

Program EVALPLOT
(Version 2021-1)

by

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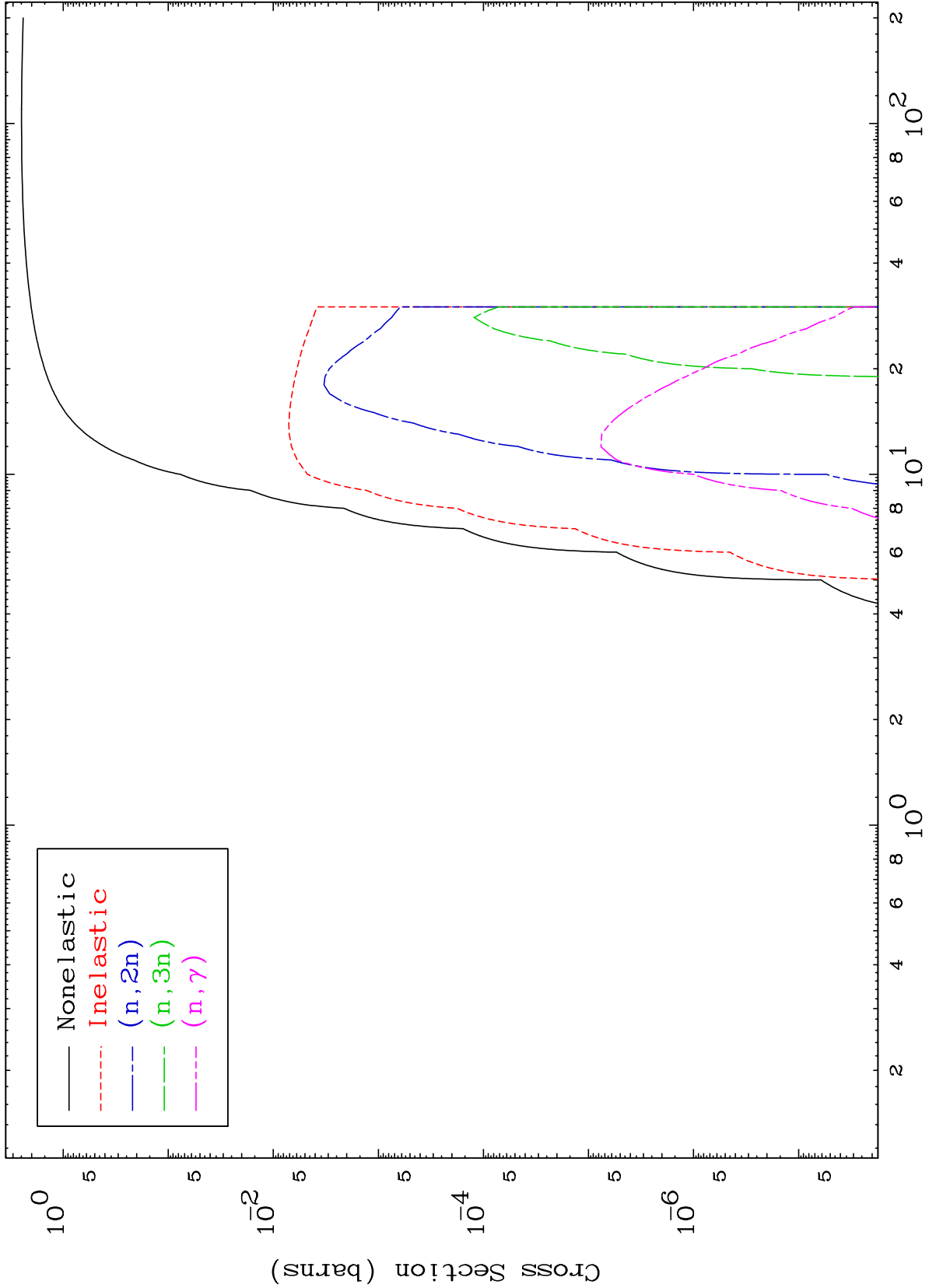
Press Mouse Button to Start

MAT 8175

Triton Major

82-Pb-187m

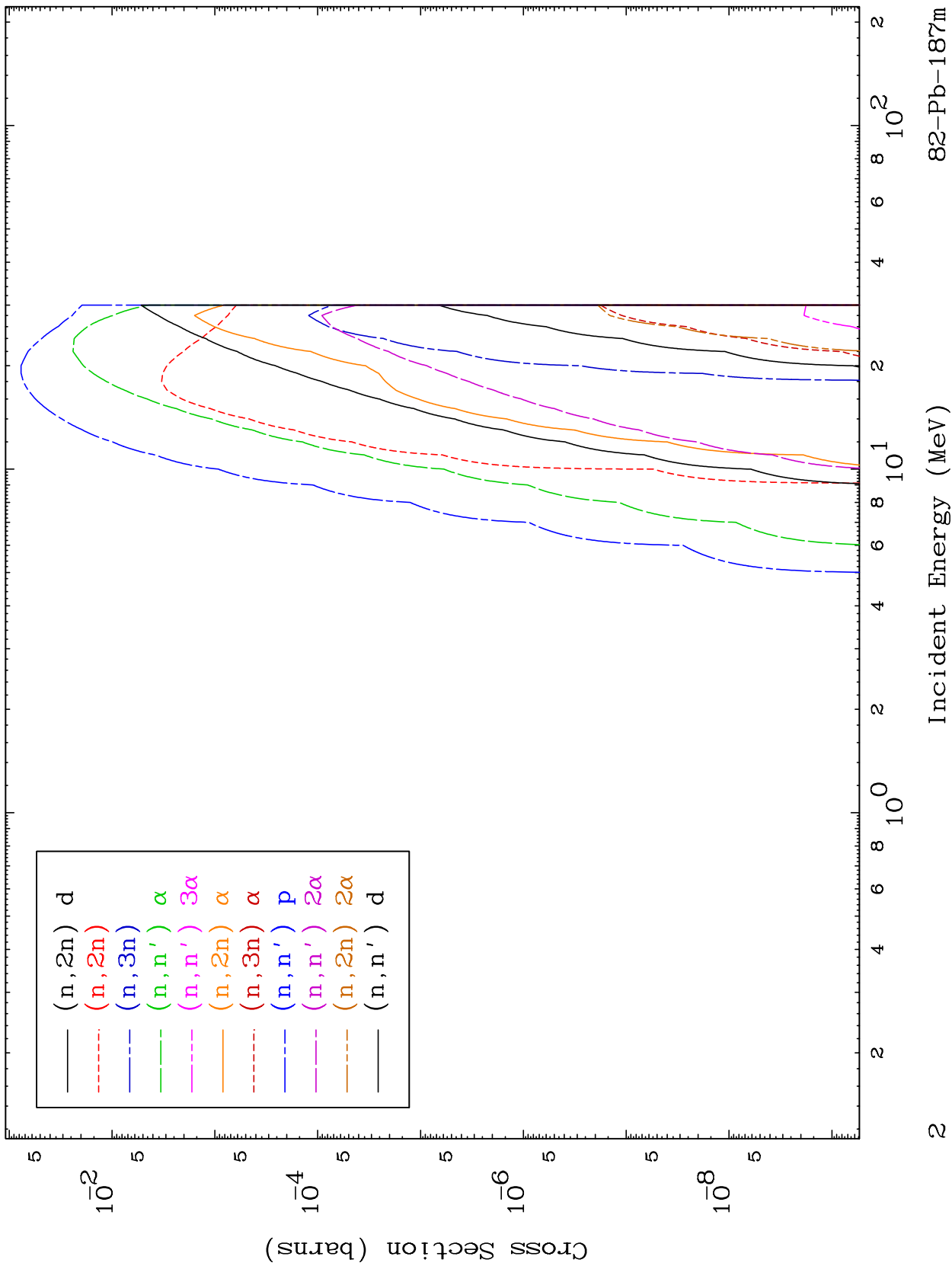
0 Kelvin Cross Sections



MAT 8175

Triton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-187m



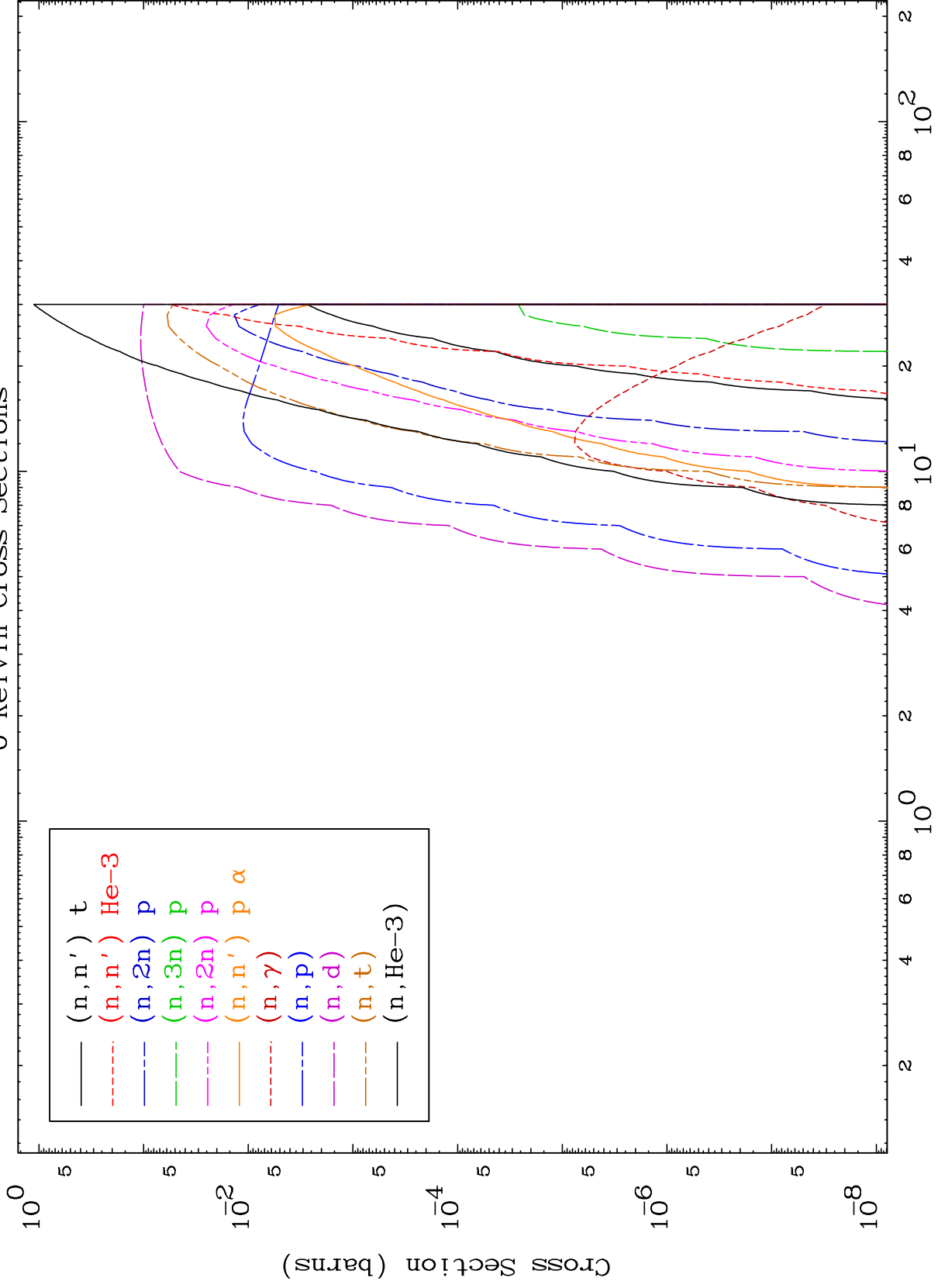
82-Pb-187m

Incident Energy (MeV)

MAT 8175

Triton Neutron Absorption
0 Kelvin Cross Sections

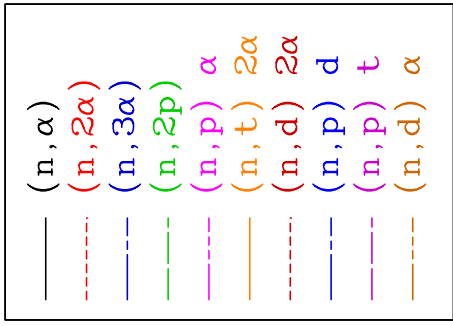
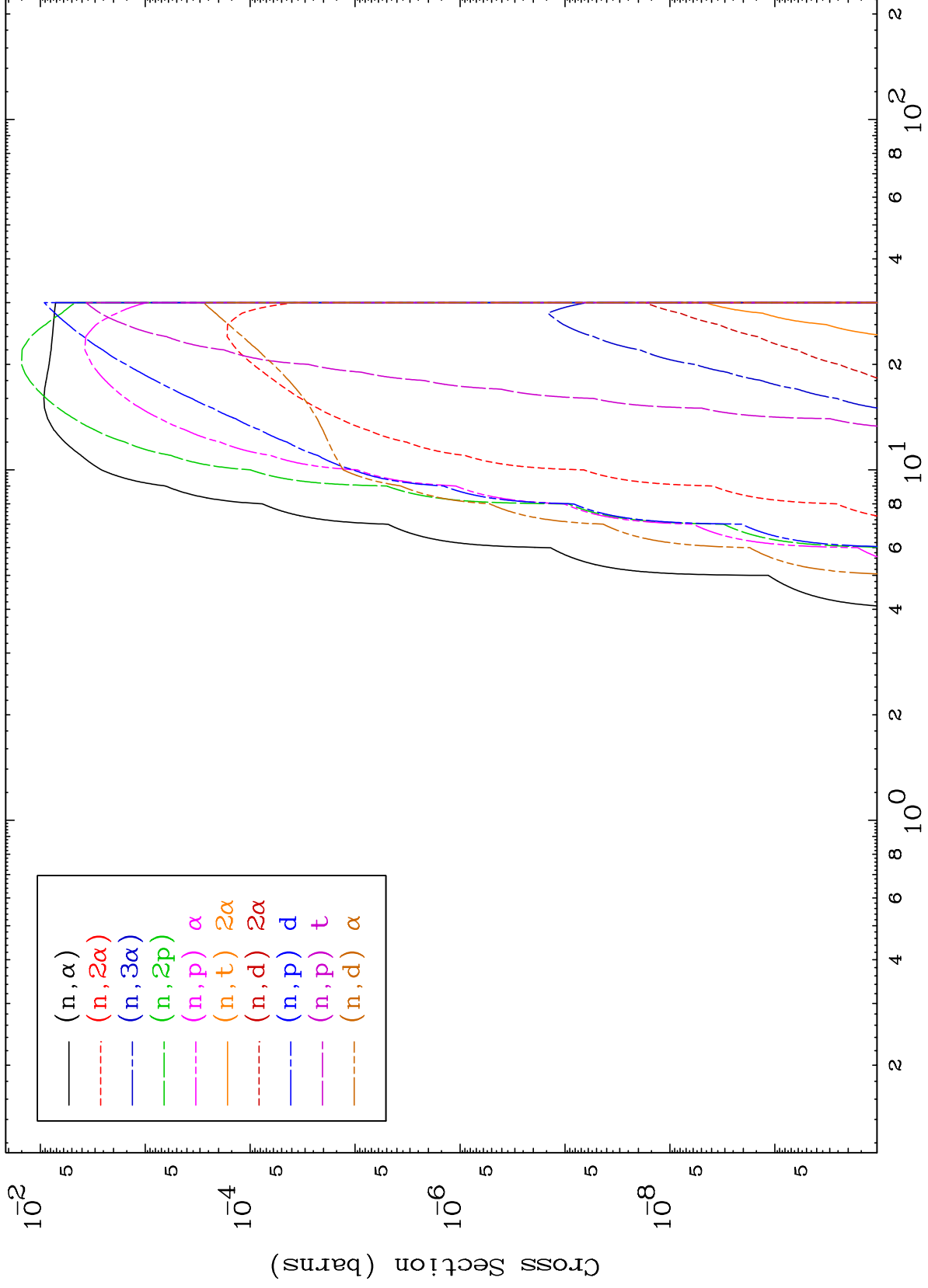
82-Pb-187m



MAT 8175

Triton Neutron Absorption
0 Kelvin Cross Sections

82-Pb-187m



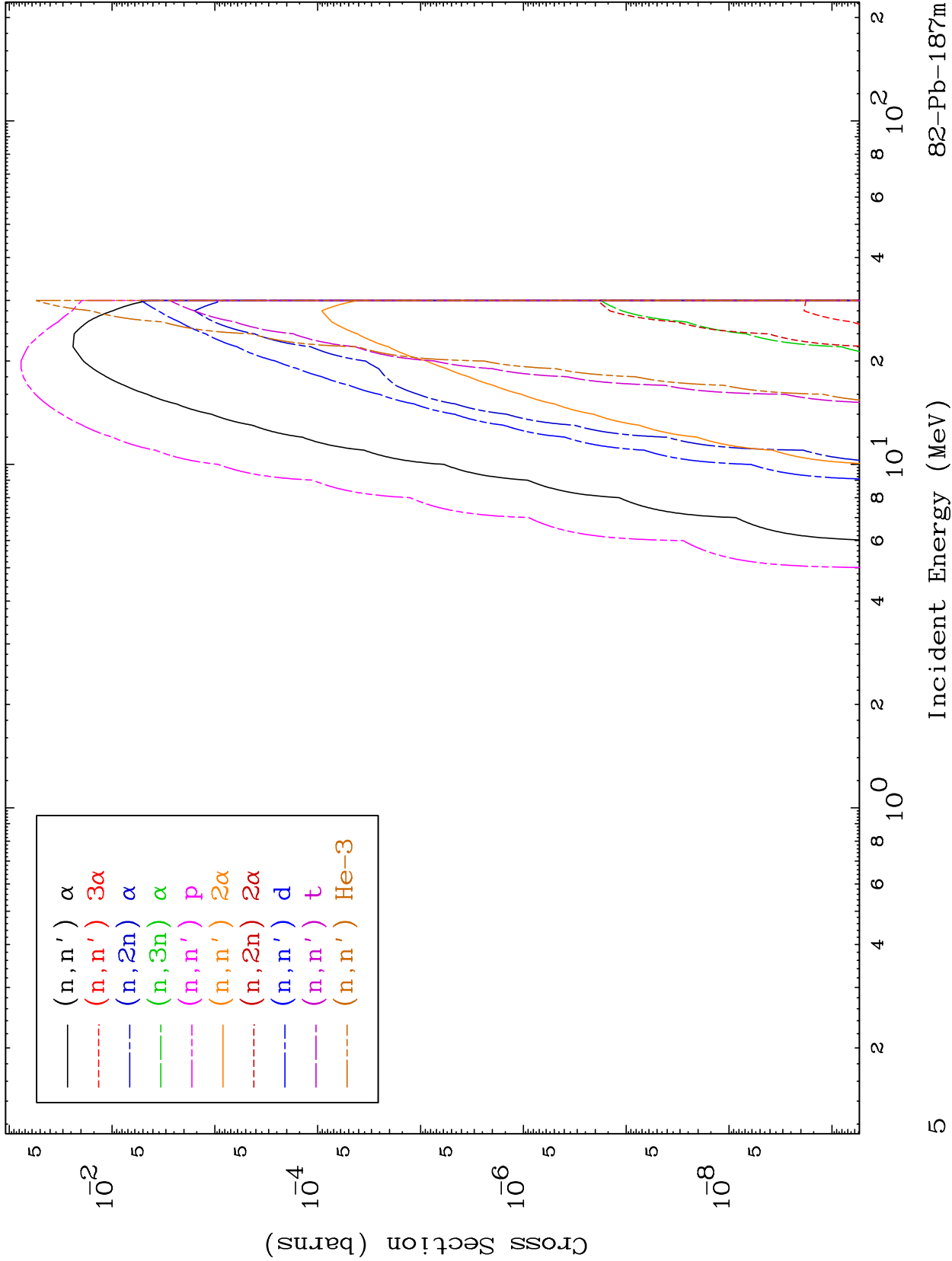
Incident Energy (MeV)

82-Pb-187m

MAT 8175

Triton Charged Particle
0 Kelvin Cross Sections

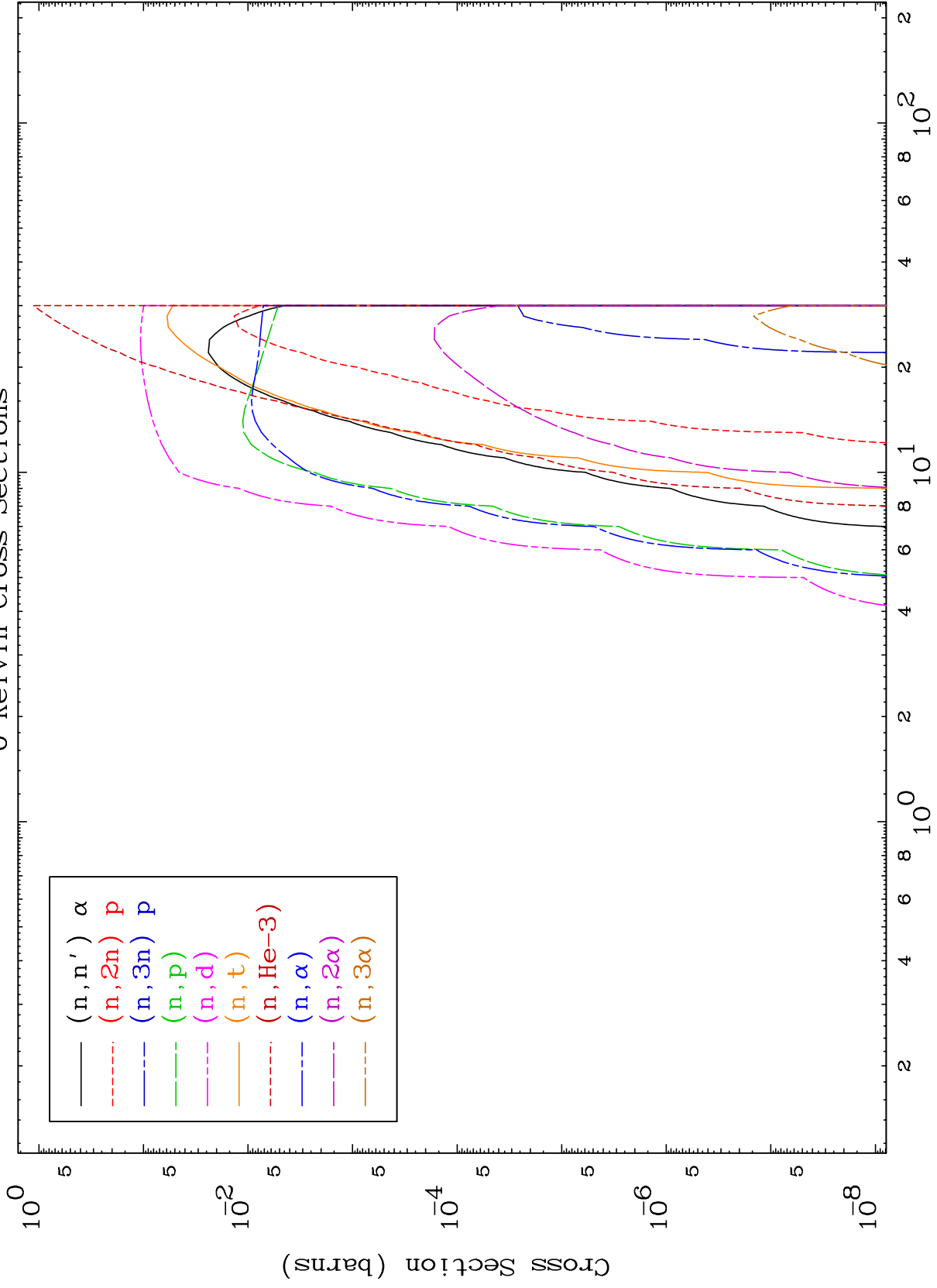
82-Pb-187m



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Triton Charged Particle
0 Kelvin Cross Sections

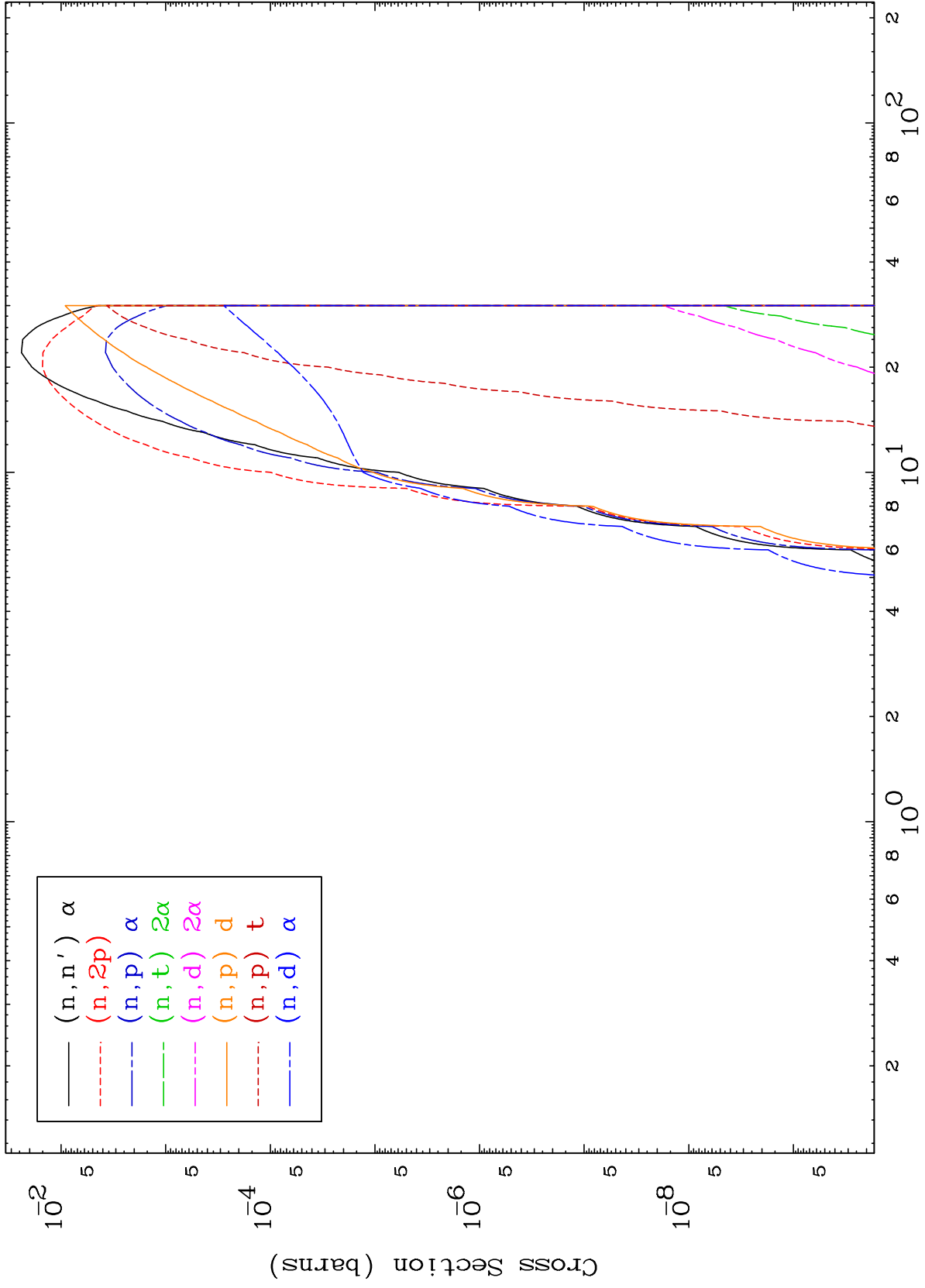
82-Pb-187m



MAT 8175

Triton Charged Particle
0 Kelvin Cross Sections

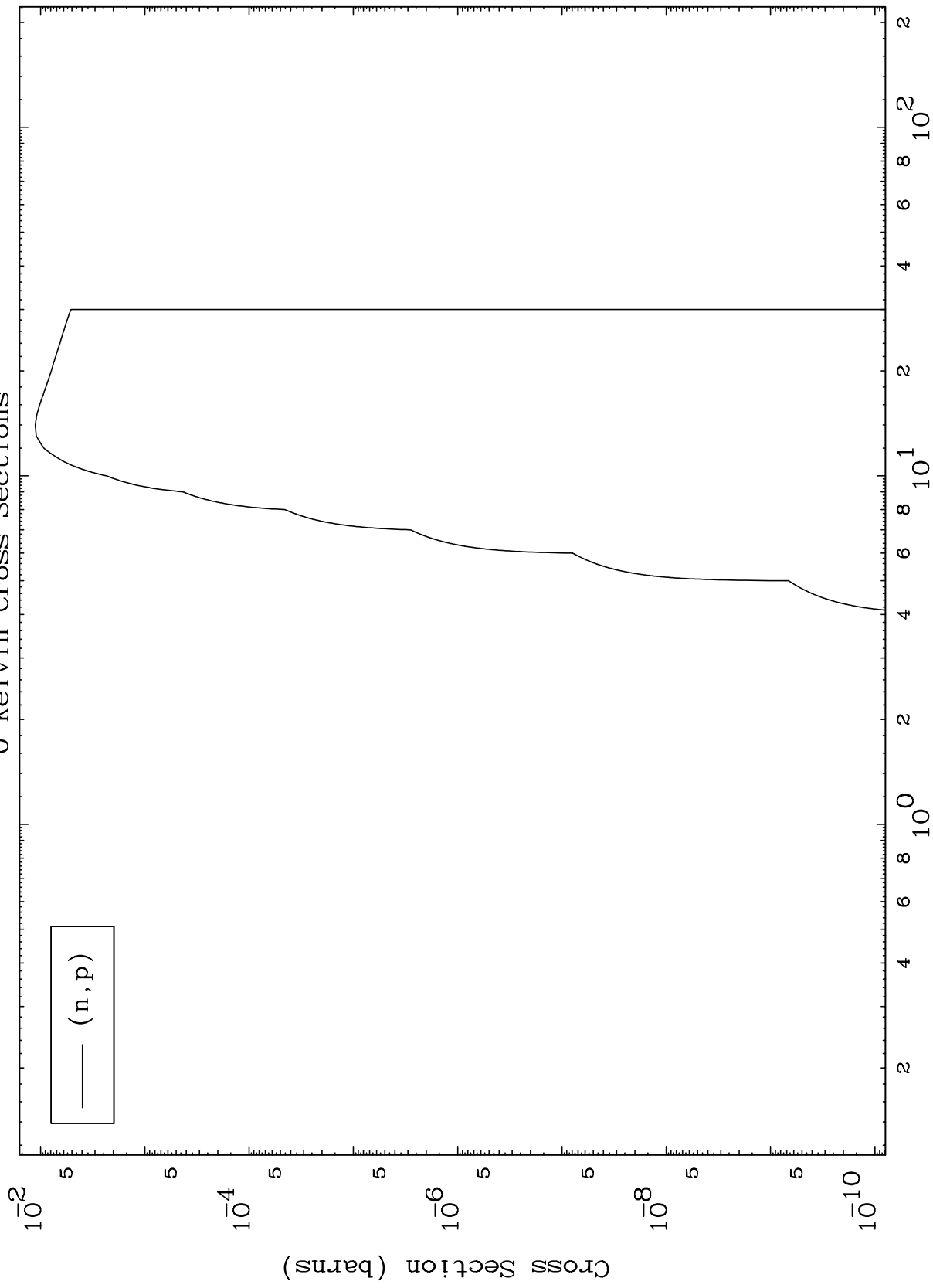
82-Pb-187m



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82-Pb-187m

(t,p) Levels
0 Kelvin Cross Sections



82-Pb-187m

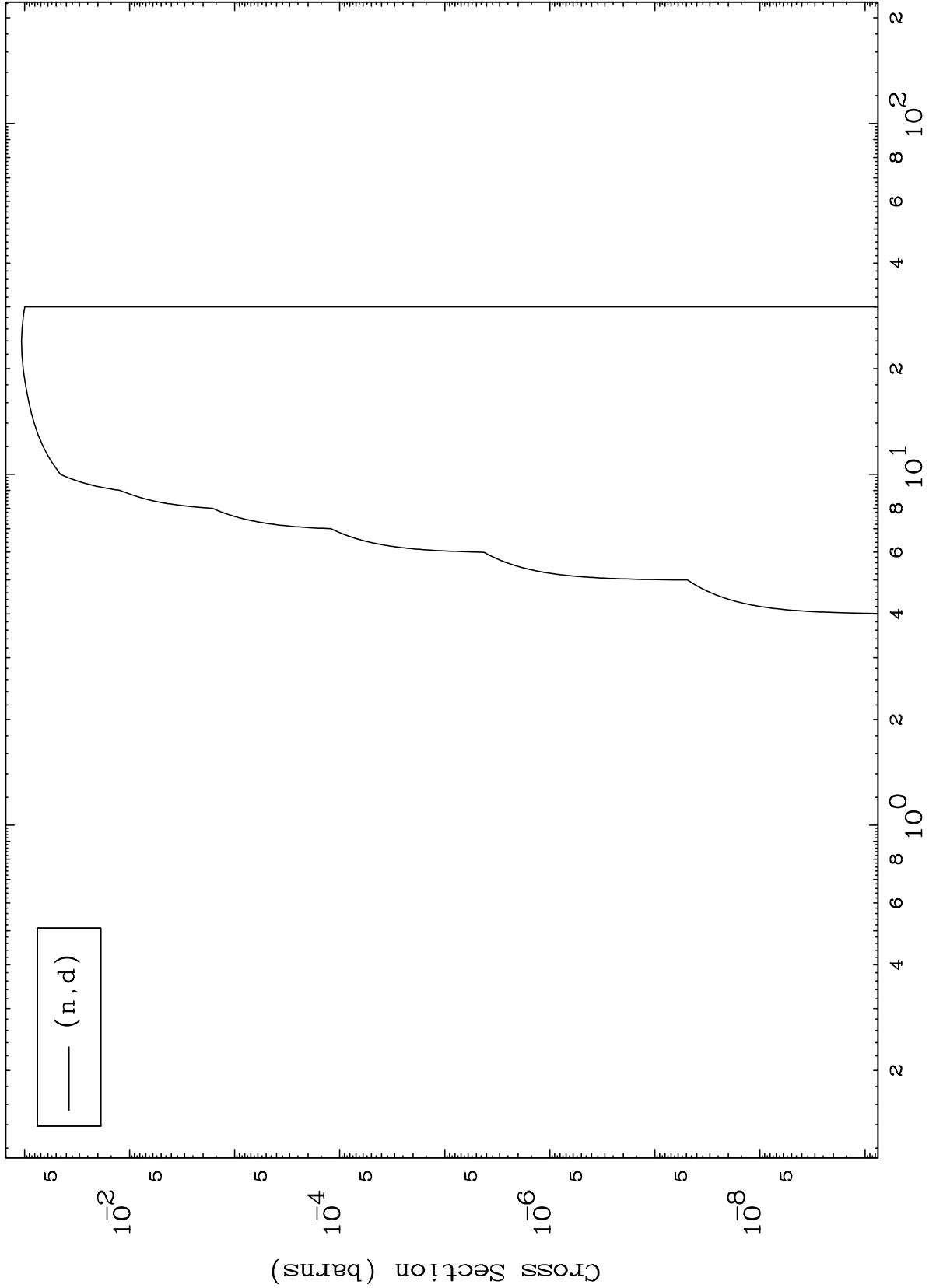
Incident Energy (MeV)

MAT 8175

(t,d) Levels

82-Pb-187m

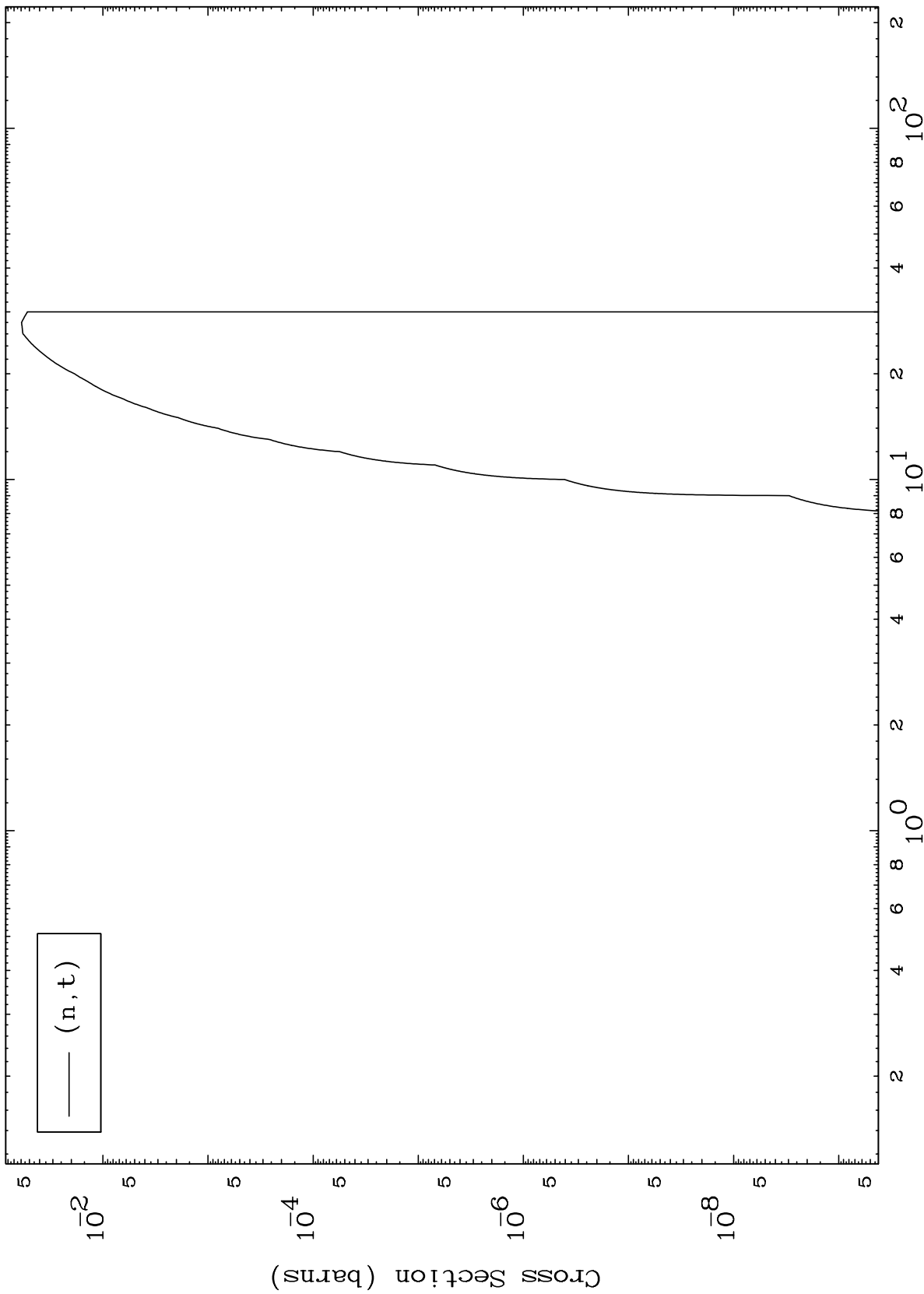
0 Kelvin Cross Sections



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82-Pb-187m

(t, t) Levels
0 Kelvin Cross Sections



82-Pb-187m

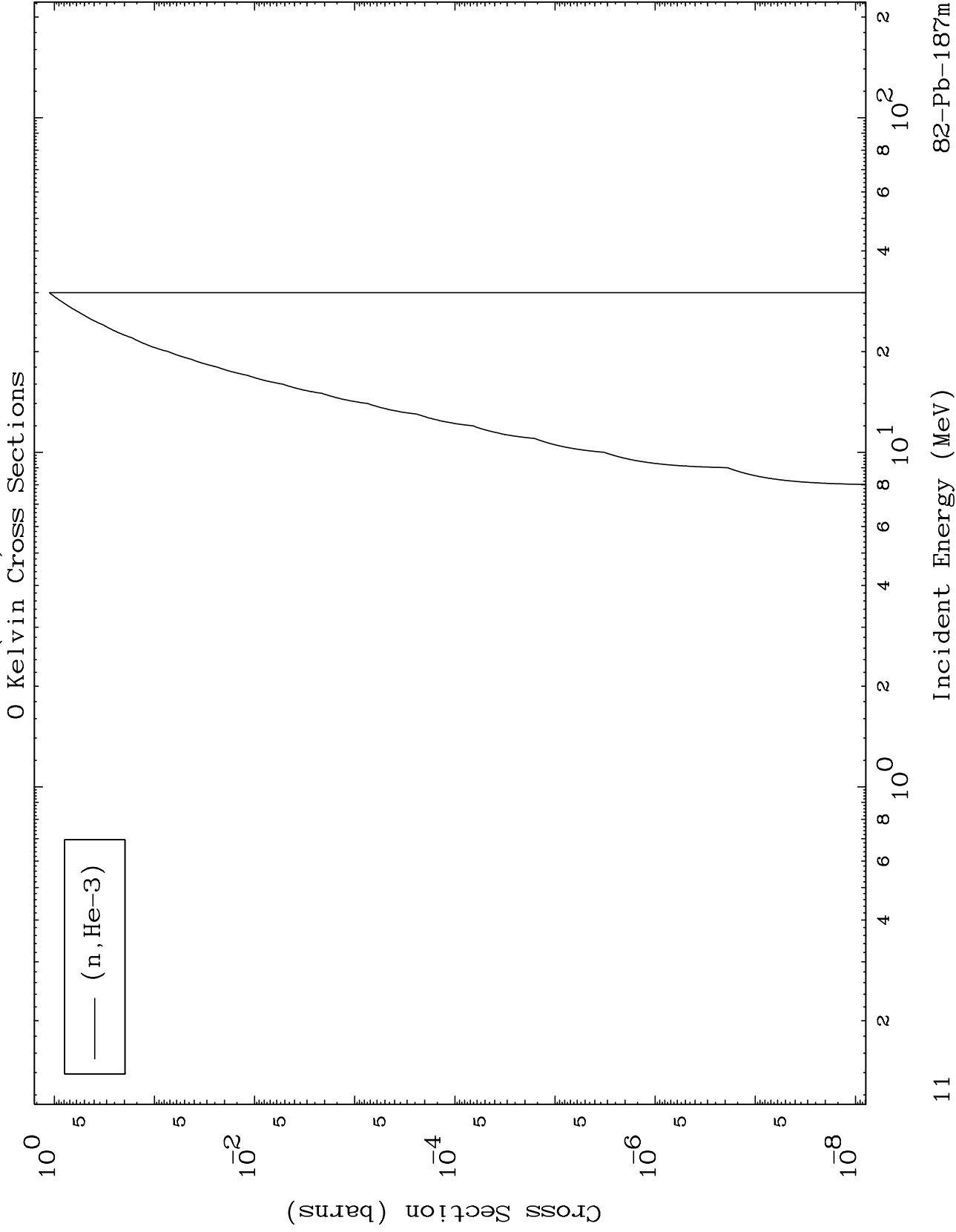
Incident Energy (MeV)

10

MAT 8175

(t,He3) Levels

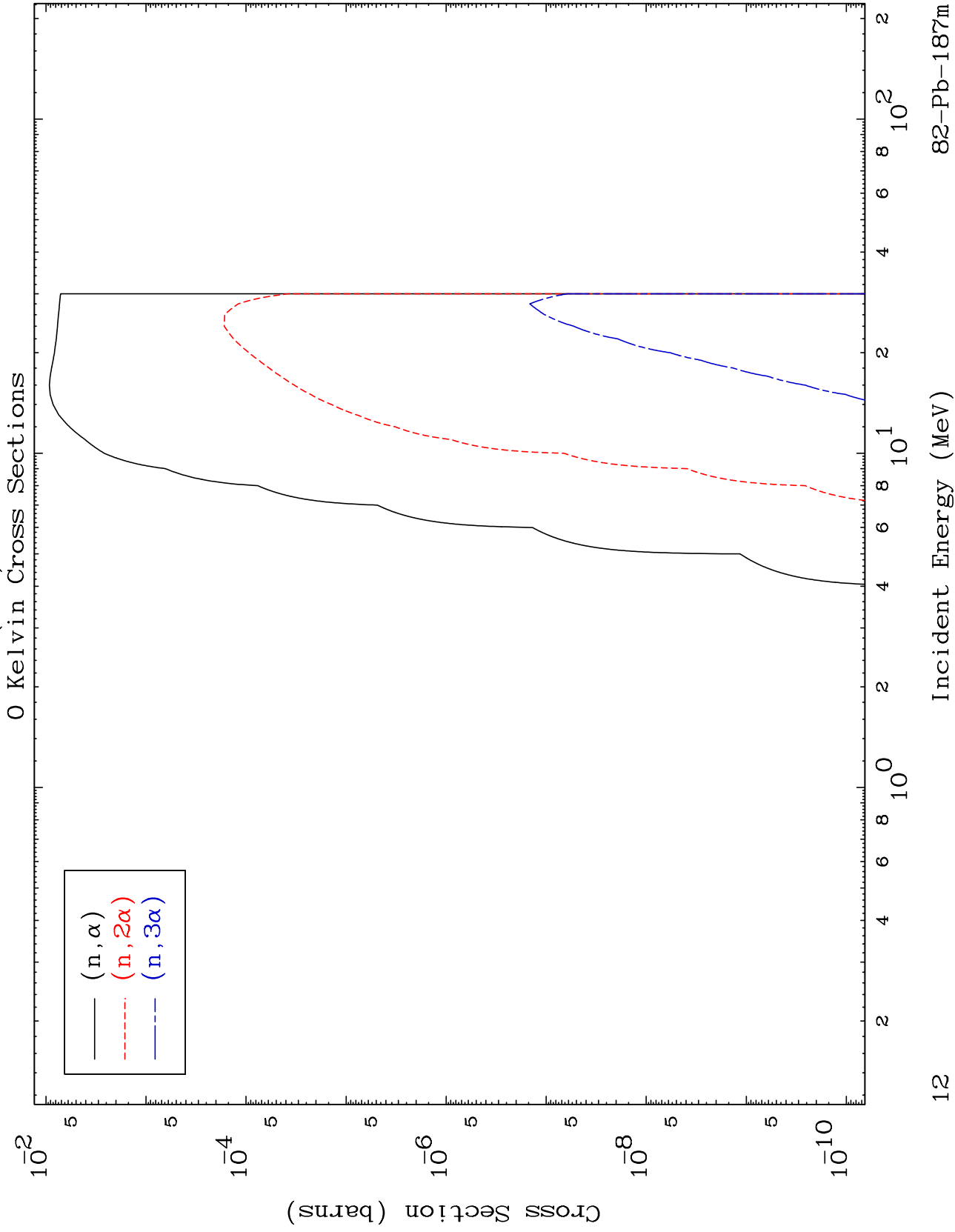
82-Pb-187m



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(t, α) Levels

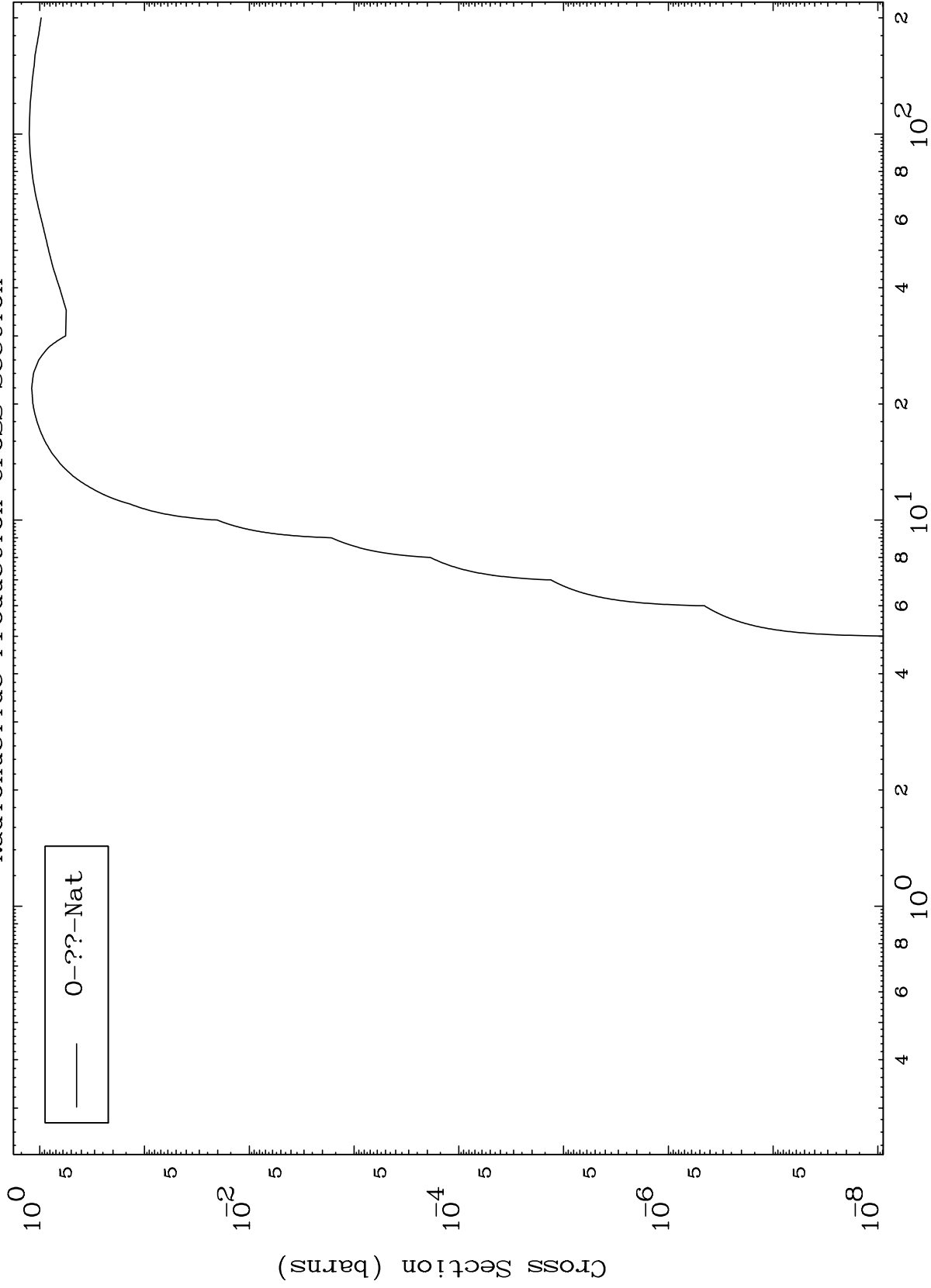
82-Pb-187m



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Fission
Radionuclide Production Cross Section

$^{82}\text{Pb-187m}$

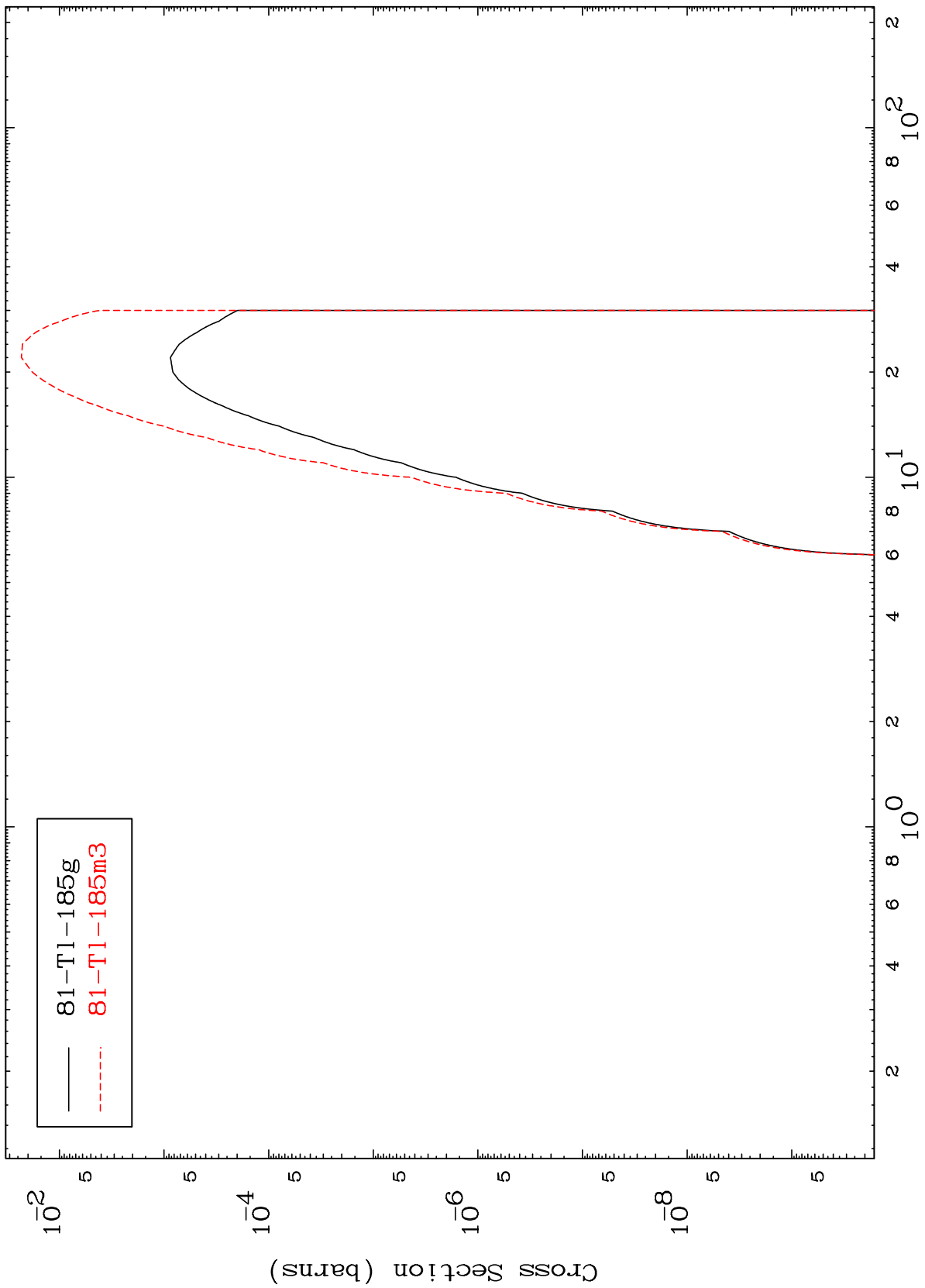


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$(n, n') \alpha$

82-Pb-187m

Radionuclide Production Cross Section



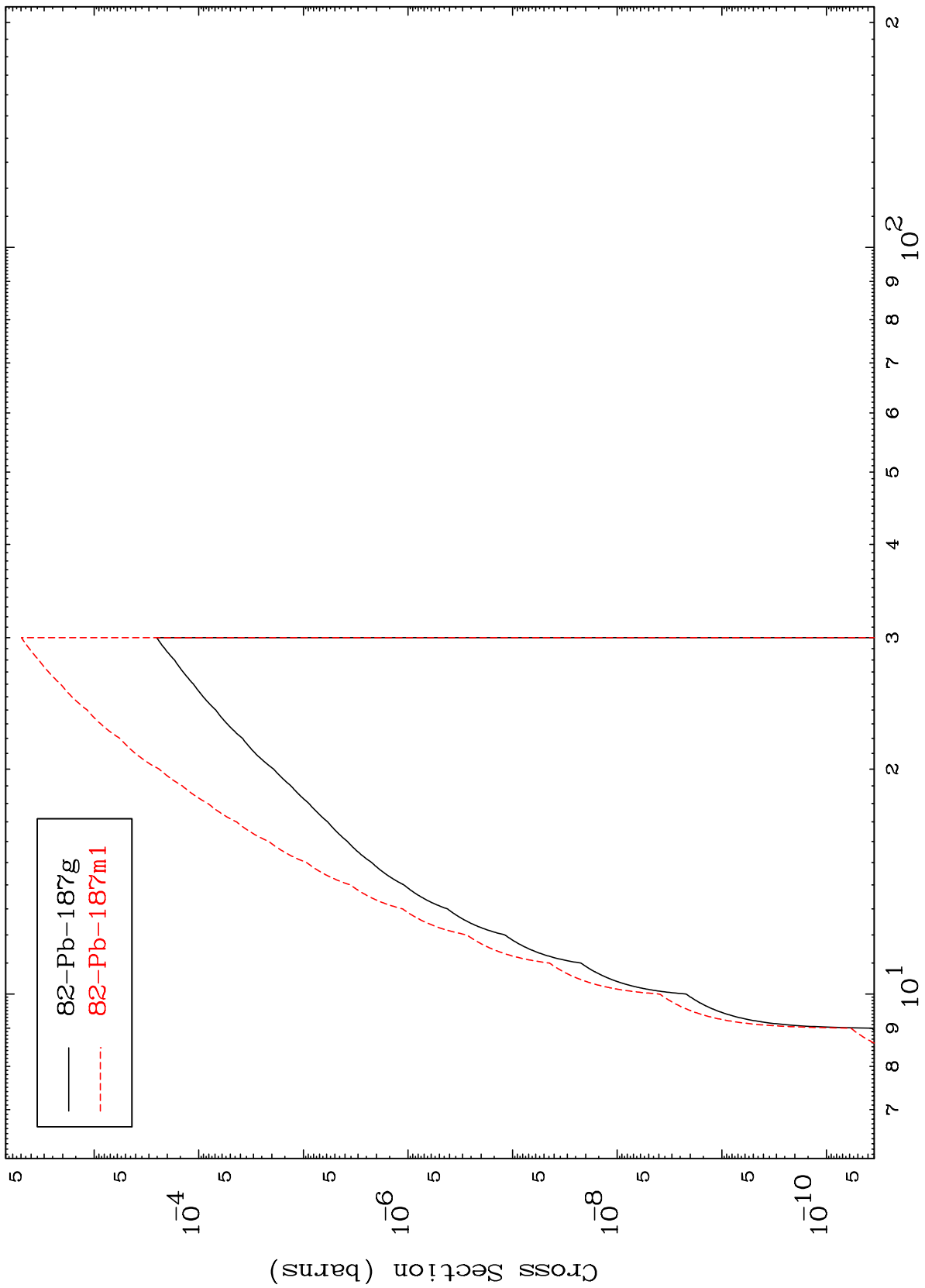
81-Tl-185g
81-Tl-185m3

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(n,n') d

⁸²Pb-¹⁸⁷m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

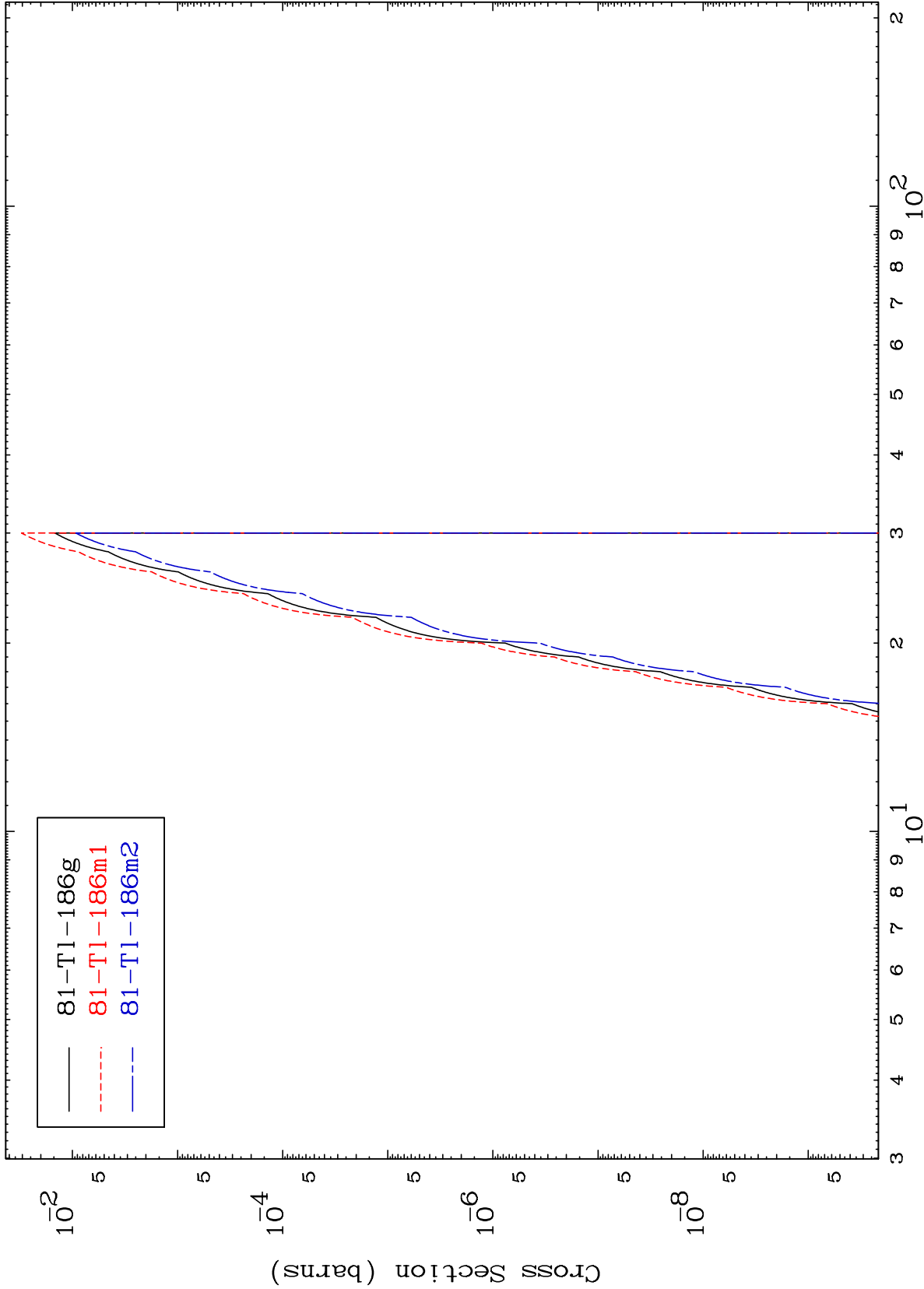
⁸²Pb-¹⁸⁷m

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(n,n') He-3

82-Pb-187m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

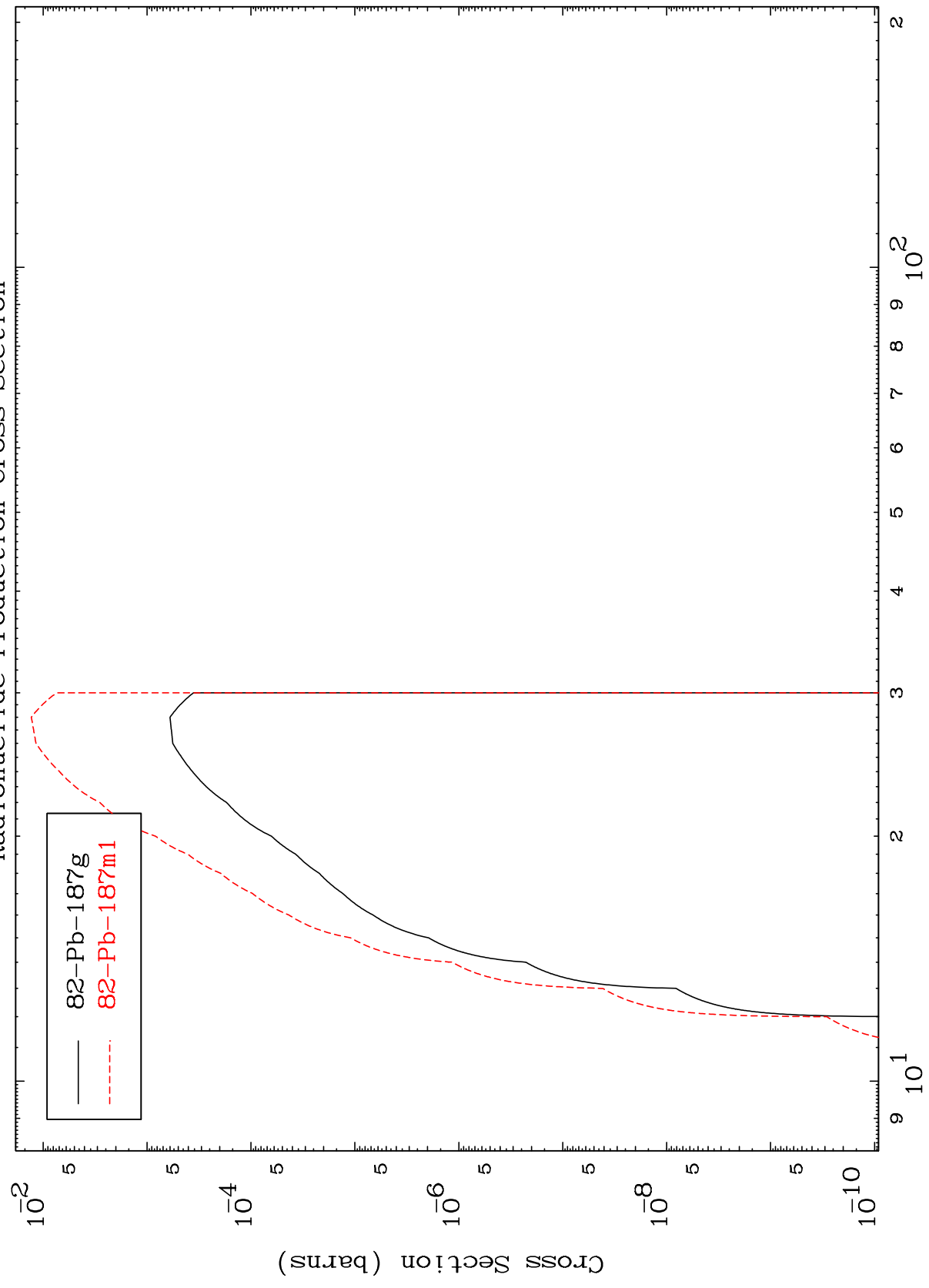
82-Pb-187m

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(n,2n) p

82-Pb-187m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

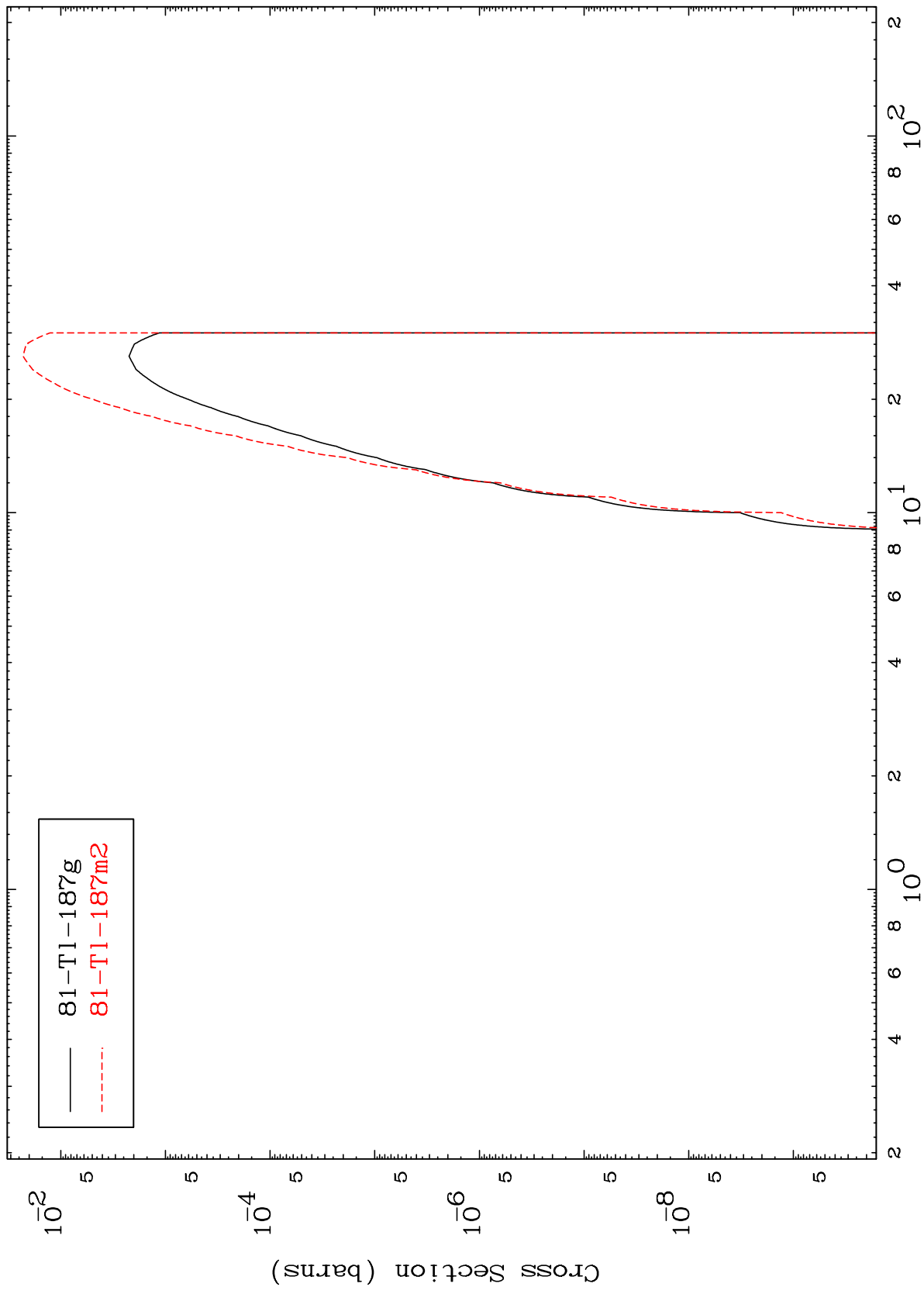
82-Pb-187m

MAT 8175

(n,2n) p

82-Pb-187m

Radionuclide Production Cross Section



18

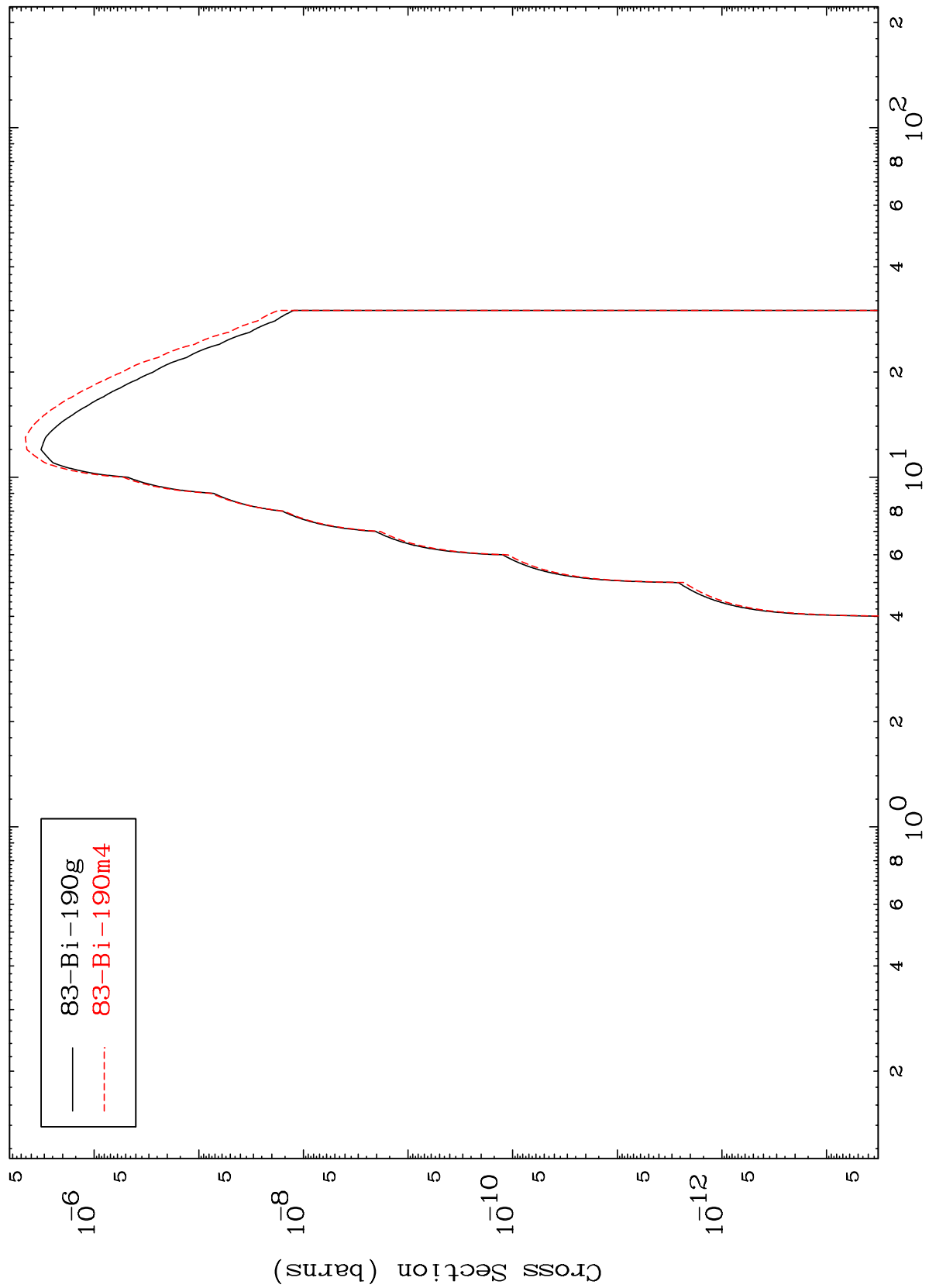
Incident Energy (MeV)

82-Pb-187m

MAT 8175

82-Pb-187m

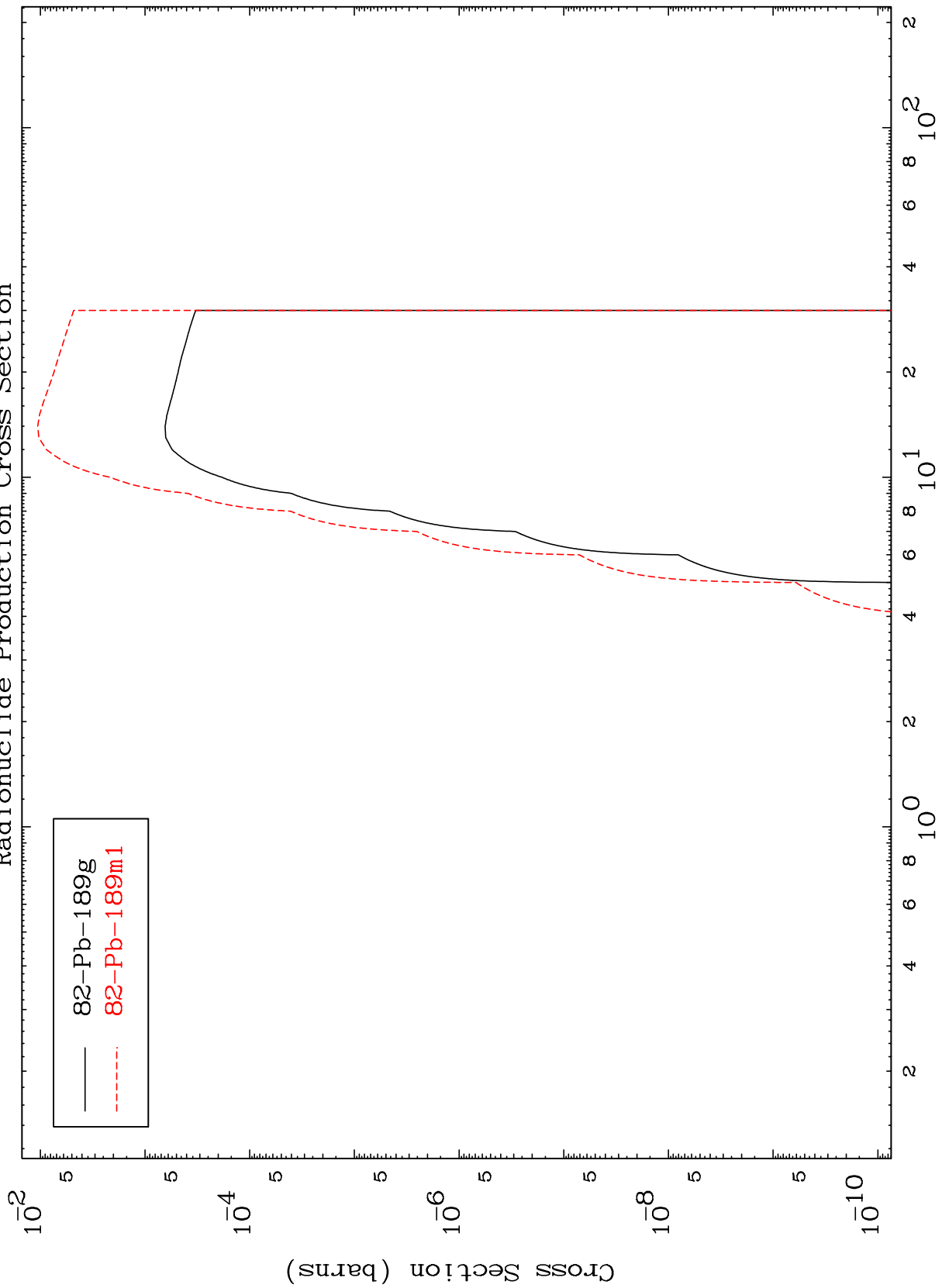
(n, γ)
Radionuclide Production Cross Section



MAT 8175

⁸²Pb-187m

(n,p)
Radionuclide Production Cross Section



⁸²Pb-187m

Incident Energy (MeV)

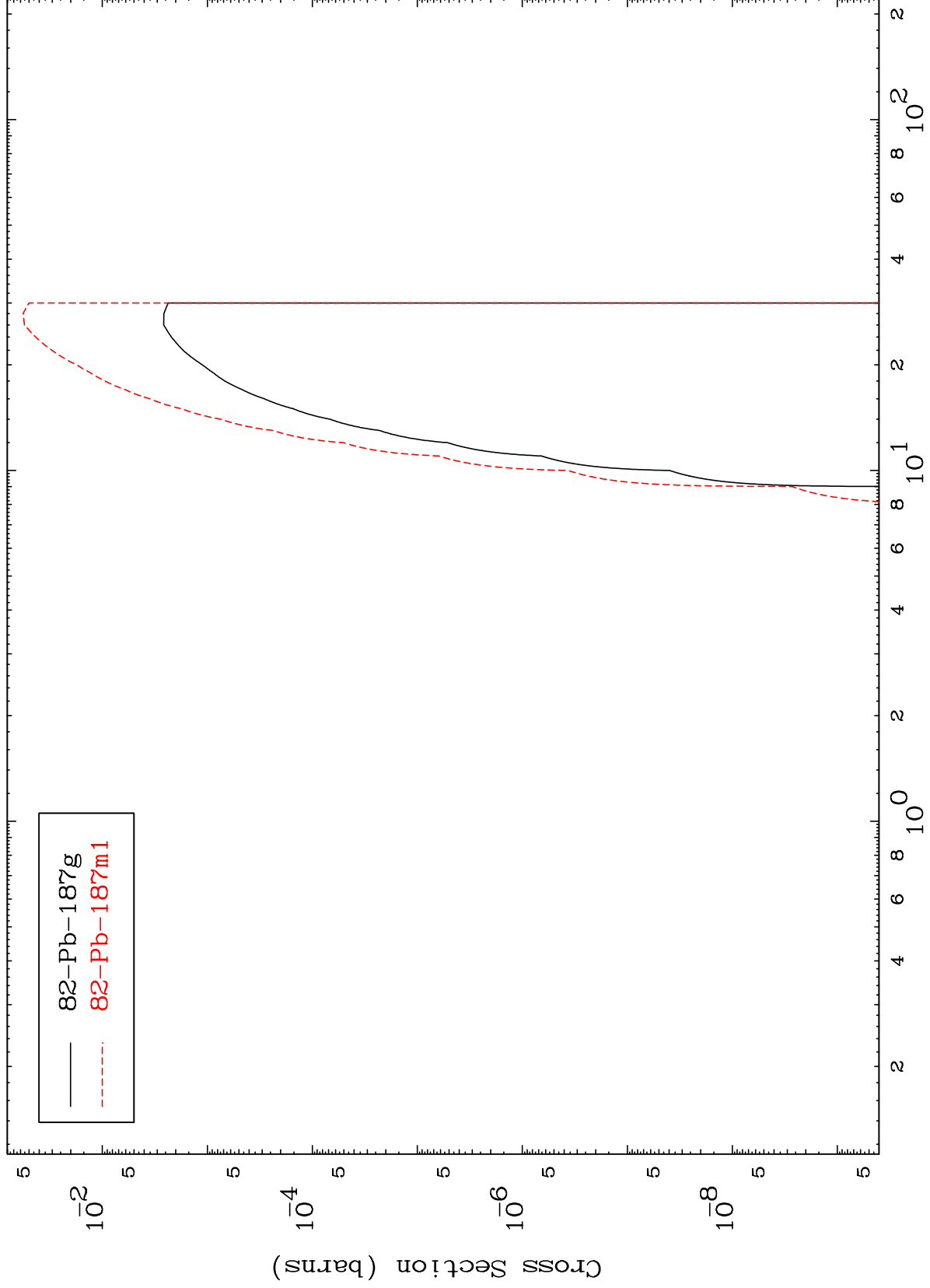
20

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(n, t)

⁸²Pb-¹⁸⁷m

Radionuclide Production Cross Section

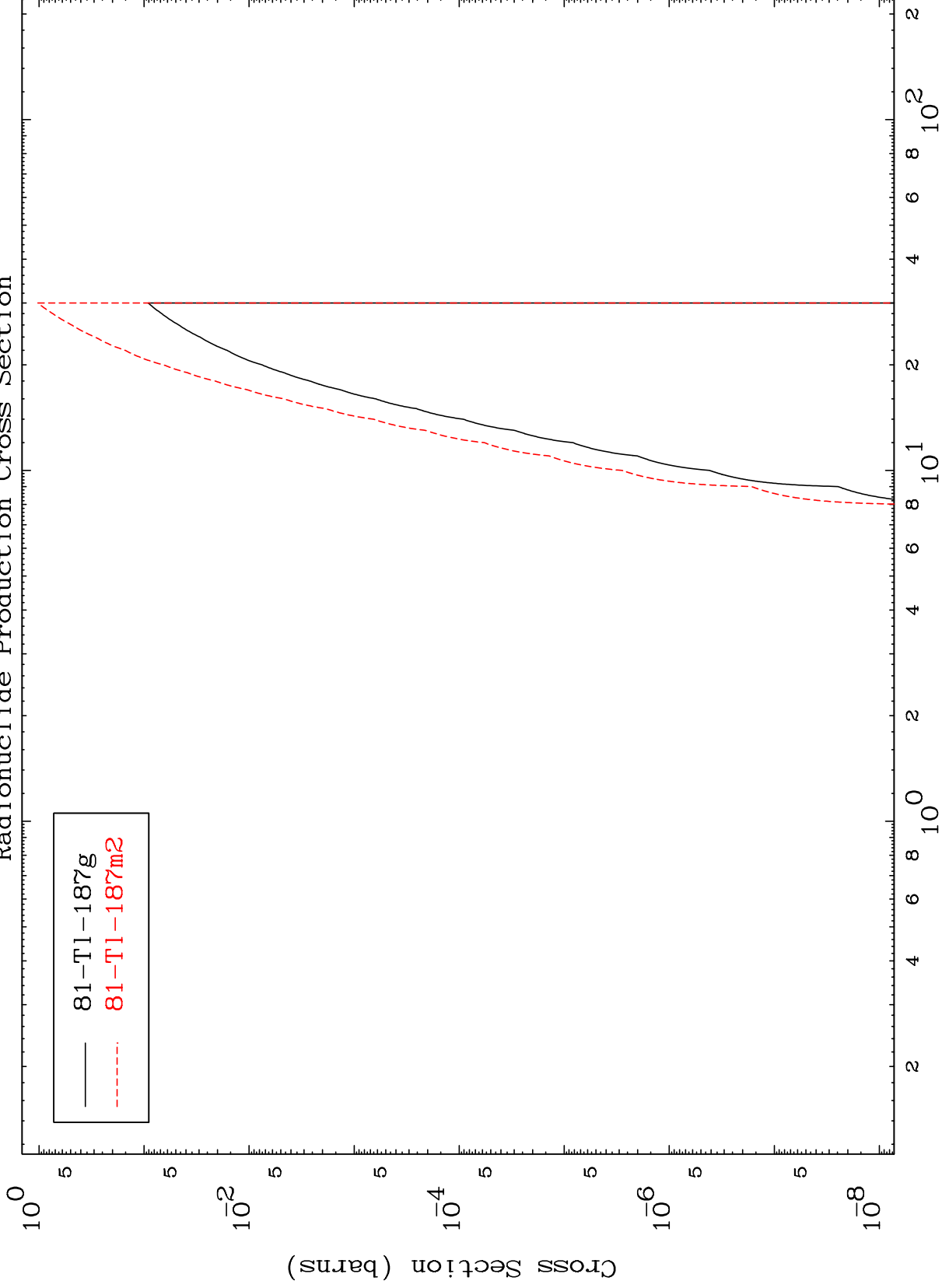


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(n,He-3)

82-Pb-187m

Radionuclide Production Cross Section



22

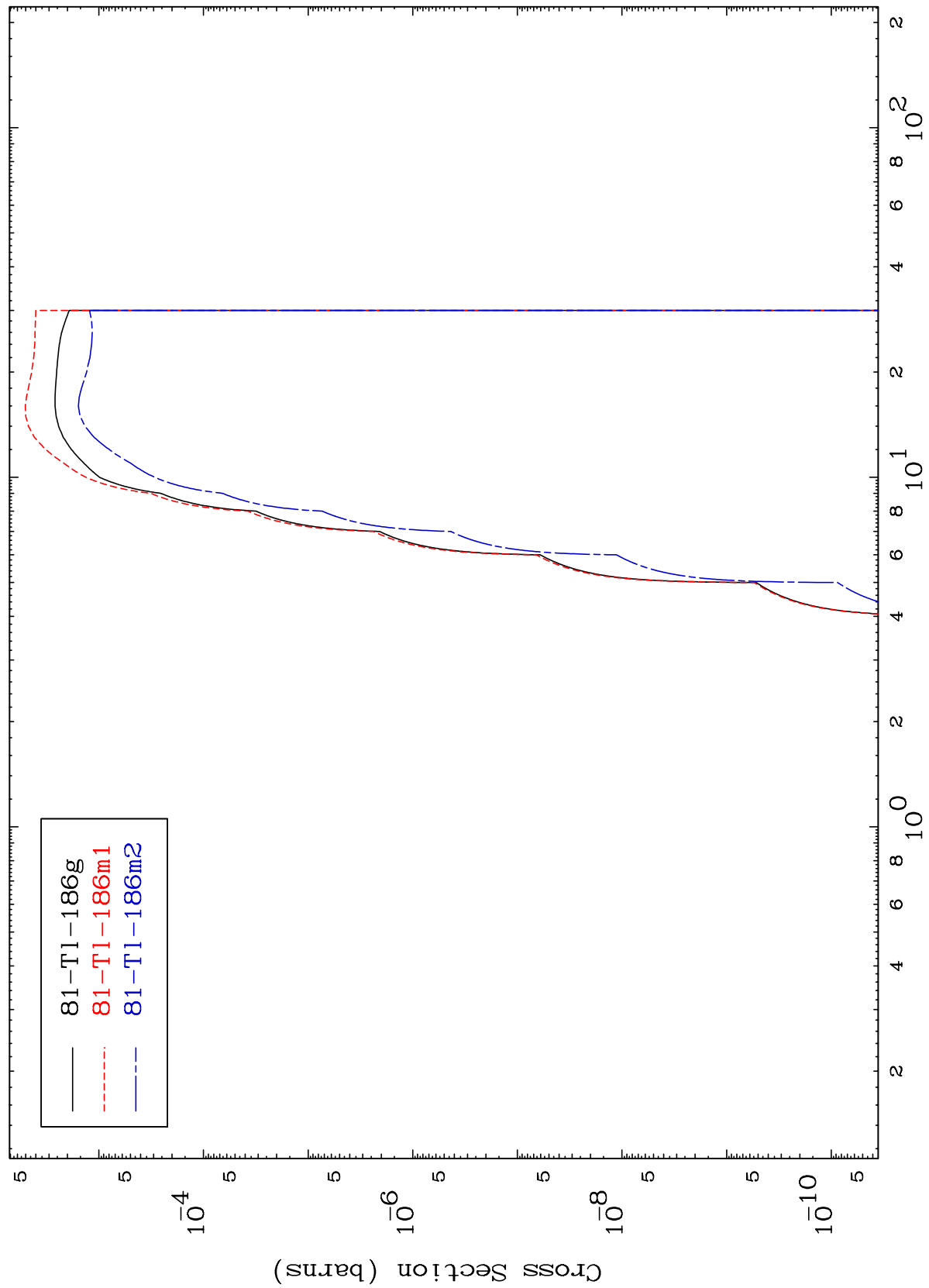
Incident Energy (MeV)

82-Pb-187m

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82-Pb-187m

(n, α)
Radionuclide Production Cross Section



82-Pb-187m

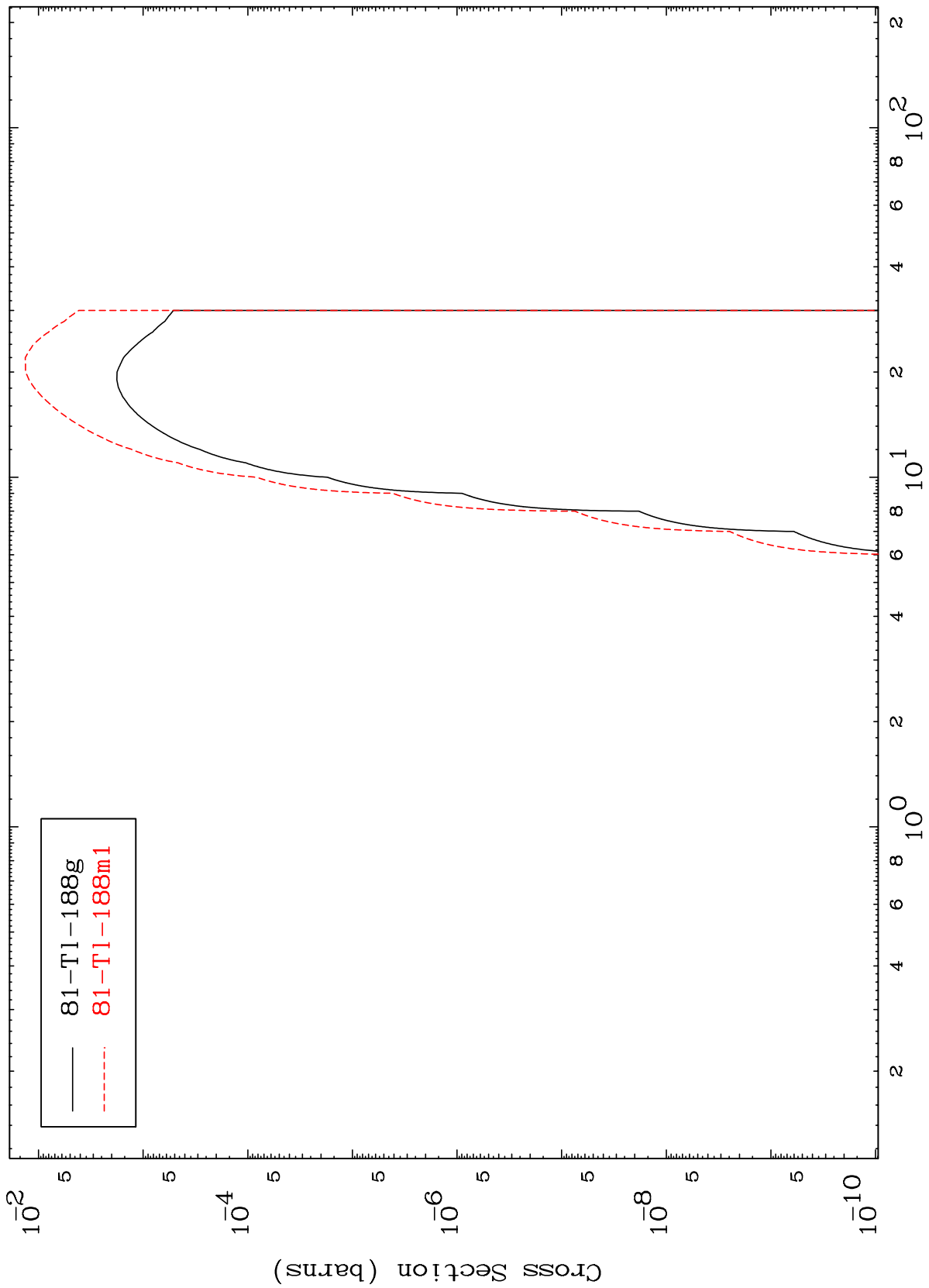
Incident Energy (MeV)

23

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82-Pb-187m

Radionuclide Production Cross Section
(n,2p)



24

82-Pb-187m

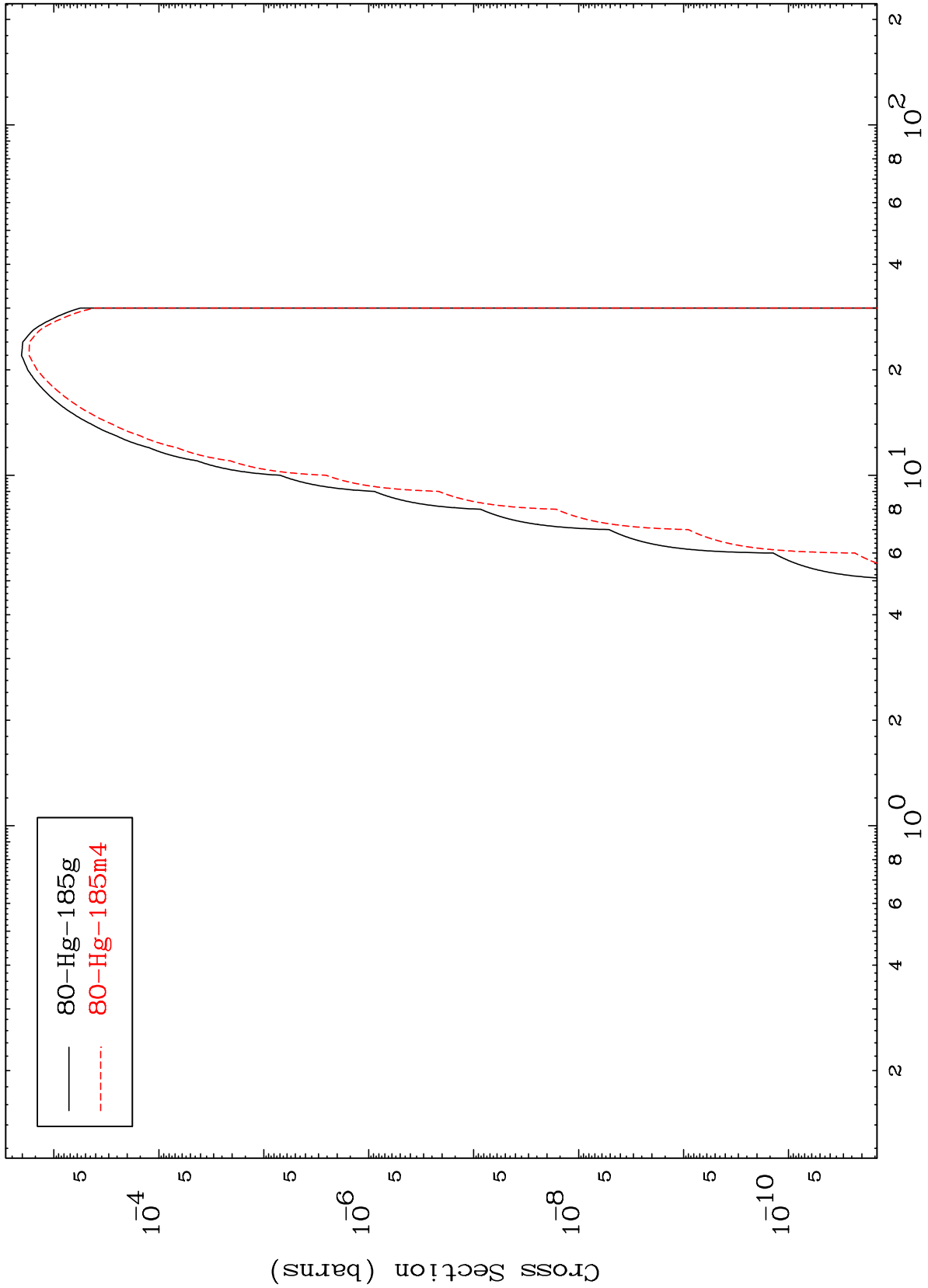
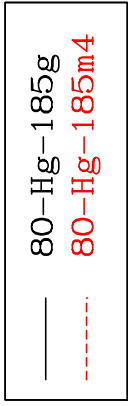
Incident Energy (MeV)

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(n,p) α

$^{82}\text{Pb-187m}$

Radionuclide Production Cross Section



25

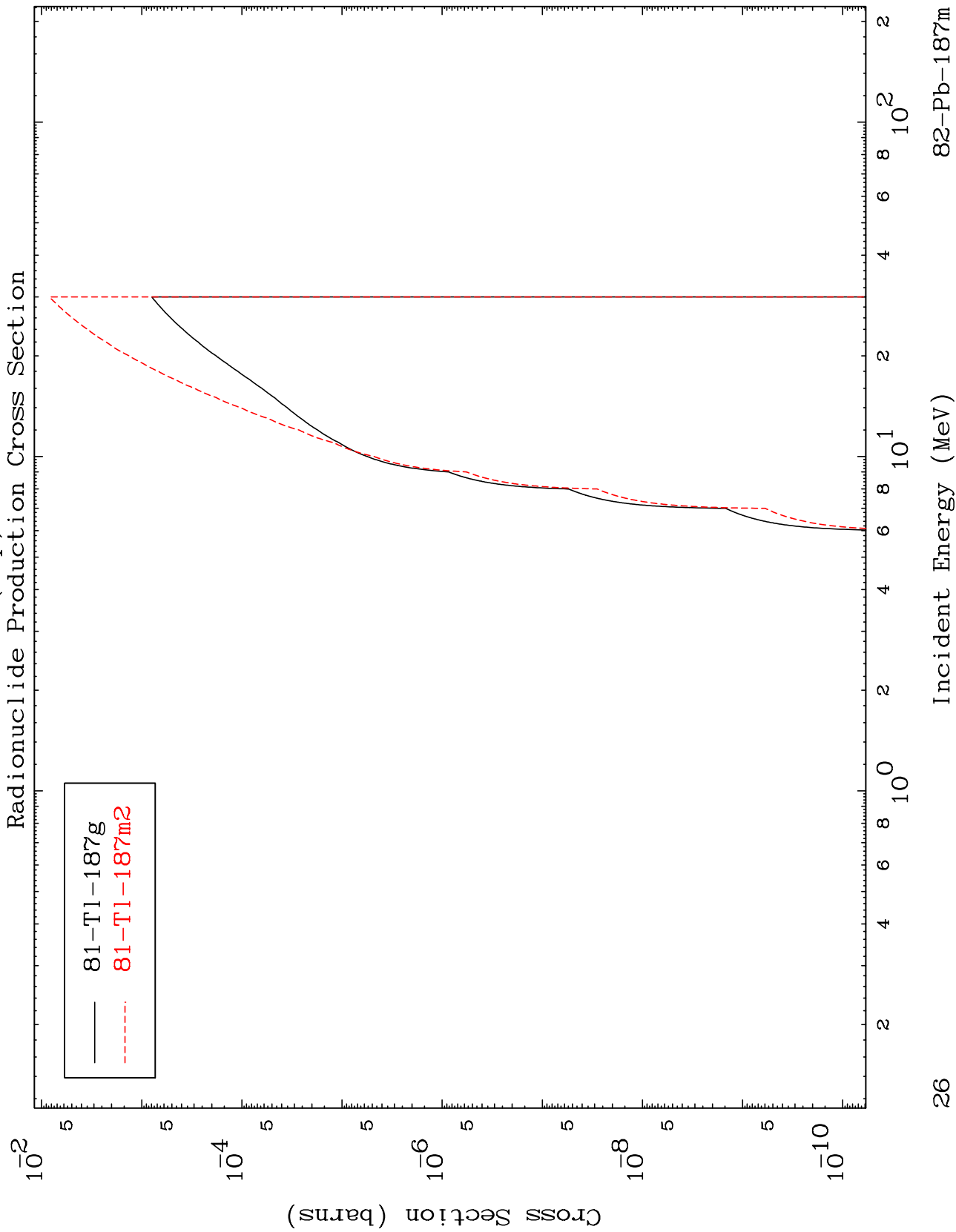
Incident Energy (MeV)

$^{82}\text{Pb-187m}$

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(n,p) d

82-Pb-187m



MAT 8175

(n,p) t

82-Pb-187m

Radionuclide Production Cross Section

