

Program EVALPLOT
(Version 2021-1)

by

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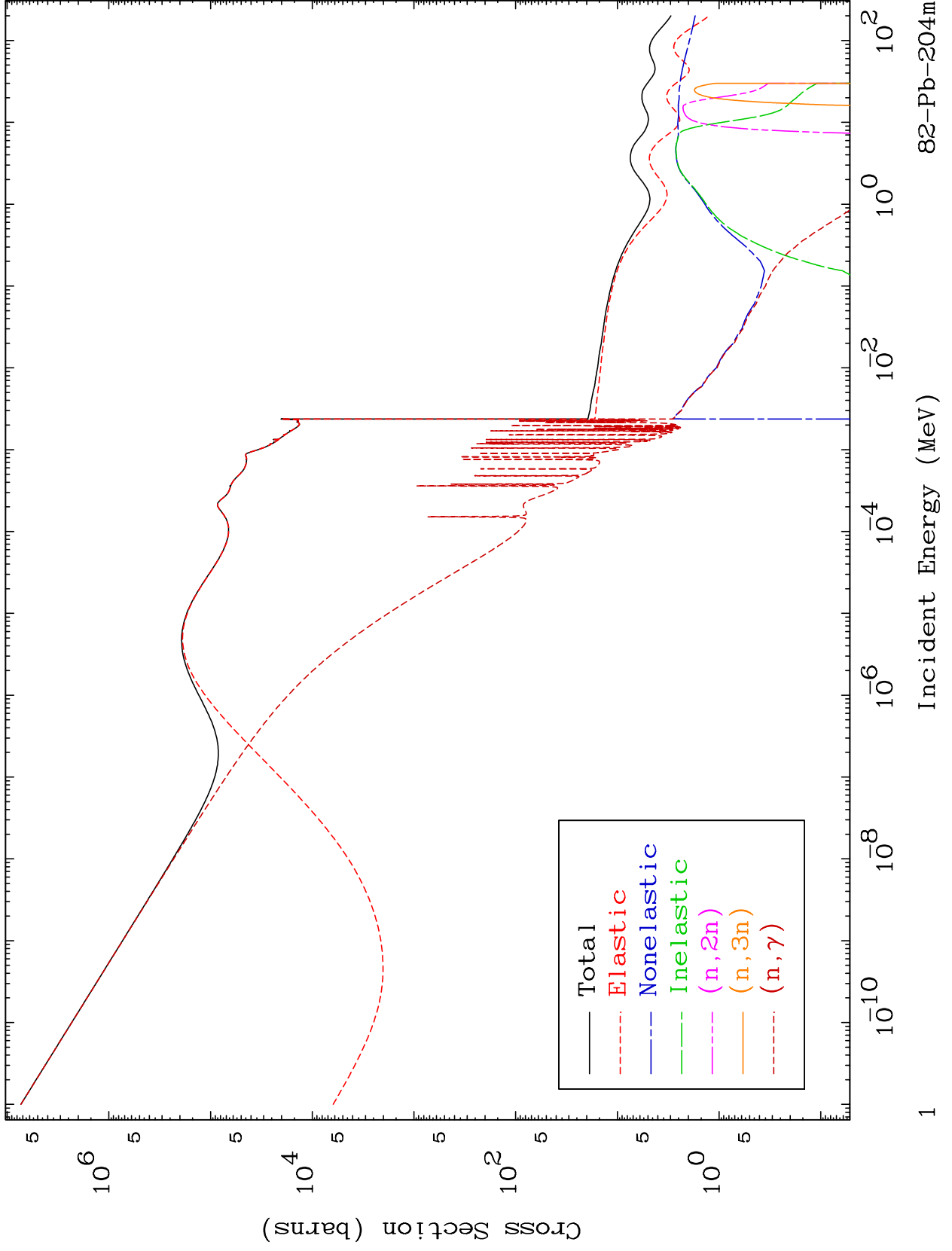
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8226

Neutron Major
293 Kelvin Cross Sections

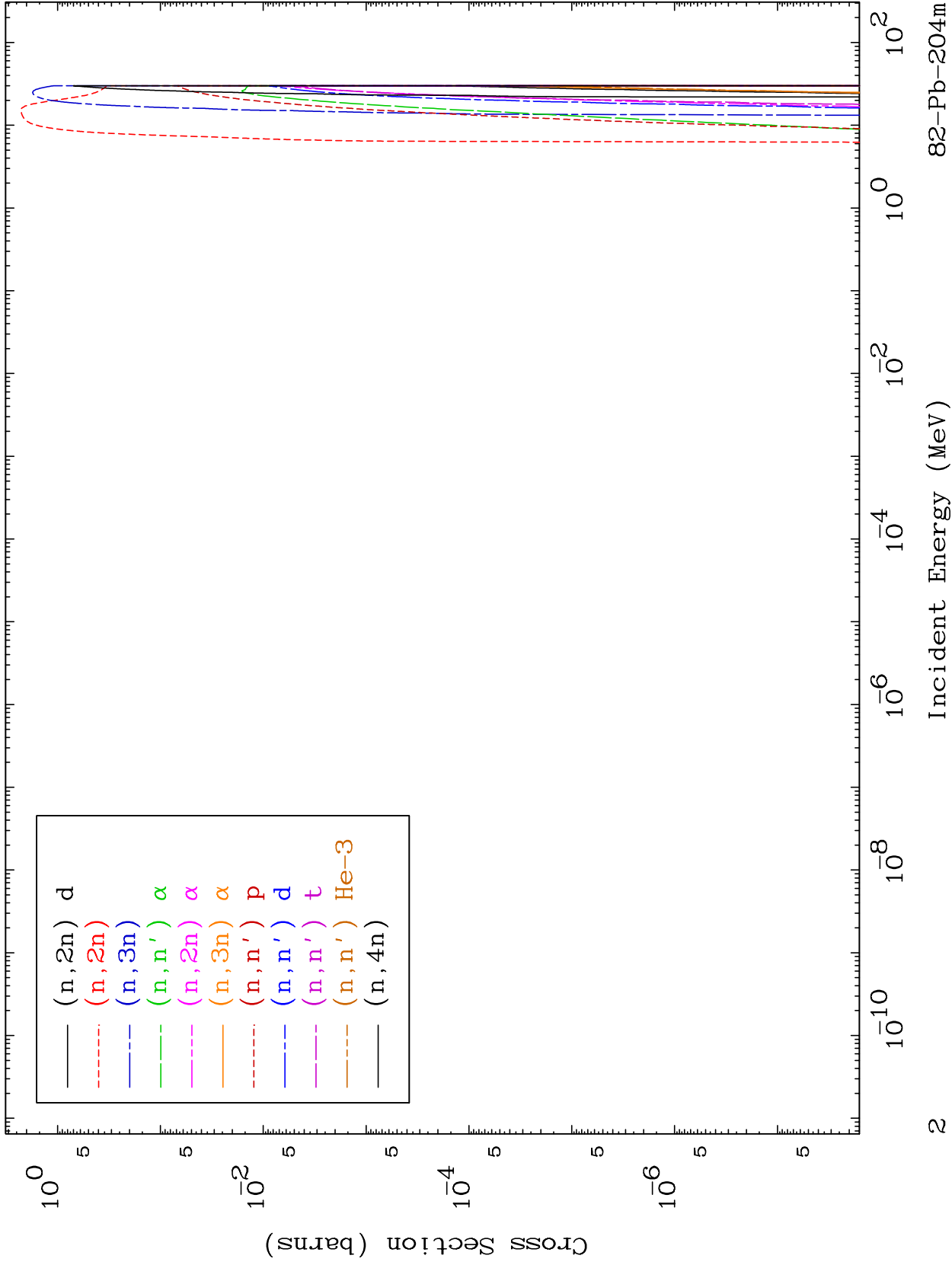
82-Pb-204m



MAT 8226

Neutron Absorption
293 Kelvin Cross Sections

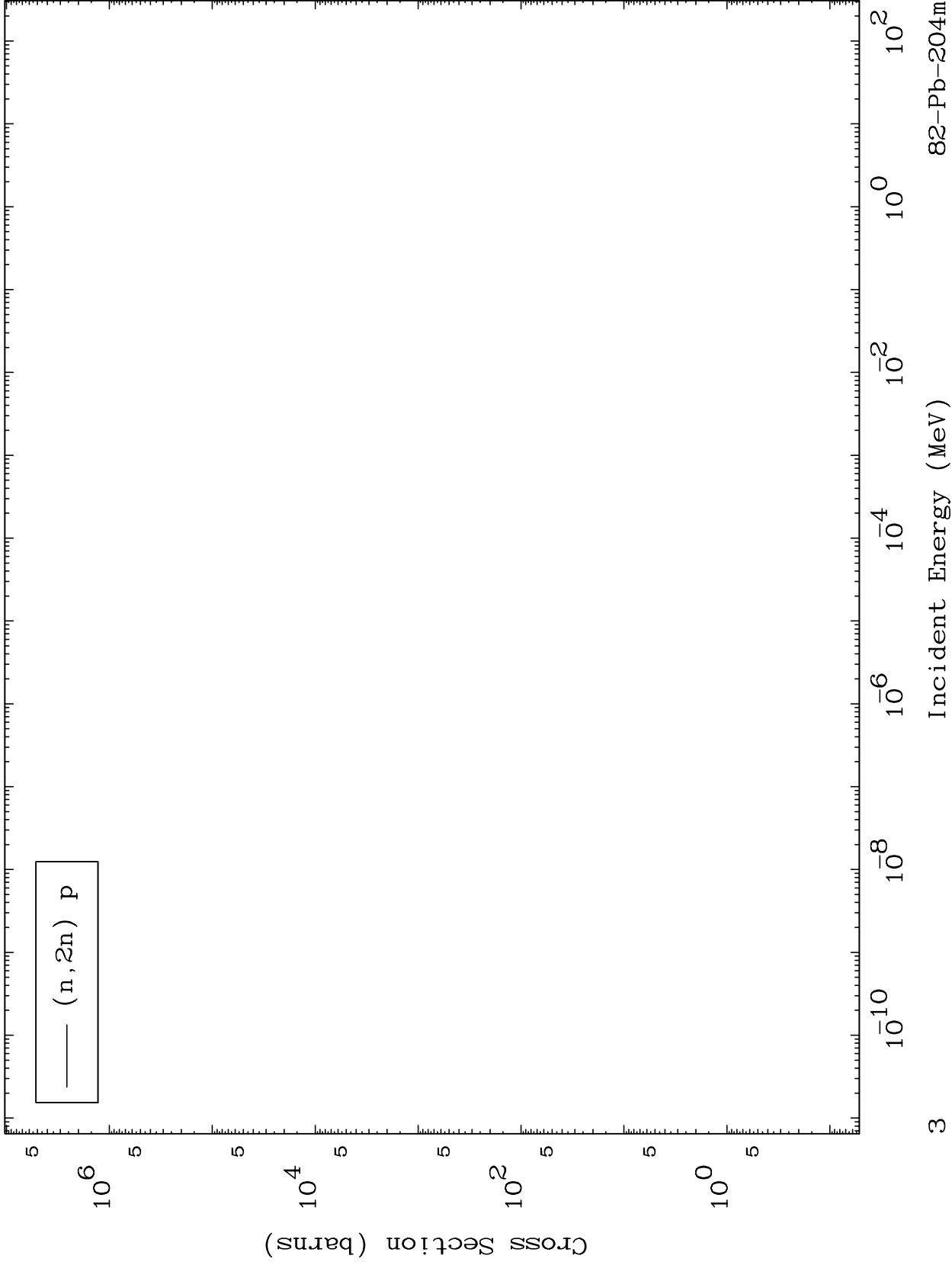
82-Pb-204m



MAT 8226

Neutron Absorption
293 Kelvin Cross Sections

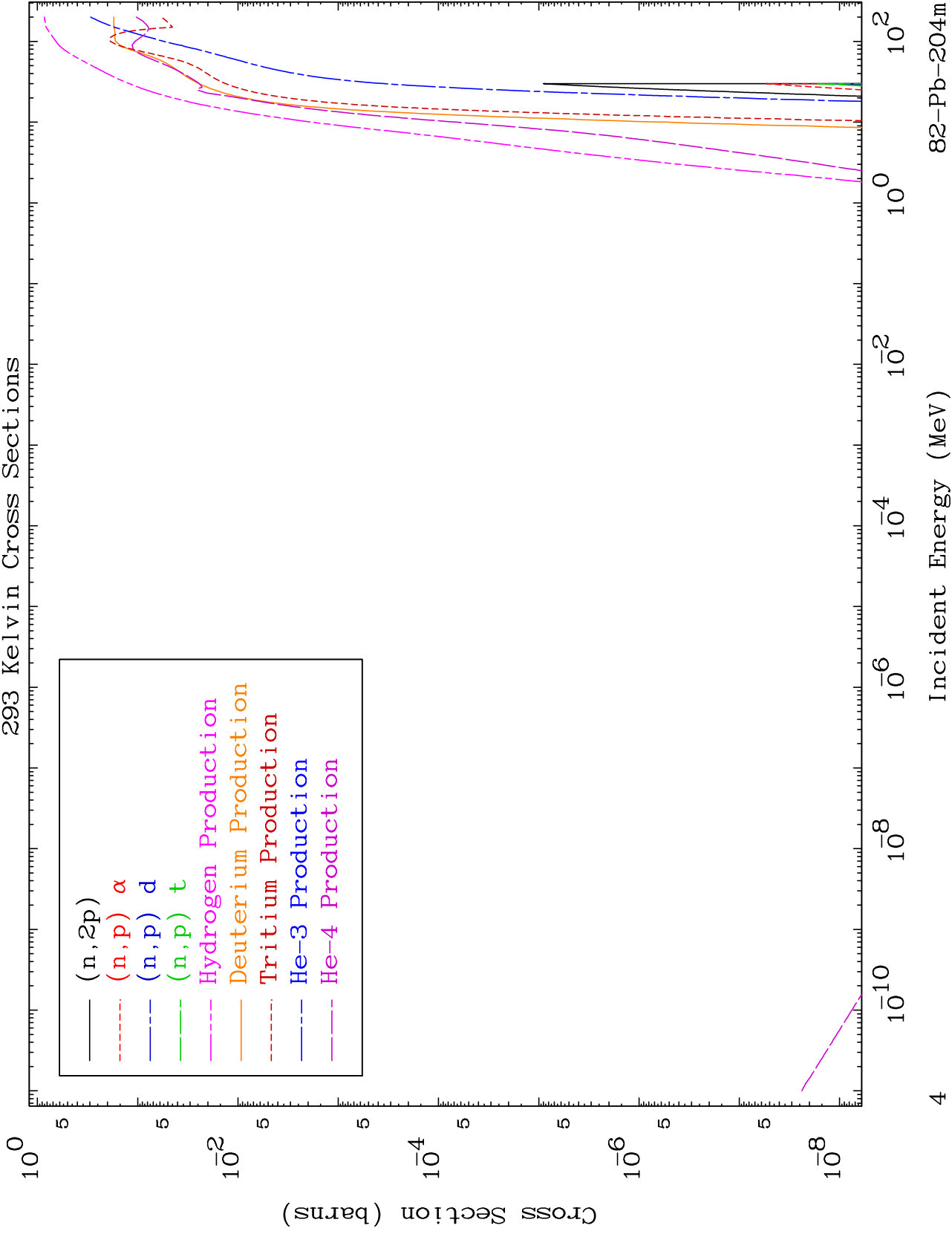
82-Pb-204m



MAT 8226

Neutron Absorption
293 Kelvin Cross Sections

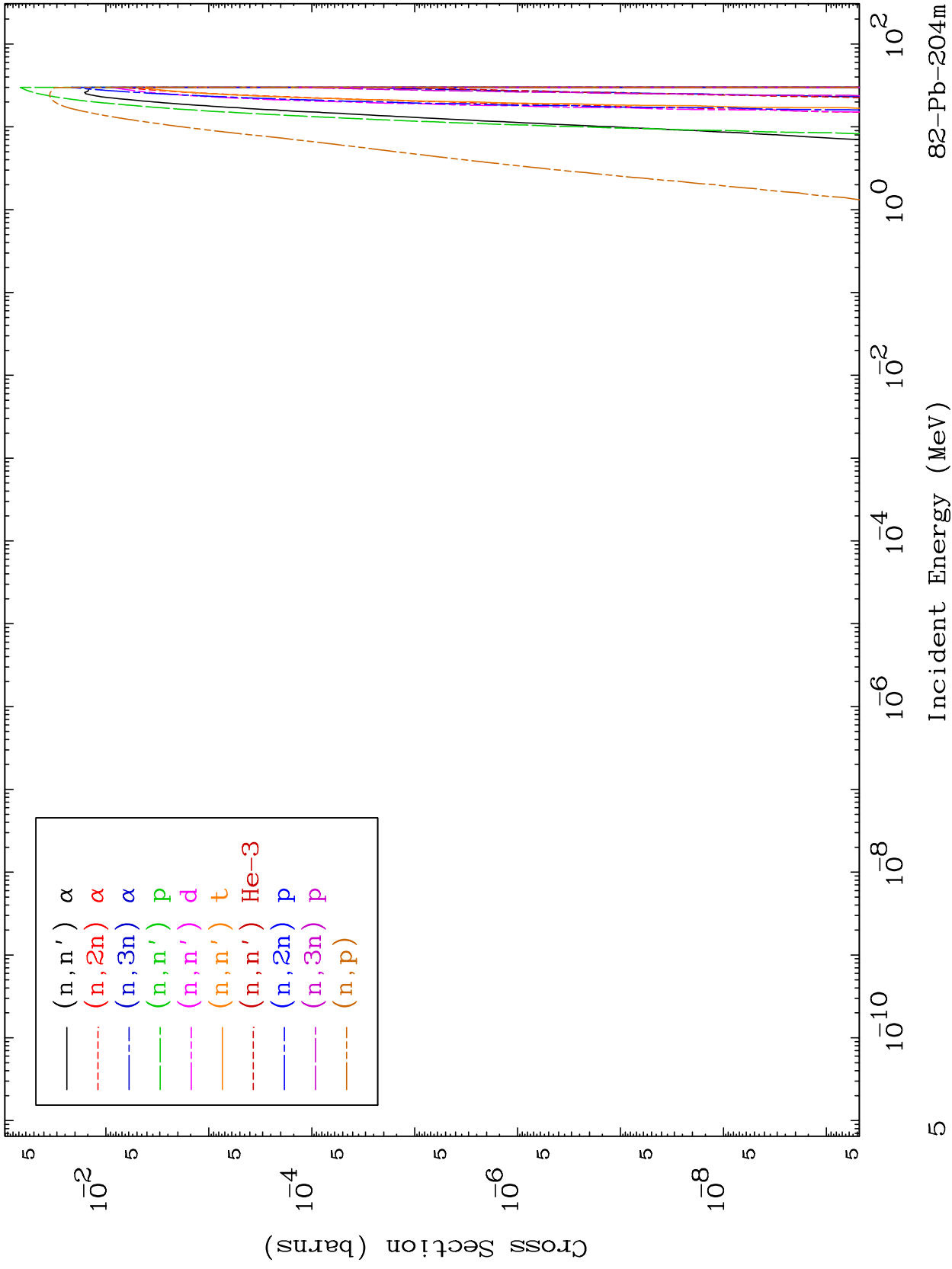
82-Pb-204m



MAT 8226

Charged Particle
293 Kelvin Cross Sections

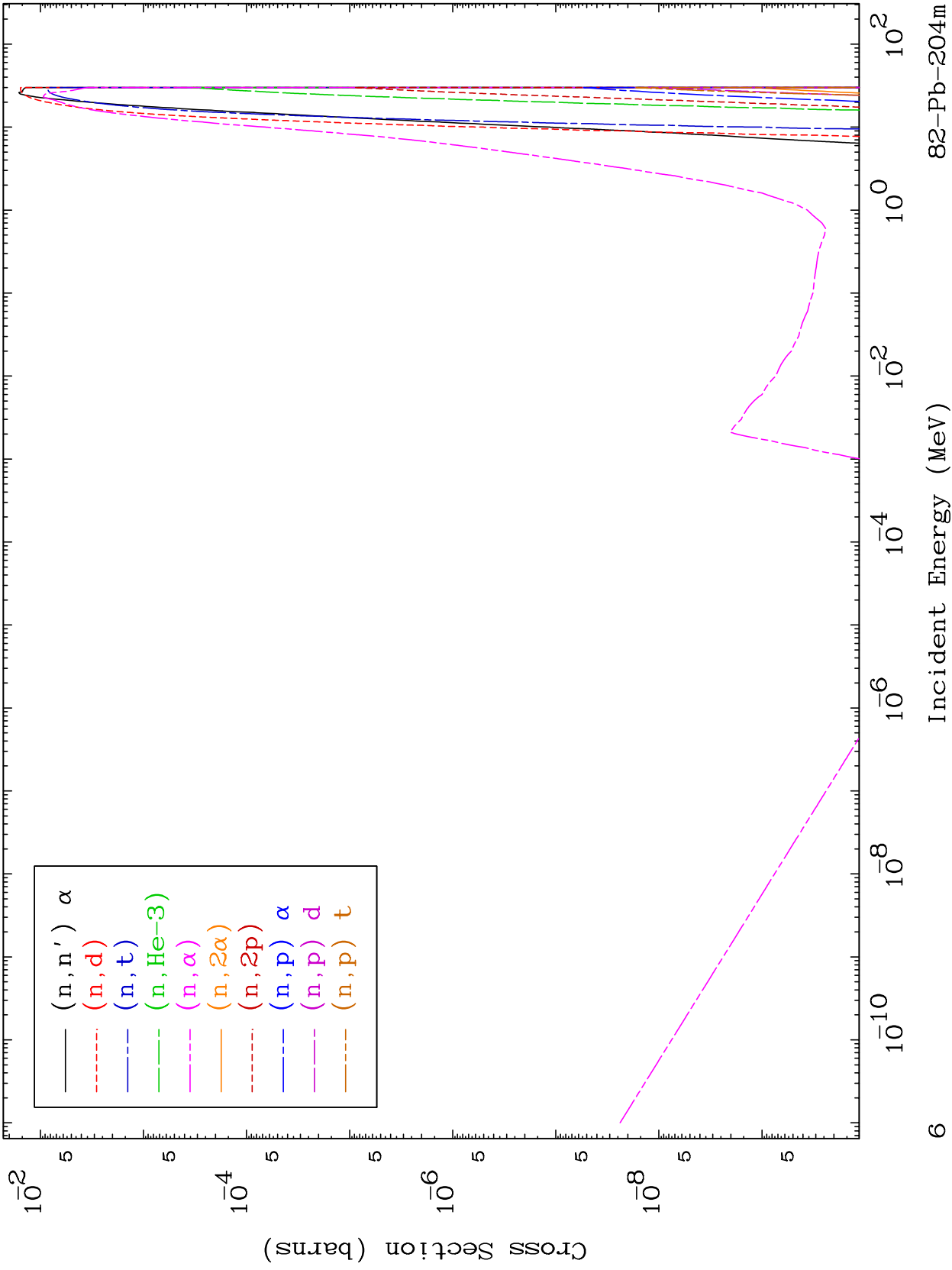
82-Pb-204m



MAT 8226

Charged Particle
293 Kelvin Cross Sections

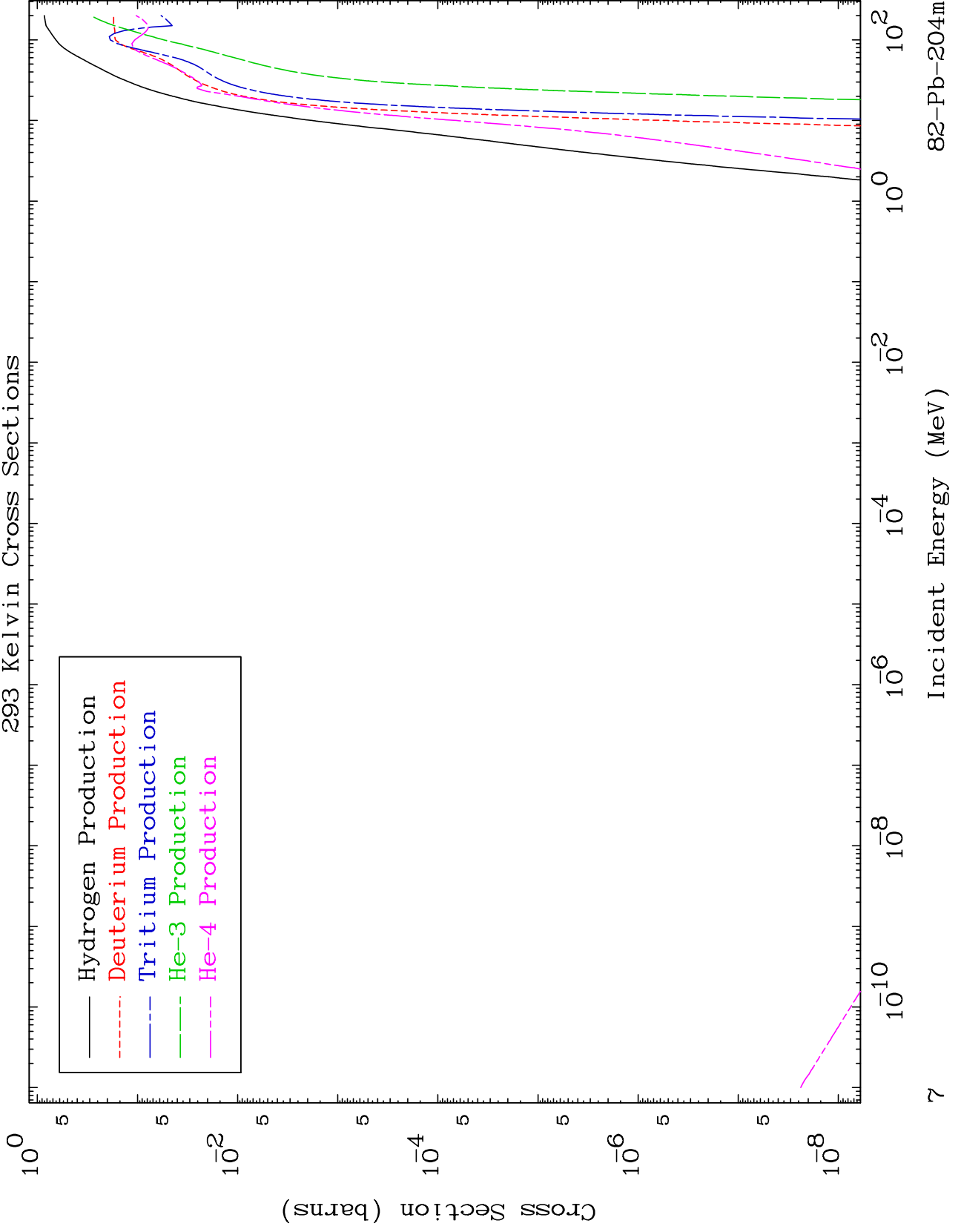
82-Pb-204m



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Particle Production
293 Kelvin Cross Sections

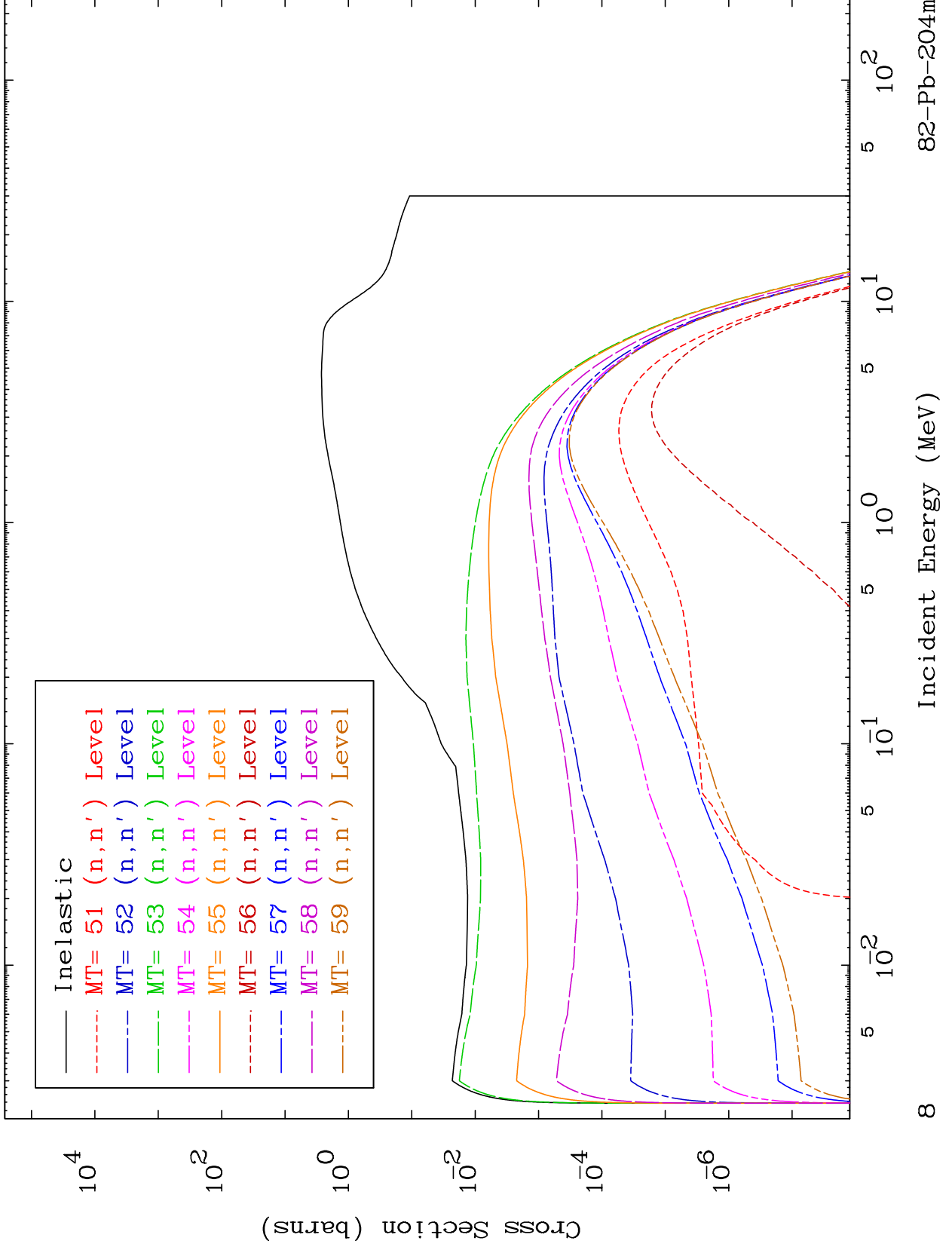
82-Pb-204m



MAT 8226

(n,n') Levels
293 Kelvin Cross Sections

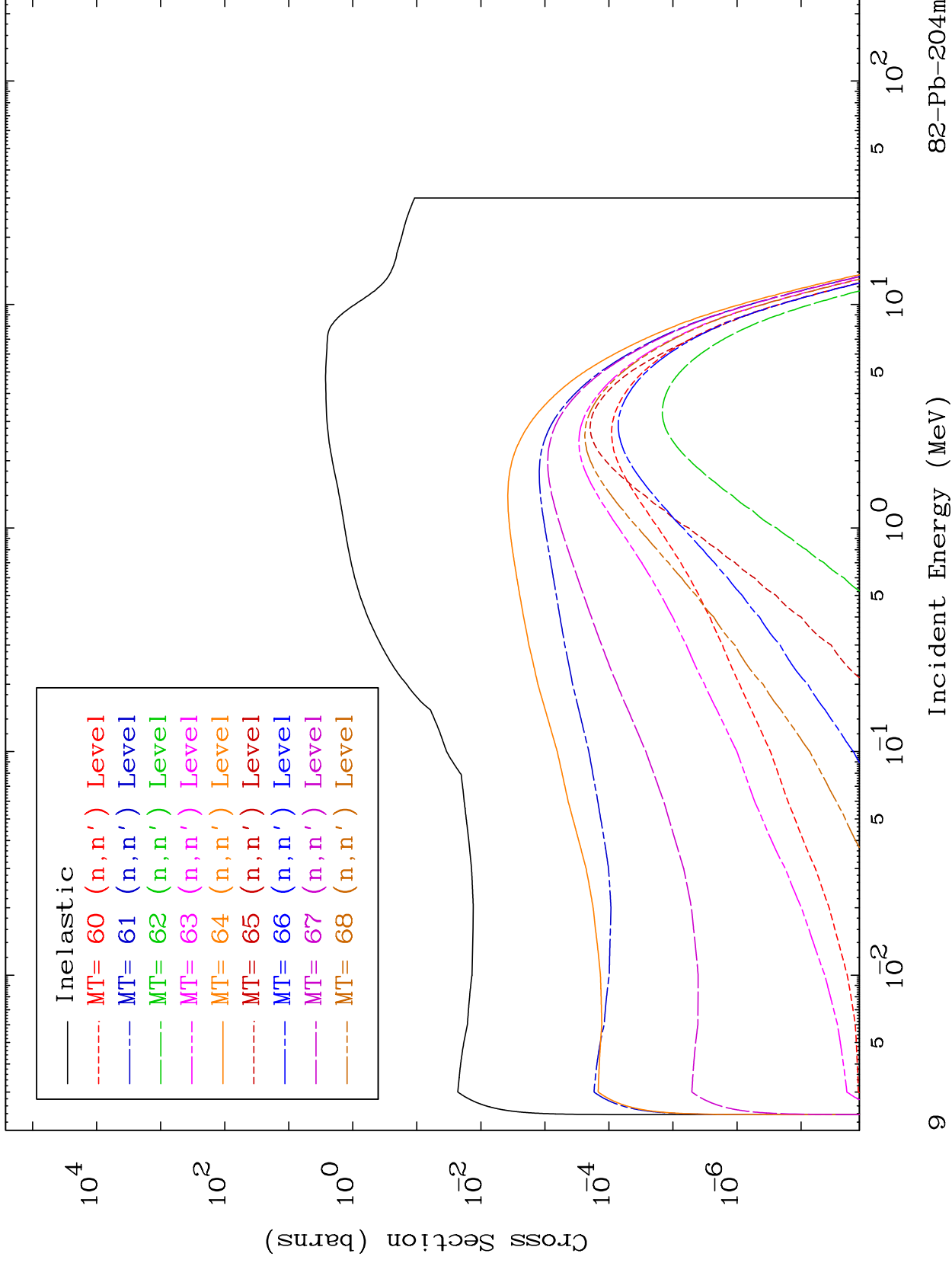
82-Pb-204m



MAT 8226

(n,n') Levels
293 Kelvin Cross Sections

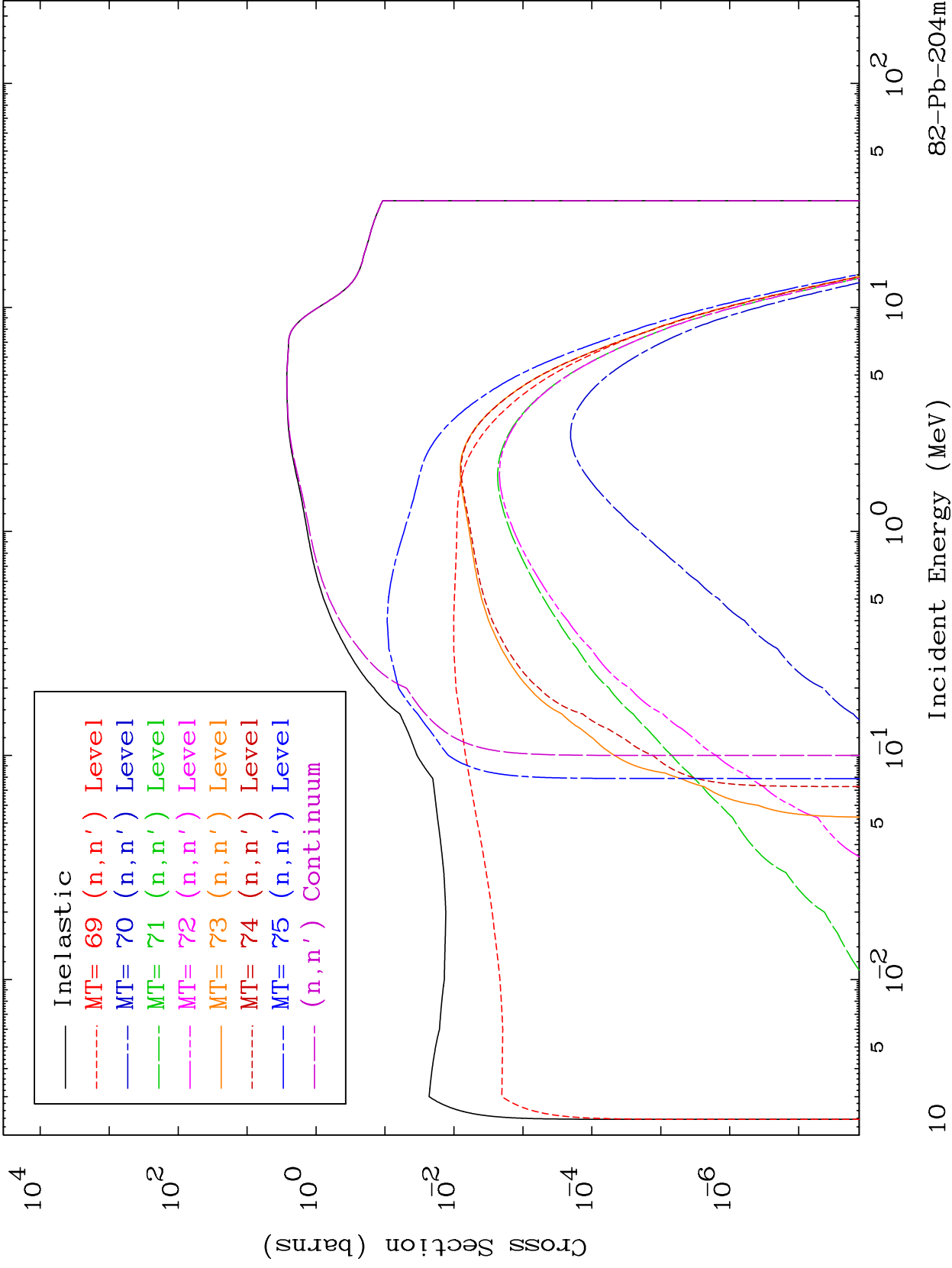
82-Pb-204m



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(n,n') Levels
293 Kelvin Cross Sections

82-Pb-204m

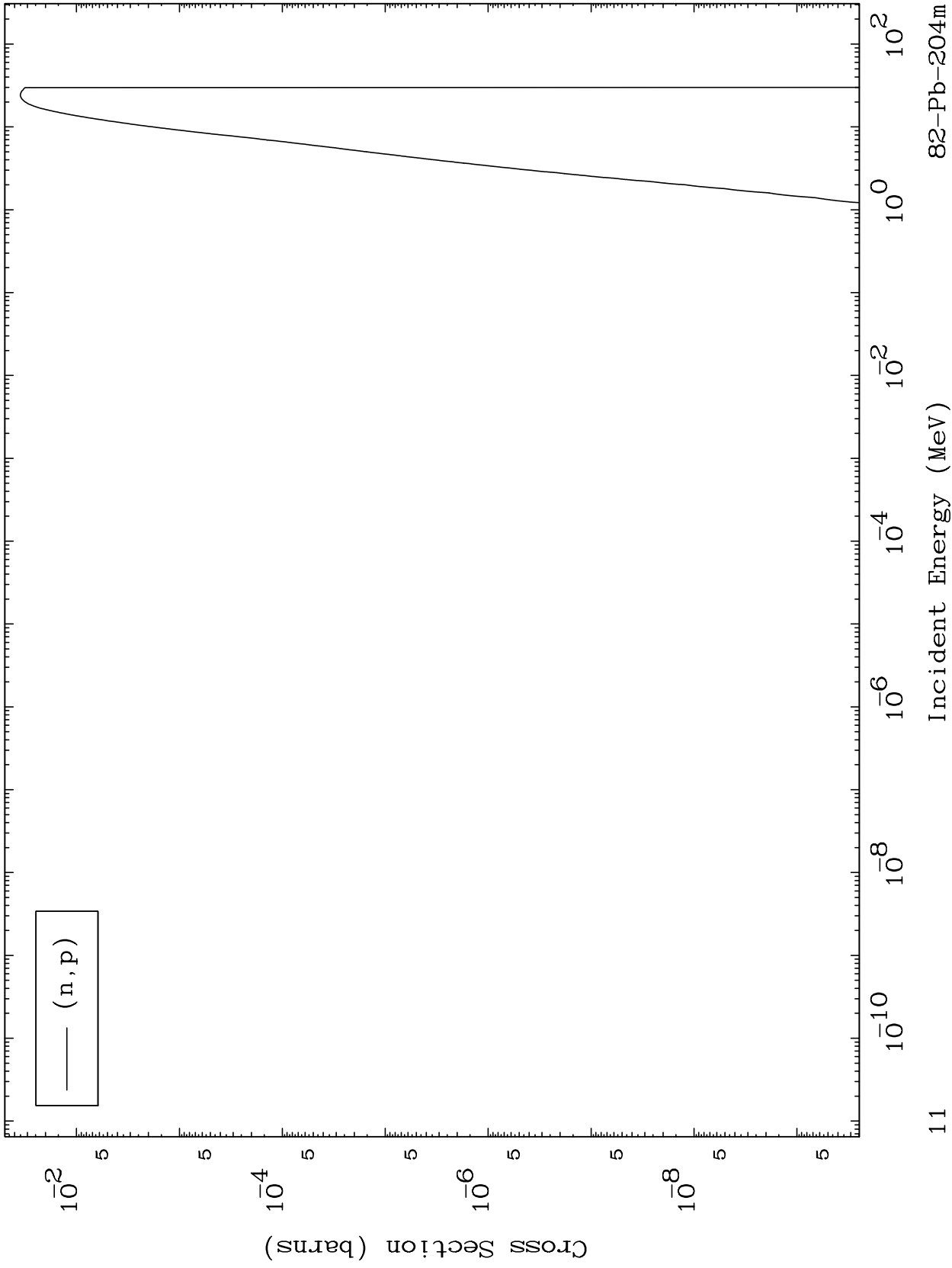


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(n,p) Levels
293 Kelvin Cross Sections

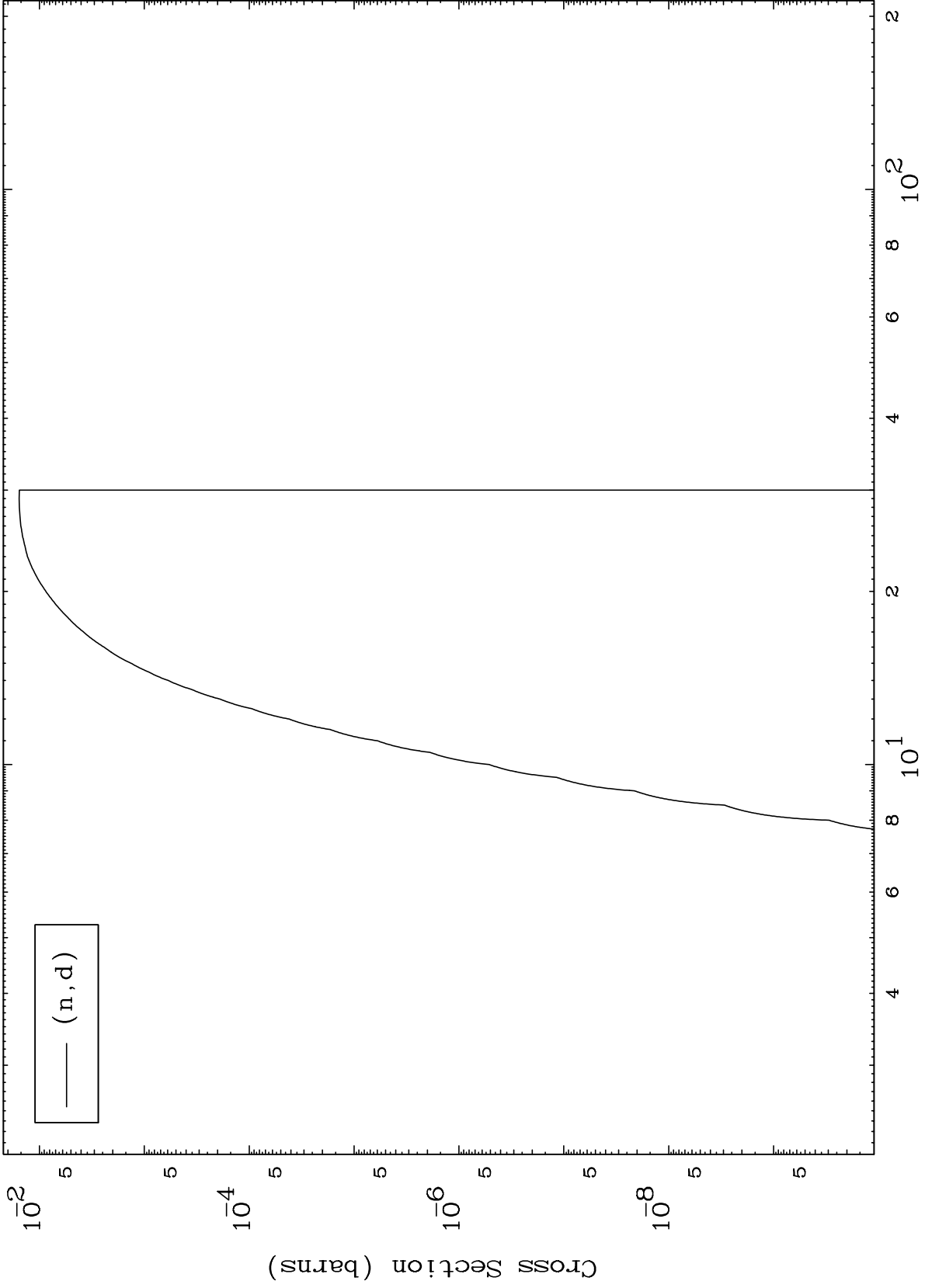
82-Pb-204m



MAT 82226

(n,d) Levels
293 Kelvin Cross Sections

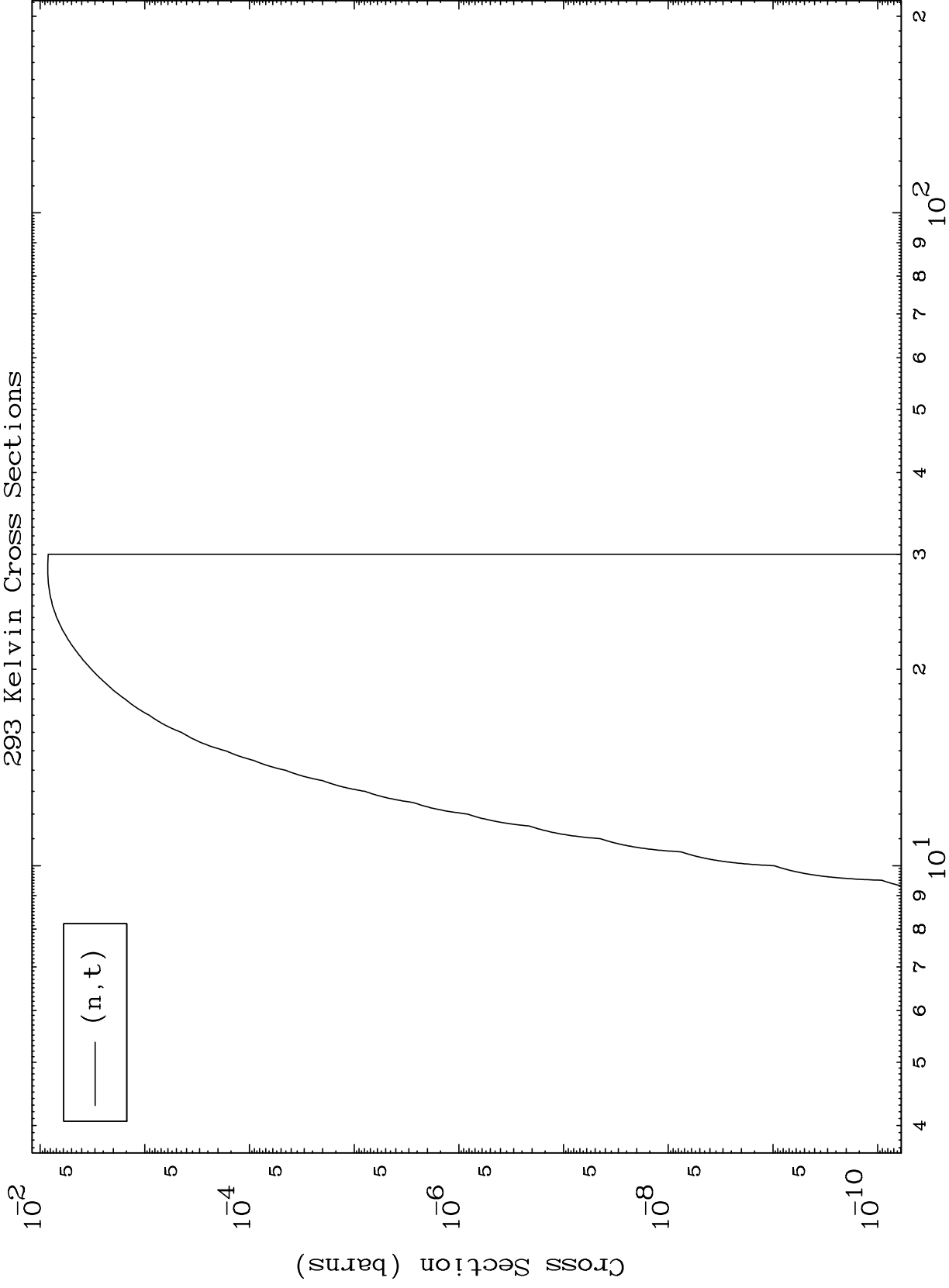
82-Pb-204m



MAT 8226

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-204m



13

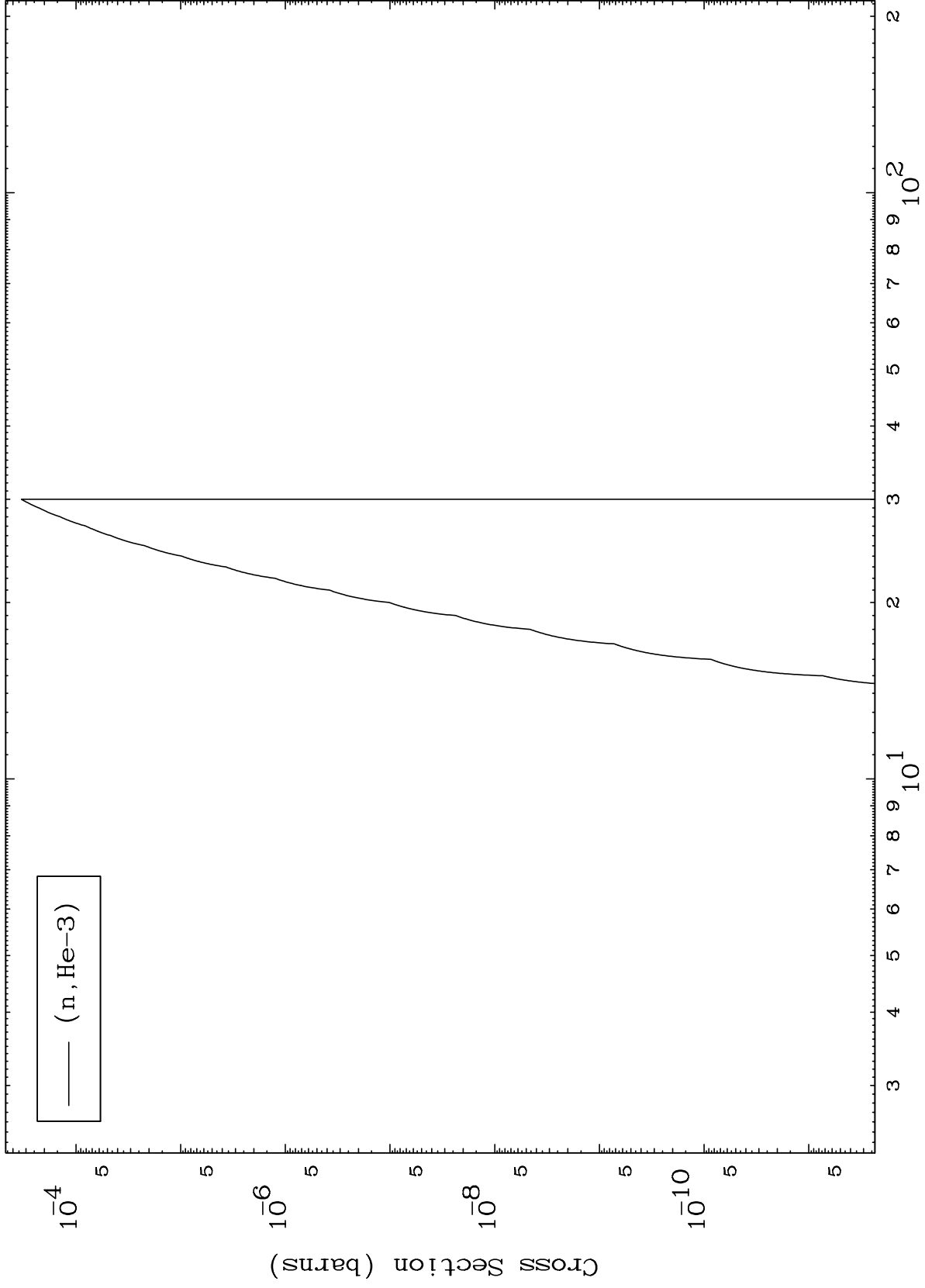
Incident Energy (MeV)

82-Pb-204m

MAT 8226

(n,He3) Levels
293 Kelvin Cross Sections

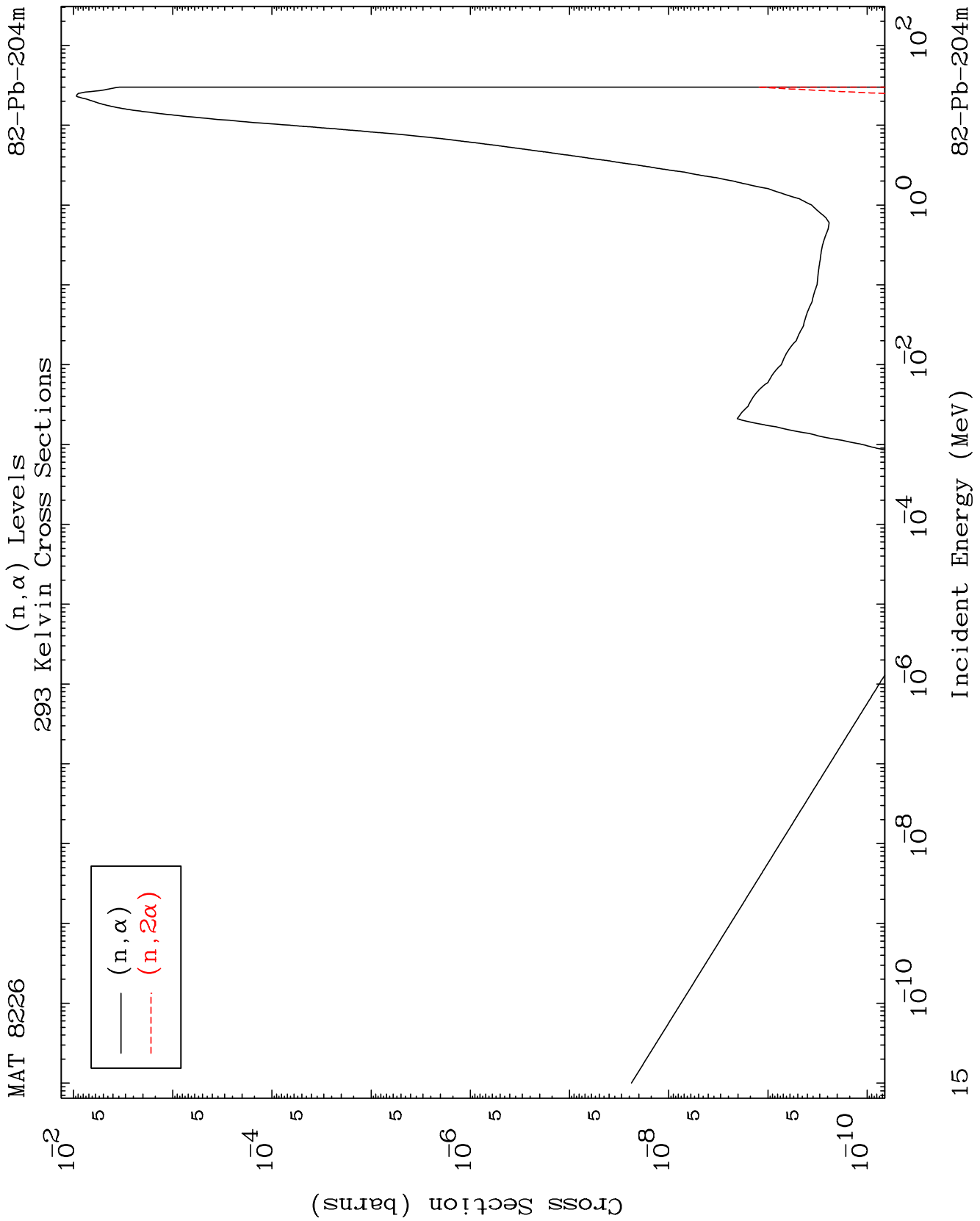
82-Pb-204m

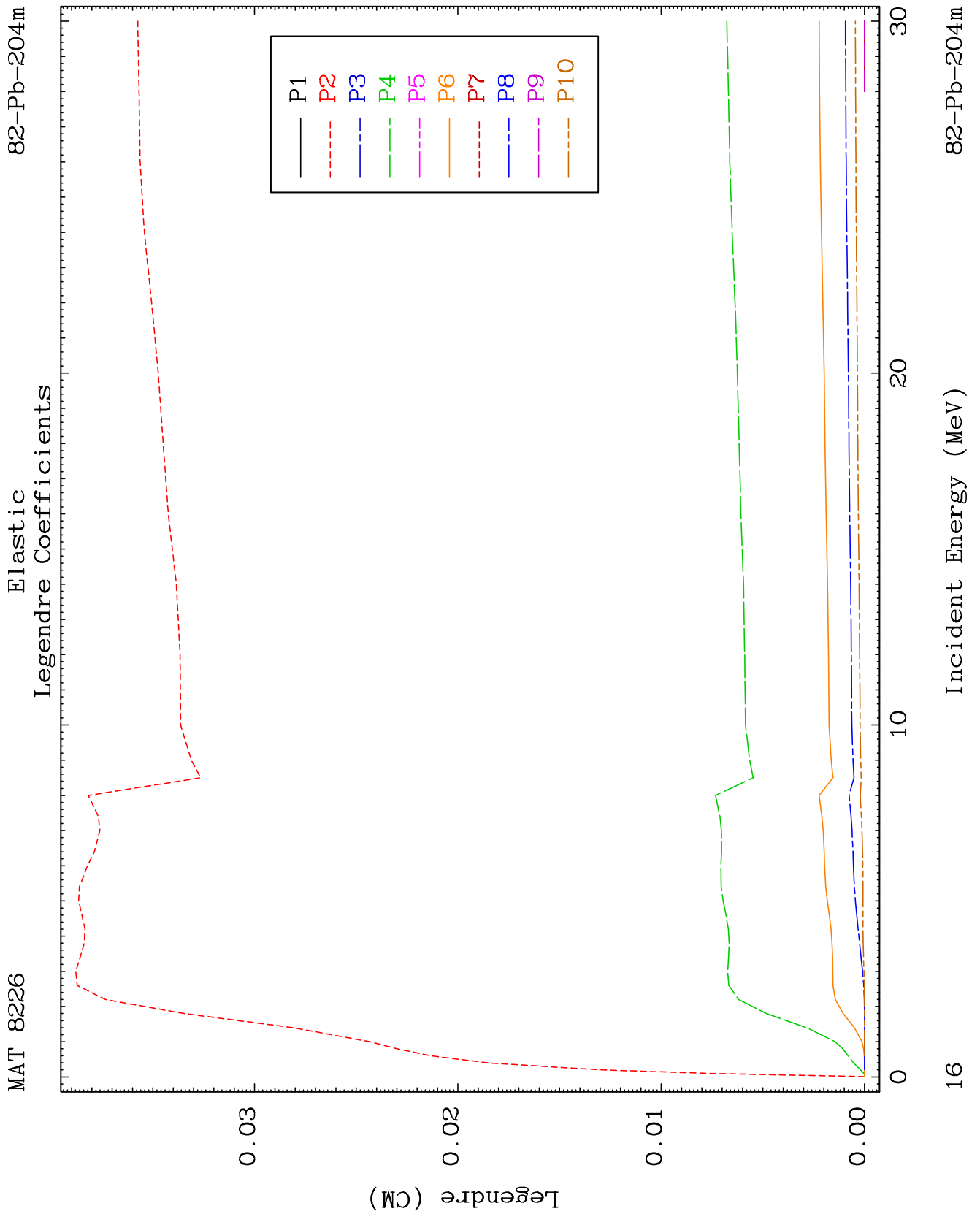


14

Incident Energy (MeV)

82-Pb-204m

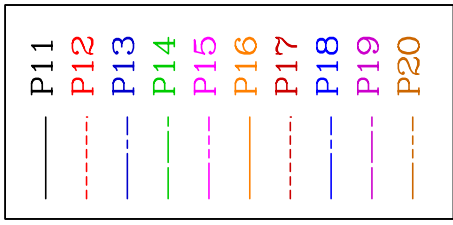




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Elastic Legendre Coefficients

82-Pb-204m



$\times 10^{-4}$

Legendre (CM)



30

25

20

15

10

5

17

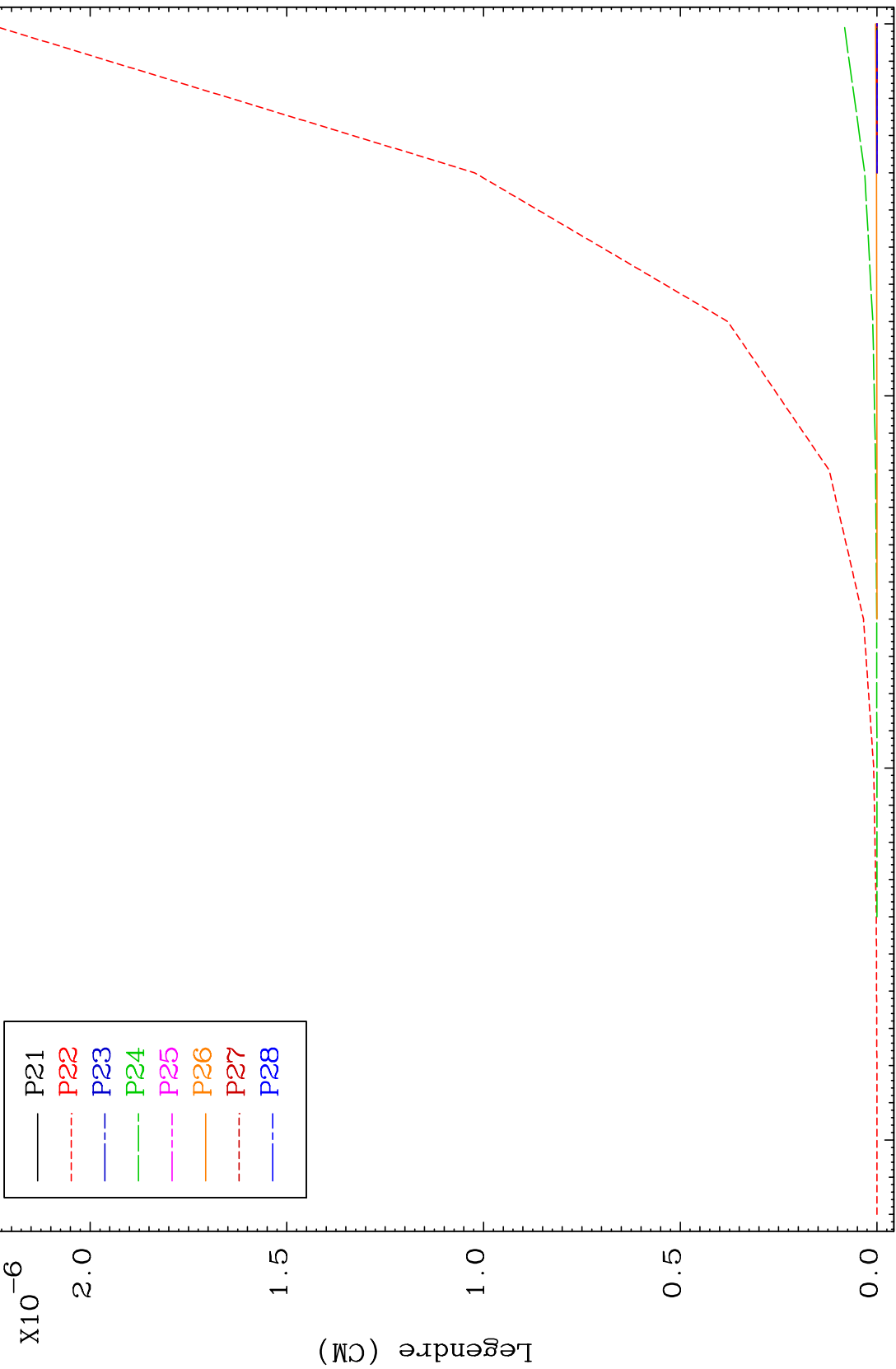
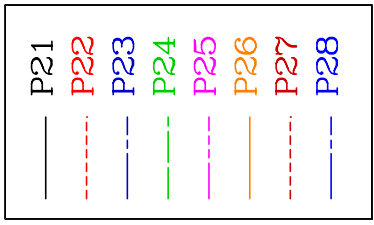
Incident Energy (MeV)

82-Pb-204m

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Elastic Legendre Coefficients

82-Pb-204m



18

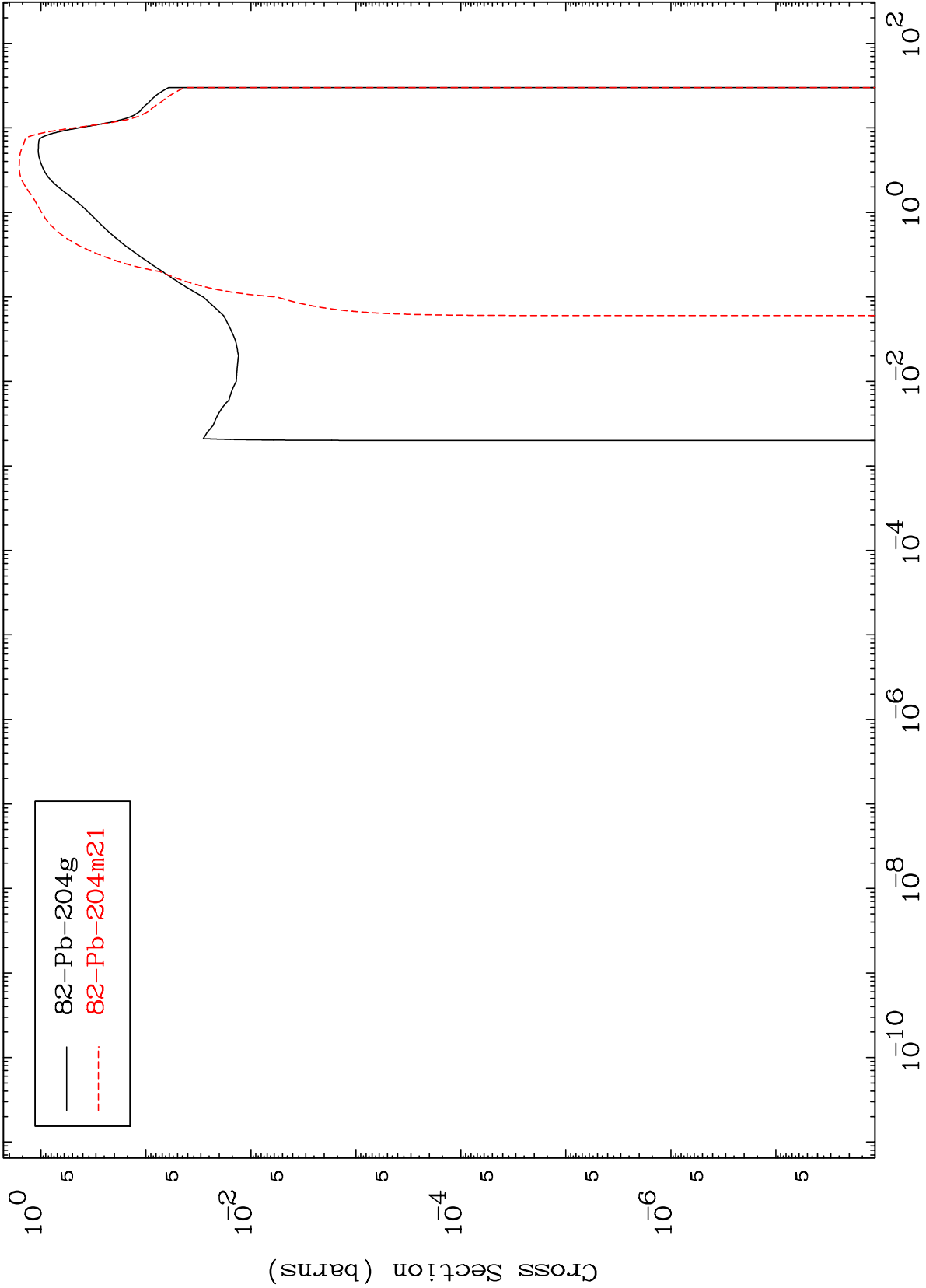
Incident Energy (MeV)

82-Pb-204m

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Inelastic
Radionuclide Production Cross Section

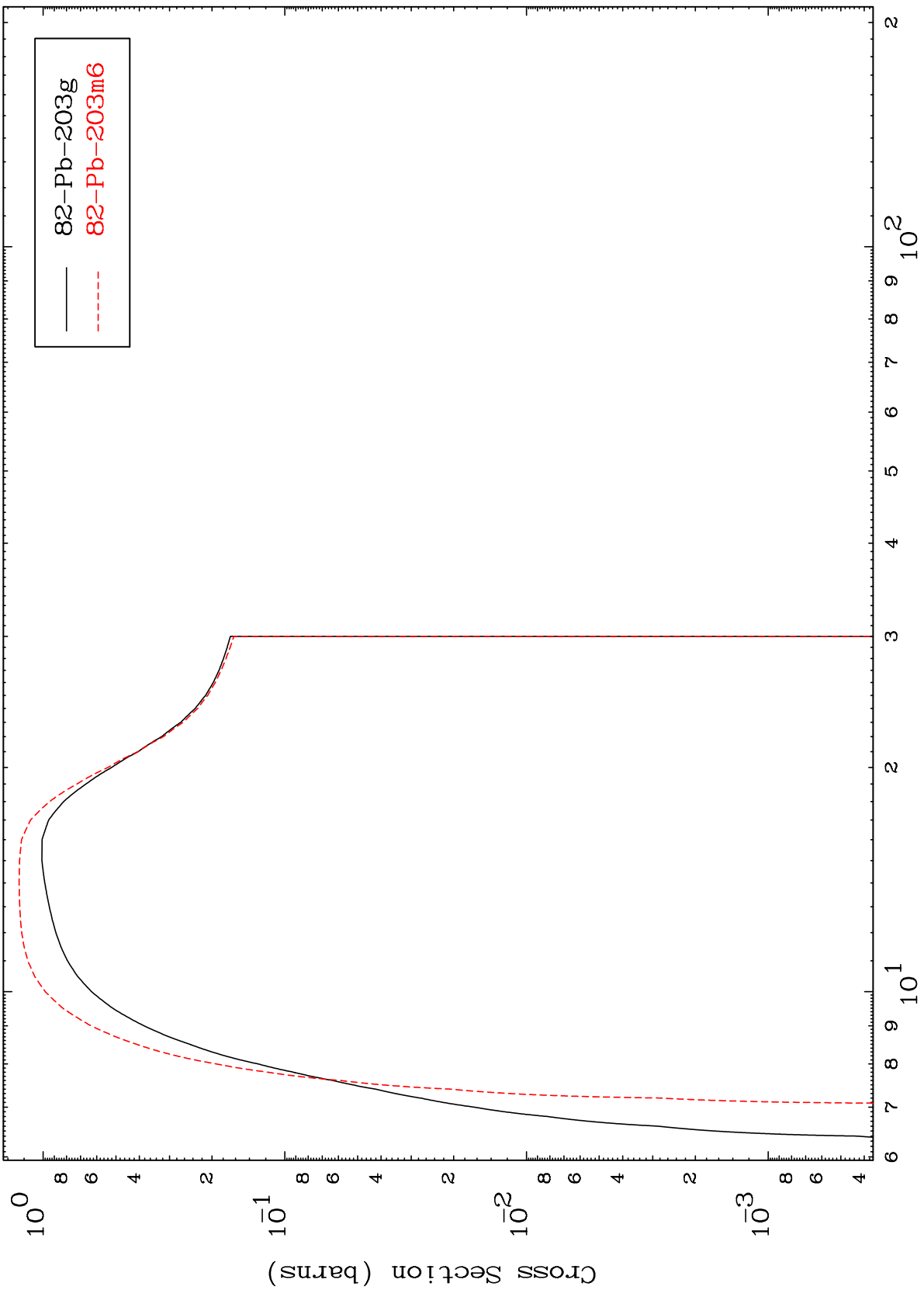
82-Pb-204m



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82-Pb-204m

(n,2n)
Radionuclide Production Cross Section



82-Pb-204m

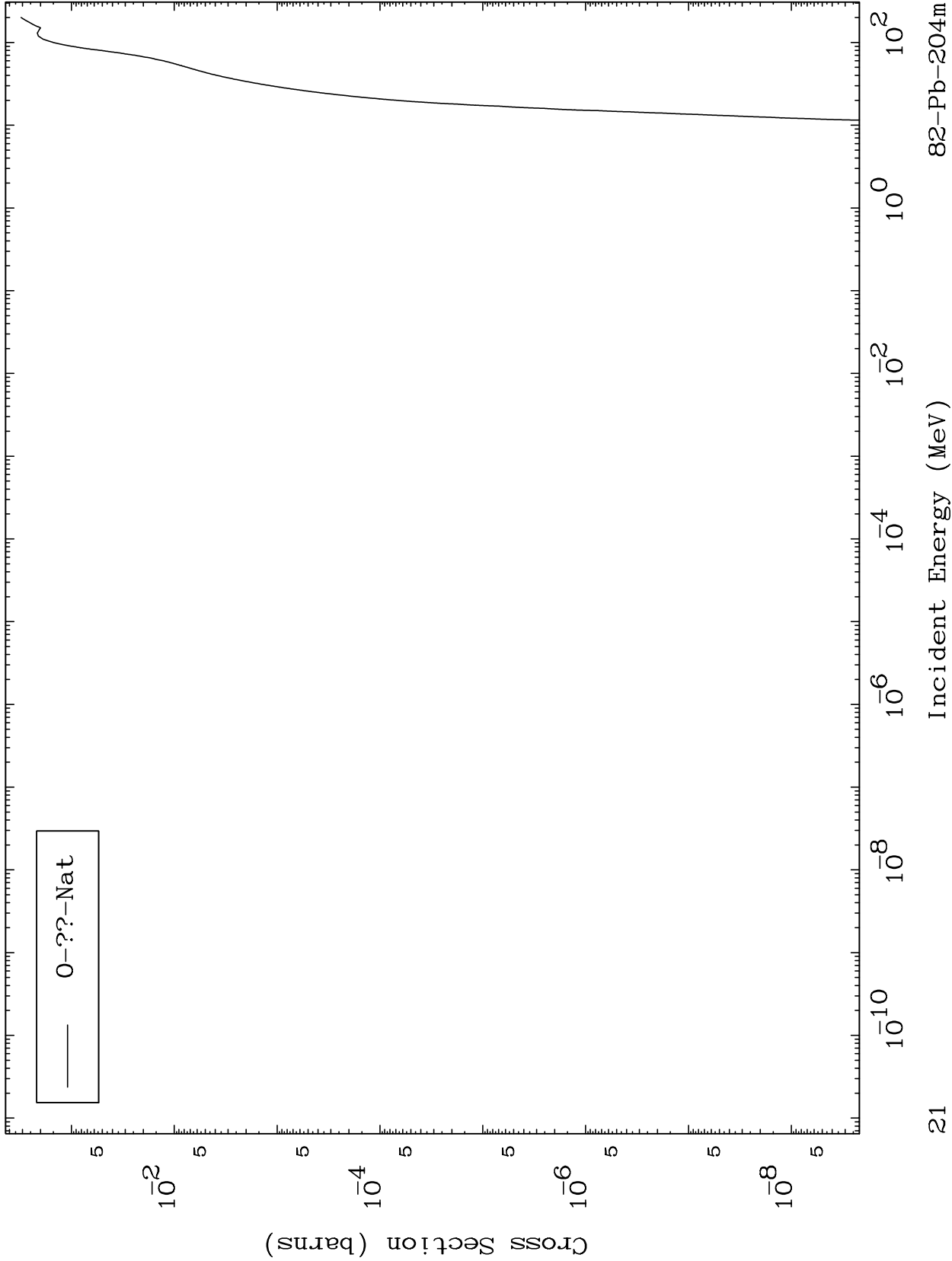
Incident Energy (MeV)

20

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Fission
Radionuclide Production Cross Section

82-Pb-204m

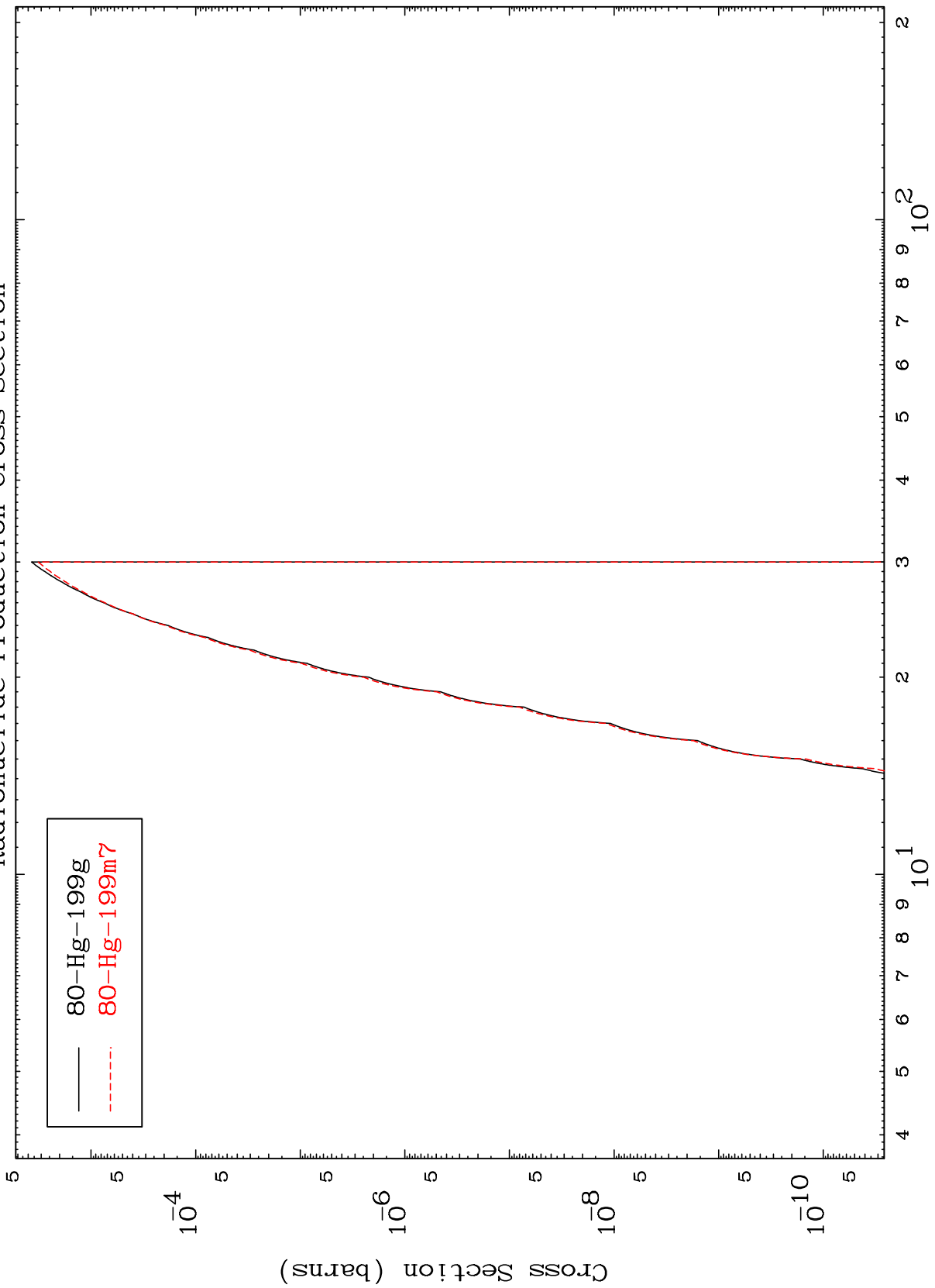


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$(n,2n) \alpha$

82-Pb-204m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

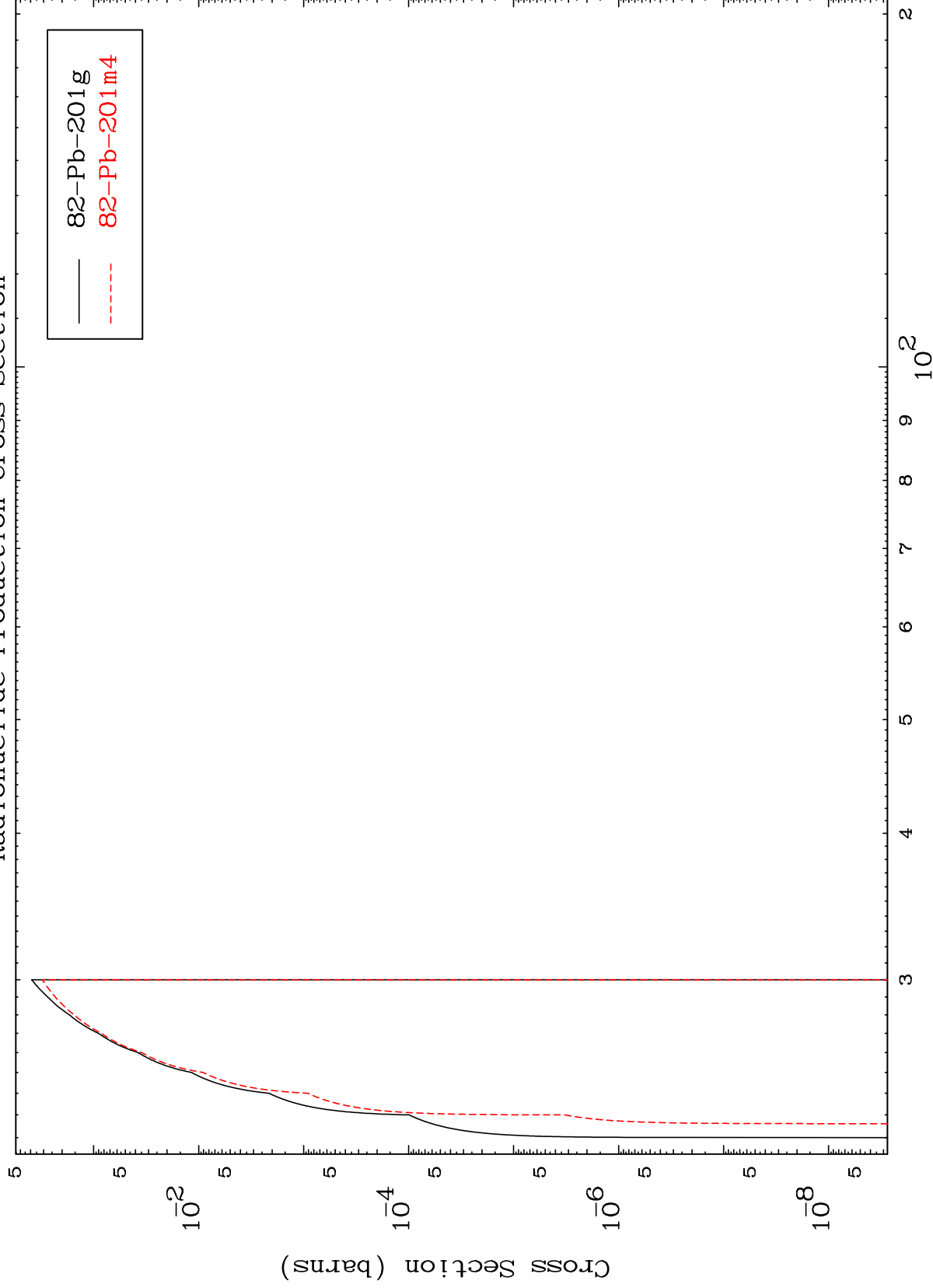
82-Pb-204m

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(n,4n)

82-Pb-204m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

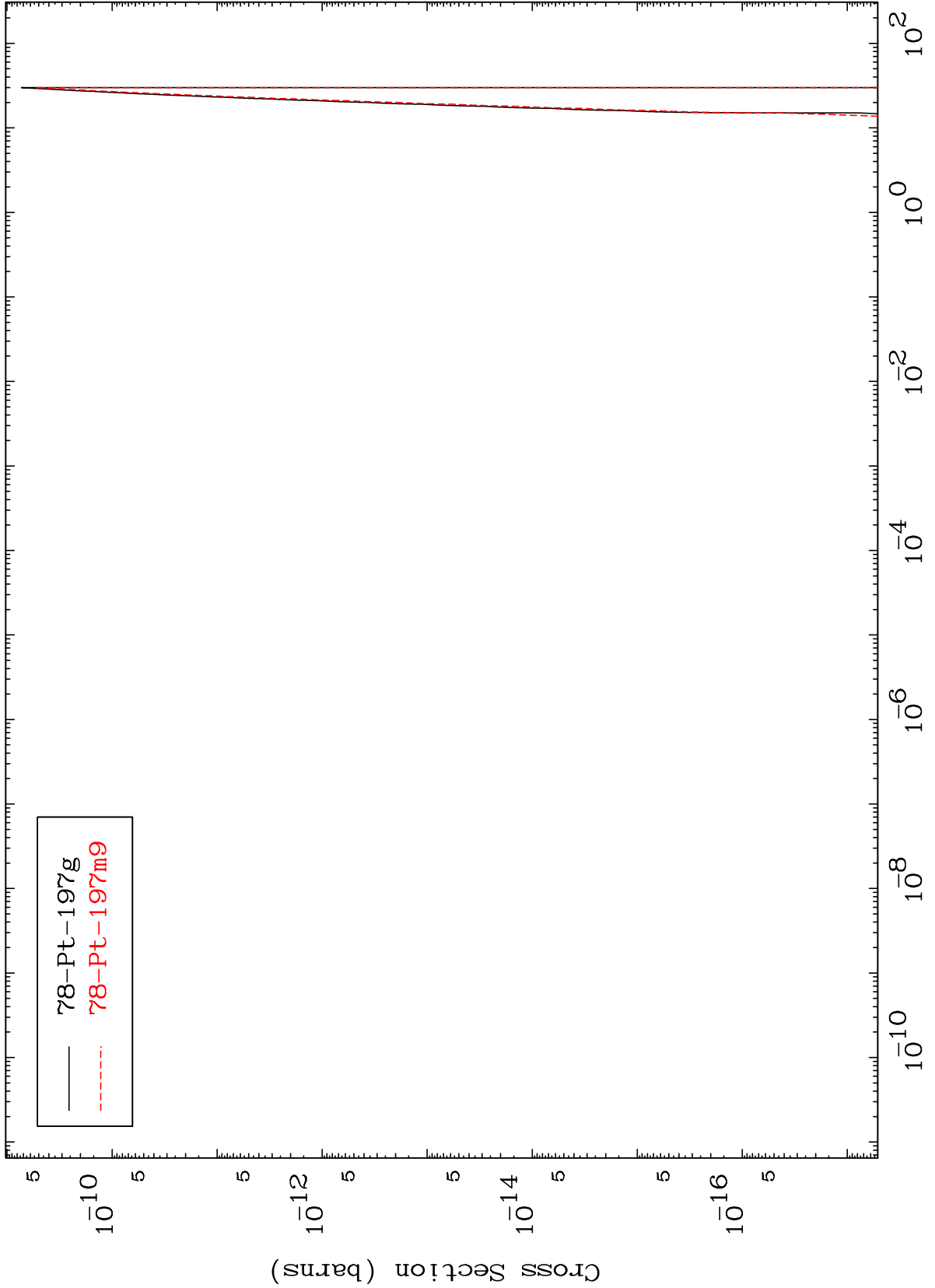
82-Pb-204m

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(n,2α)

82-Pb-204m

Radionuclide Production Cross Section



78-Pt-197g
78-Pt-197m9