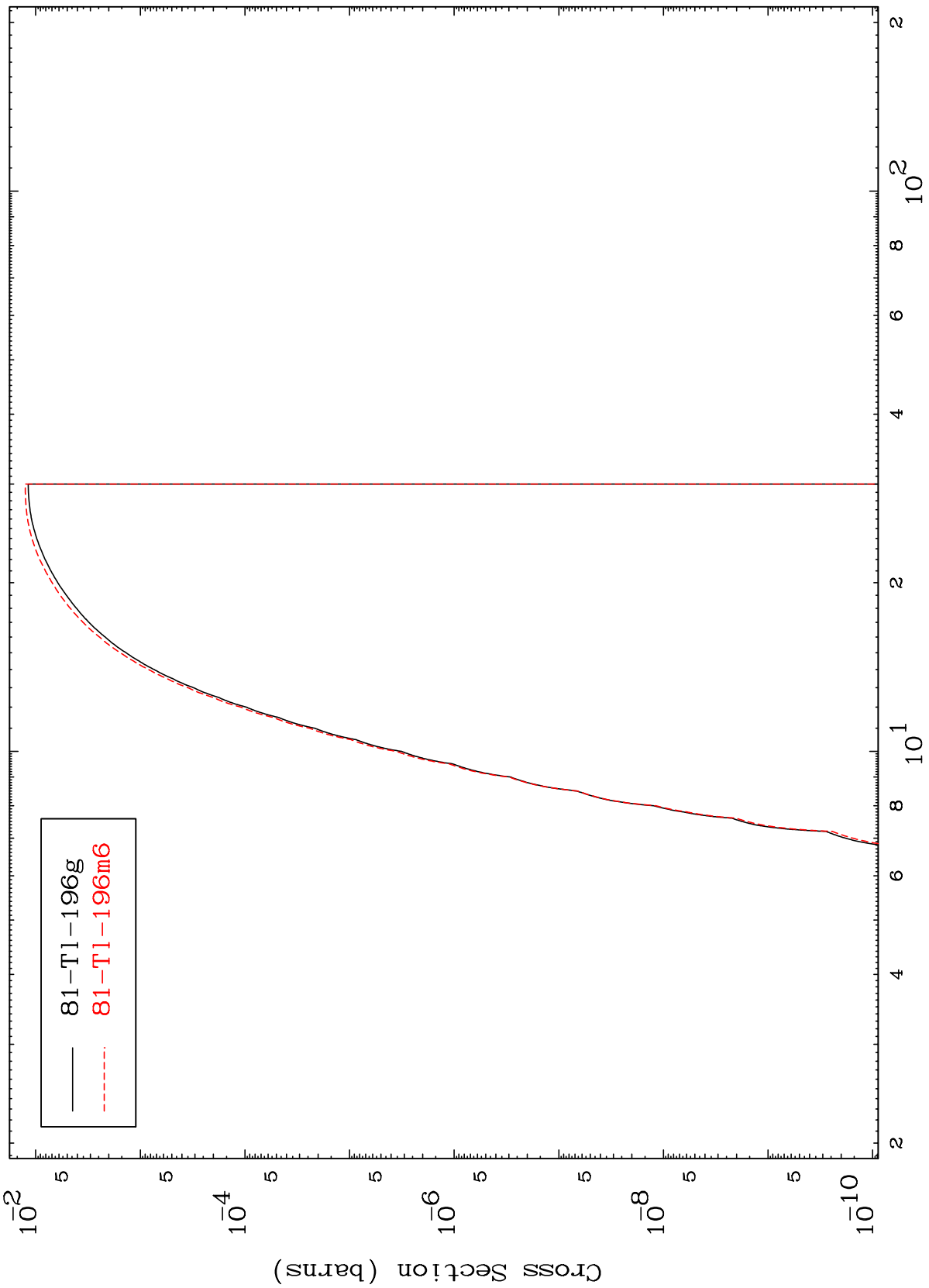


79-Au-192g
79-Au-192m15

MAT 8205

82-Pb-197m

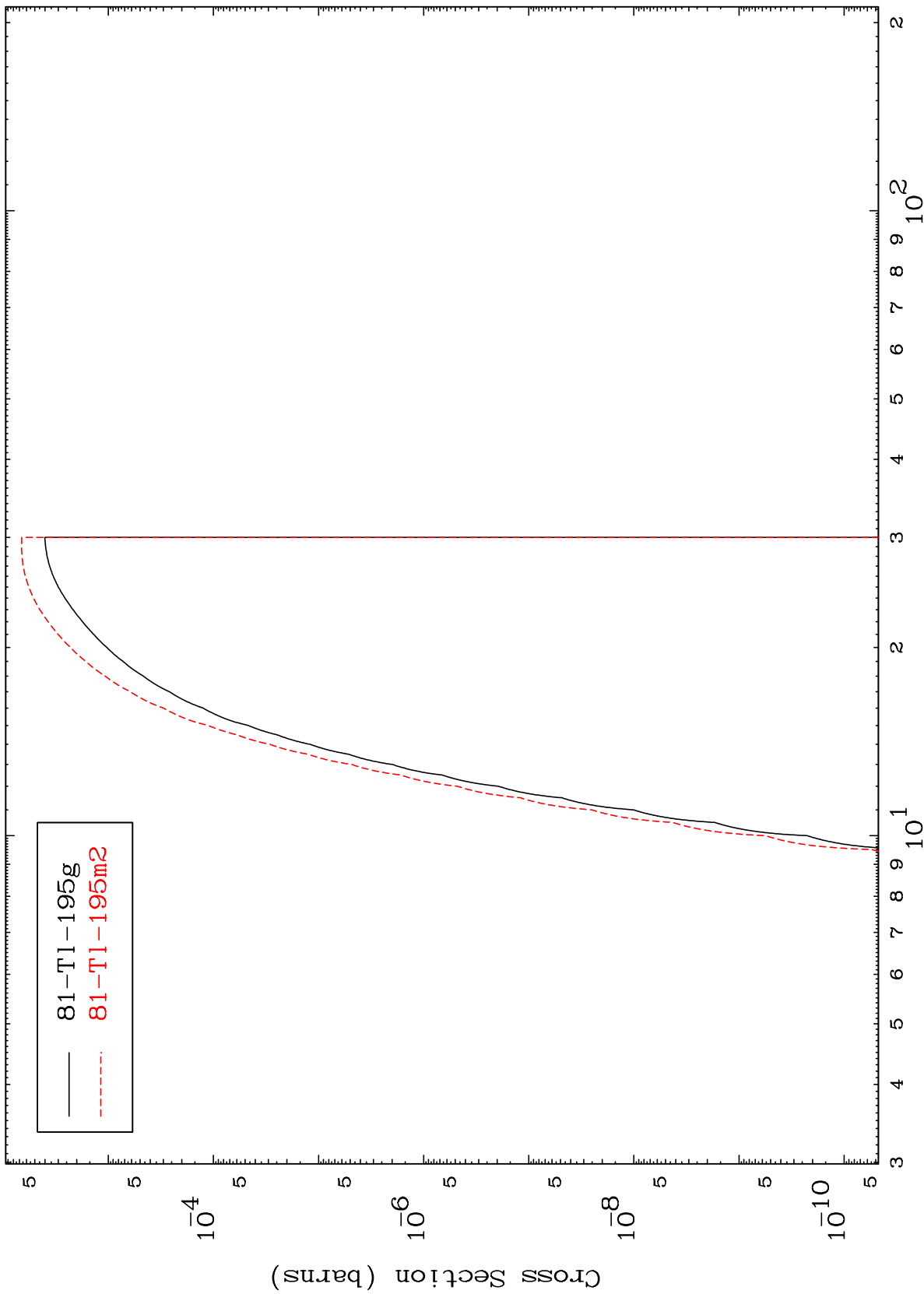
(n,d)
Radionuclide Production Cross Section



MAT 8205

82-Pb-197m

(n, t)
Radionuclide Production Cross Section



82-Pb-197m

Incident Energy (MeV)

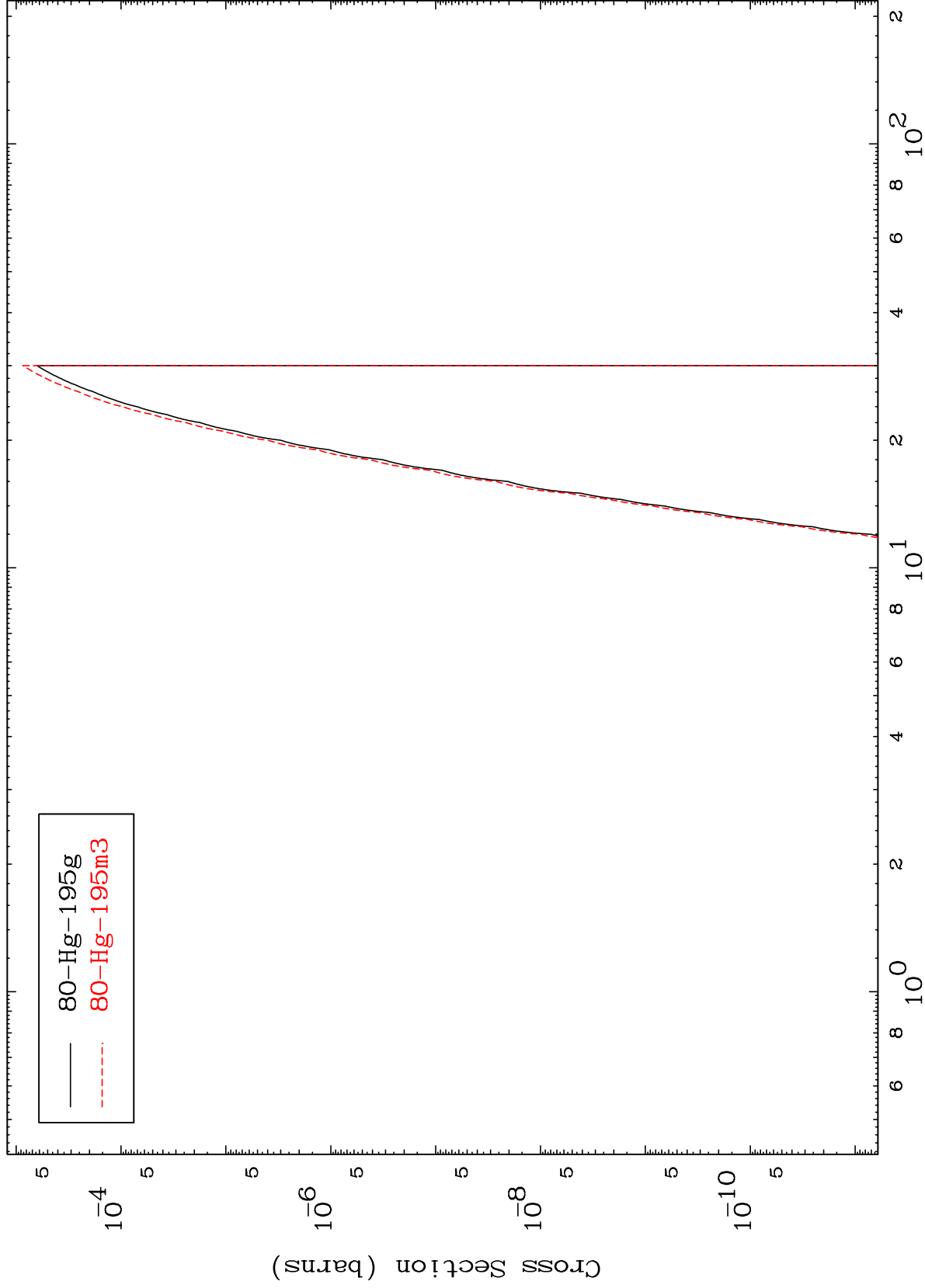
34

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(n,He-3)

82-Pb-197m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

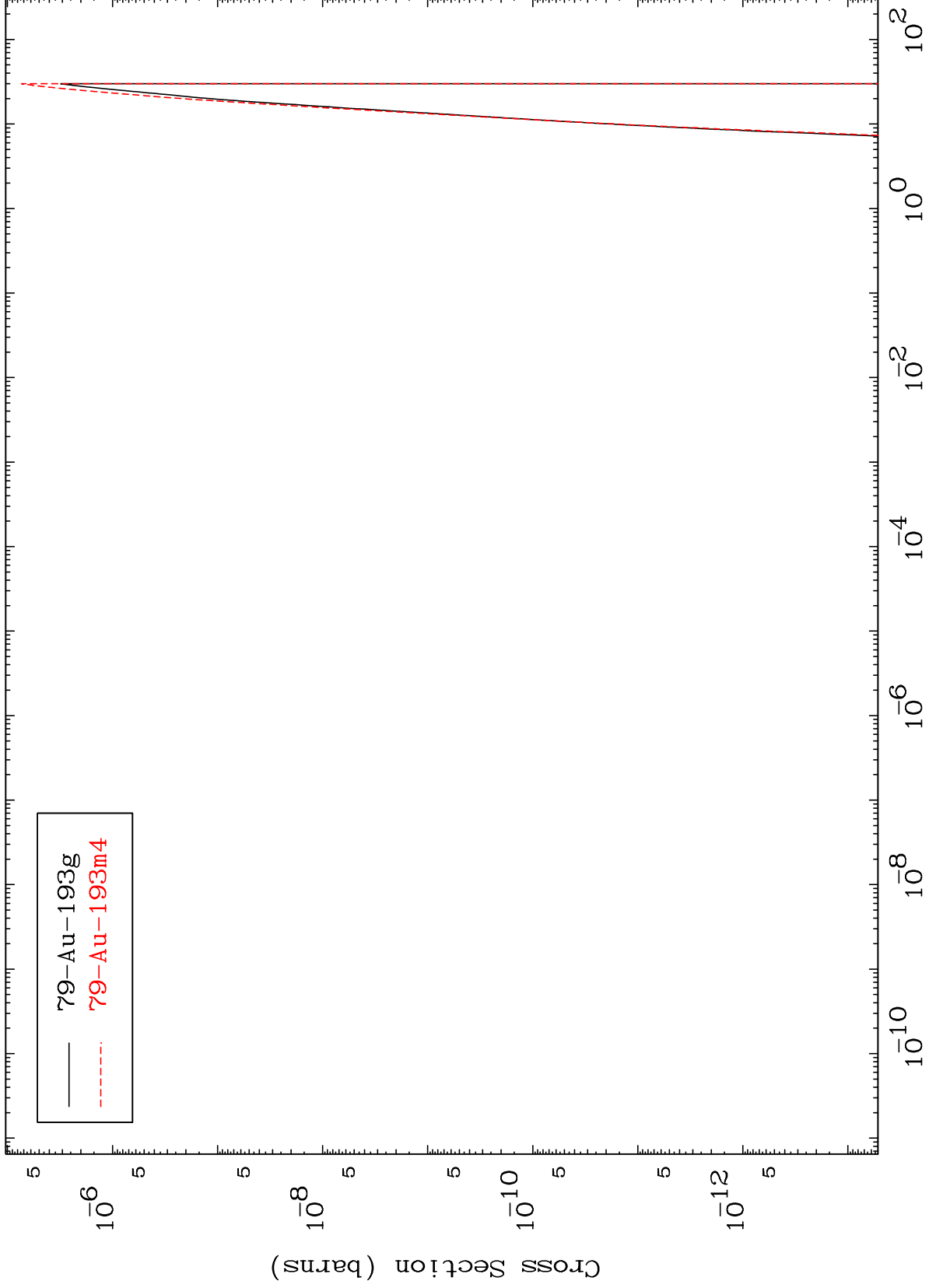
82-Pb-197m

MAT 8205

(n,p) α

82-Pb-197m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

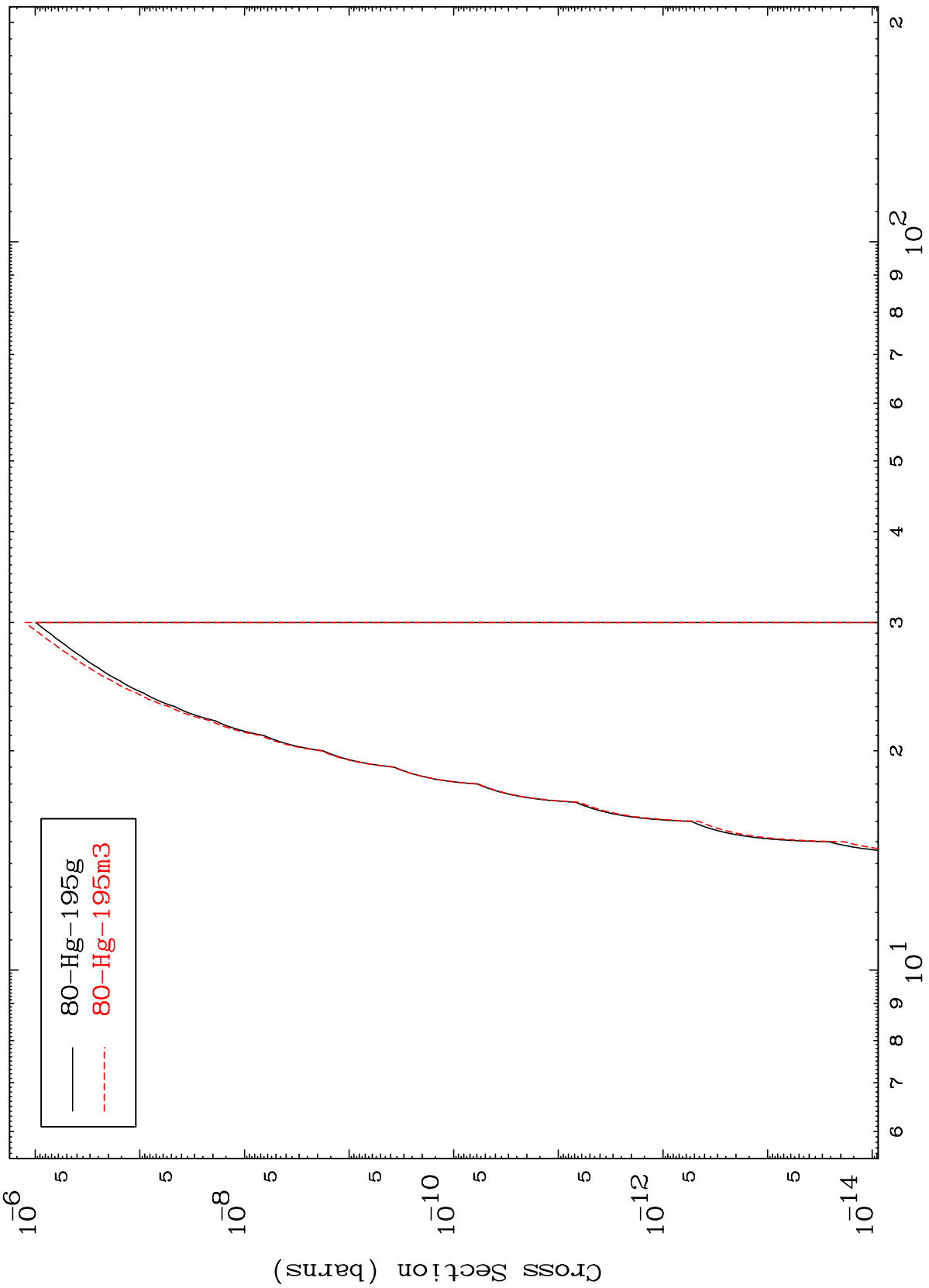
82-Pb-197m

MAT 8205

(n,p) d

82-Pb-197m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,d) α

82-Pb-197m

Radionuclide Production Cross Section

