

Program EVALPLOT
(Version 2021-1)

by

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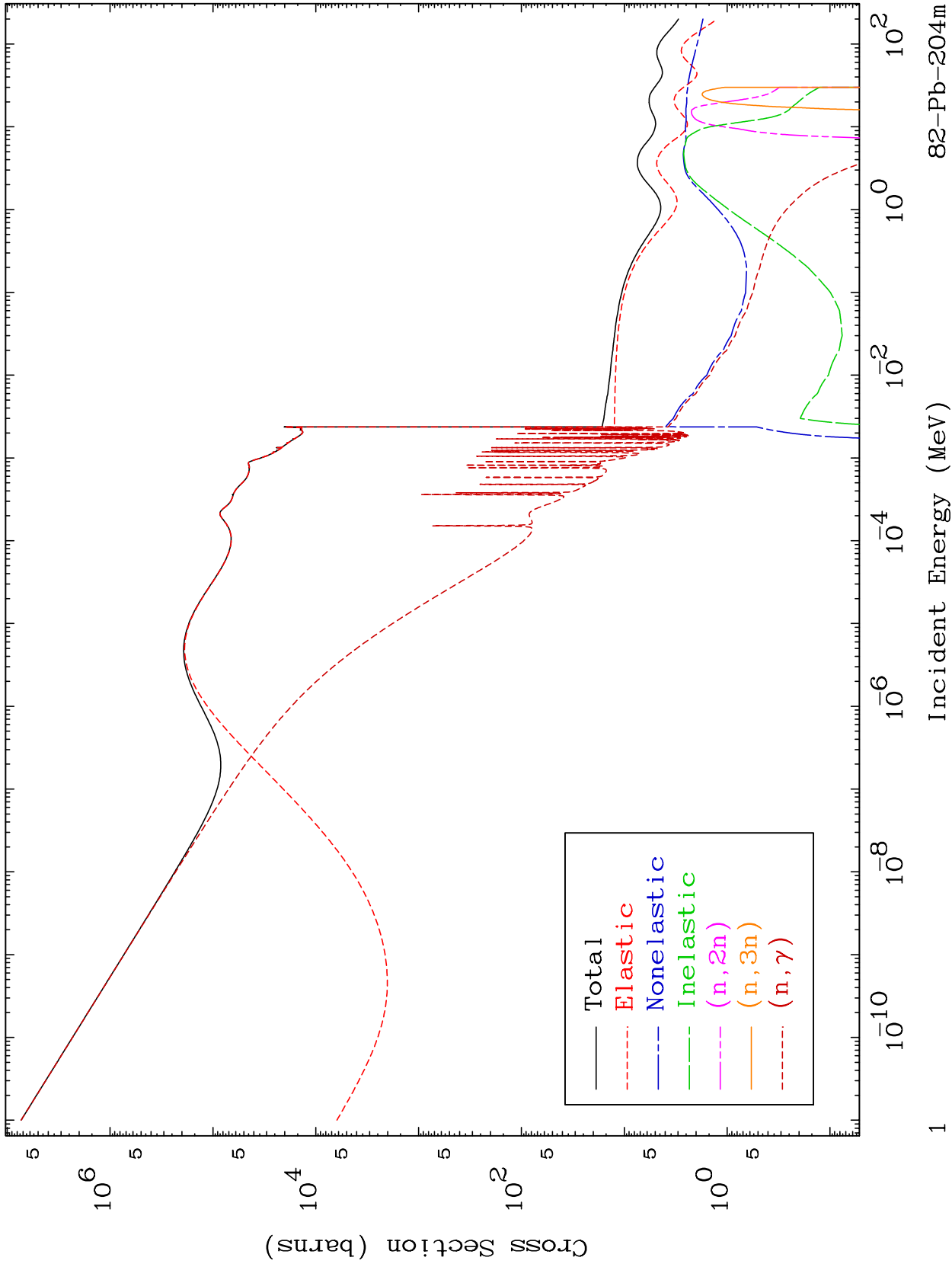
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8226

Neutron Major
293 Kelvin Cross Sections

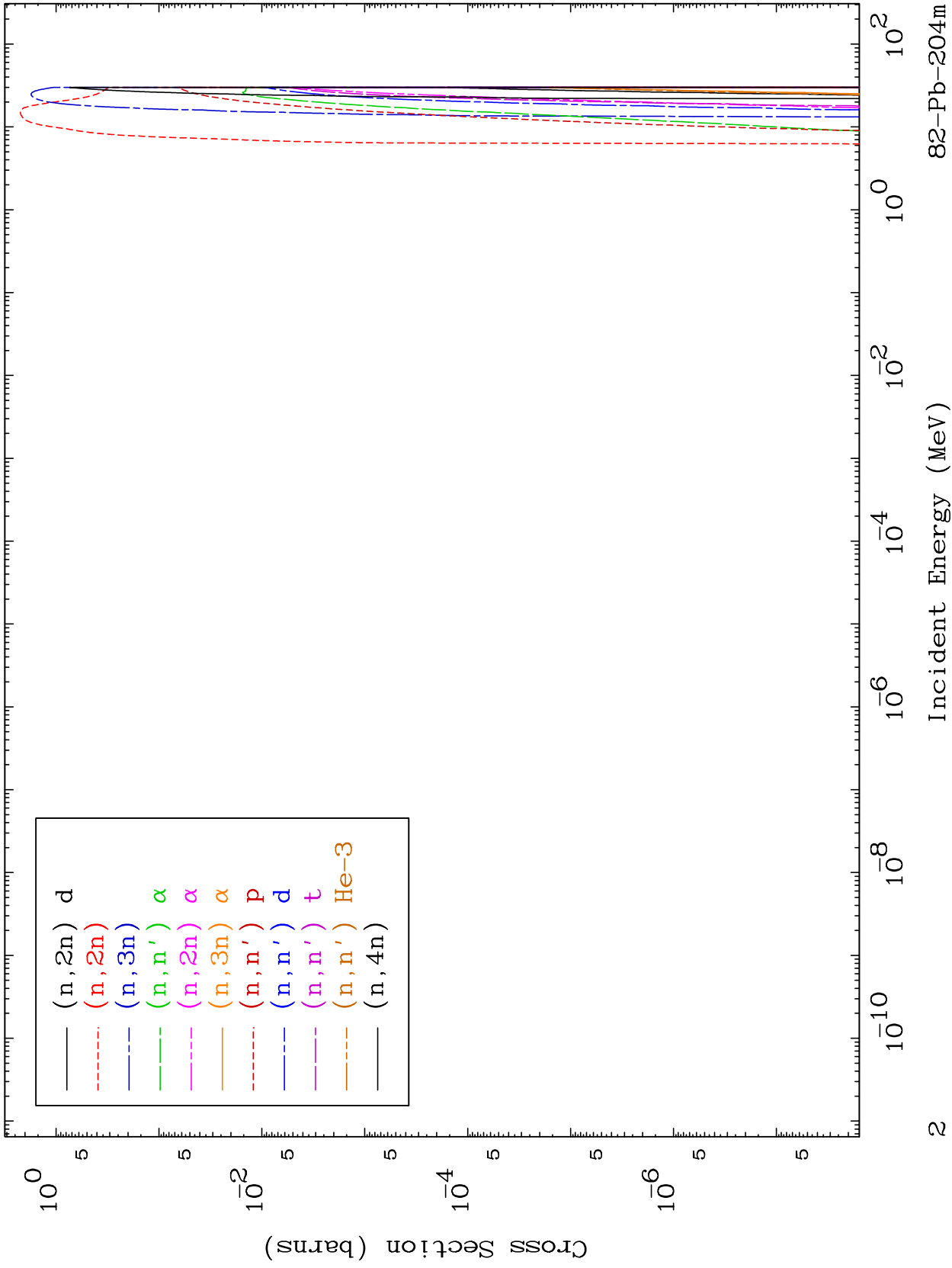
82-Pb-204m



MAT 8226

Neutron Absorption
293 Kelvin Cross Sections

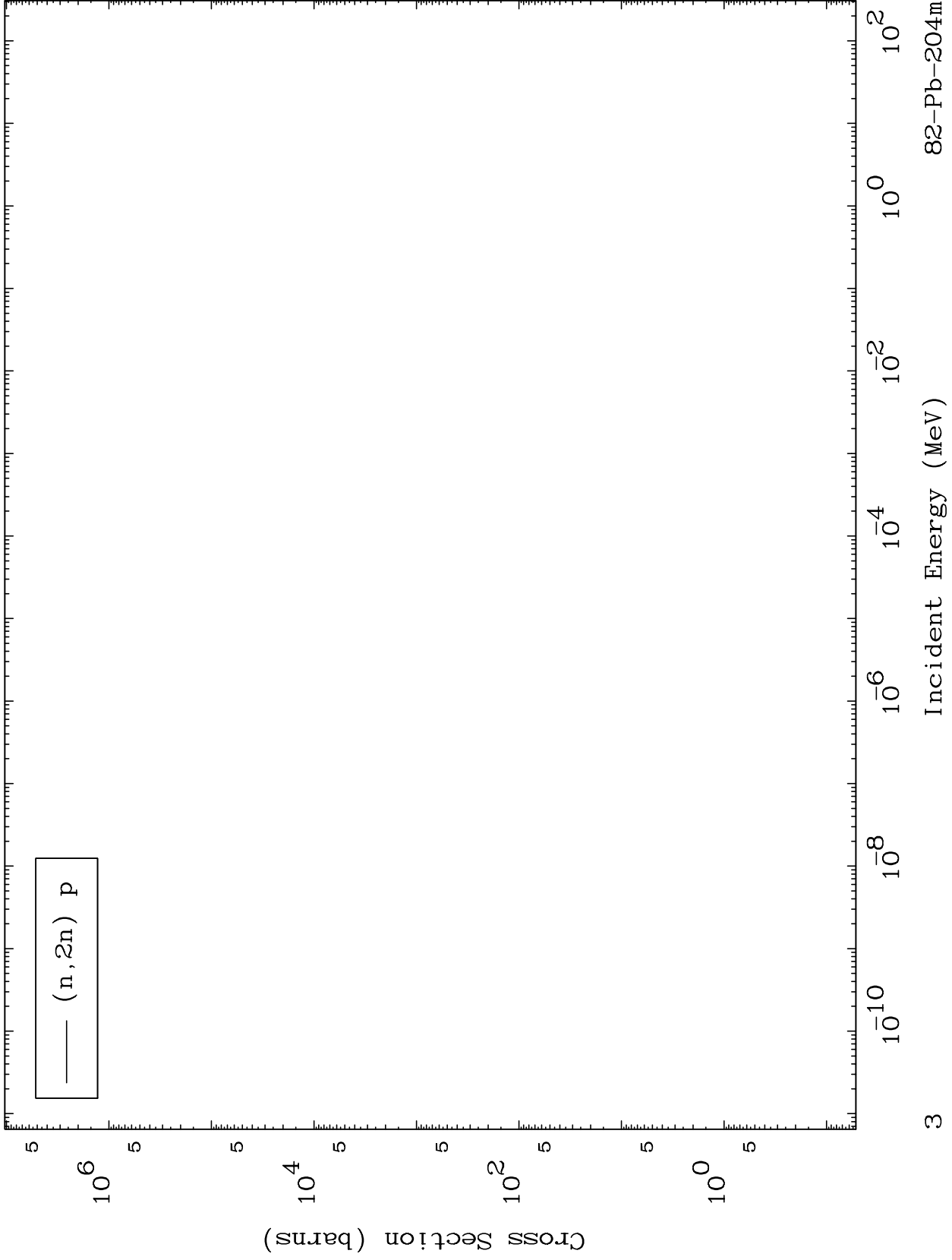
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Neutron Absorption
293 Kelvin Cross Sections

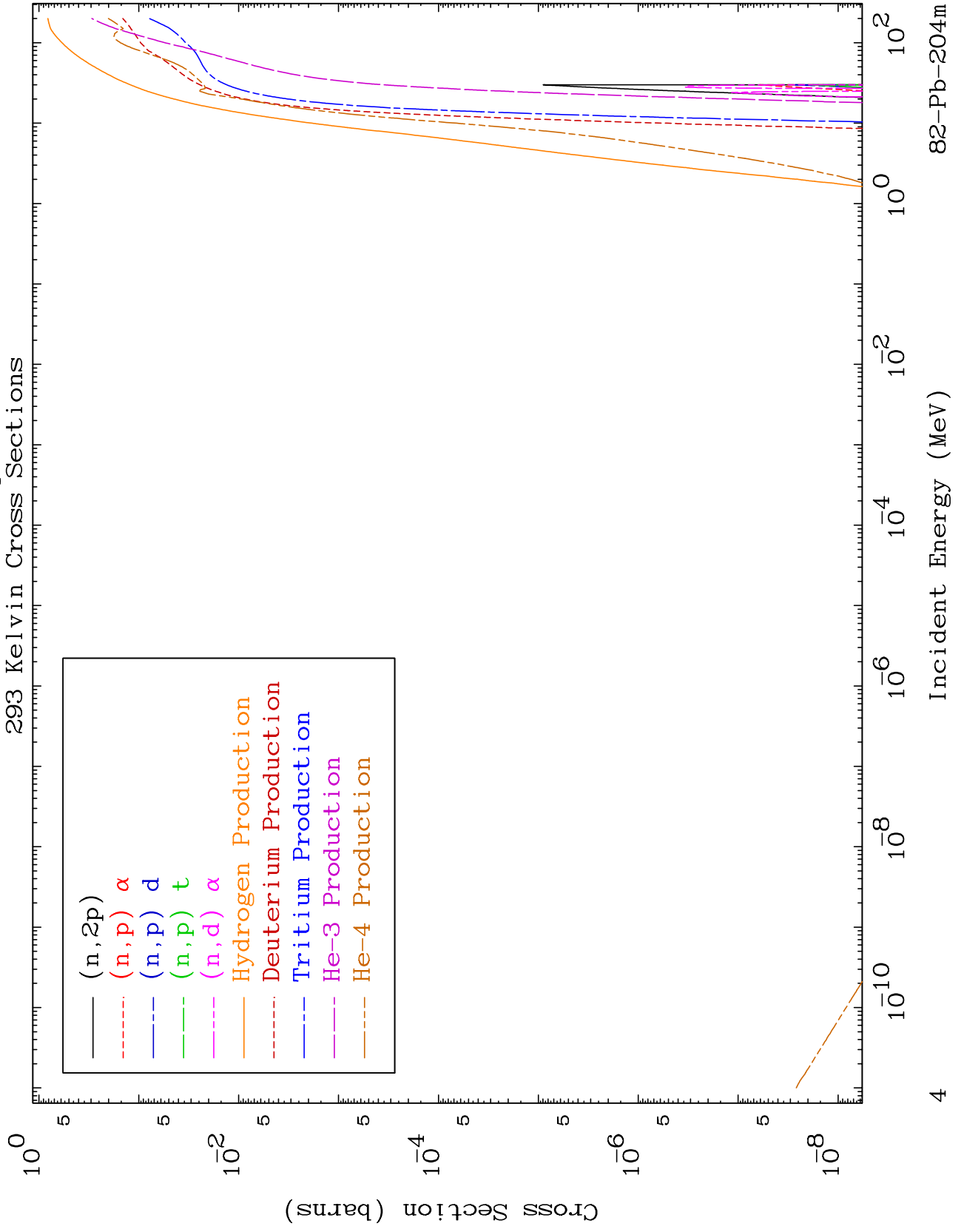
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Neutron Absorption
293 Kelvin Cross Sections

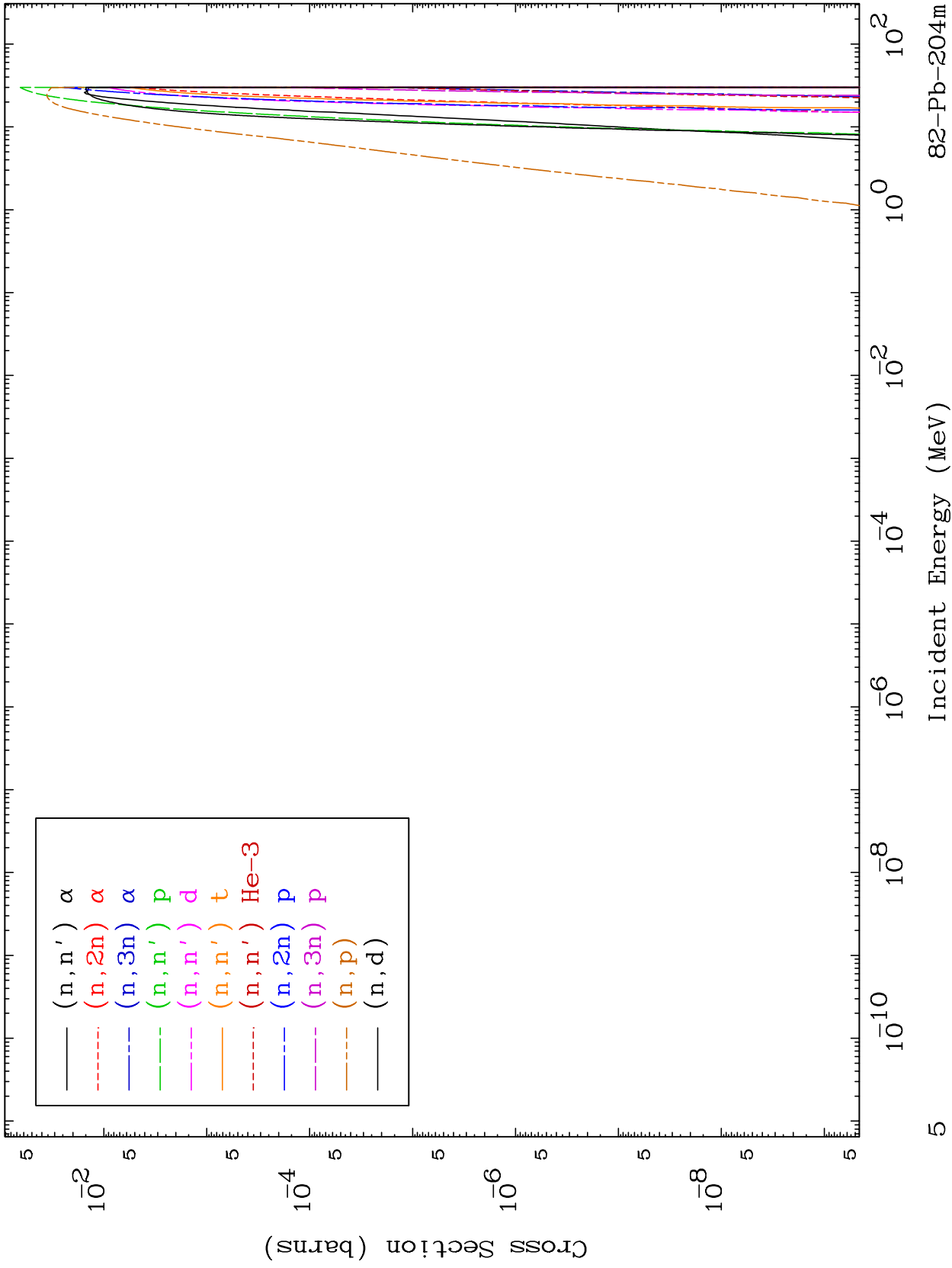
82-Pb-204m



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Charged Particle
293 Kelvin Cross Sections

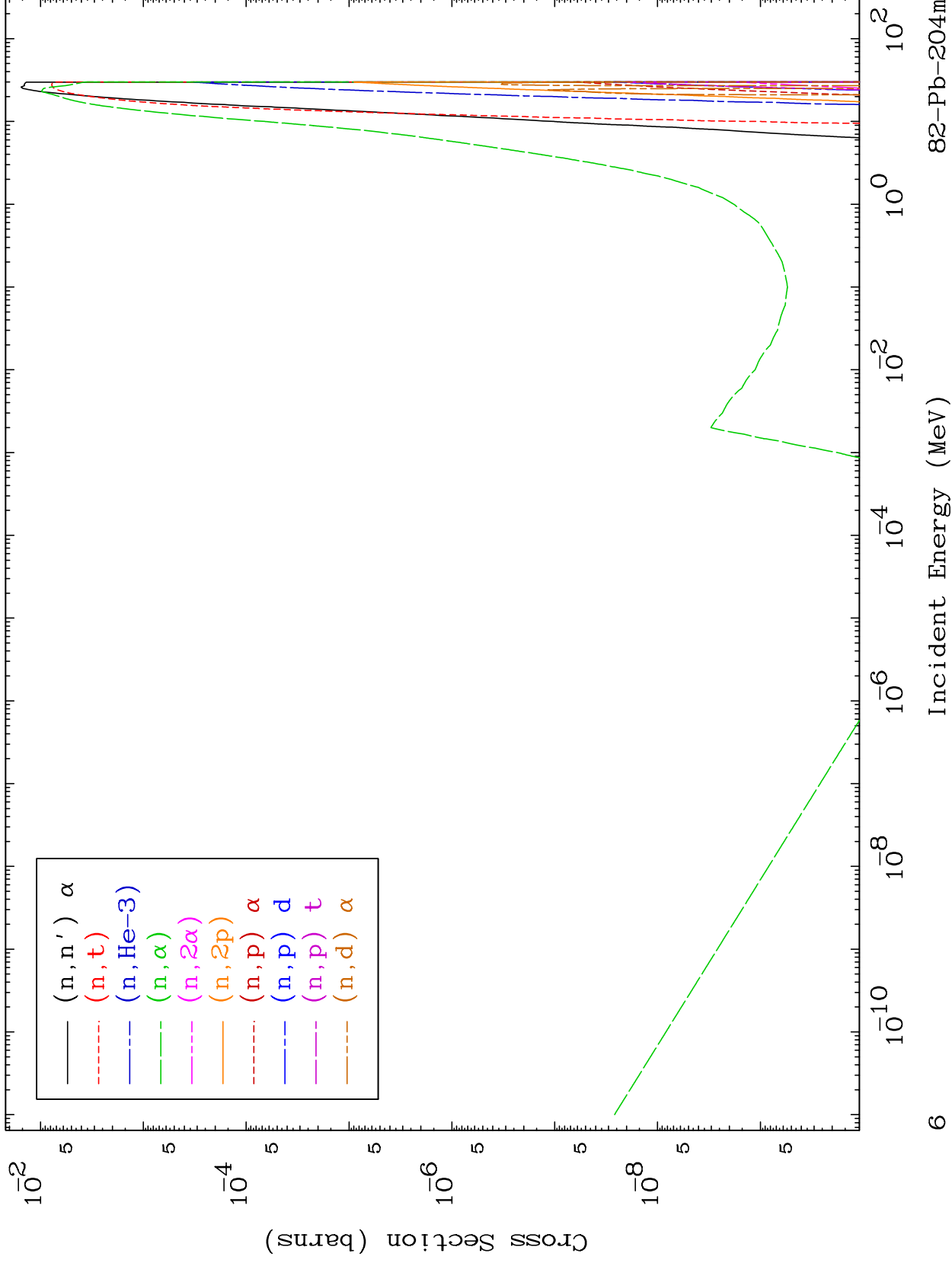
82-Pb-204m



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Charged Particle
293 Kelvin Cross Sections

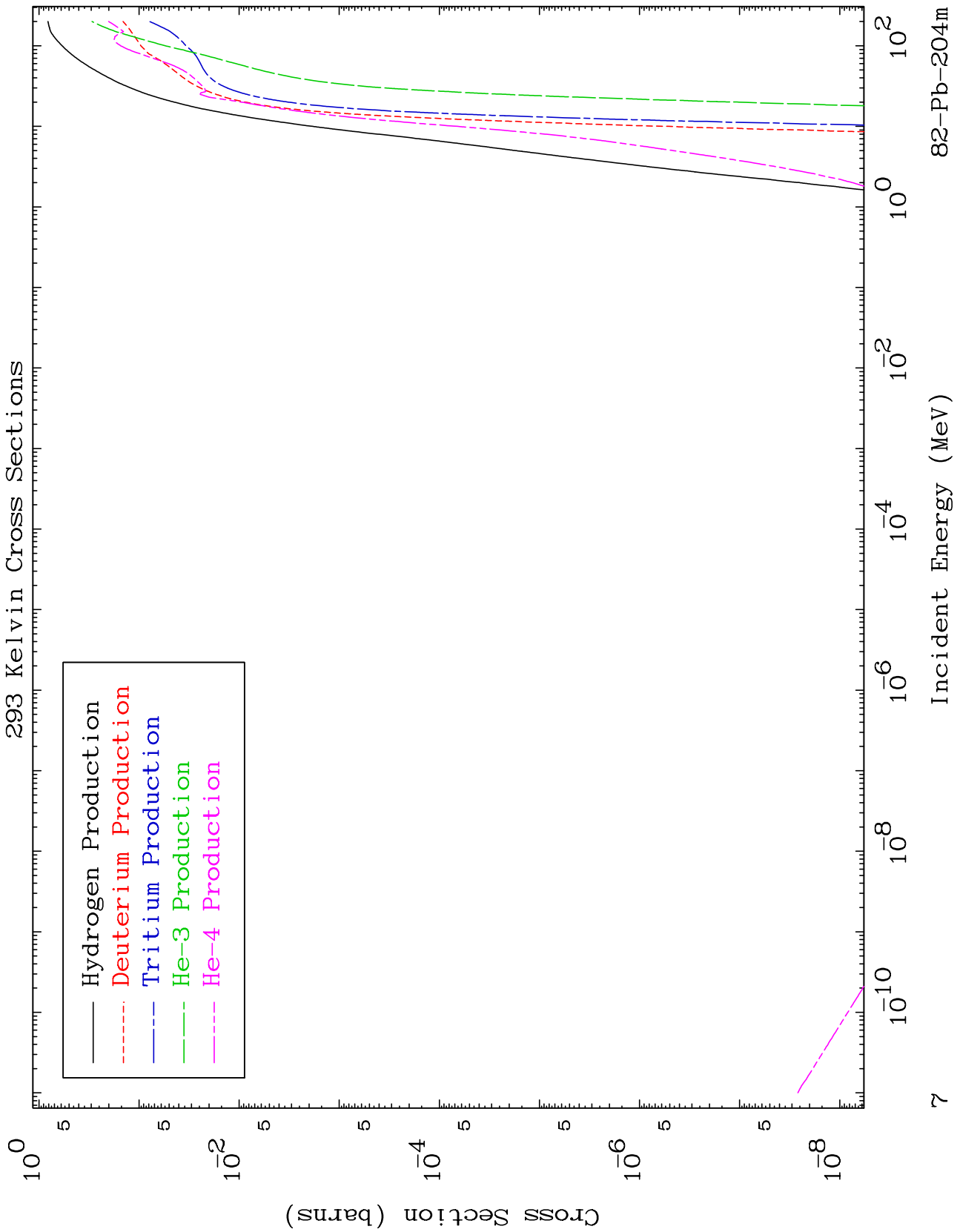
82-Pb-204m



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Particle Production
293 Kelvin Cross Sections

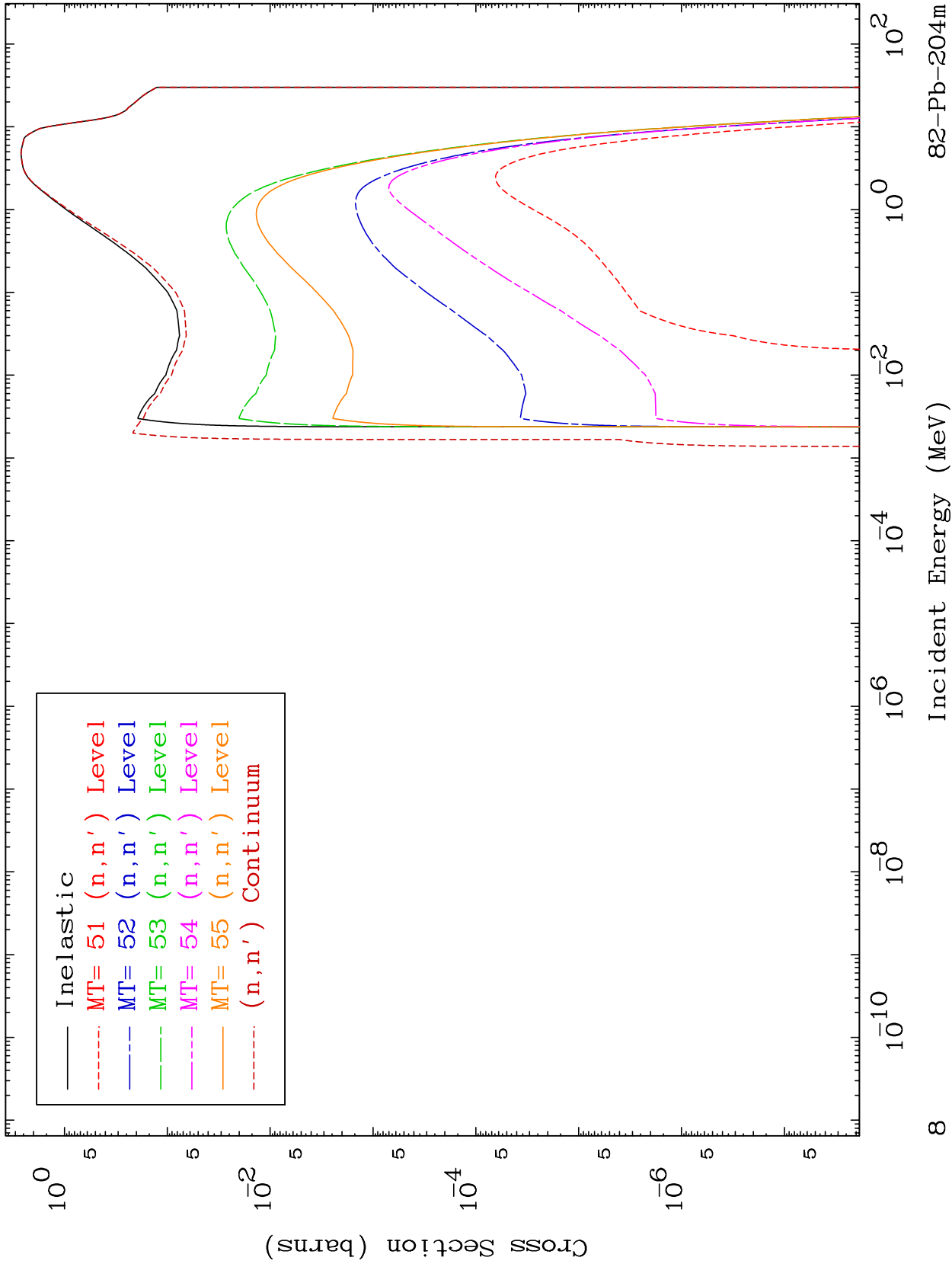
82-Pb-204m



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293 Kelvin Cross Sections
(n,n') Levels

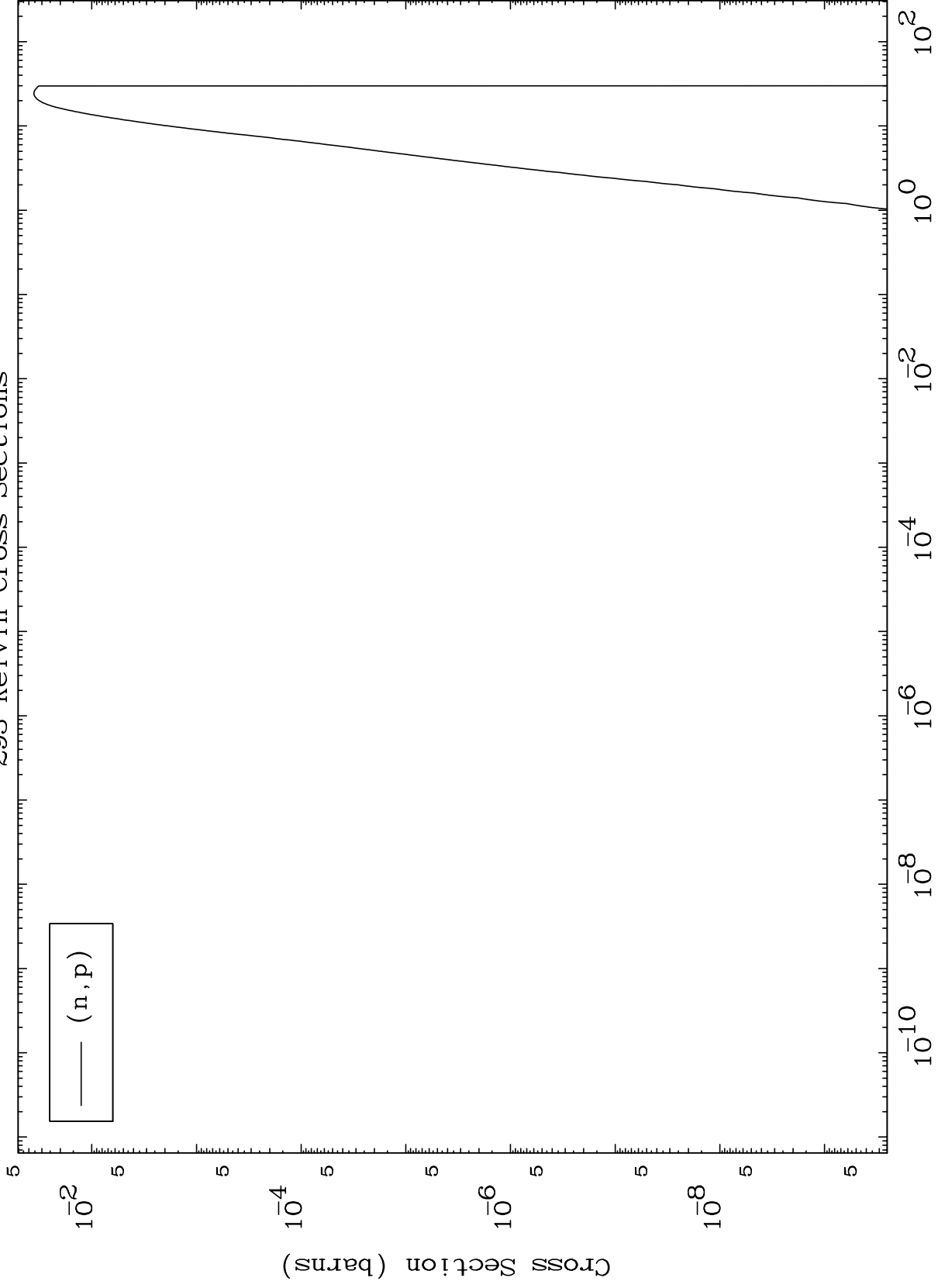
82-Pb-204m



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(n,p) Levels
293 Kelvin Cross Sections

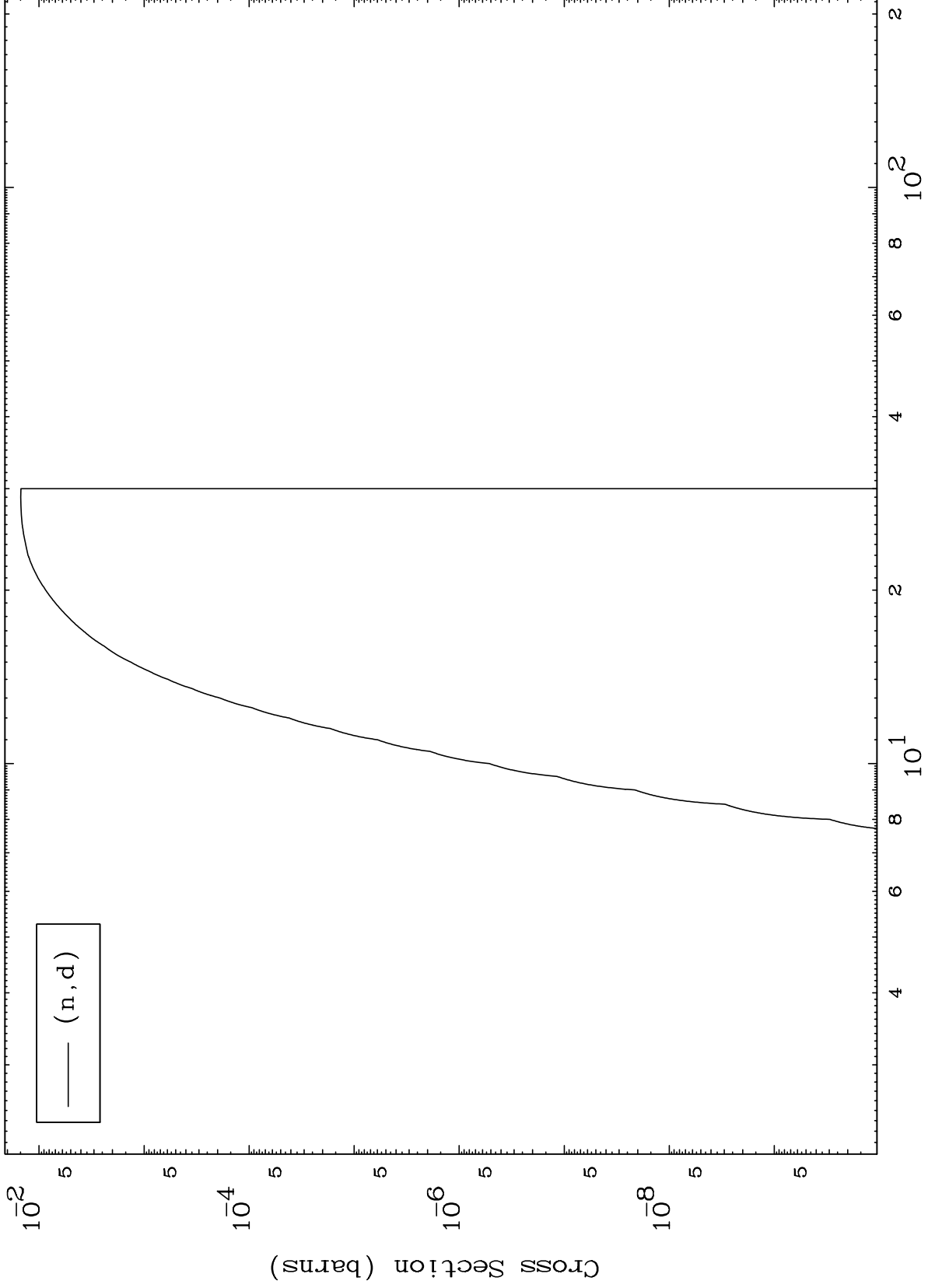
82-Pb-204m



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(n,d) Levels
293 Kelvin Cross Sections

82-Pb-204m



10

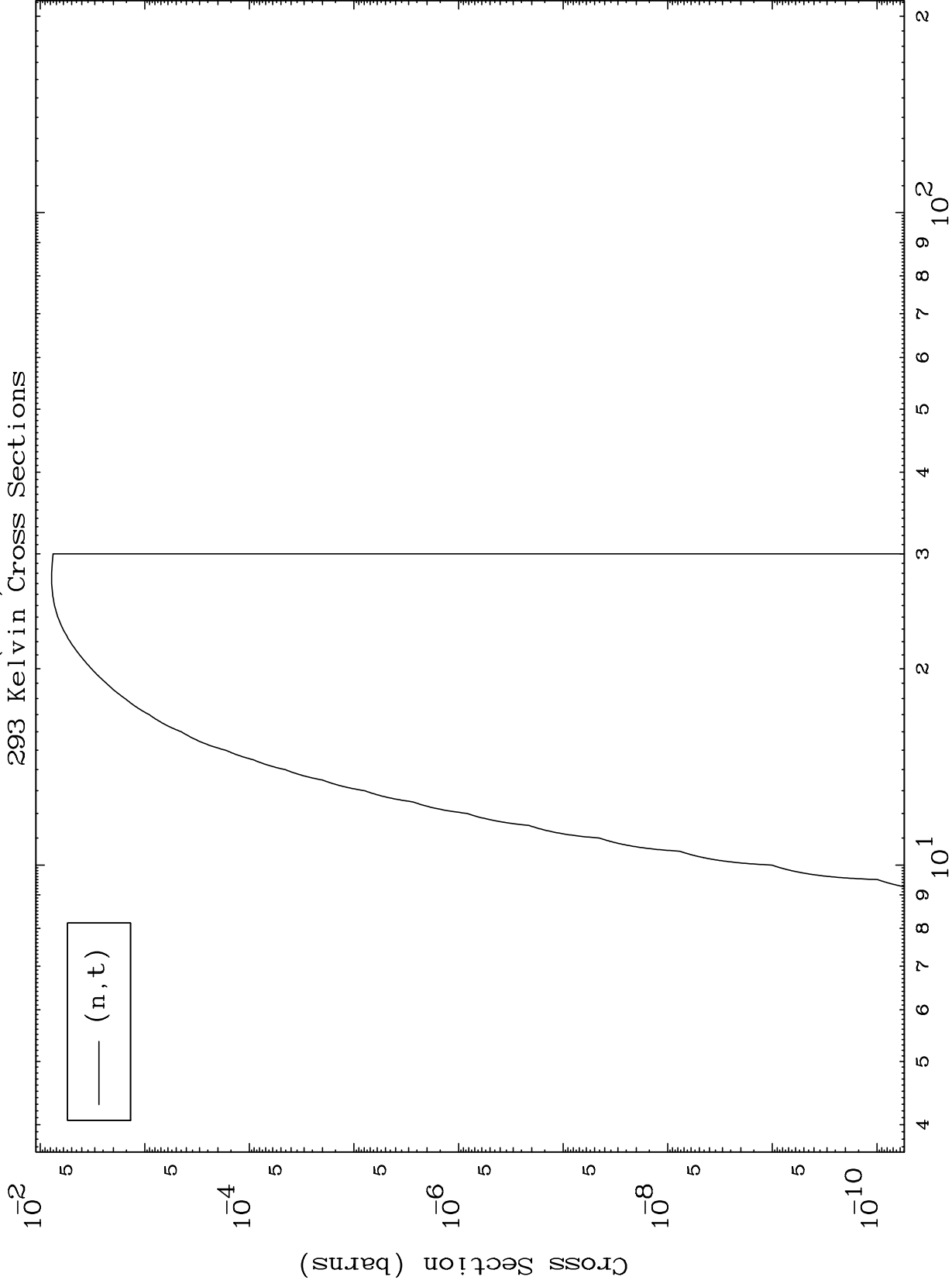
Incident Energy (MeV)

82-Pb-204m

MAT 8226

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-204m



11

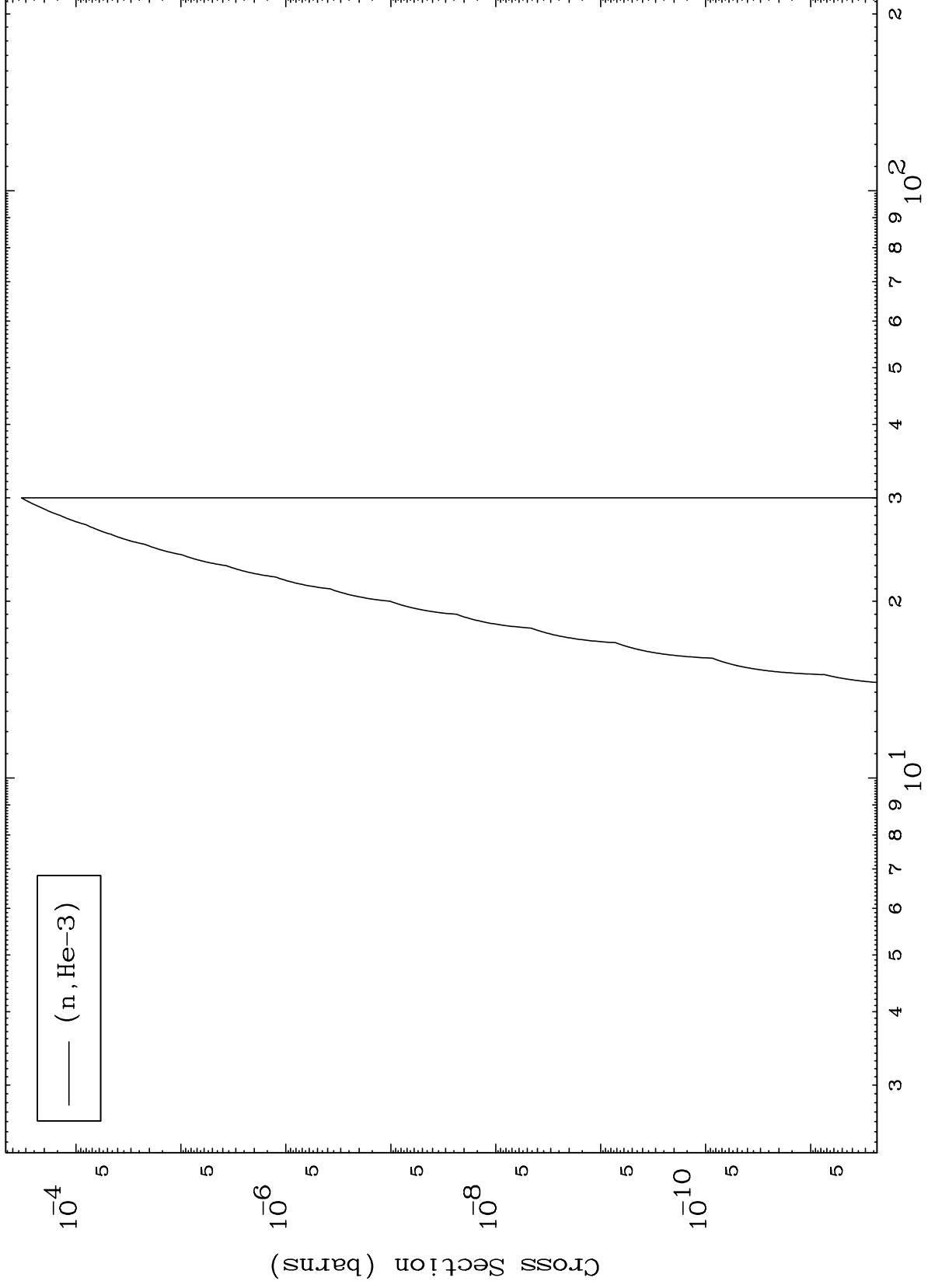
Incident Energy (MeV)

82-Pb-204m

MAT 8226

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-204m



12

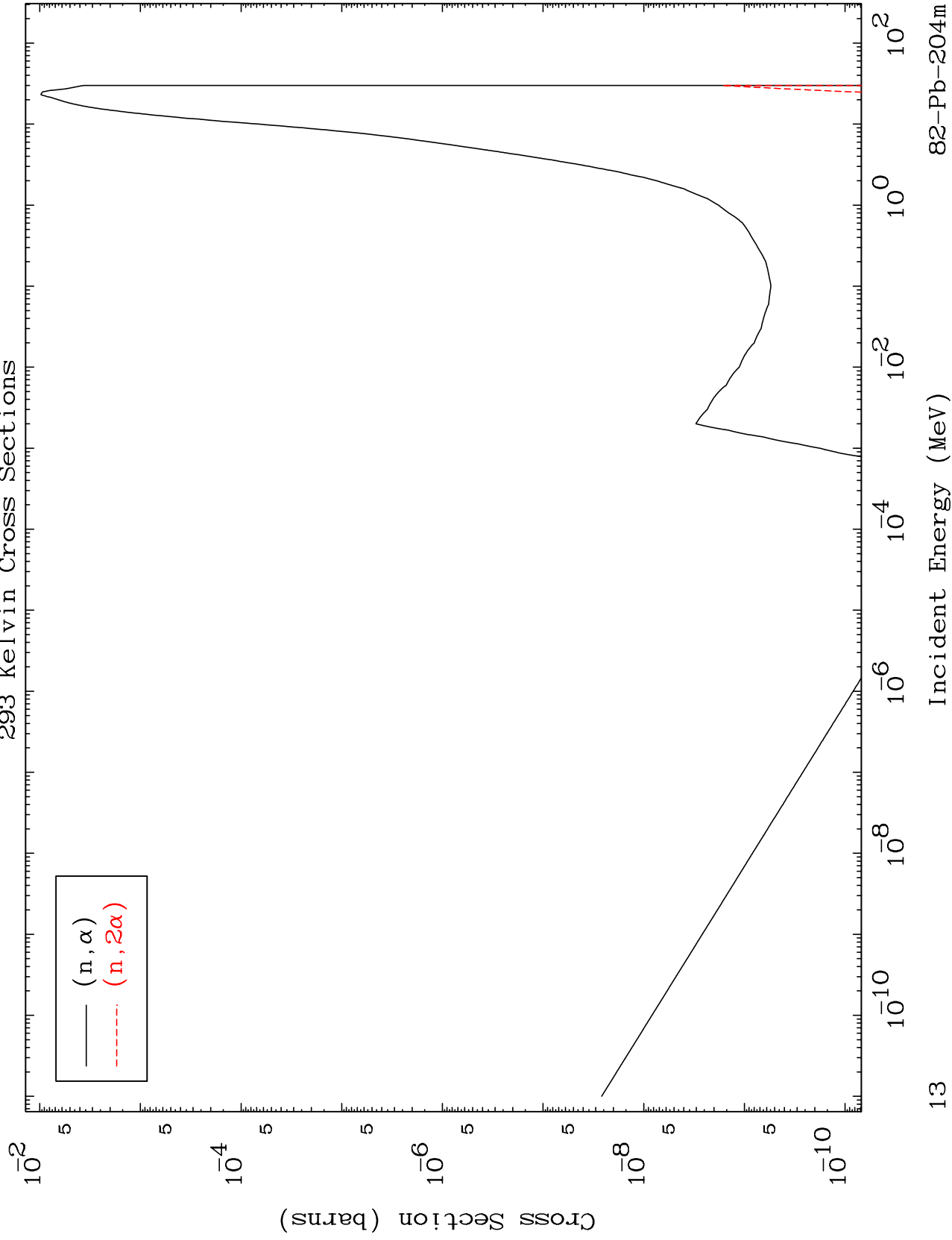
Incident Energy (MeV)

82-Pb-204m

MAT 8226

(n, α) Levels
293 Kelvin Cross Sections

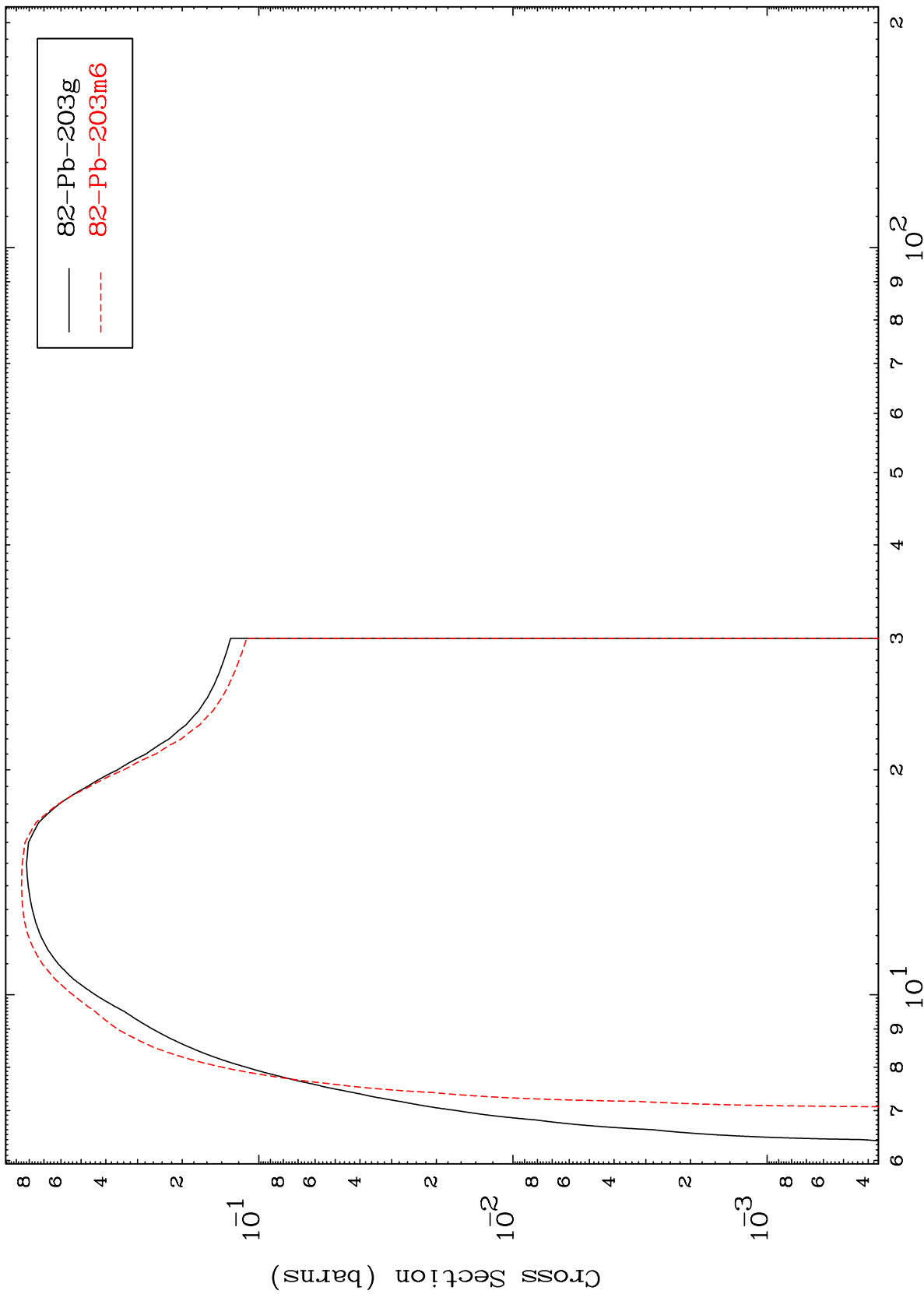
82-Pb-204m



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82-Pb-204m

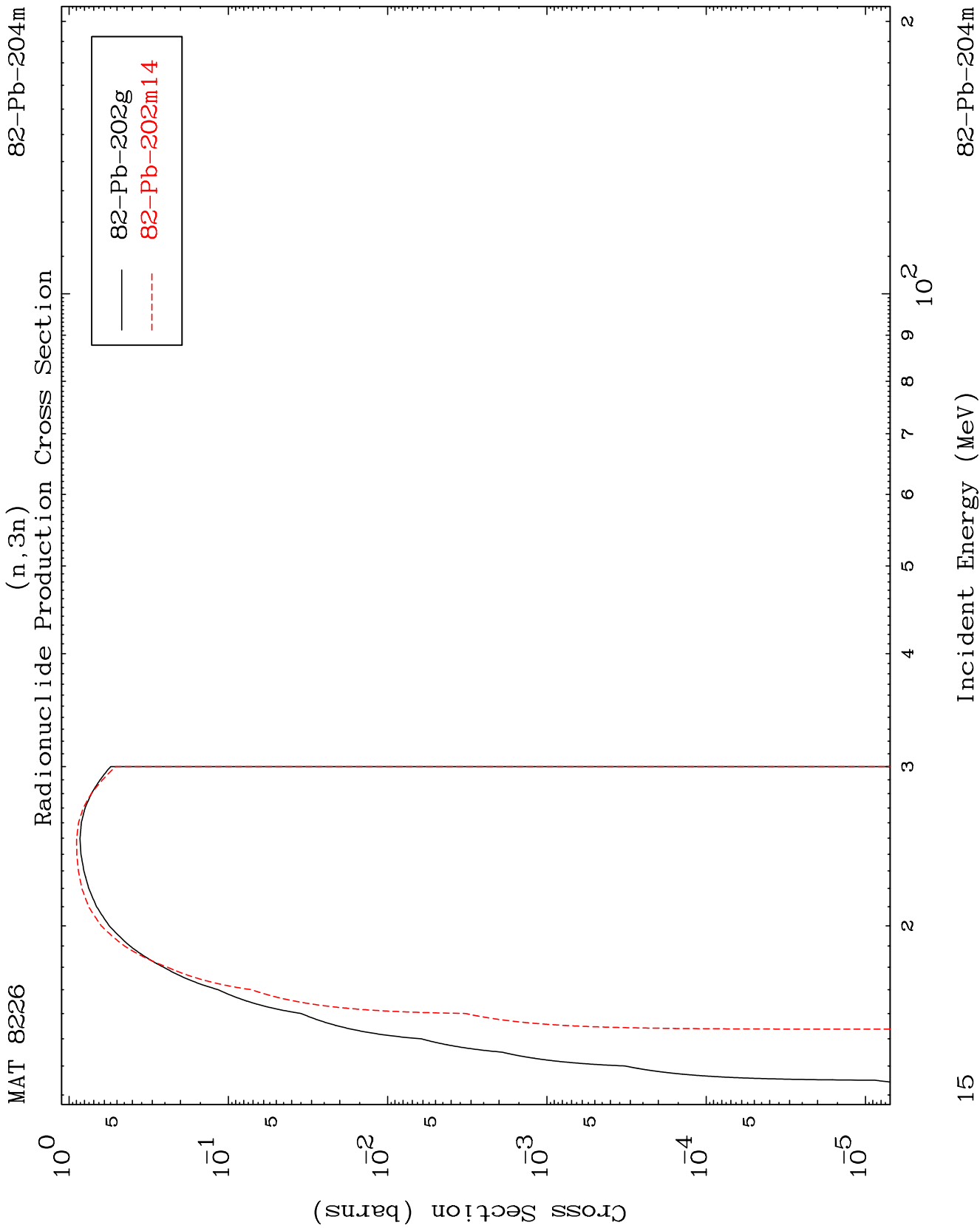
(n,2n)
Radionuclide Production Cross Section



82-Pb-204m

Incident Energy (MeV)

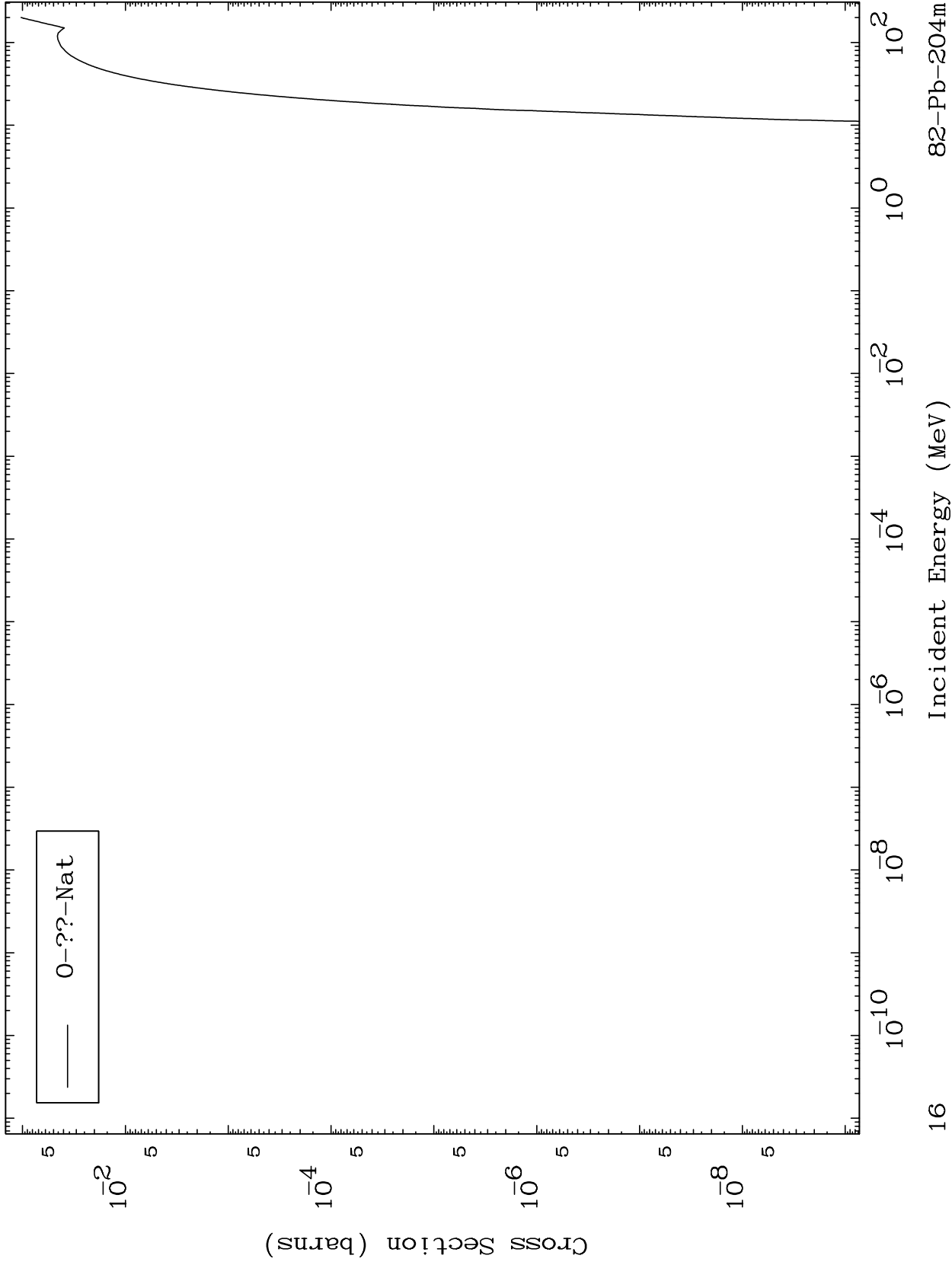
14



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Fission
Radionuclide Production Cross Section

$^{82}\text{Pb-204m}$

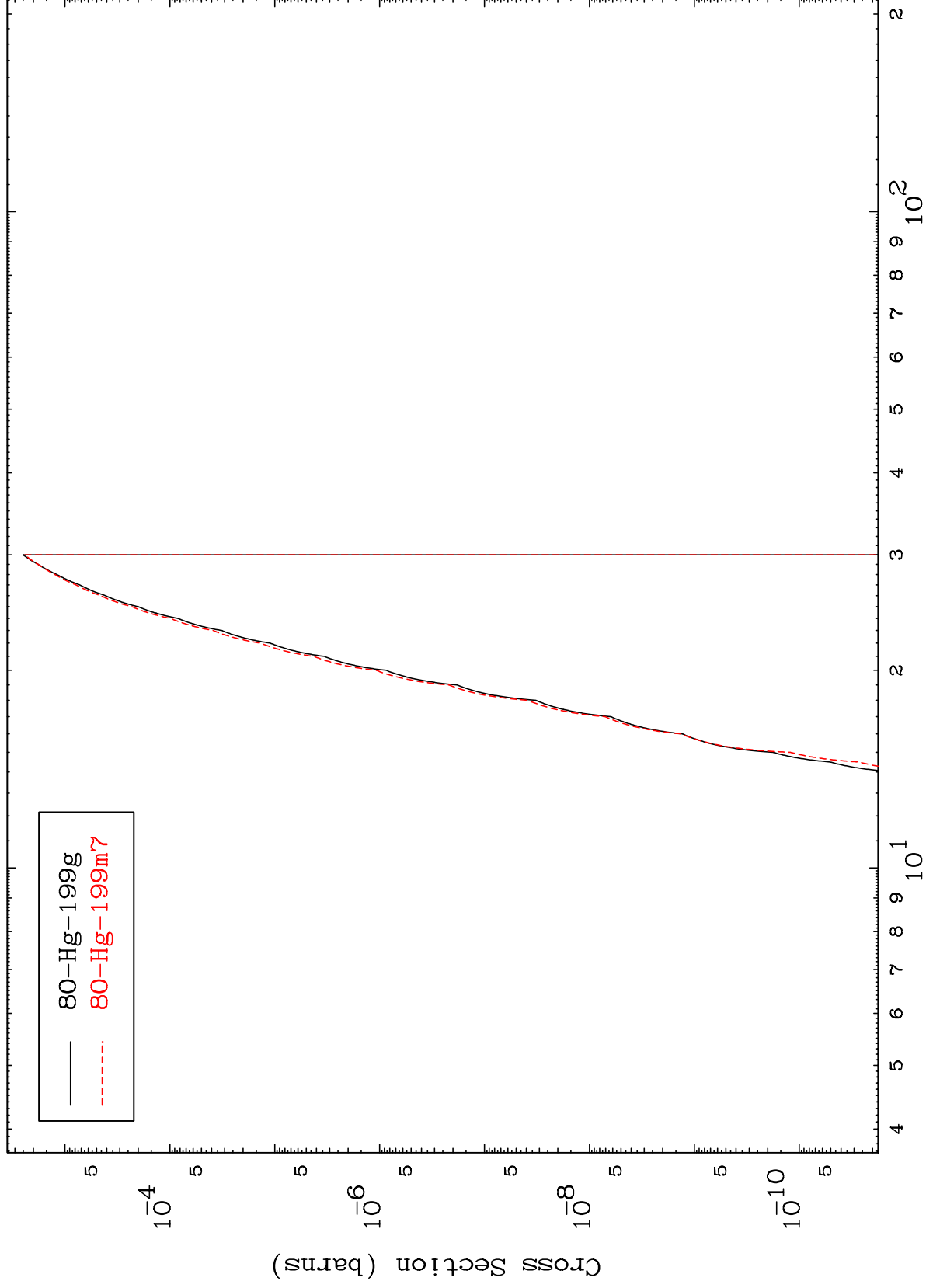


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$(n,2n) \alpha$

82-Pb-204m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

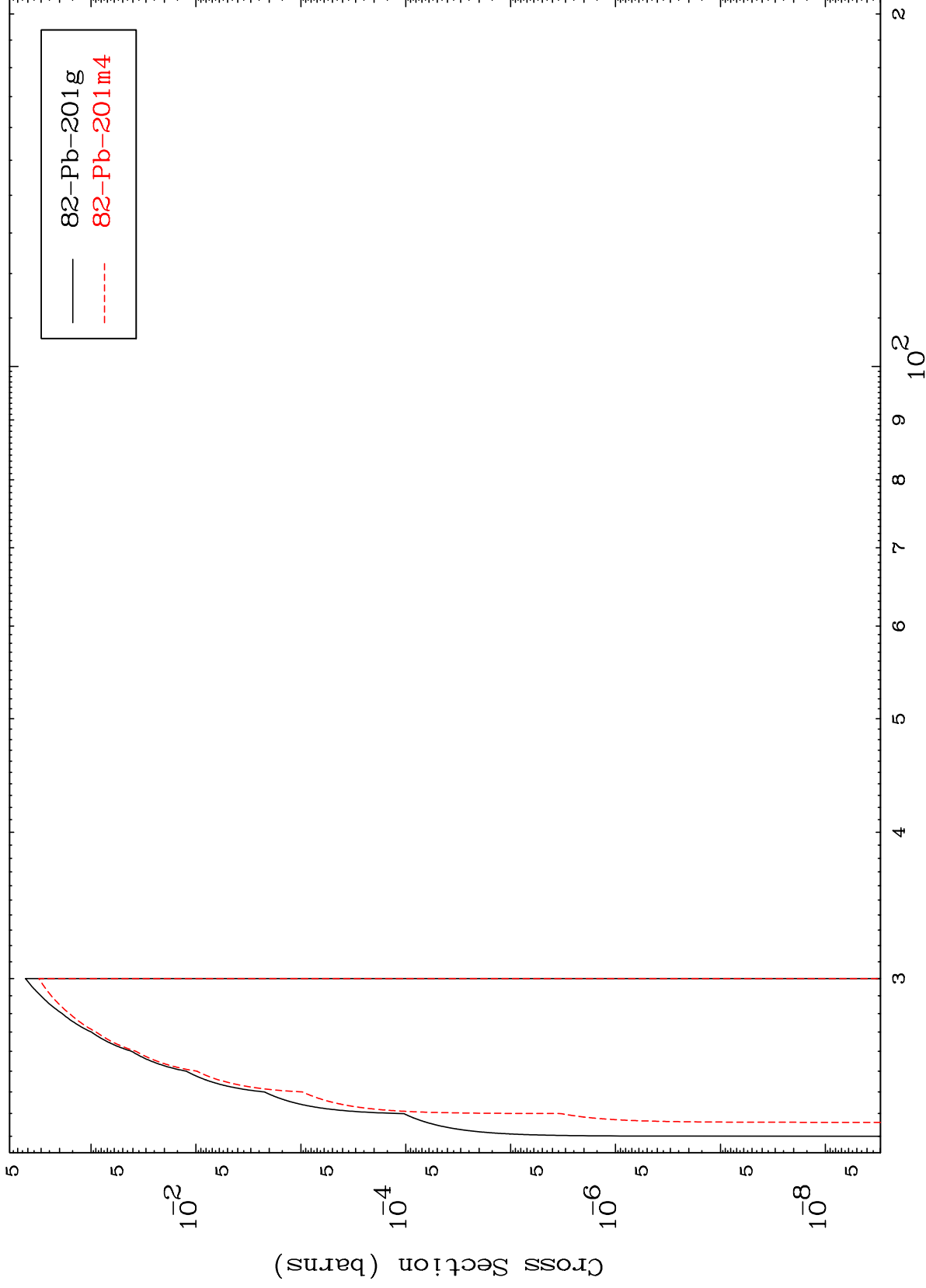
82-Pb-204m

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(n,4n)

82-Pb-204m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

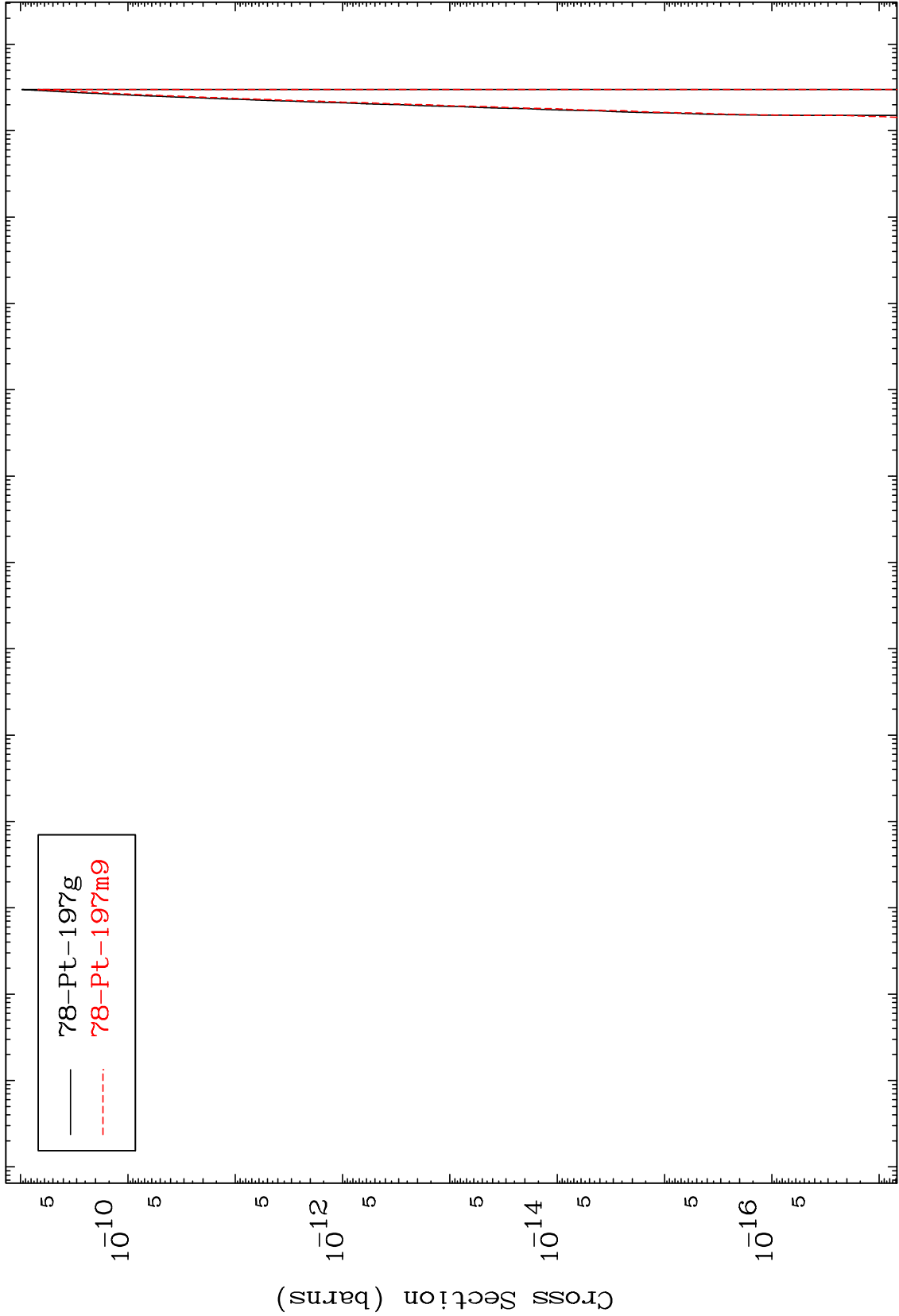
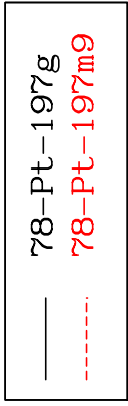
82-Pb-204m

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(n,2α)

82-Pb-204m

Radionuclide Production Cross Section



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(n,p) α

$^{82}\text{Pb-204m}$

Radionuclide Production Cross Section

