

Program EVALPLOT
(Version 2021-1)

by

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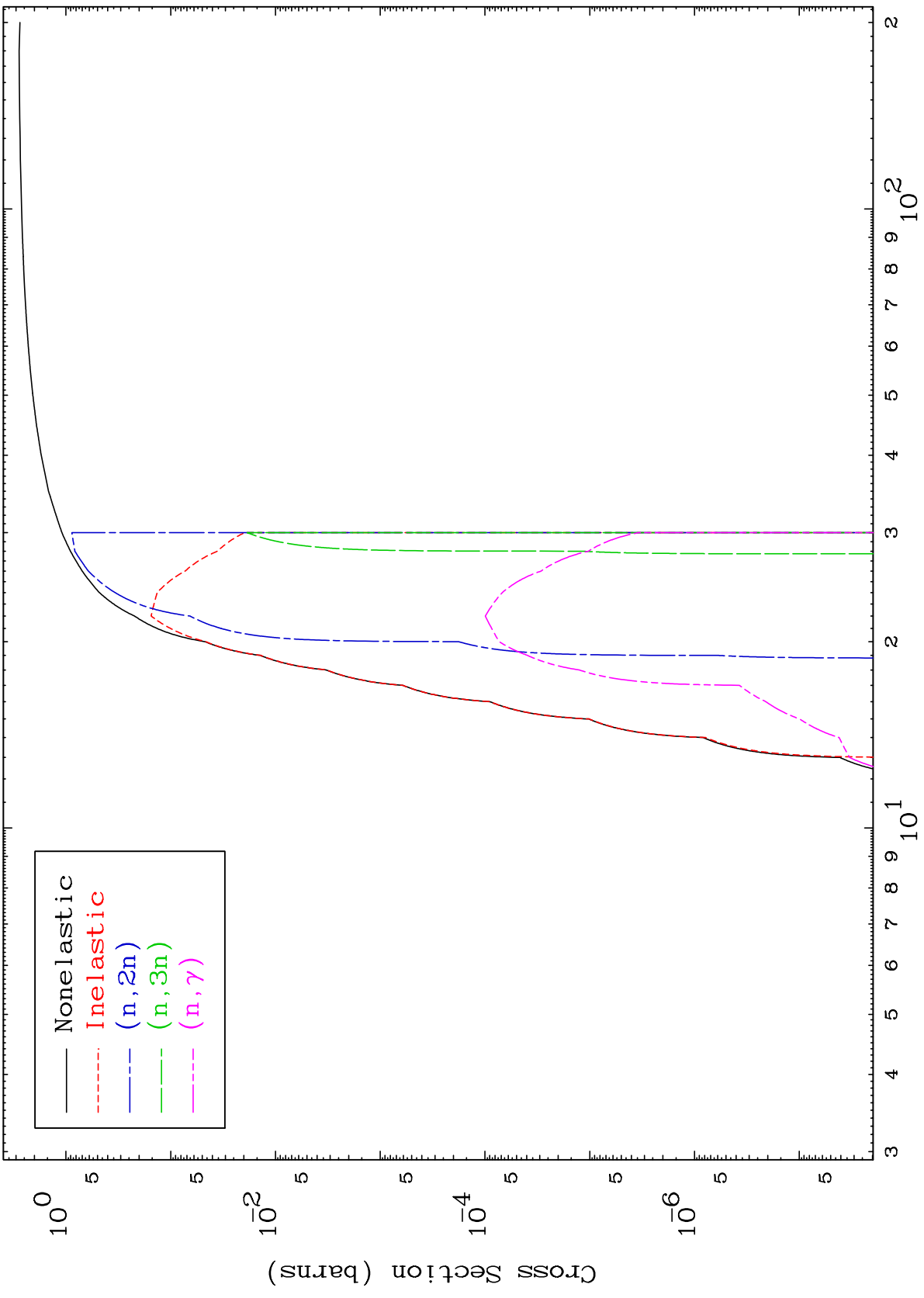
Press Mouse Button to Start

MAT 8226

α Major

82-Pb-204m

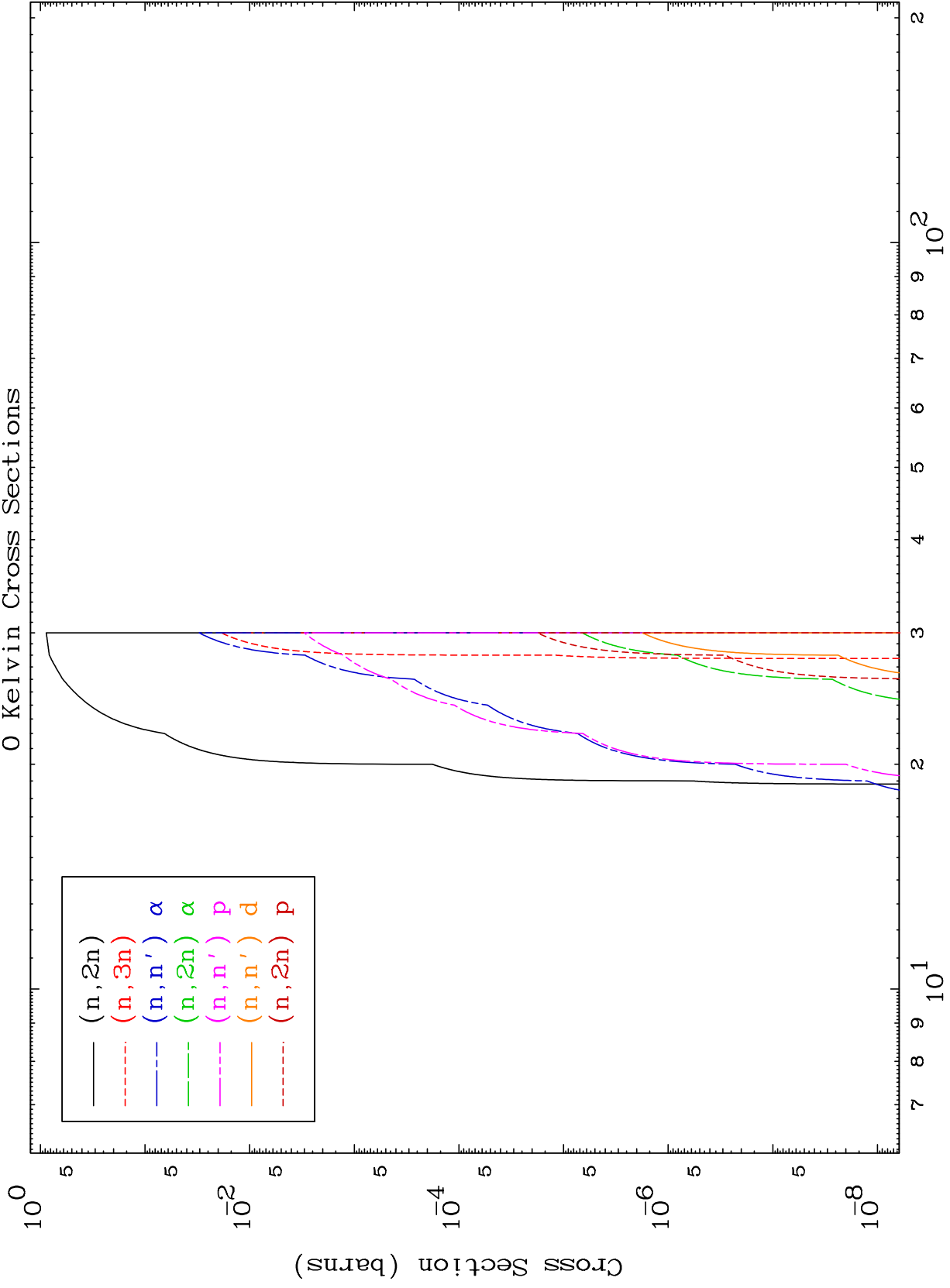
0 Kelvin Cross Sections



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α Neutron Absorption
0 Kelvin Cross Sections

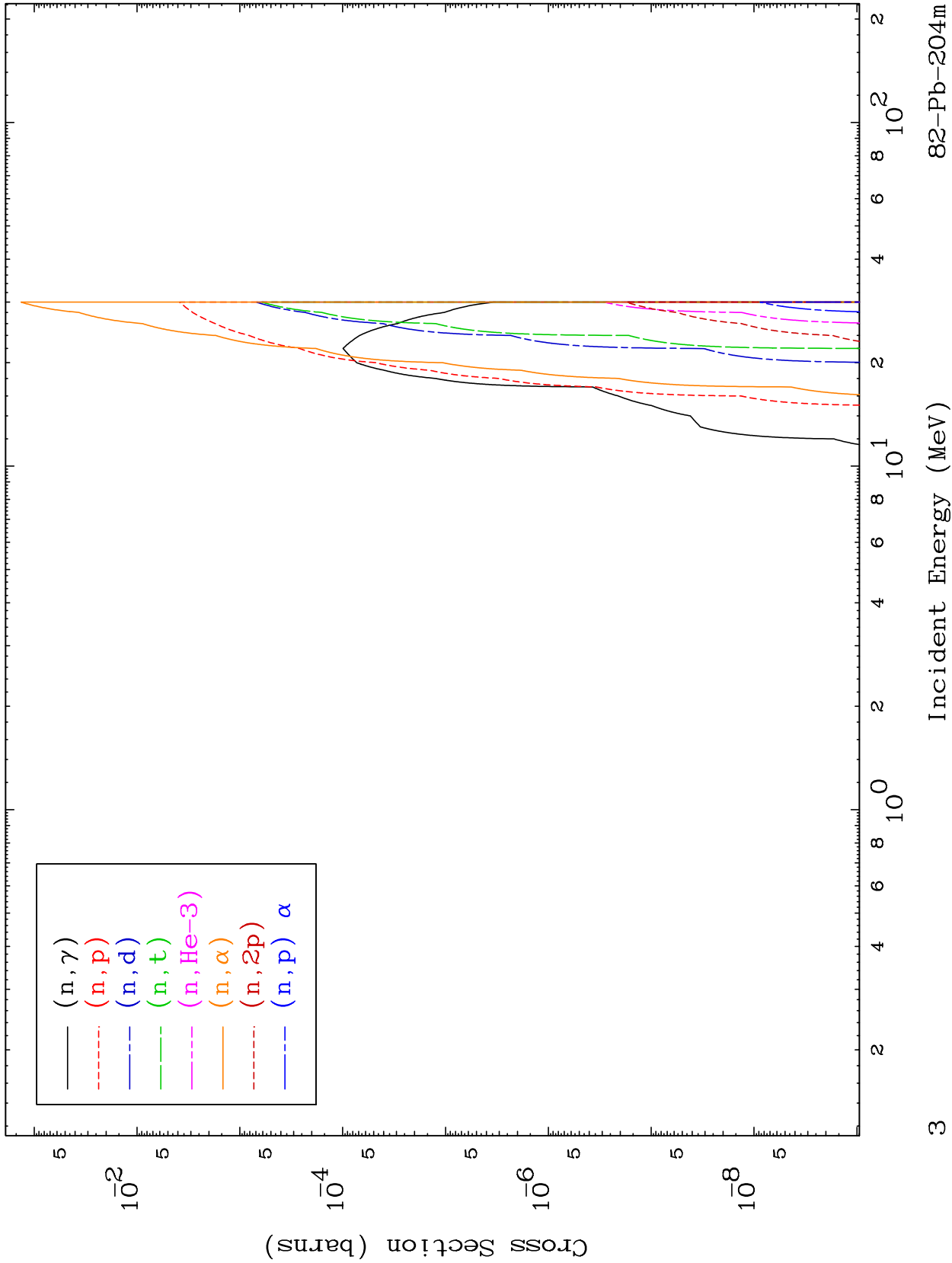
82-Pb-204m

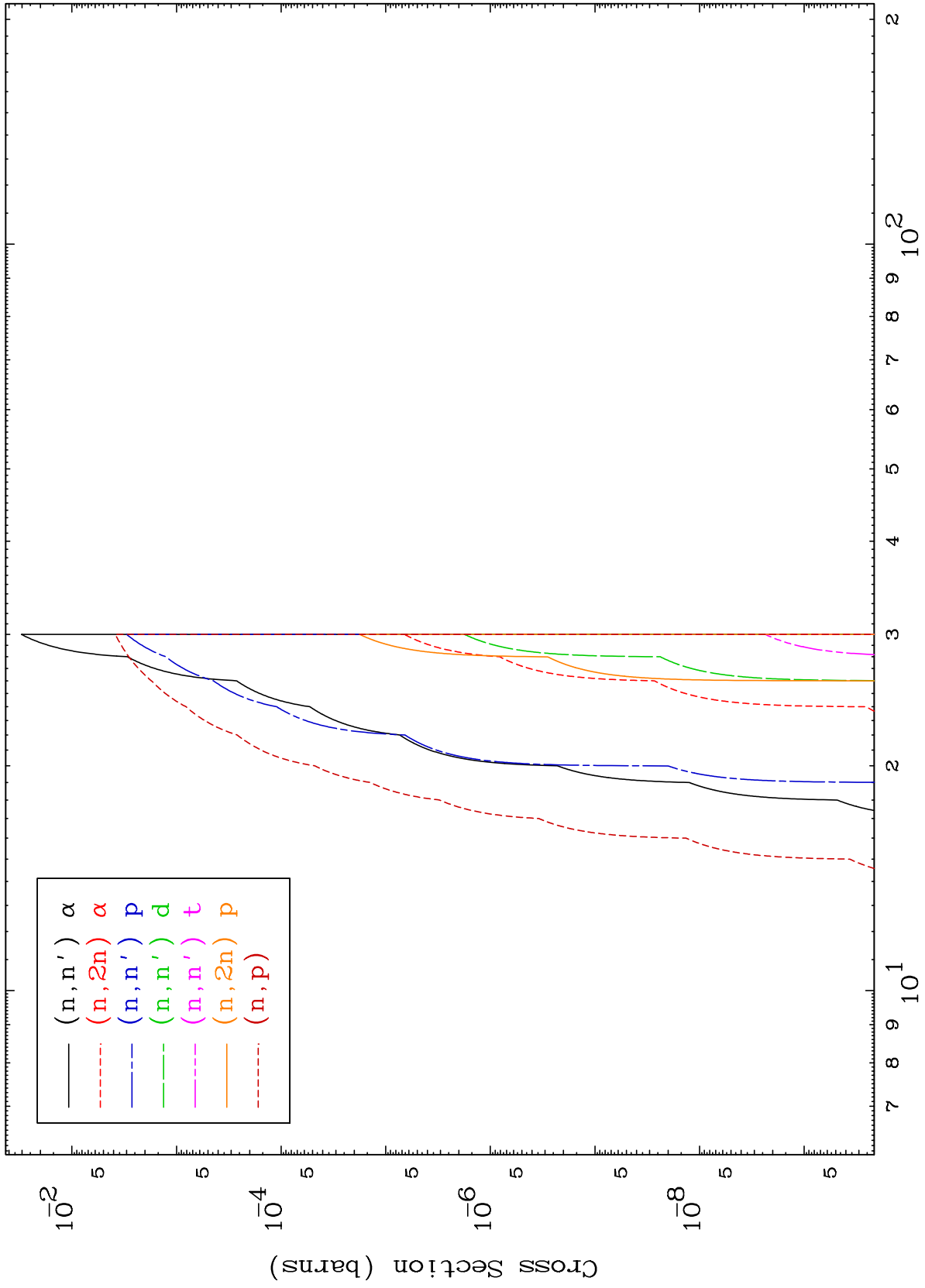


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α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-204m



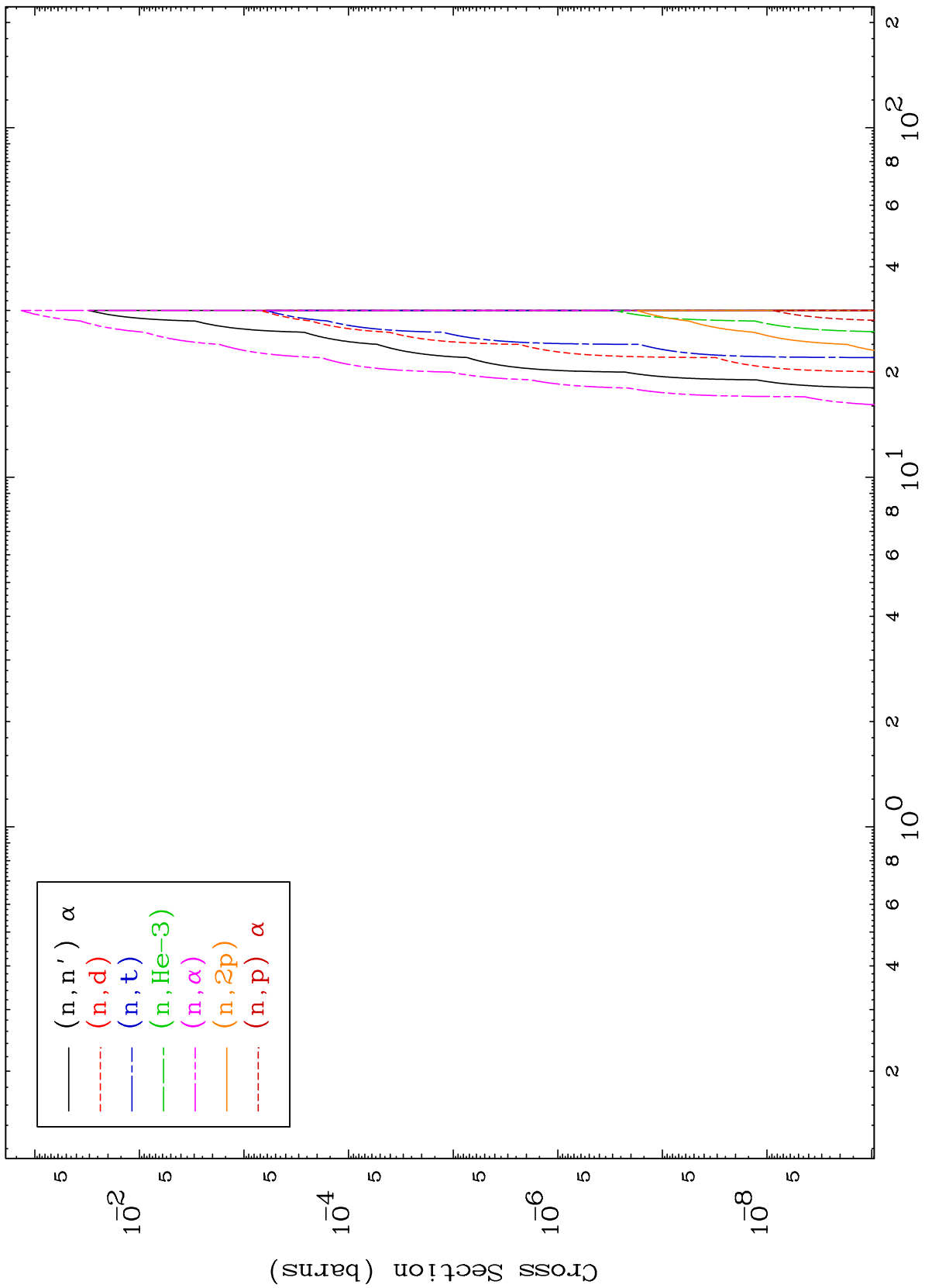


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α Charged Particle

82-Pb-204m

0 Kelvin Cross Sections



82-Pb-204m

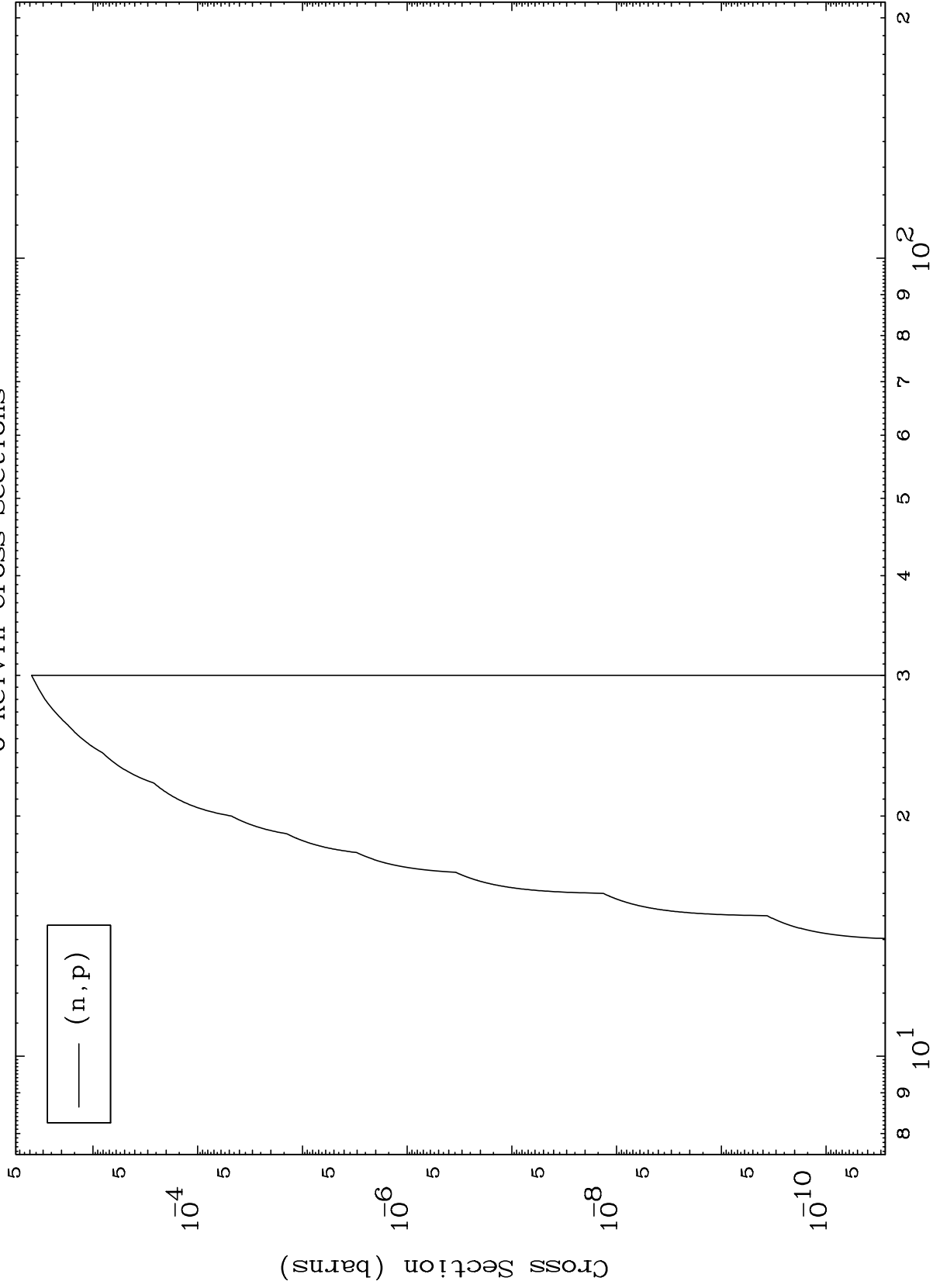
Incident Energy (MeV)

5

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(α, p) Levels
0 Kelvin Cross Sections

82-Pb-204m



Incident Energy (MeV)

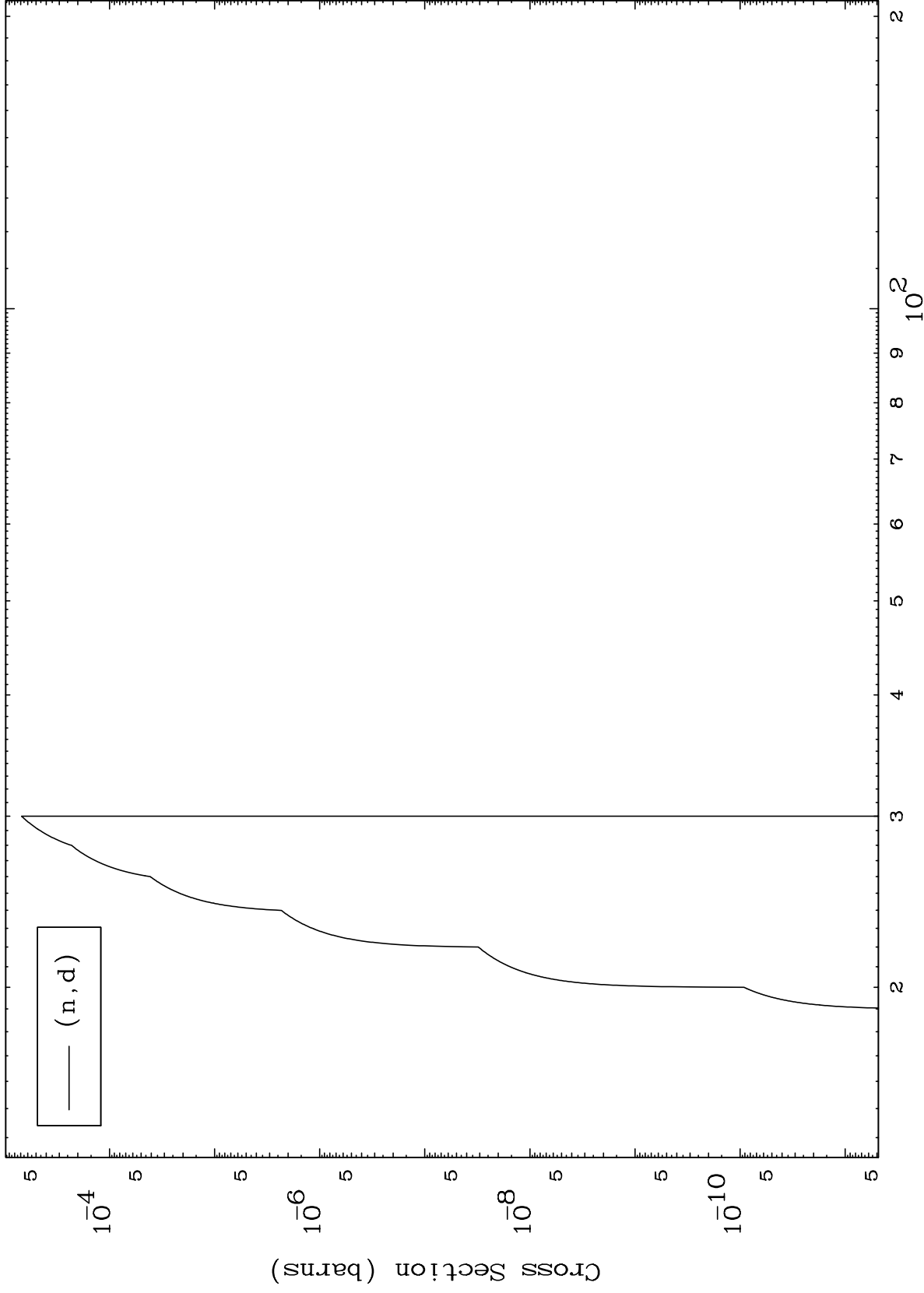
82-Pb-204m

6

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(α, d) Levels
0 Kelvin Cross Sections

82-Pb-204m



7

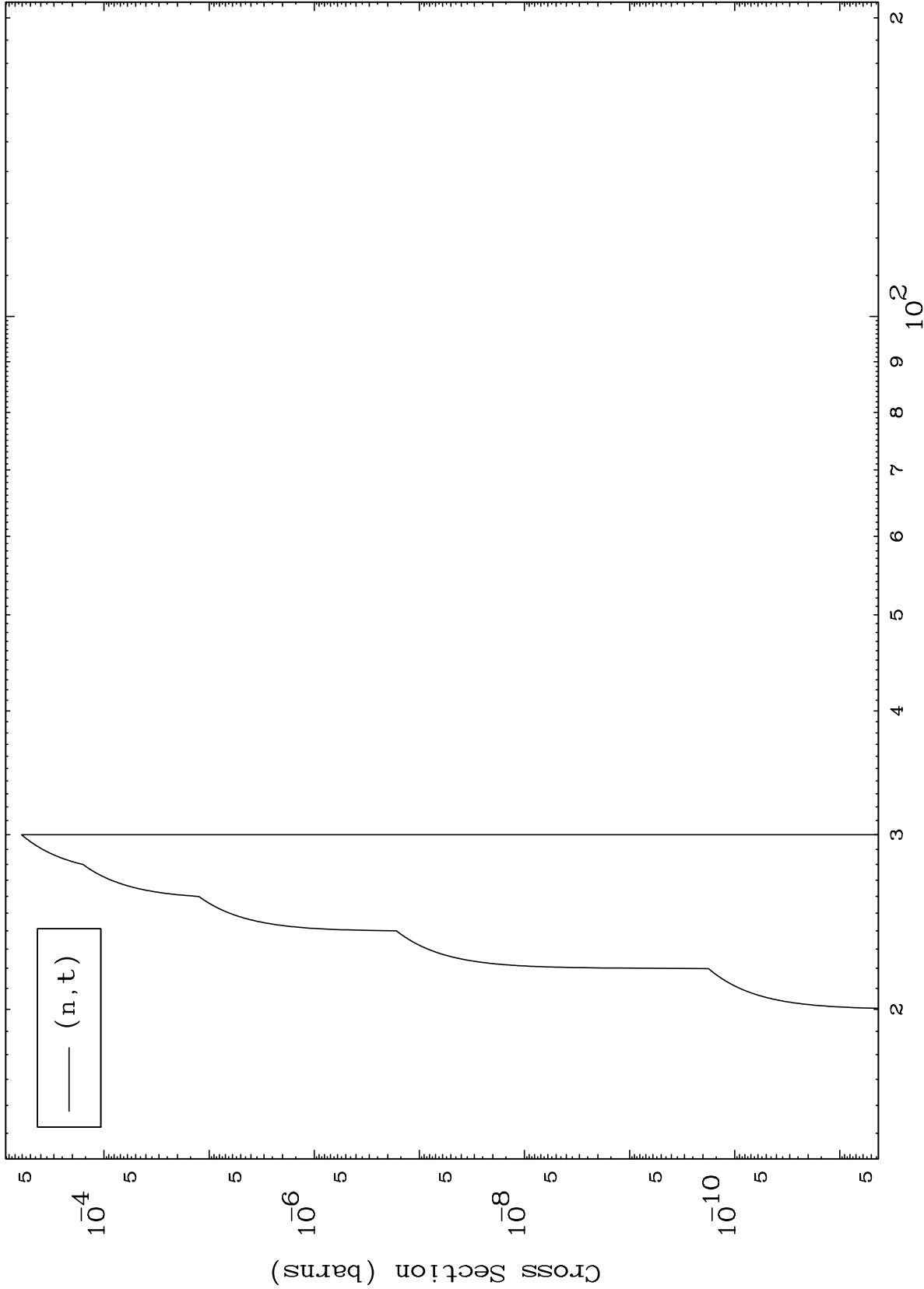
Incident Energy (MeV)

82-Pb-204m

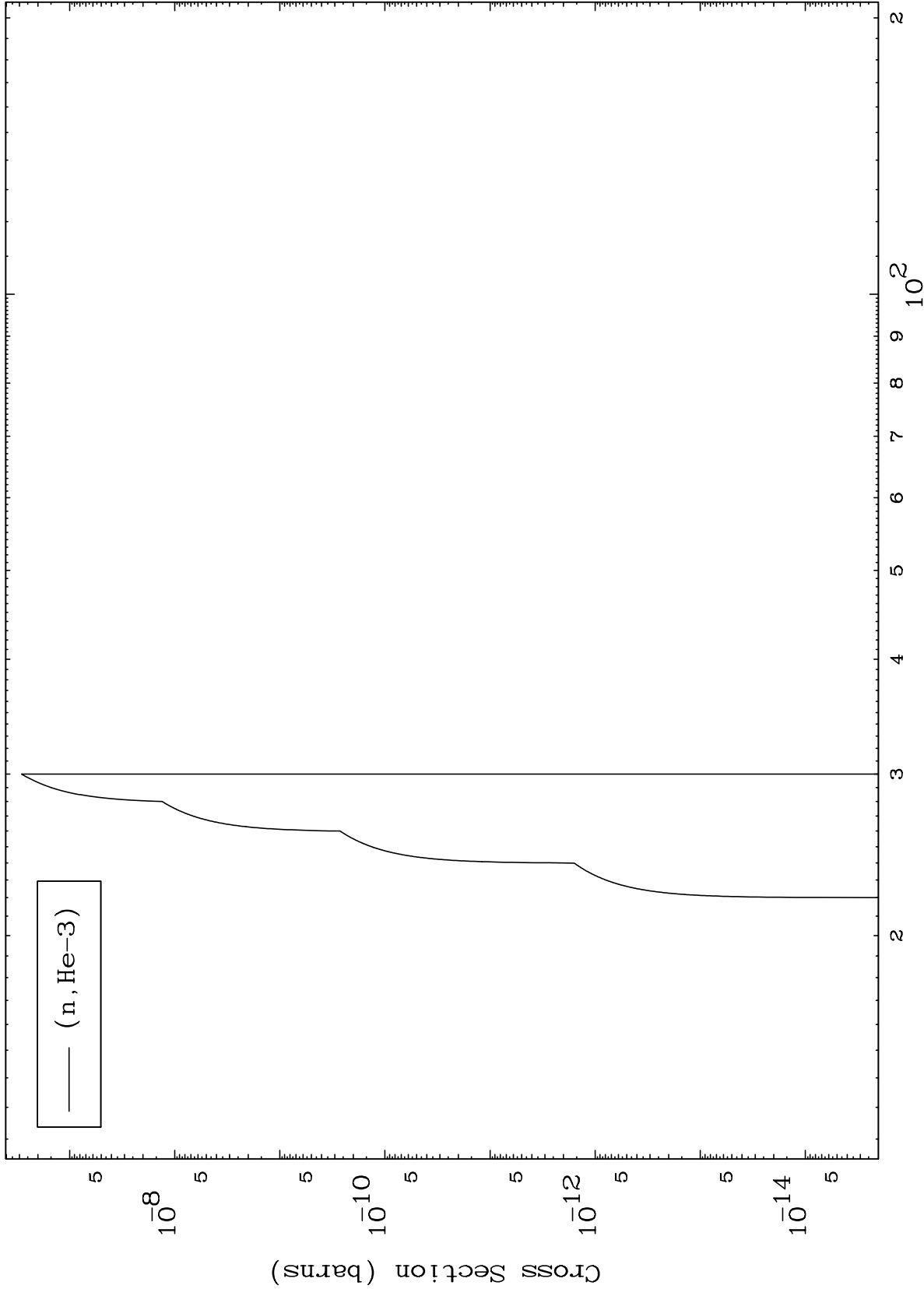
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(α, t) Levels
0 Kelvin Cross Sections

82-Pb-204m



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



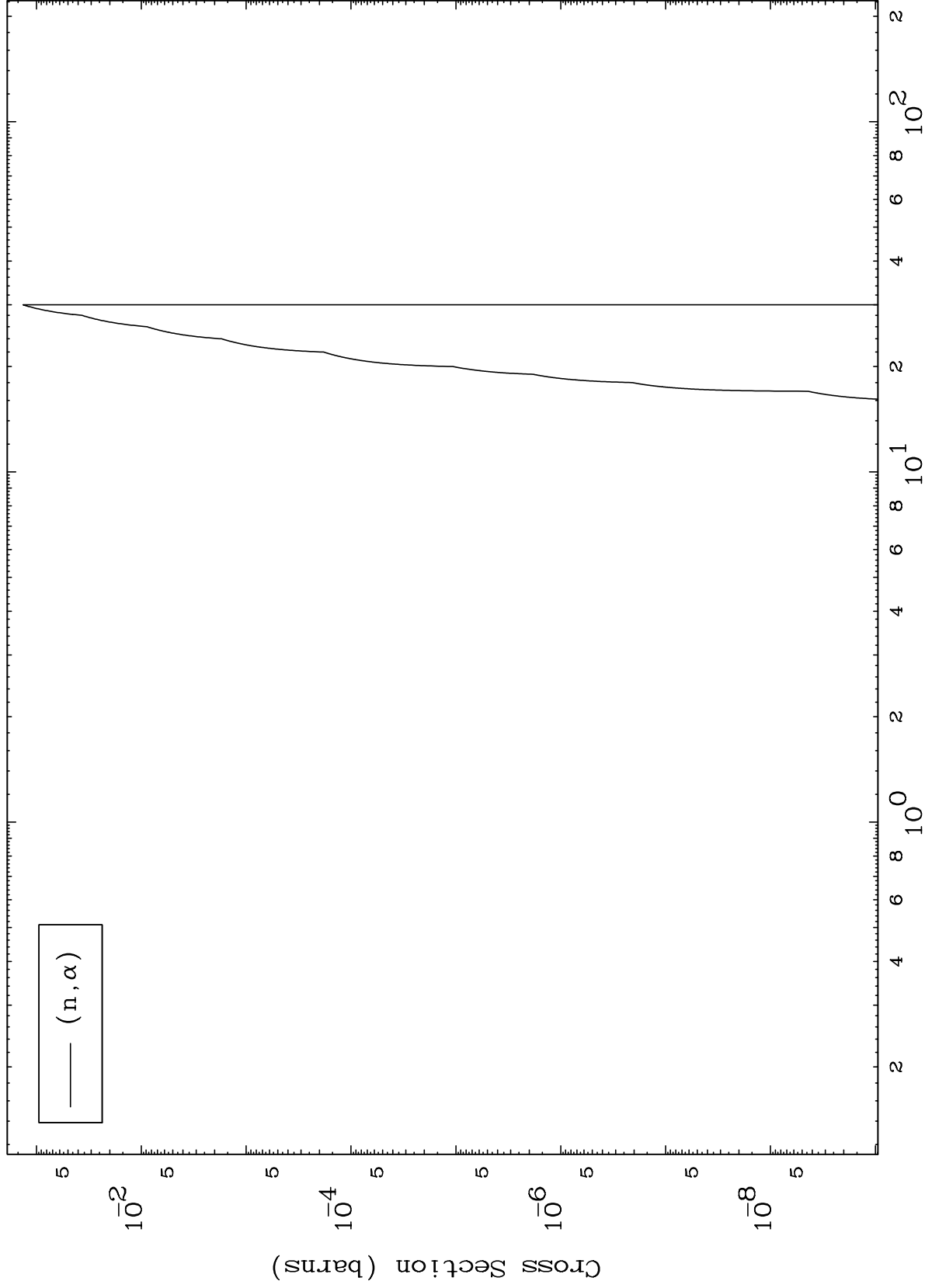
Incident Energy (MeV)

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(α, α) Levels

82-Pb-204m

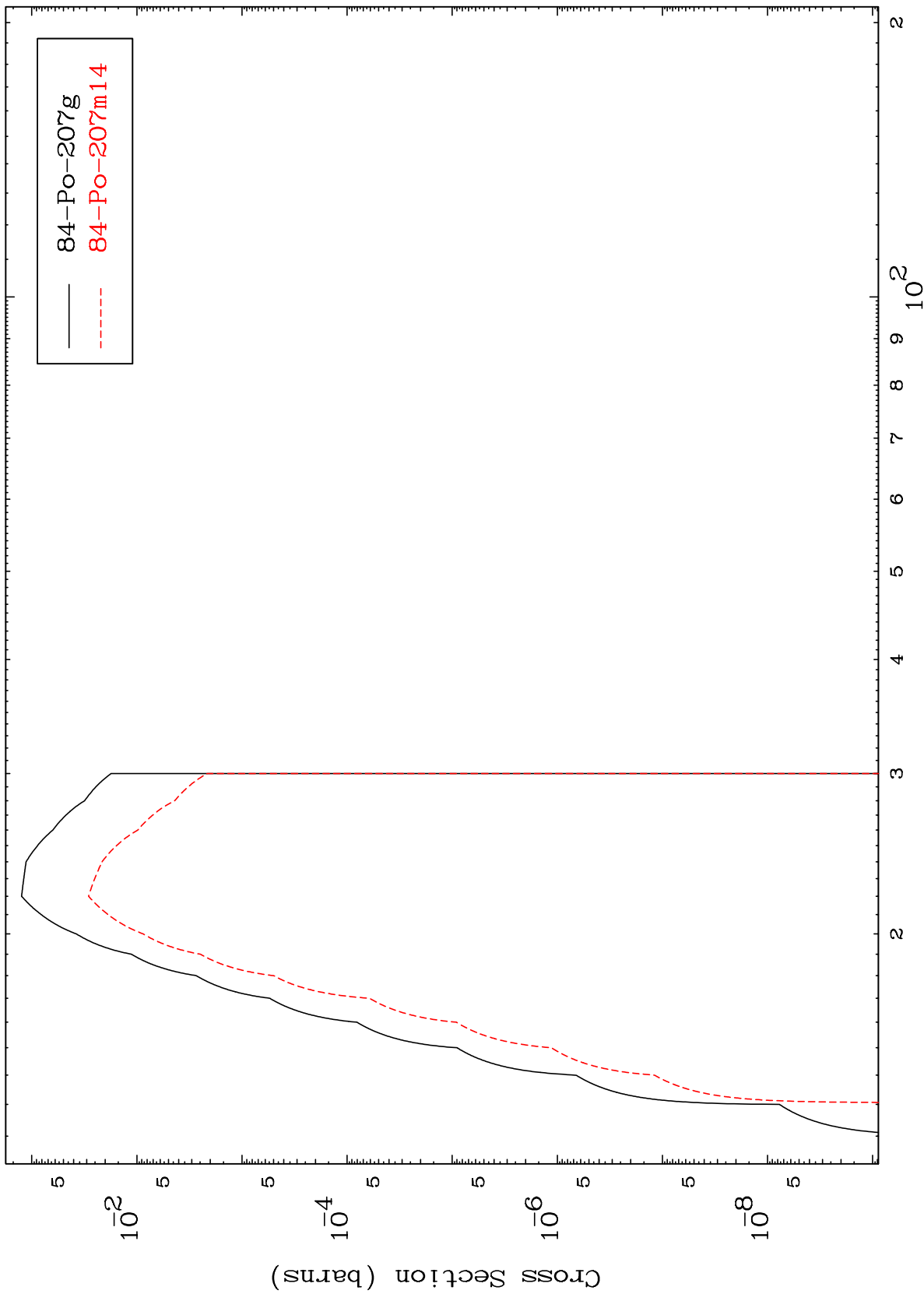
0 Kelvin Cross Sections



10

Incident Energy (MeV)

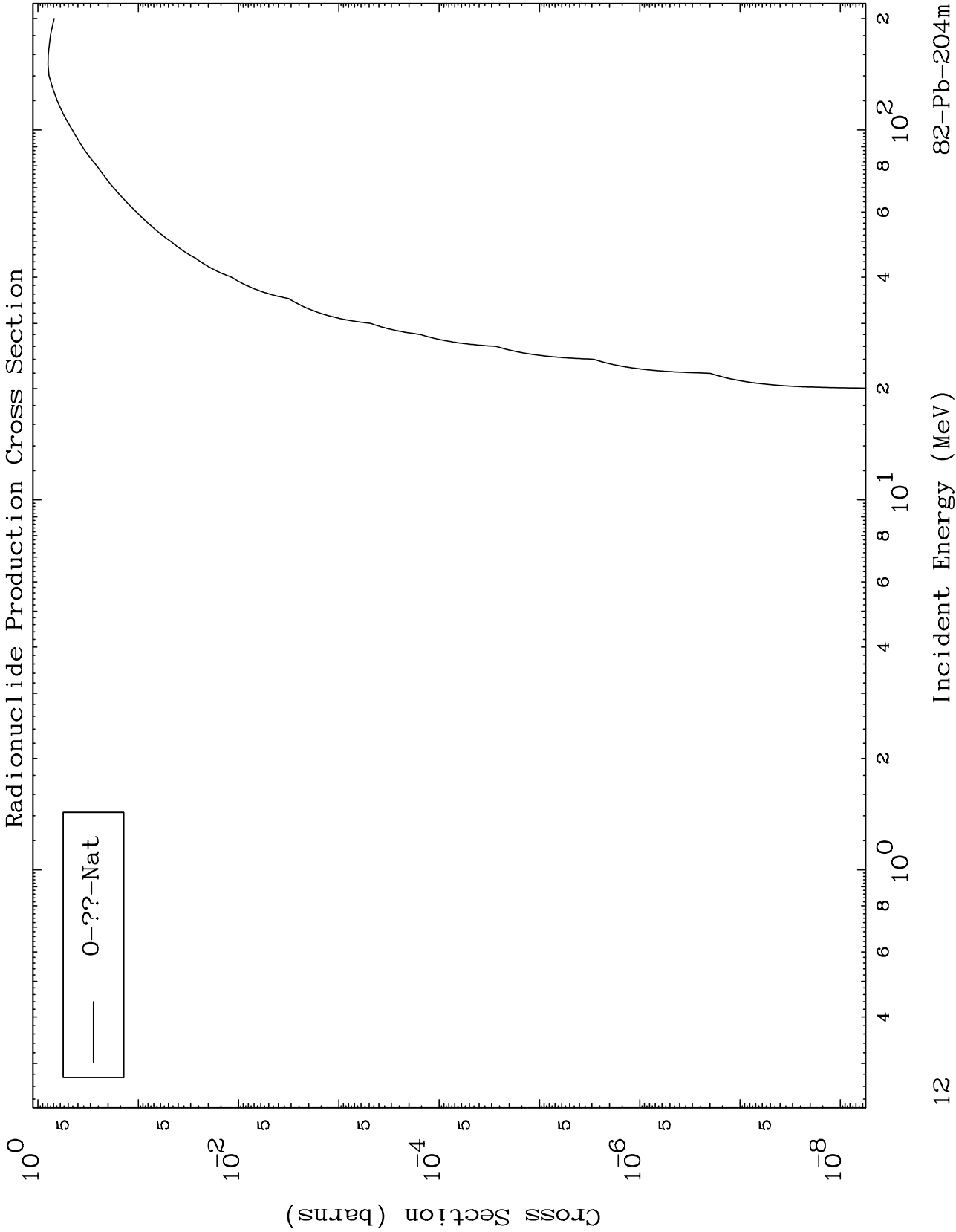
82-Pb-204m



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Fission

⁸²Pb-204m

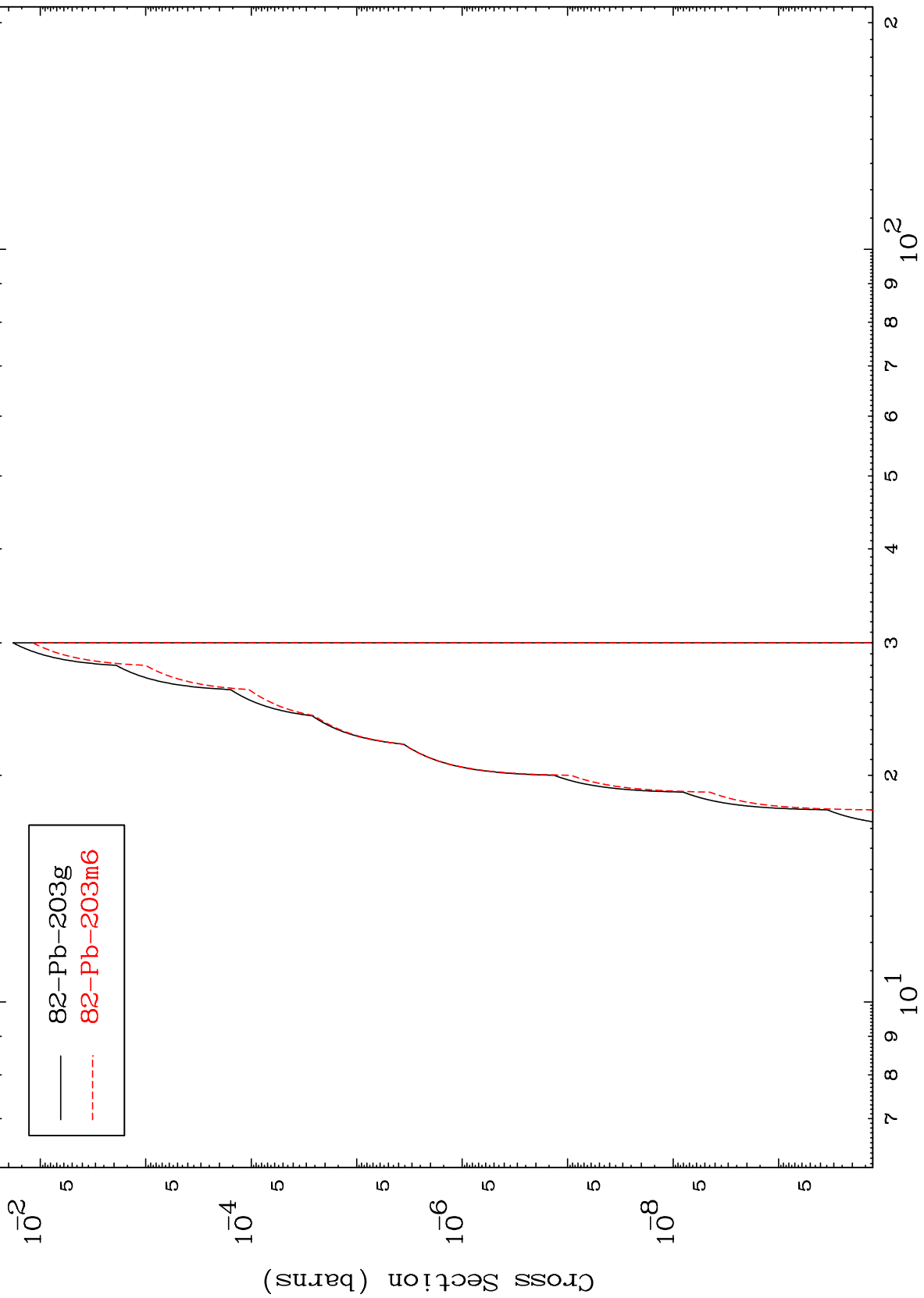


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$(n, n') \alpha$

82-Pb-204m

Radionuclide Production Cross Section



82-Pb-203g
82-Pb-203m6

13

Incident Energy (MeV)

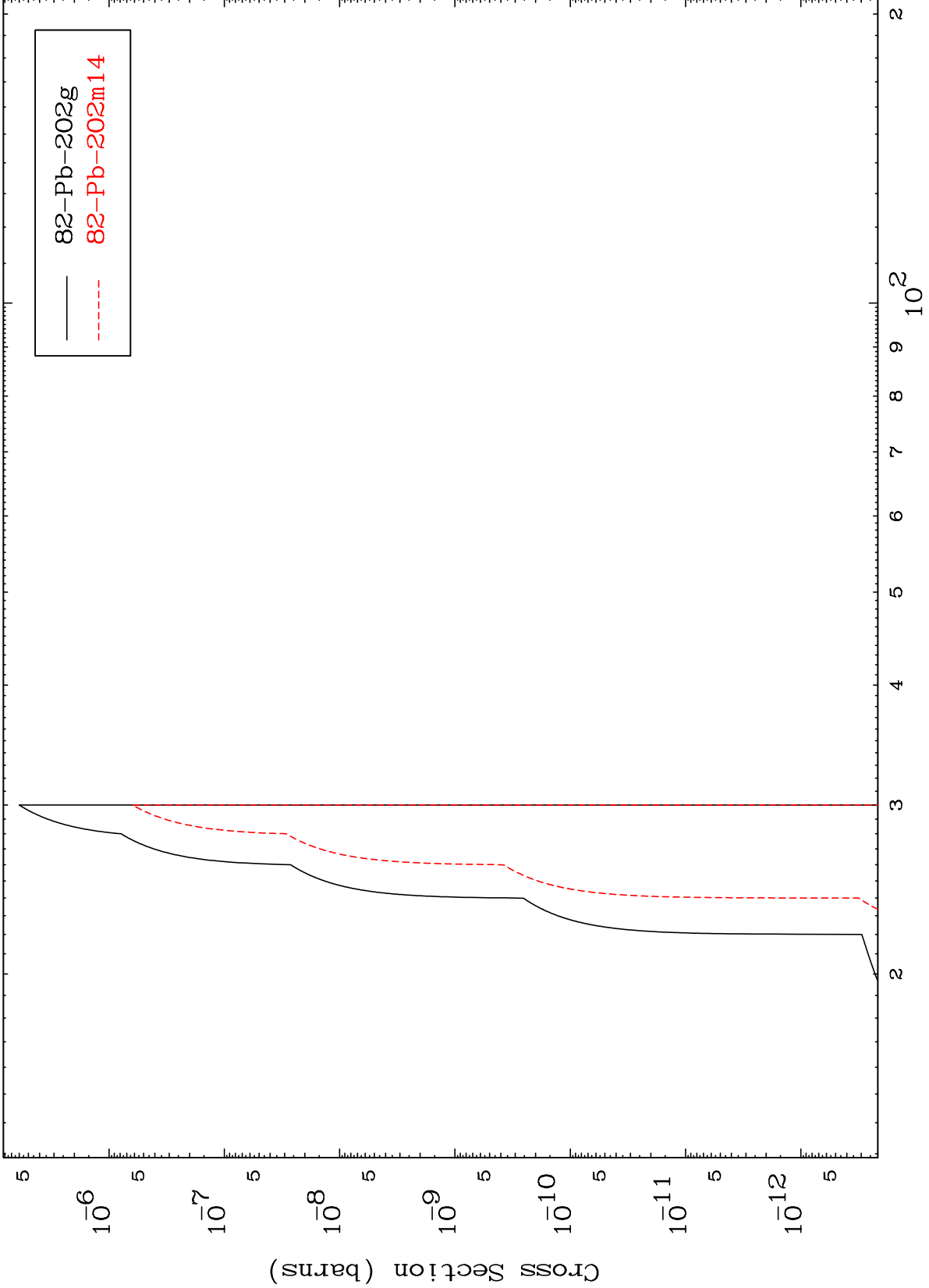
82-Pb-204m

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$(n,2n) \alpha$

82-Pb-204m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

82-Pb-204m