

Program EVALPLOT
(Version 2021-1)

by

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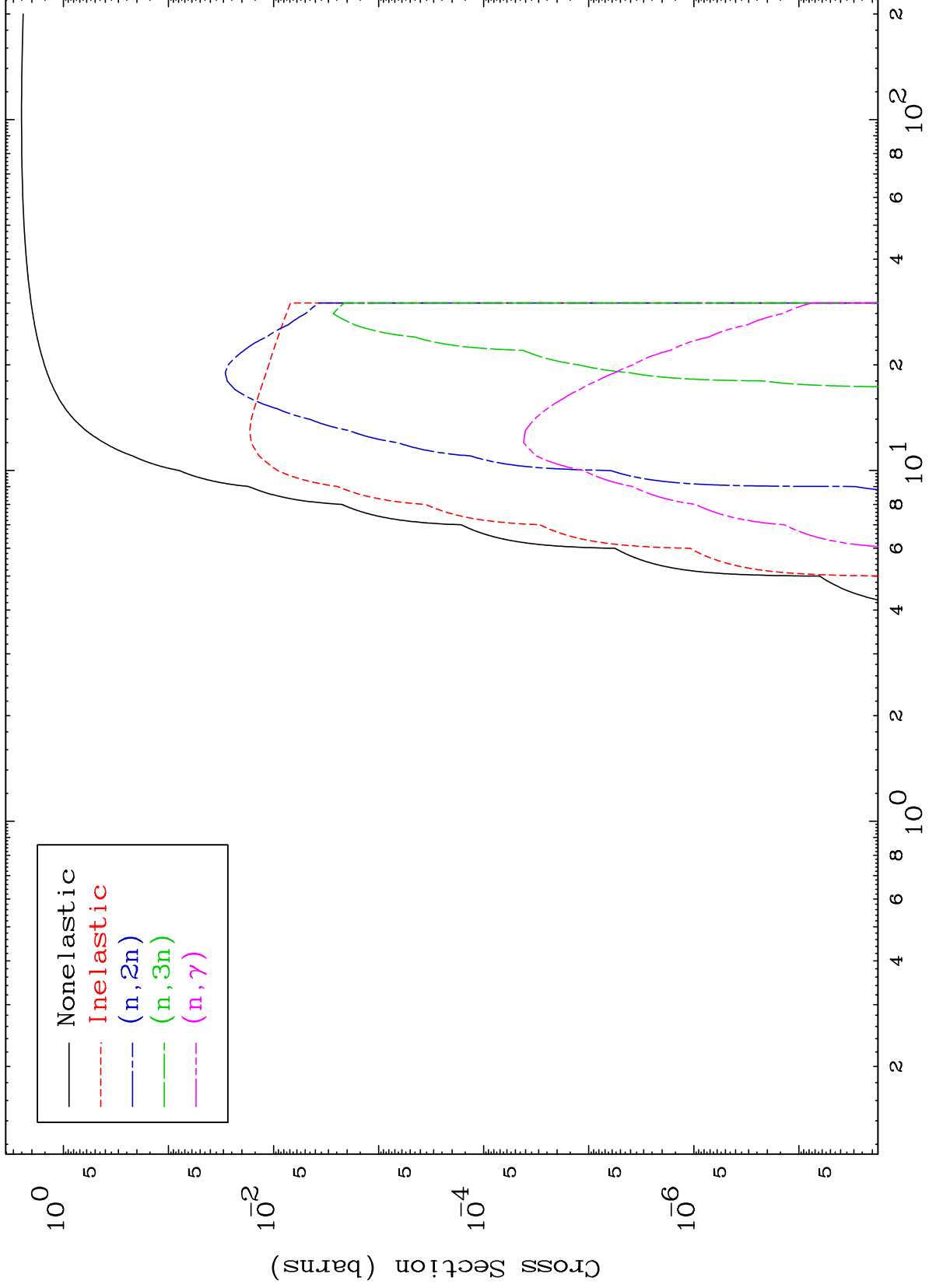
Press Mouse Button to Start

MAT 8181

Triton Major

82-Pb-189m

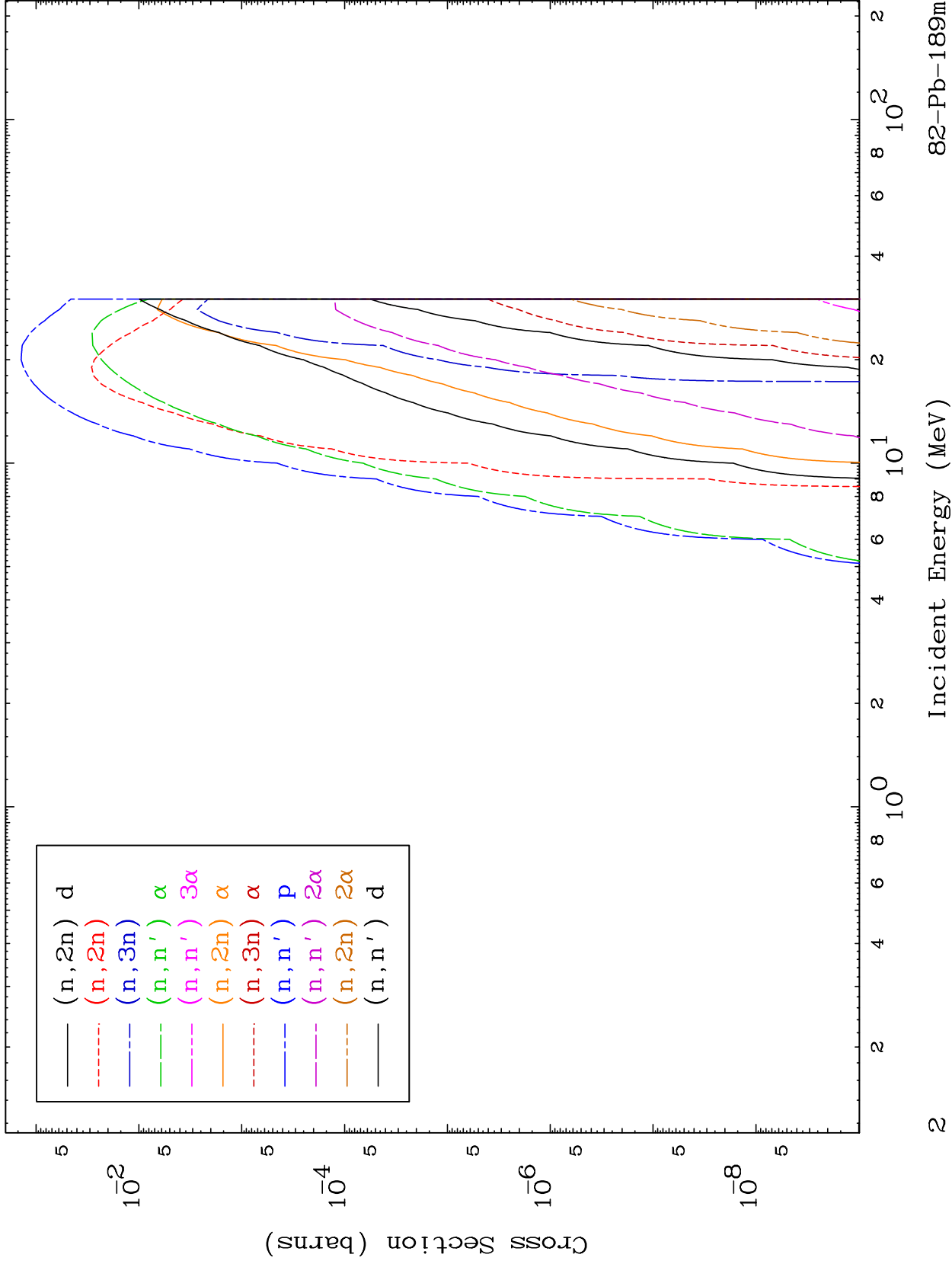
0 Kelvin Cross Sections



MAT 8181

Triton Neutron Absorption
0 Kelvin Cross Sections

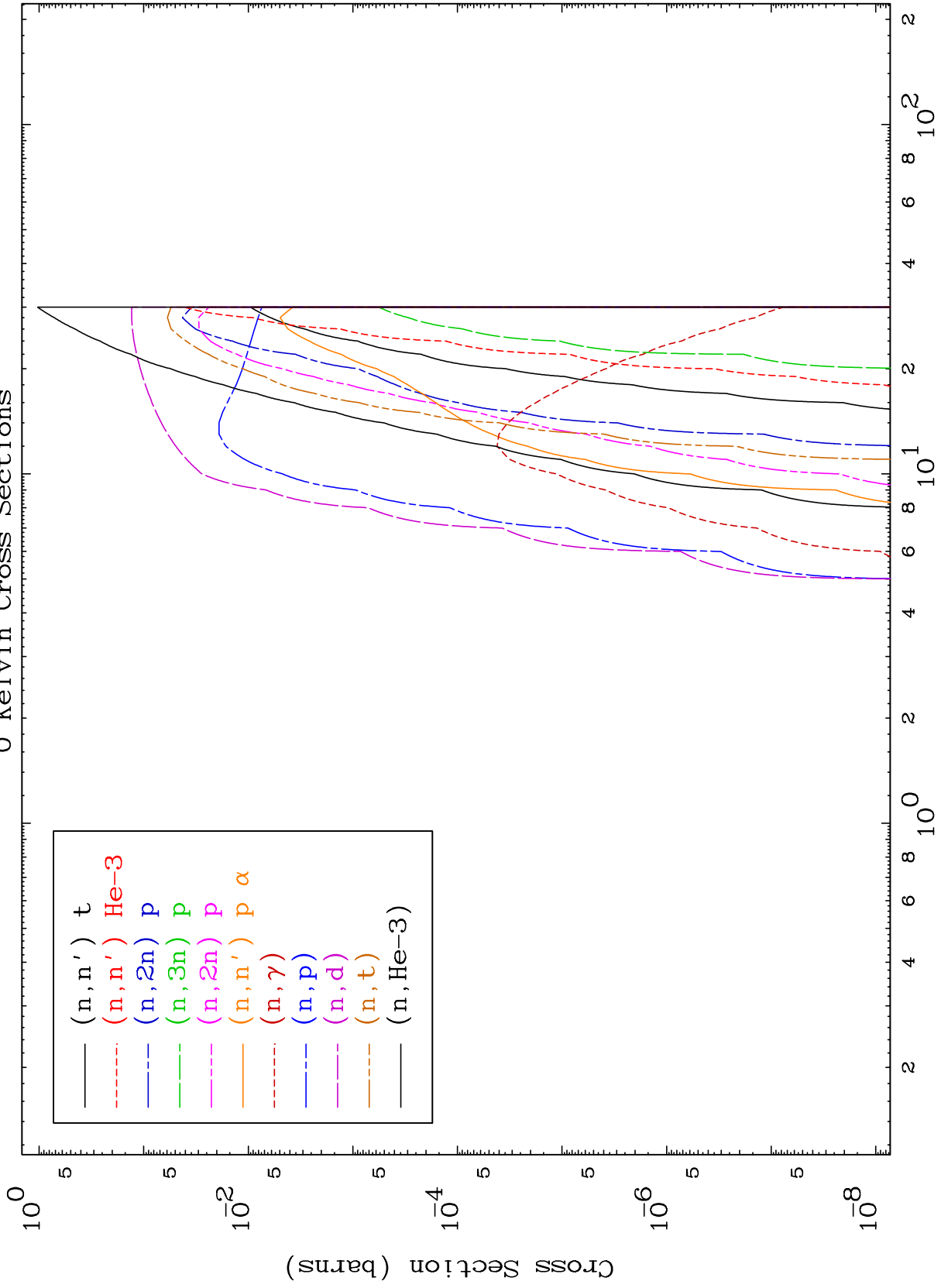
82-Pb-189m



MAT 8181

Triton Neutron Absorption
0 Kelvin Cross Sections

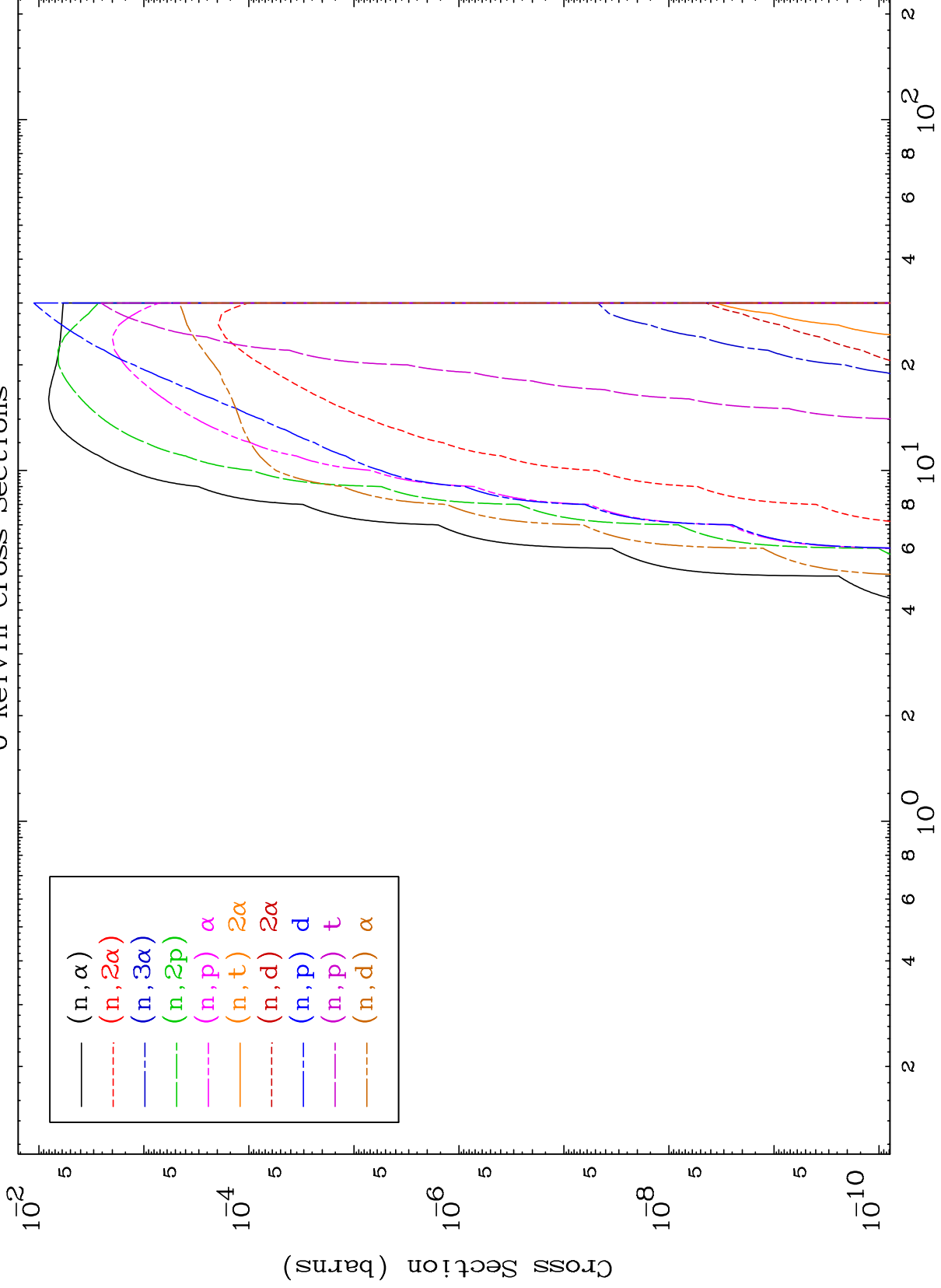
82-Pb-189m



MAT 8181

Triton Neutron Absorption
0 Kelvin Cross Sections

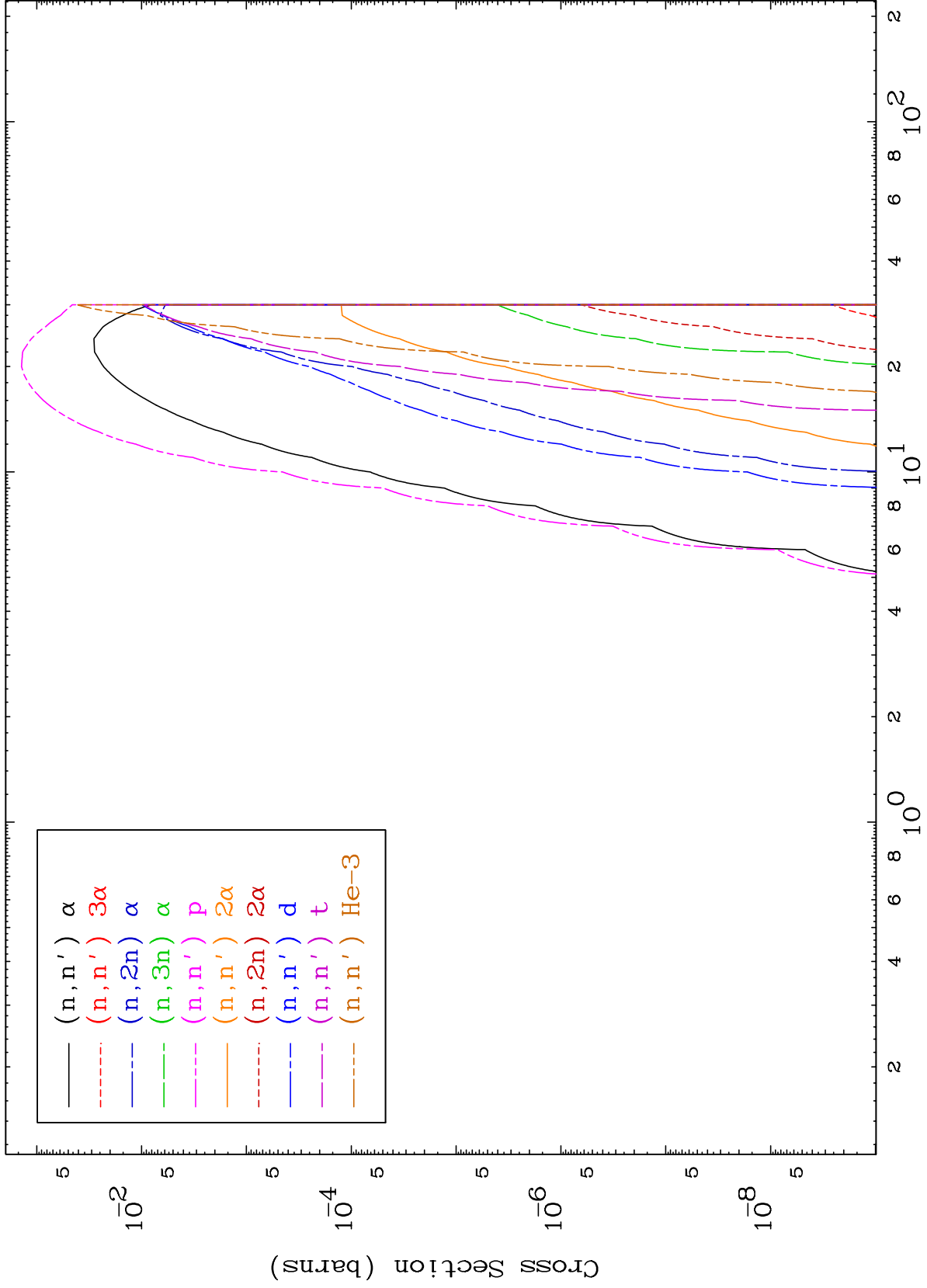
82-Pb-189m



MAT 8181

Triton Charged Particle
0 Kelvin Cross Sections

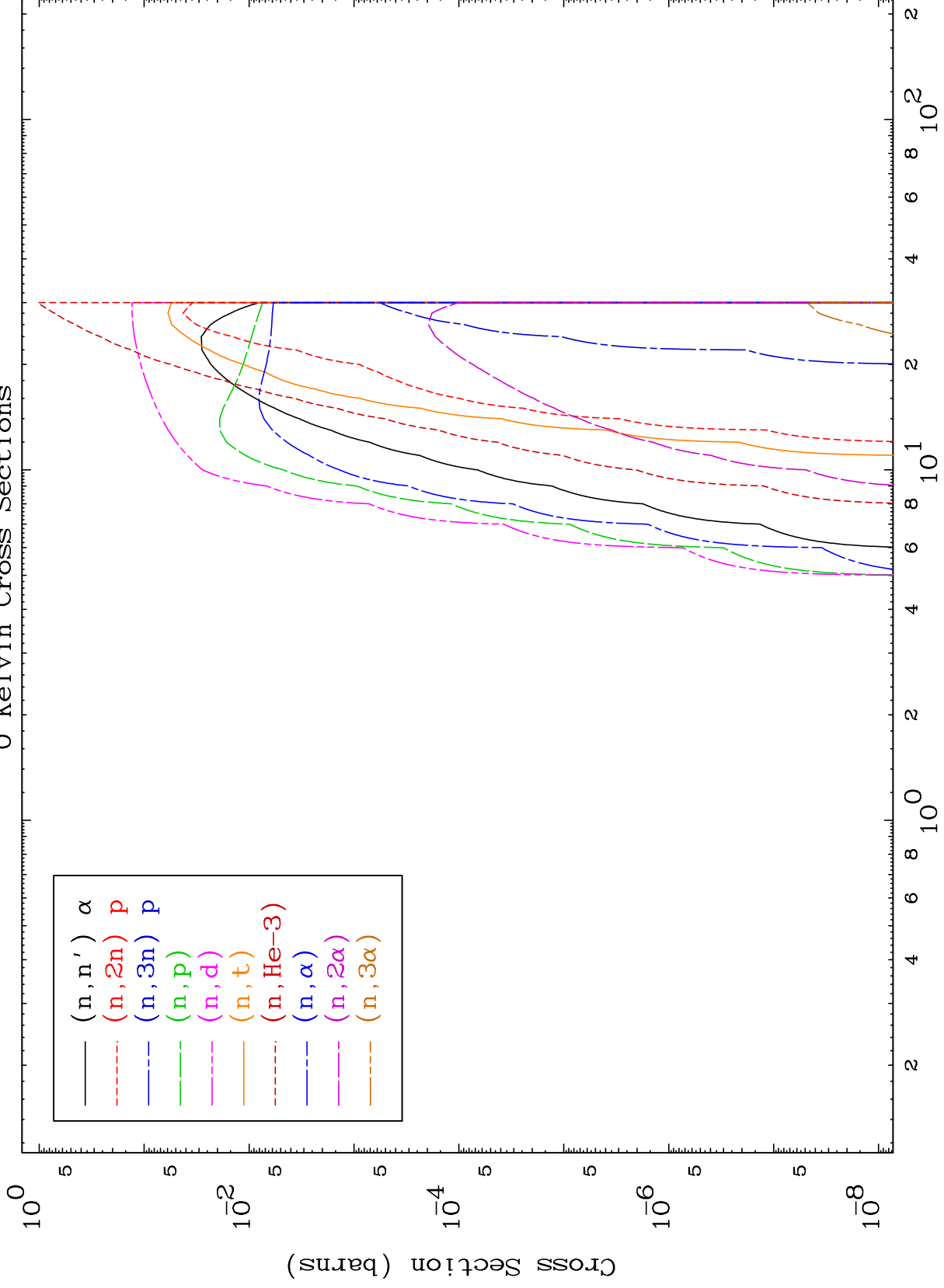
82-Pb-189m



MAT 8181

Triton Charged Particle
0 Kelvin Cross Sections

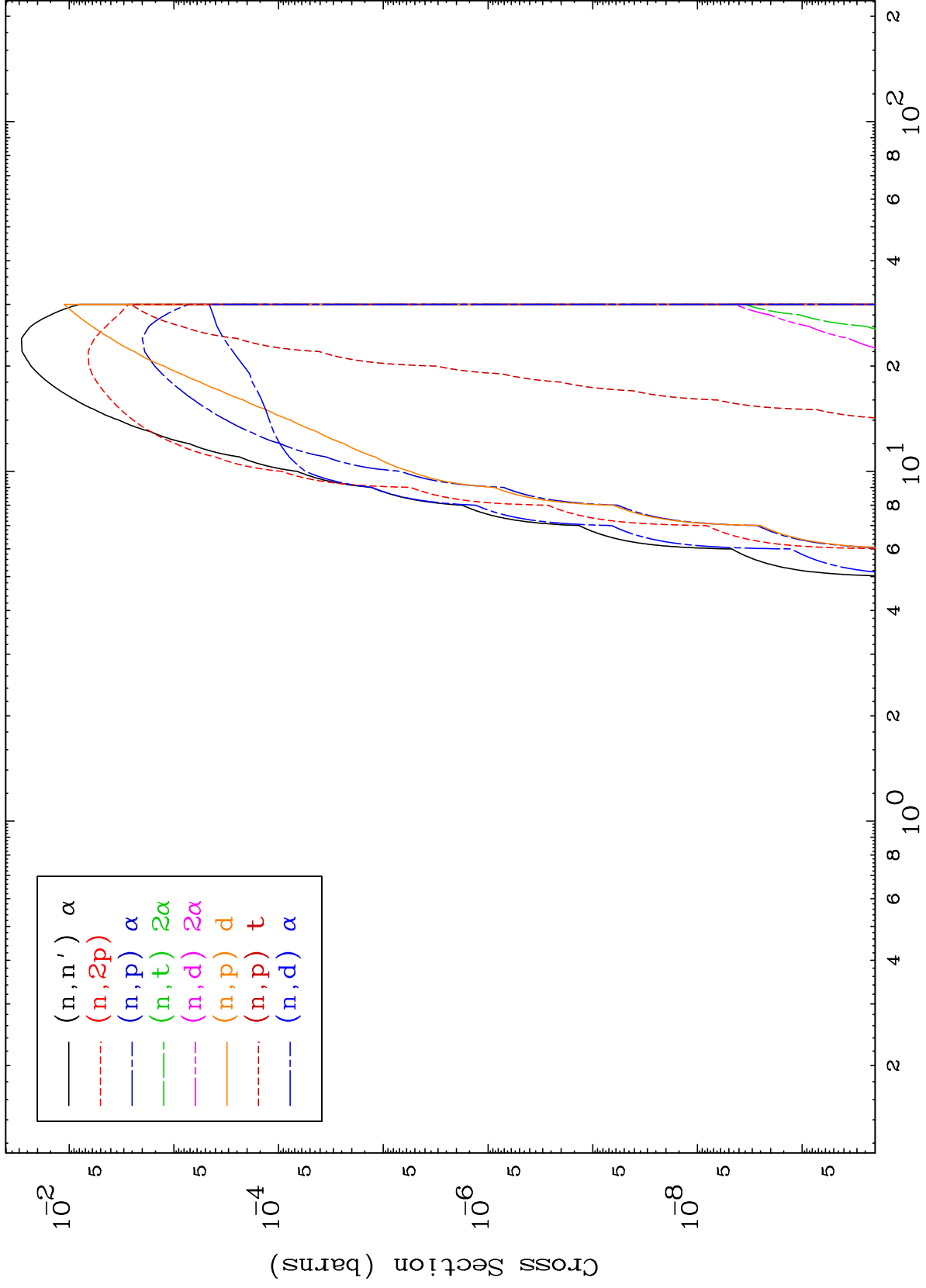
82-Pb-189m



MAT 8181

Triton Charged Particle
0 Kelvin Cross Sections

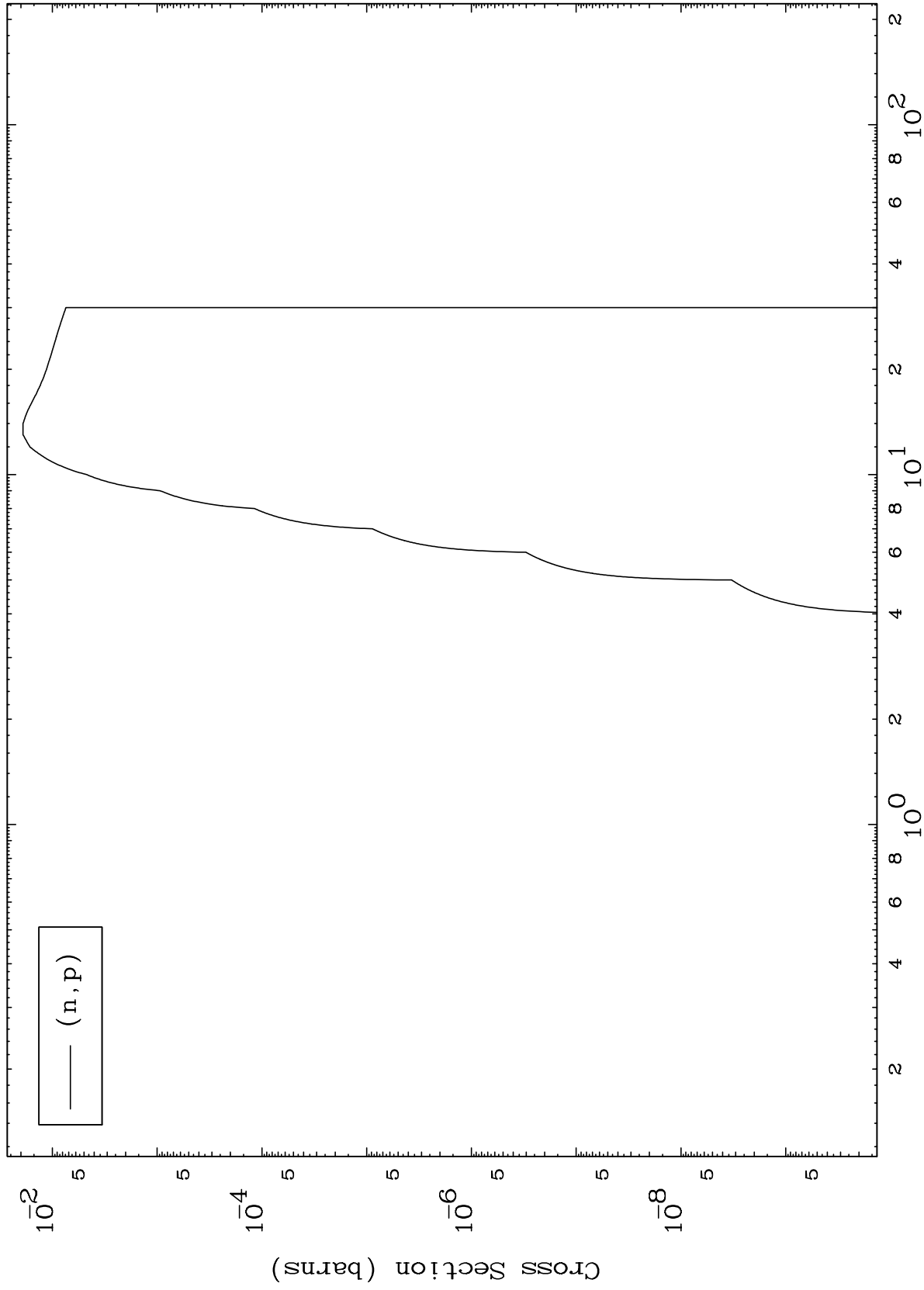
82-Pb-189m



MAT 8181

82-Pb-189m

(t,p) Levels
0 Kelvin Cross Sections

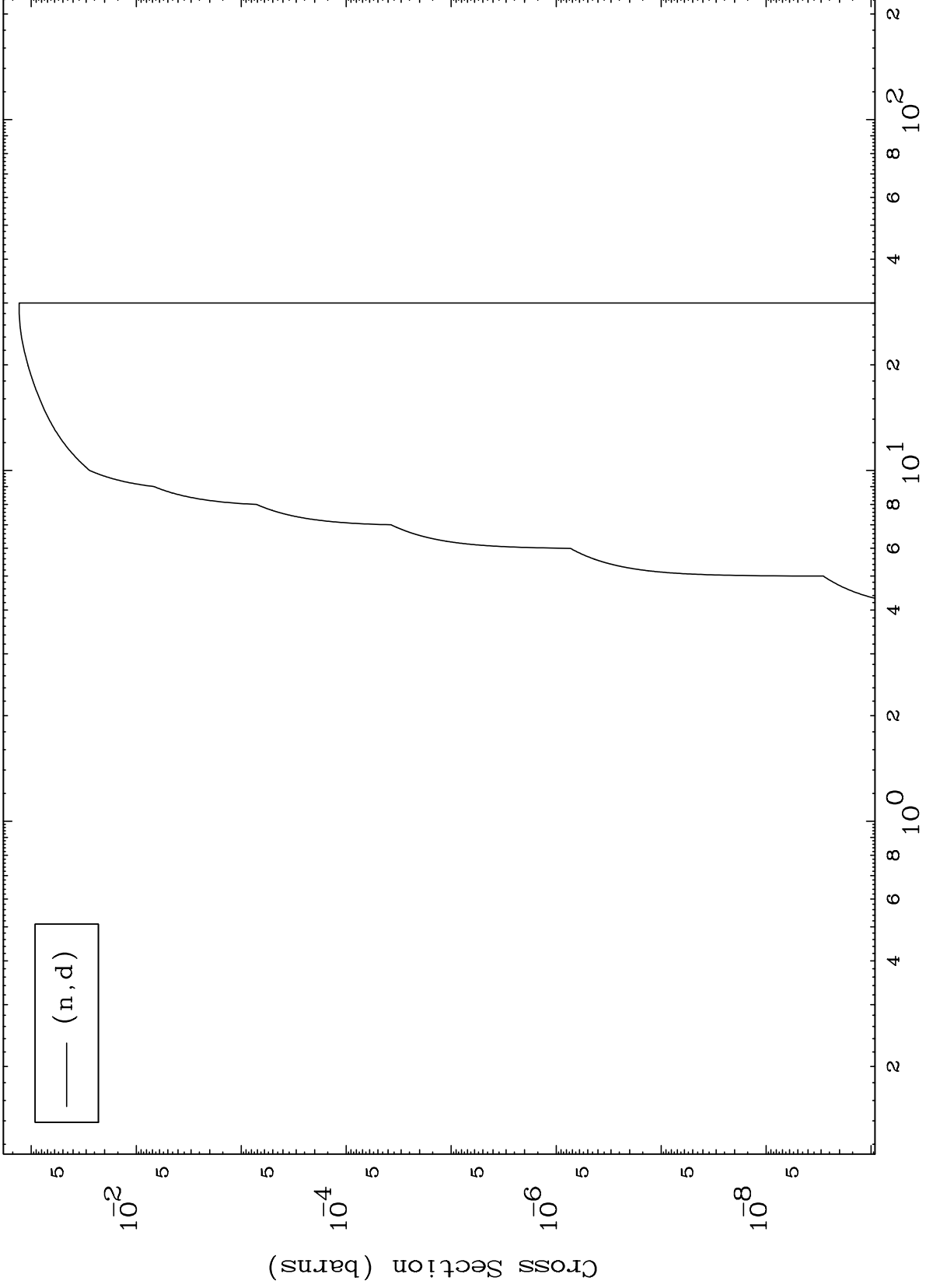


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(t,d) Levels

82-Pb-189m

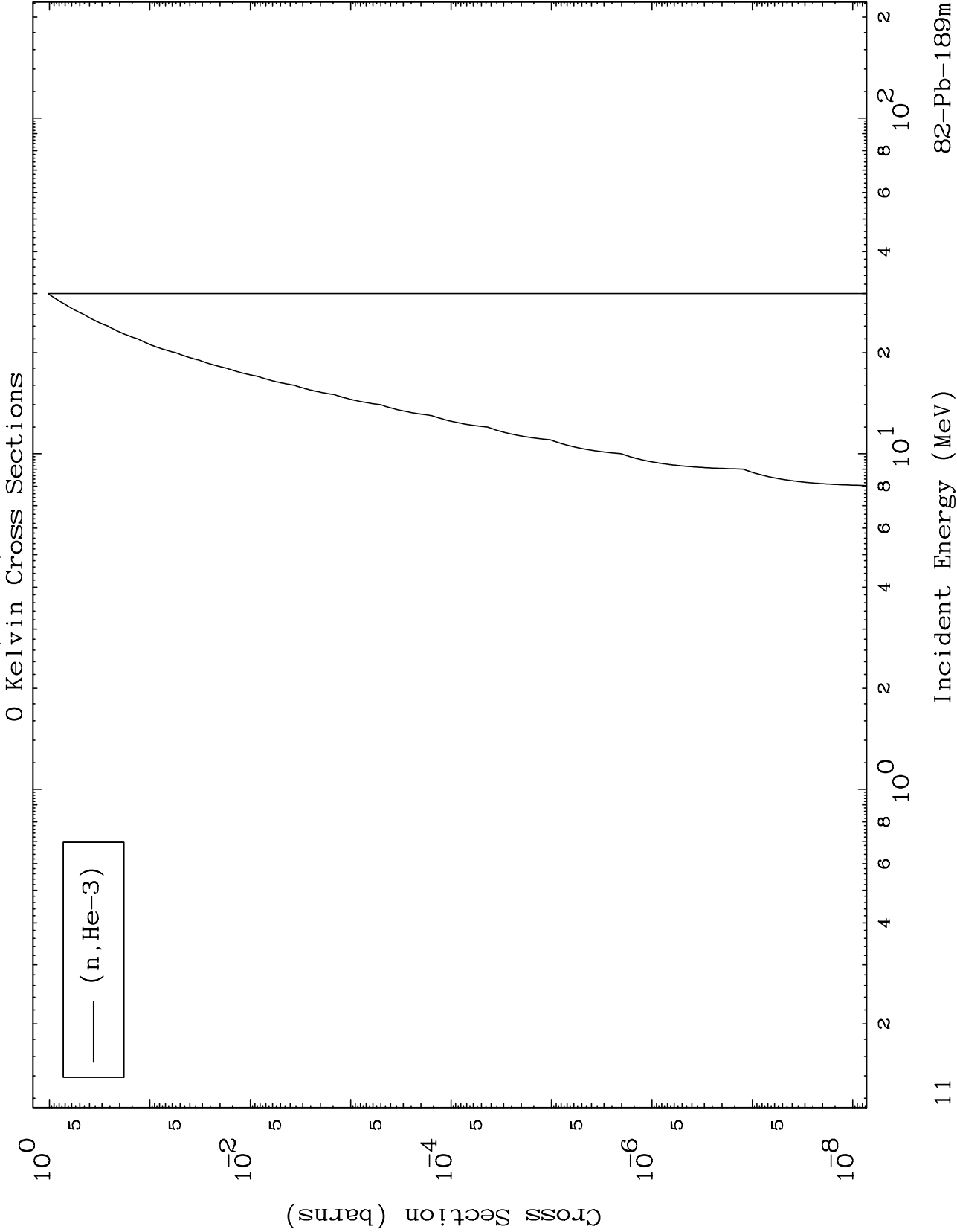
0 Kelvin Cross Sections



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(t,He3) Levels

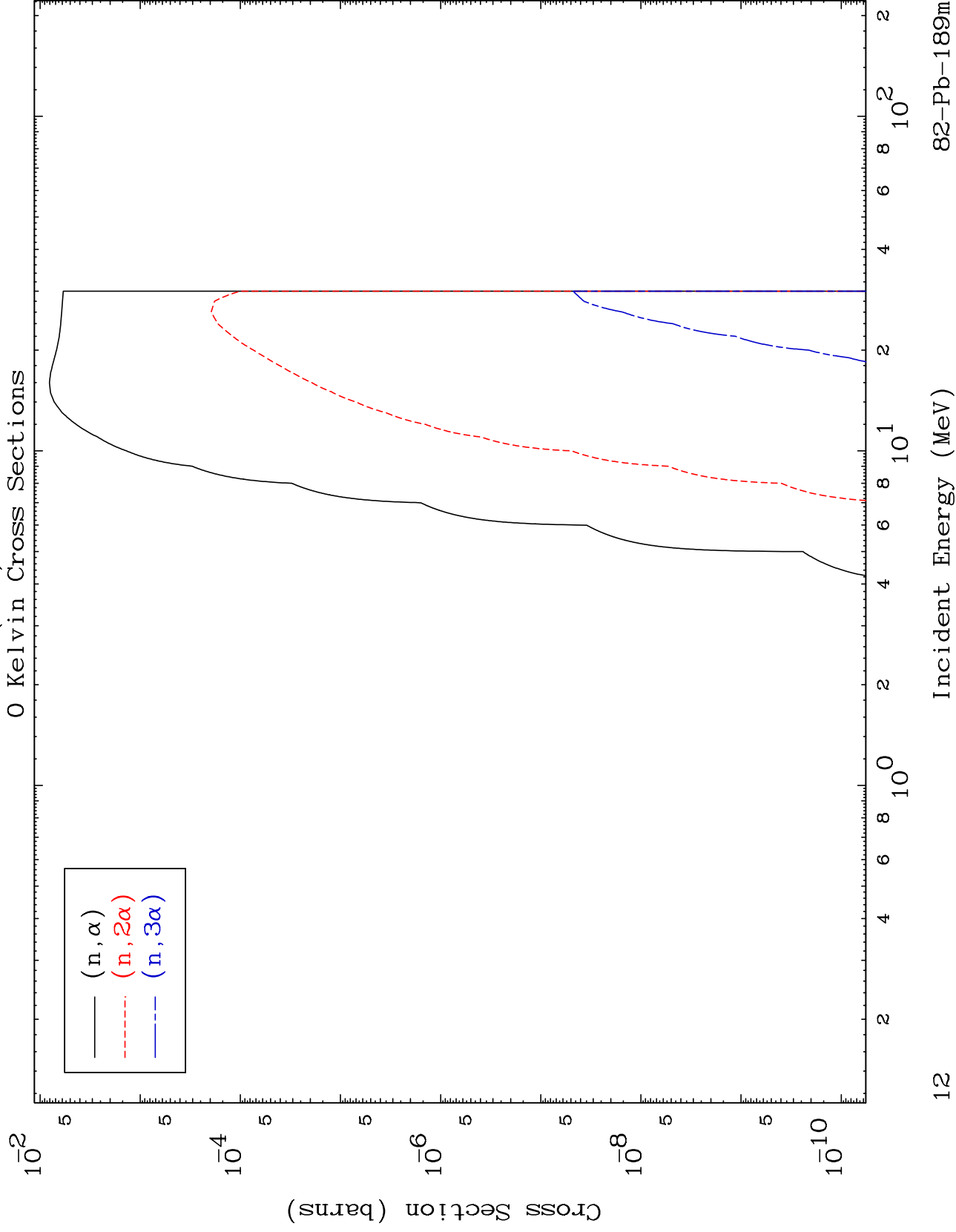
82-Pb-189m



MAT 8181

(t, α) Levels

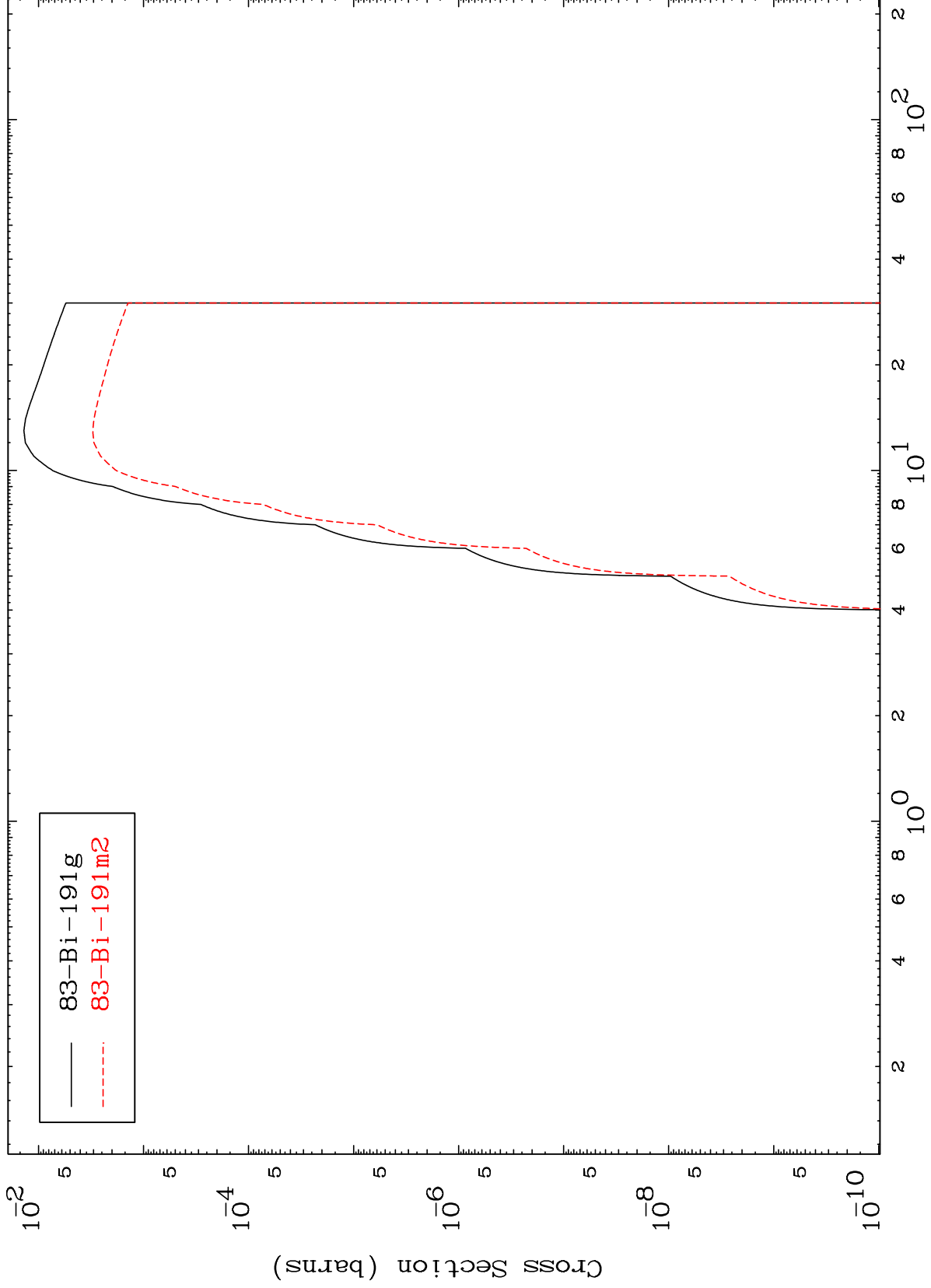
82-Pb-189m



MAT 8181

82-Pb-189m

Inelastic
Radionuclide Production Cross Section



82-Pb-189m

Incident Energy (MeV)

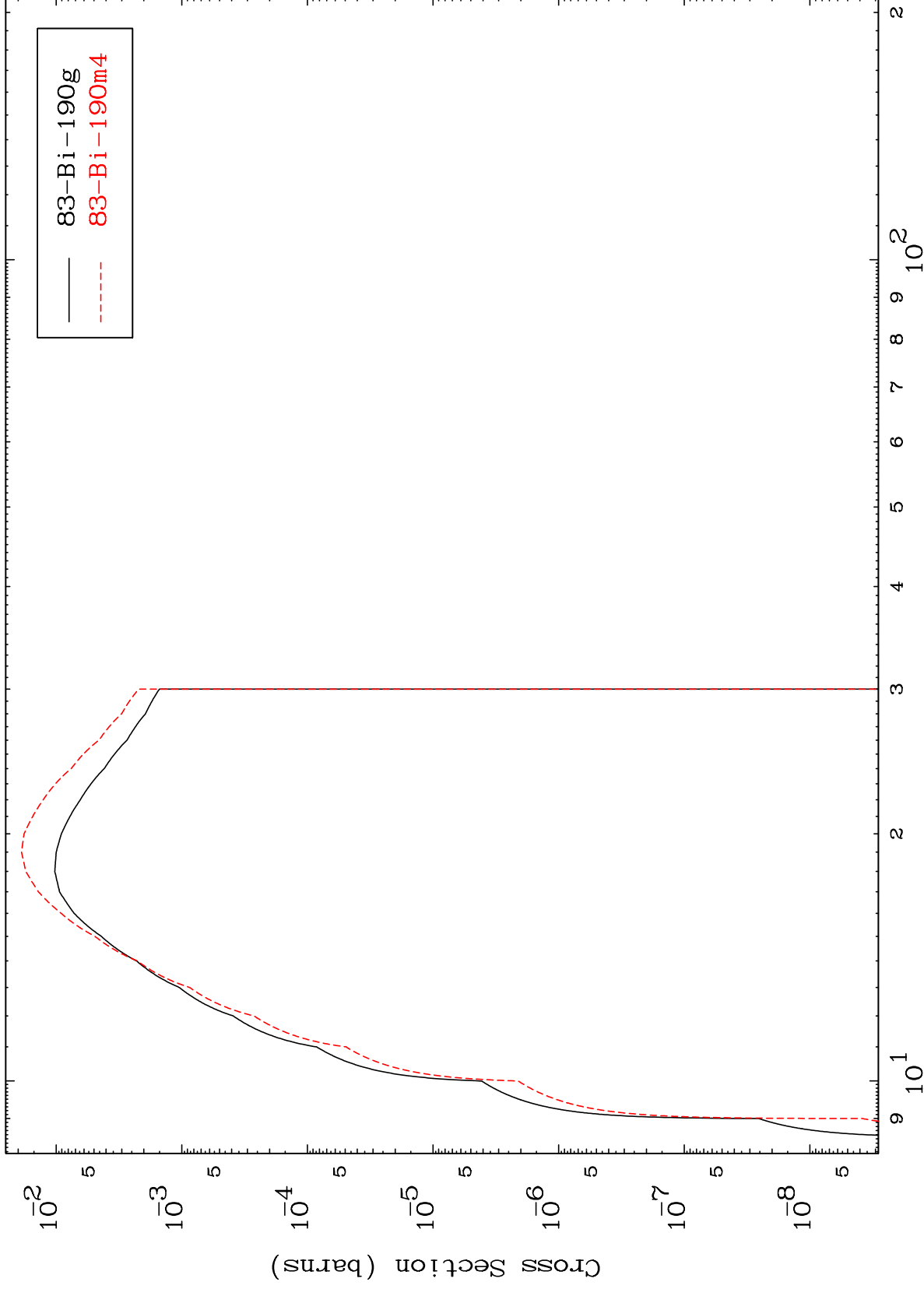
13

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(n,2n)

82-Pb-189m

Radionuclide Production Cross Section



14

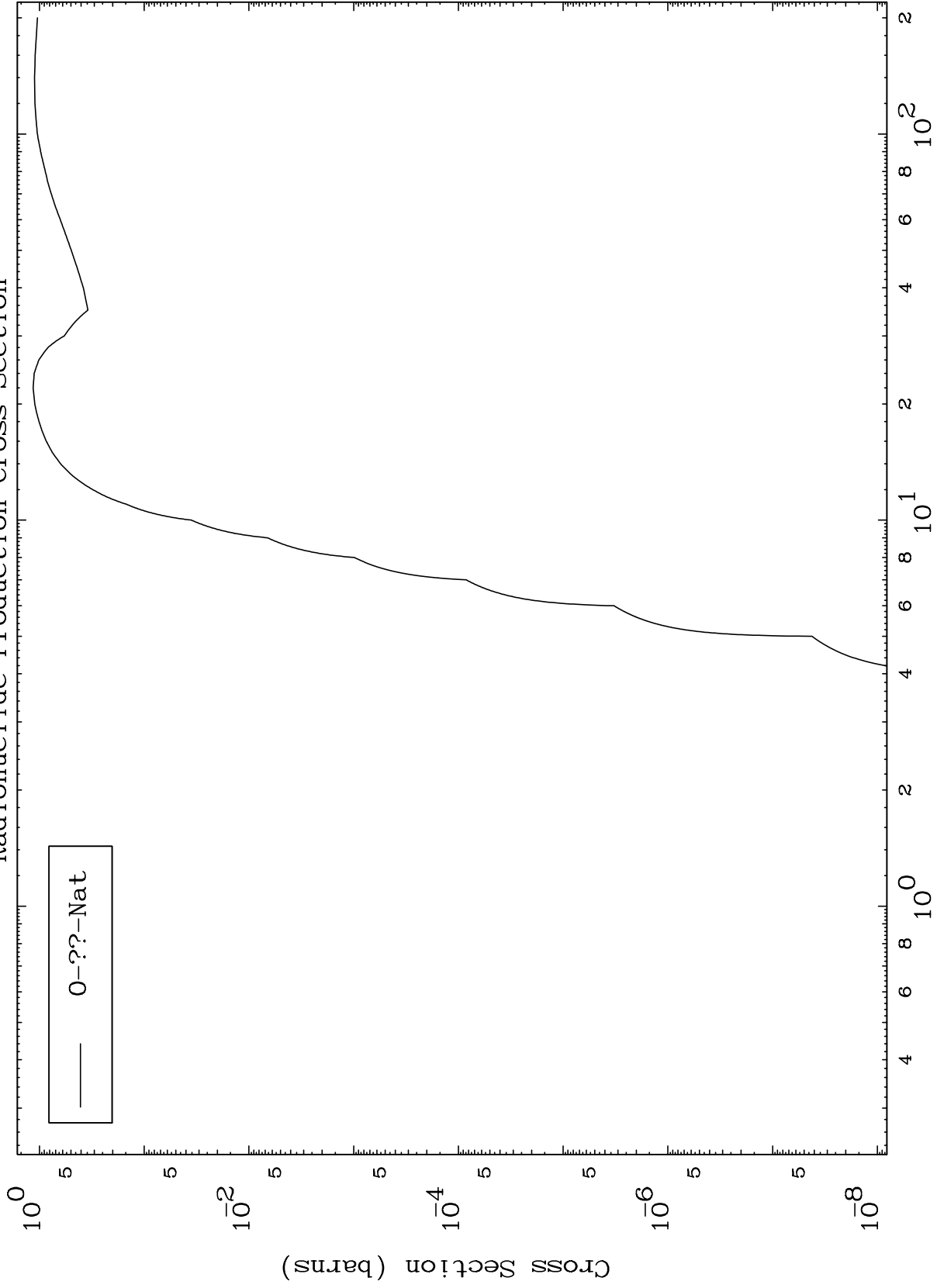
Incident Energy (MeV)

82-Pb-189m

MAT 8181

$^{82}\text{Pb-189m}$

Fission
Radionuclide Production Cross Section



$^{82}\text{Pb-189m}$

Incident Energy (MeV)

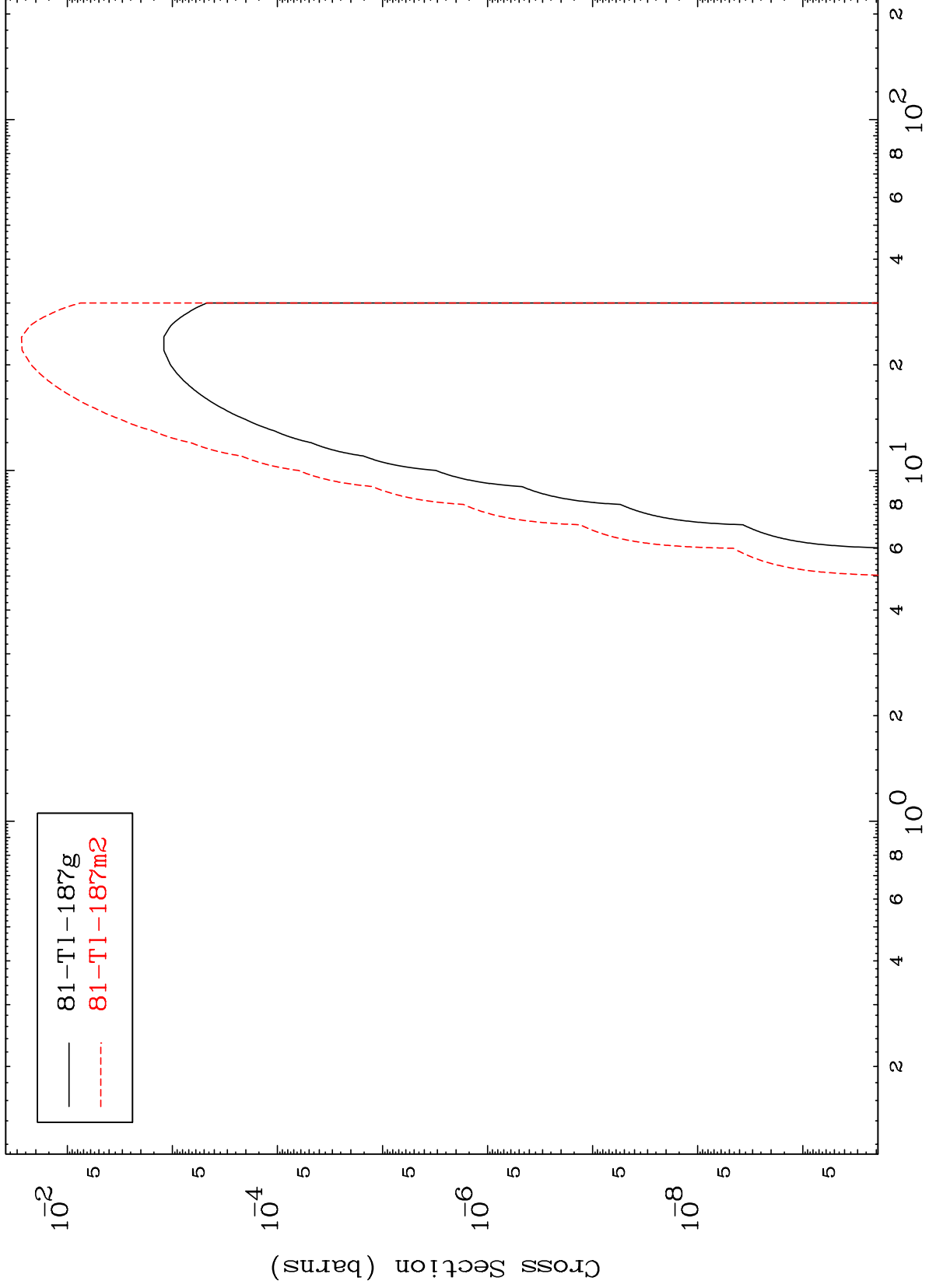
15

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$(n, n') \alpha$

82-Pb-189m

Radionuclide Production Cross Section



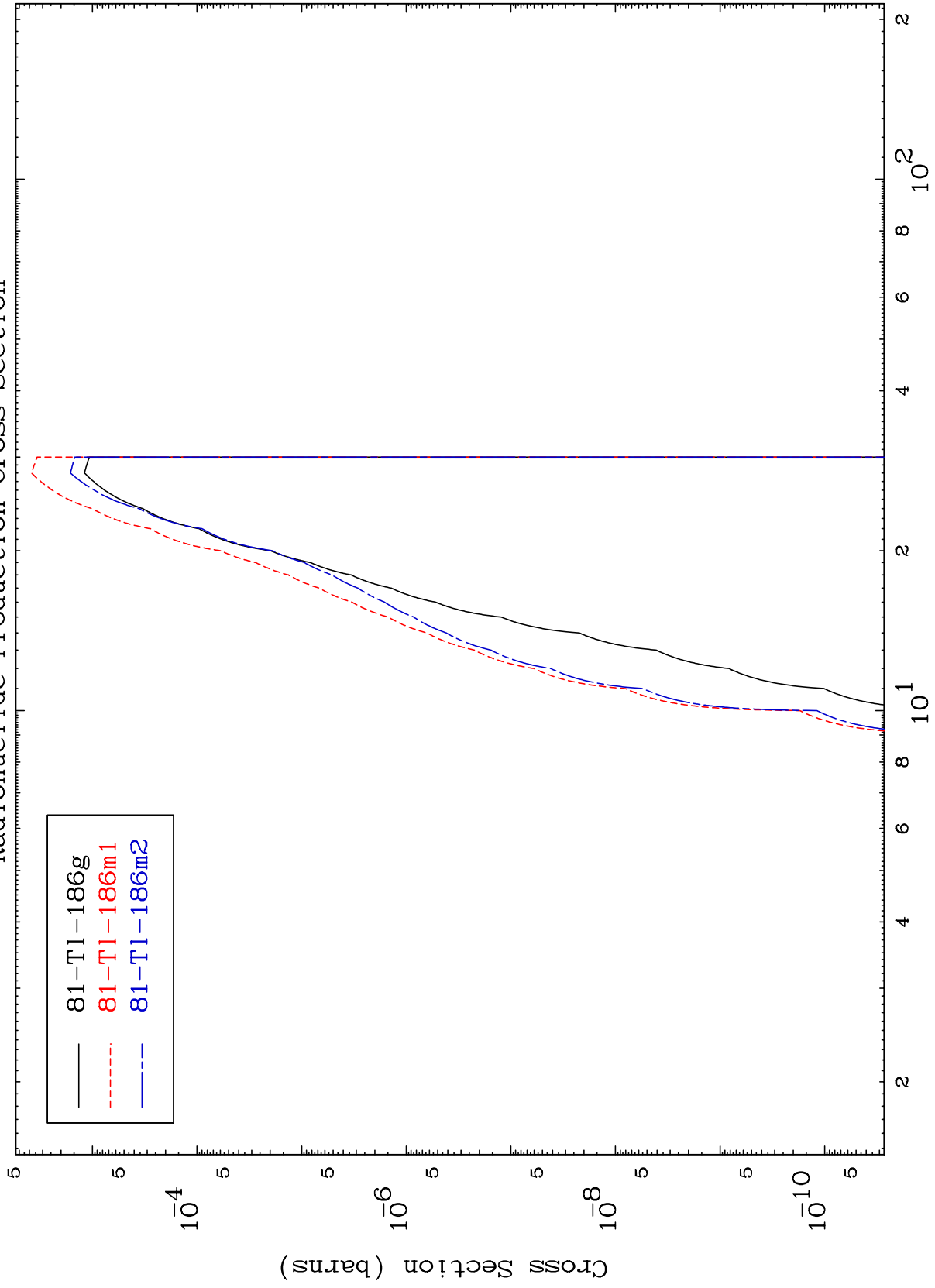
— 81-Tl-187g
- - - 81-Tl-187m2

MAT 8181

$(n,2n) \alpha$

$^{82}\text{Pb}-^{189}\text{m}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

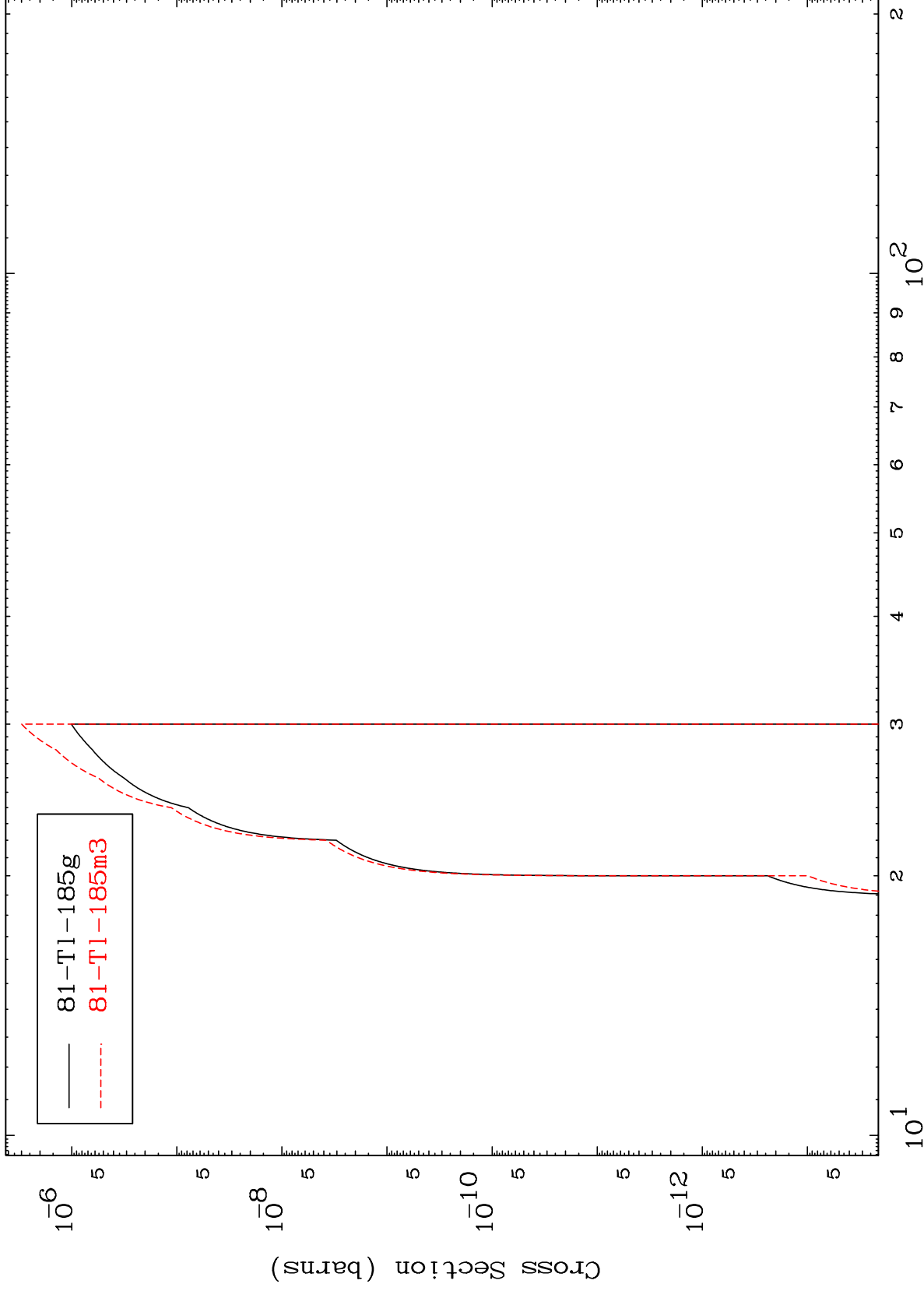
$^{82}\text{Pb}-^{189}\text{m}$

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(n,3n) α

82-Pb-189m

Radionuclide Production Cross Section



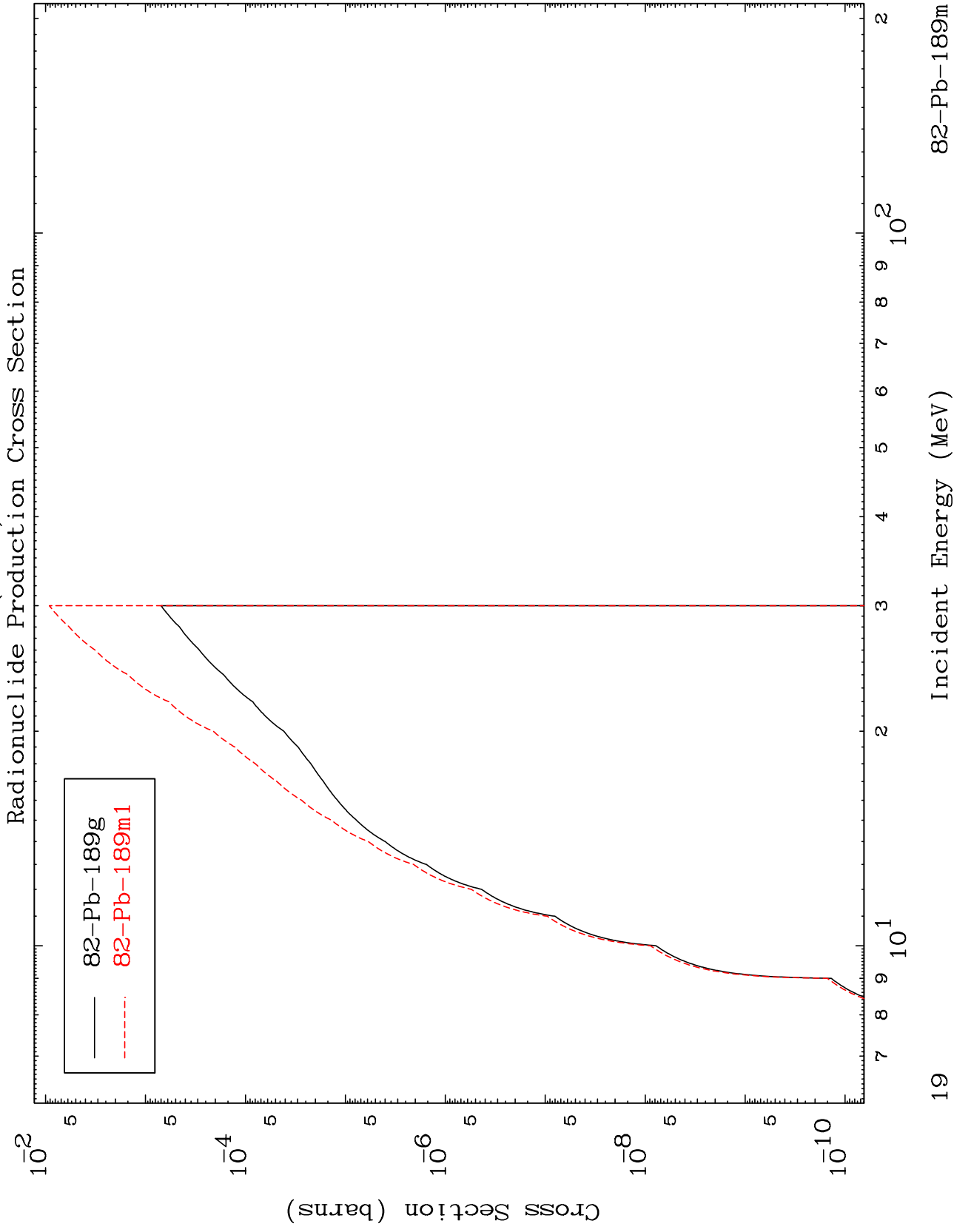
Incident Energy (MeV)

82-Pb-189m

MAT 8181

(n,n') d

⁸²Pb-189m



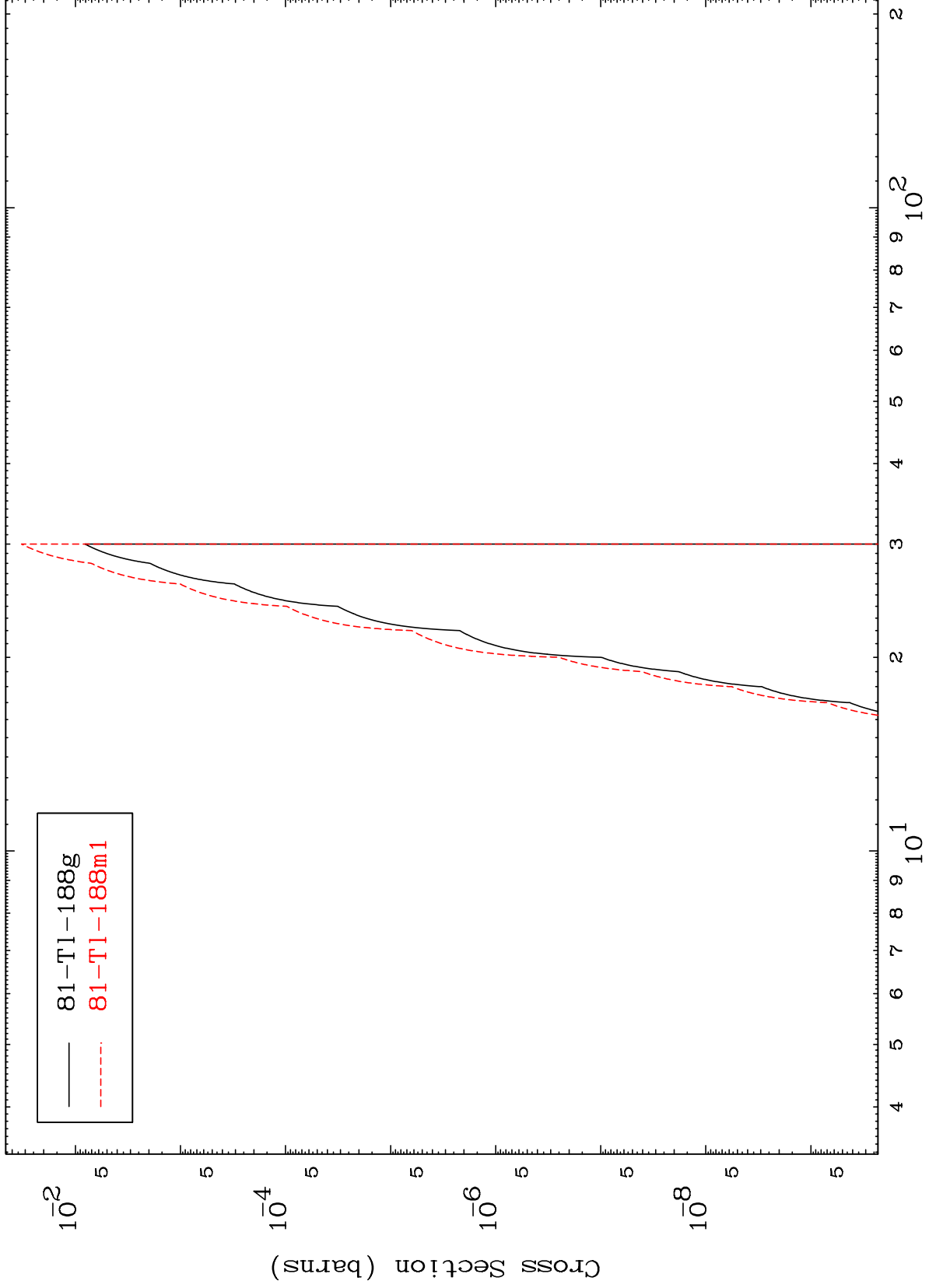
19

MAT 8181

(n,n') He-3

82-Pb-189m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

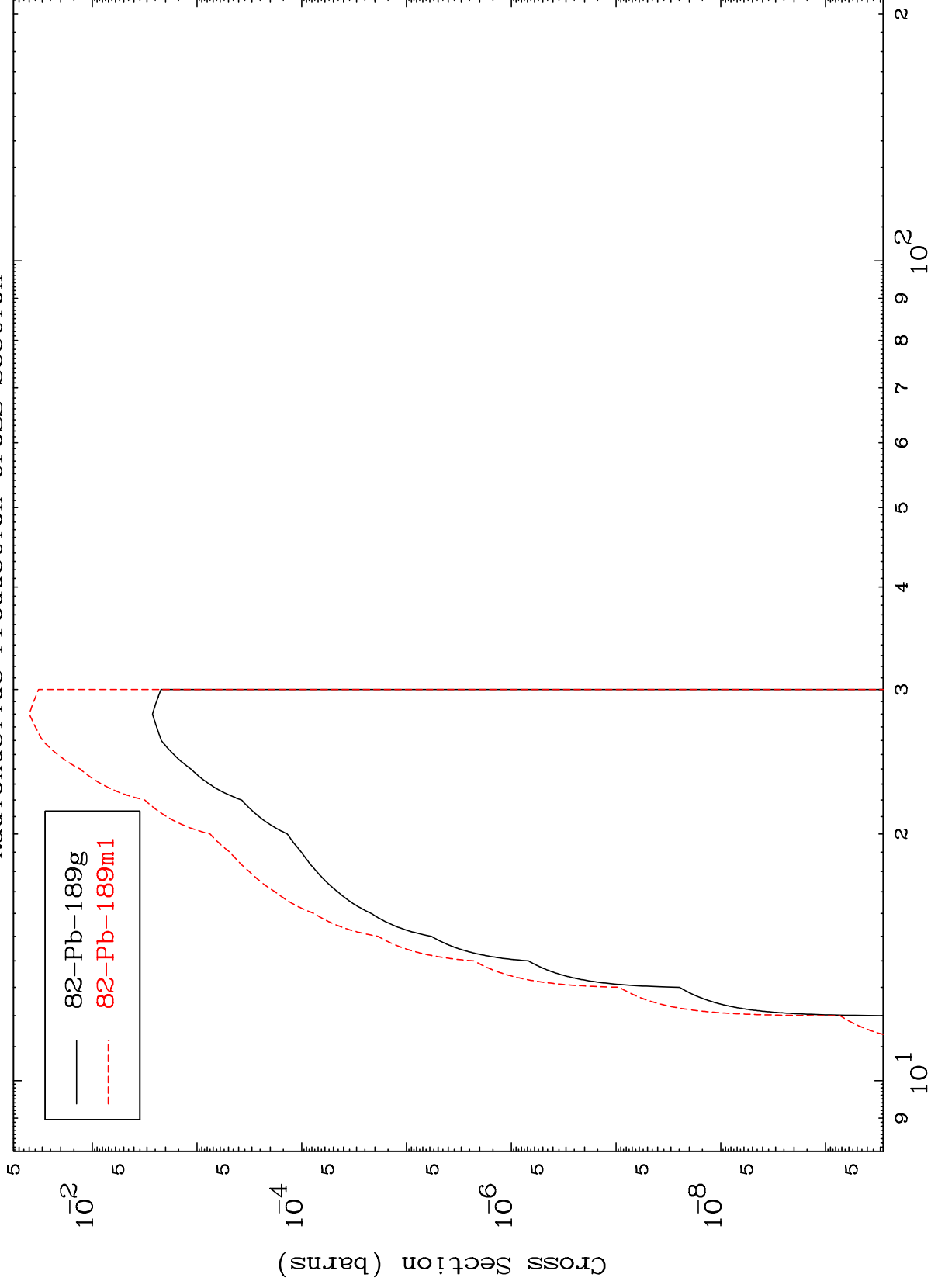
82-Pb-189m

MAT 8181

(n,2n) p

⁸²Pb-189m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

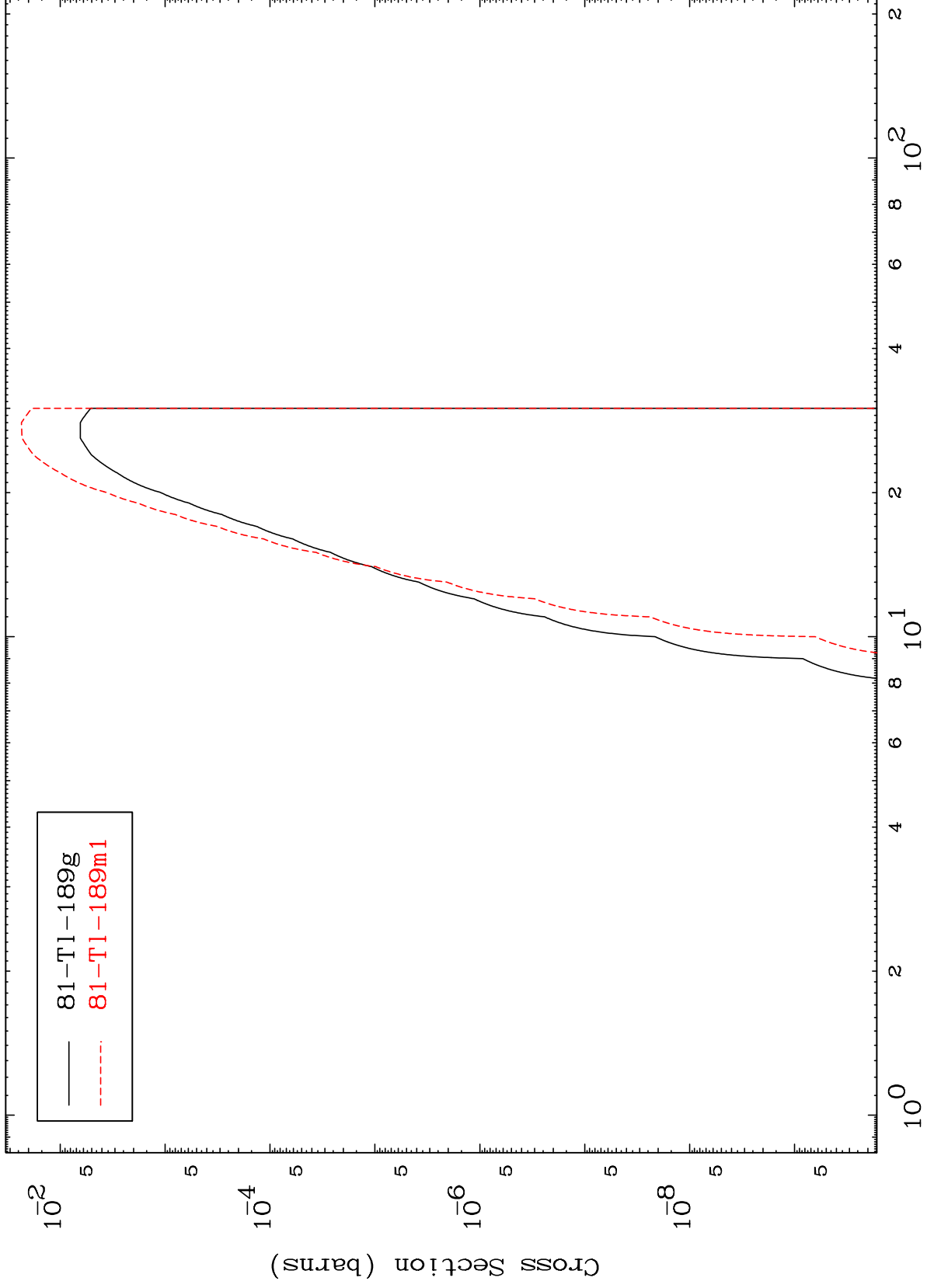
⁸²Pb-189m

MAT 8181

(n,2n) p

82-Pb-189m

Radionuclide Production Cross Section



22

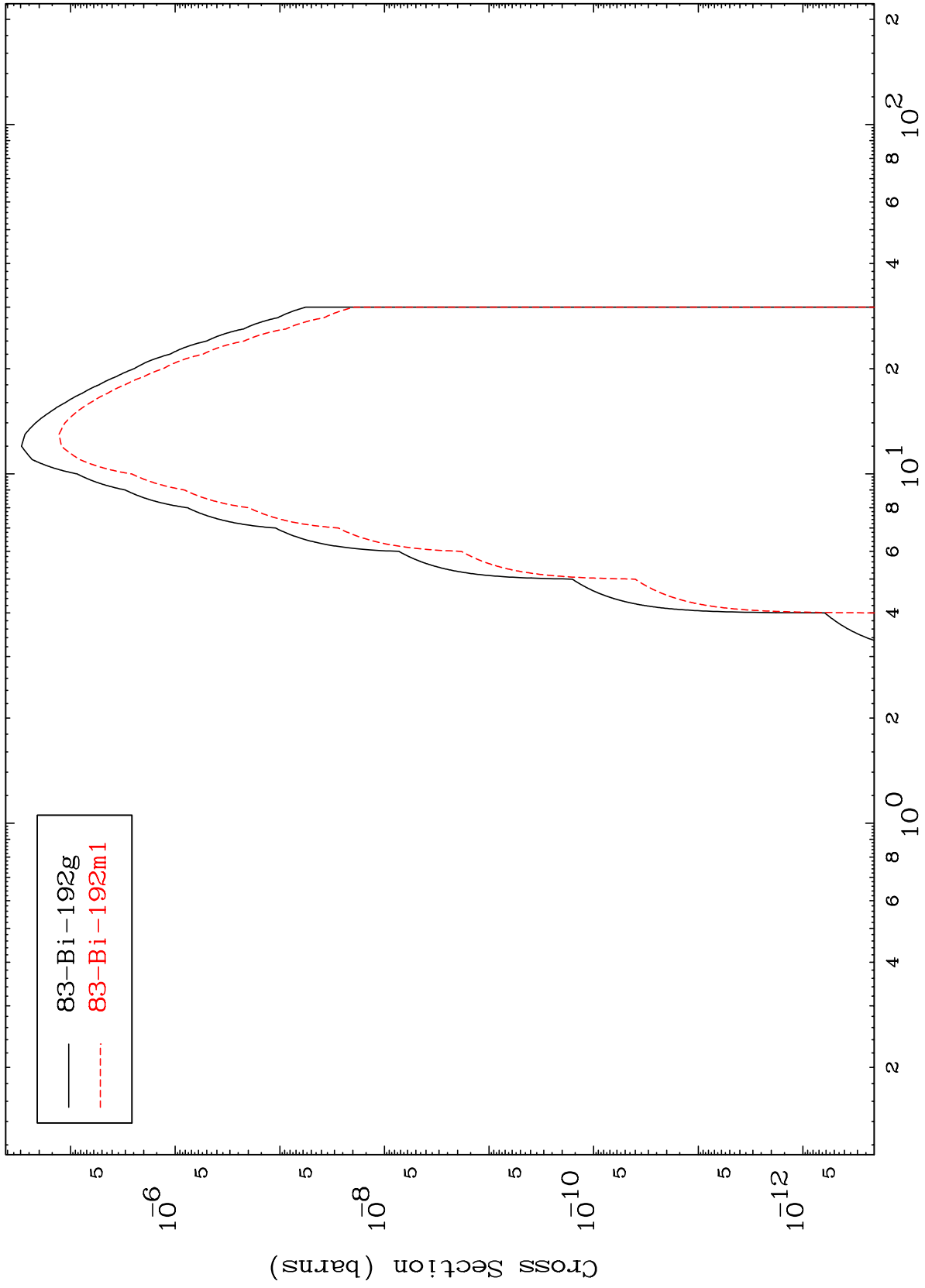
Incident Energy (MeV)

82-Pb-189m

MAT 8181

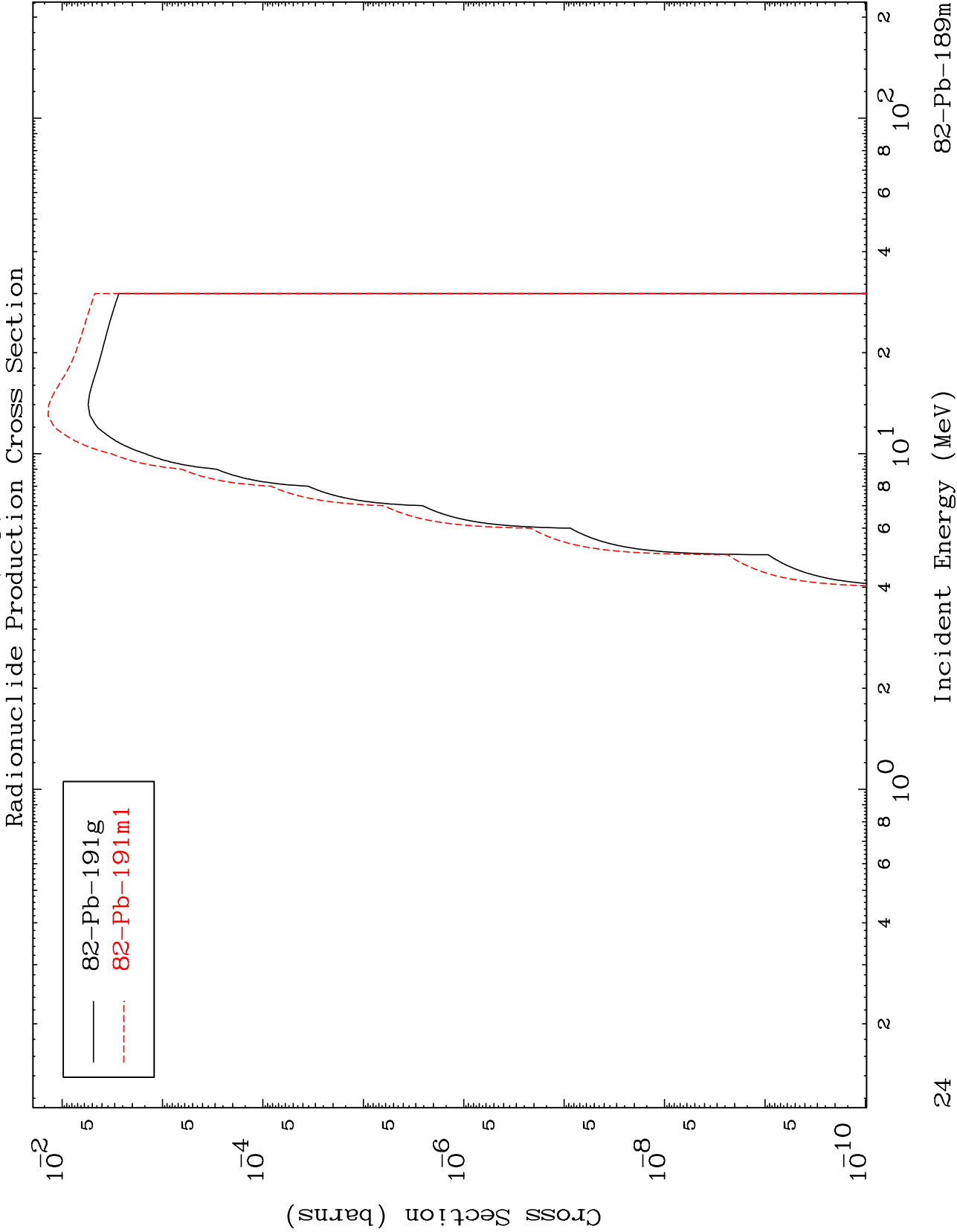
⁸²Pb-189m

(n,γ)
Radionuclide Production Cross Section



MAT 8181

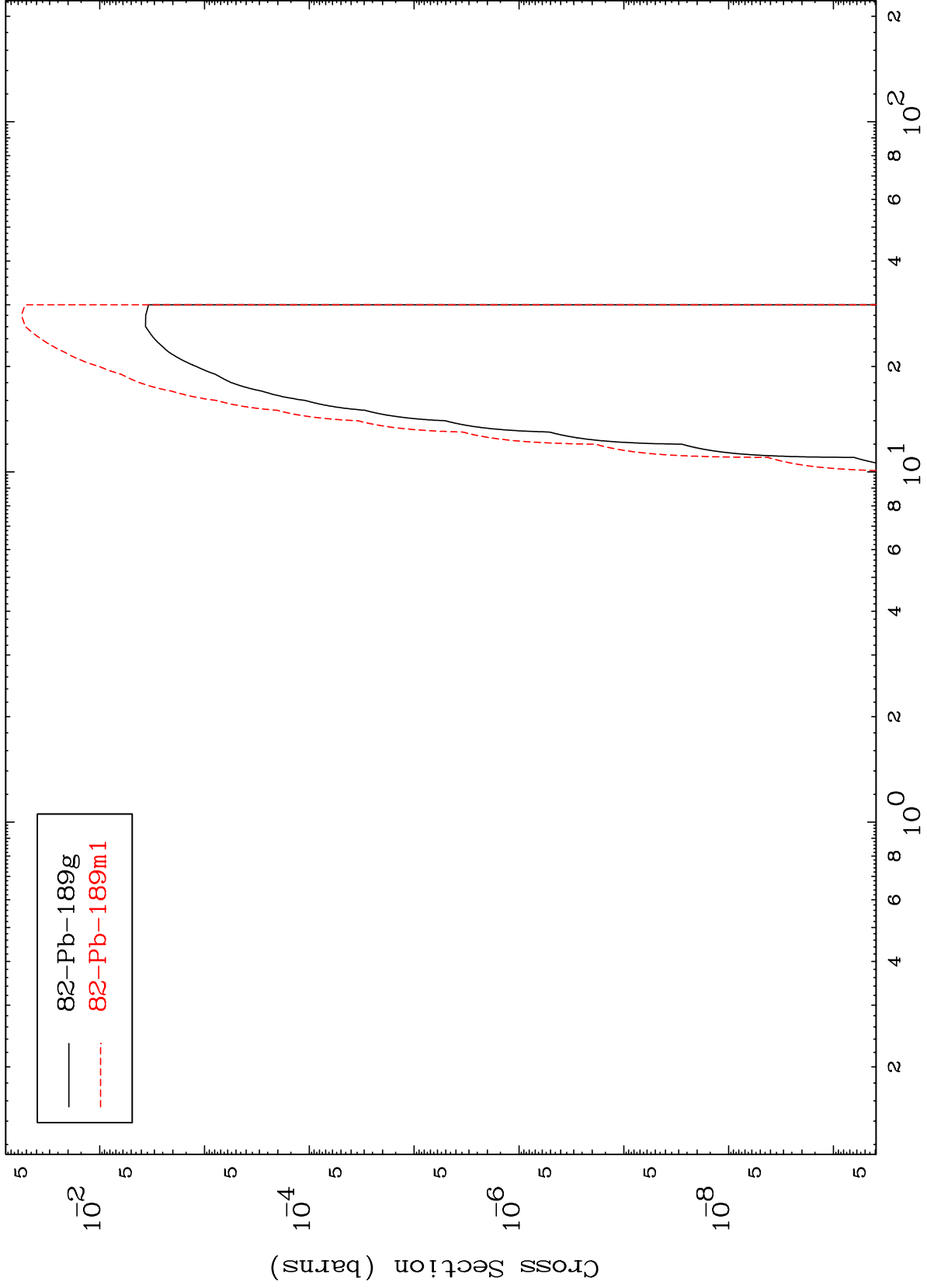
82-Pb-189m



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⁸²Pb-189m

Radionuclide Production Cross Section (n,t)



25

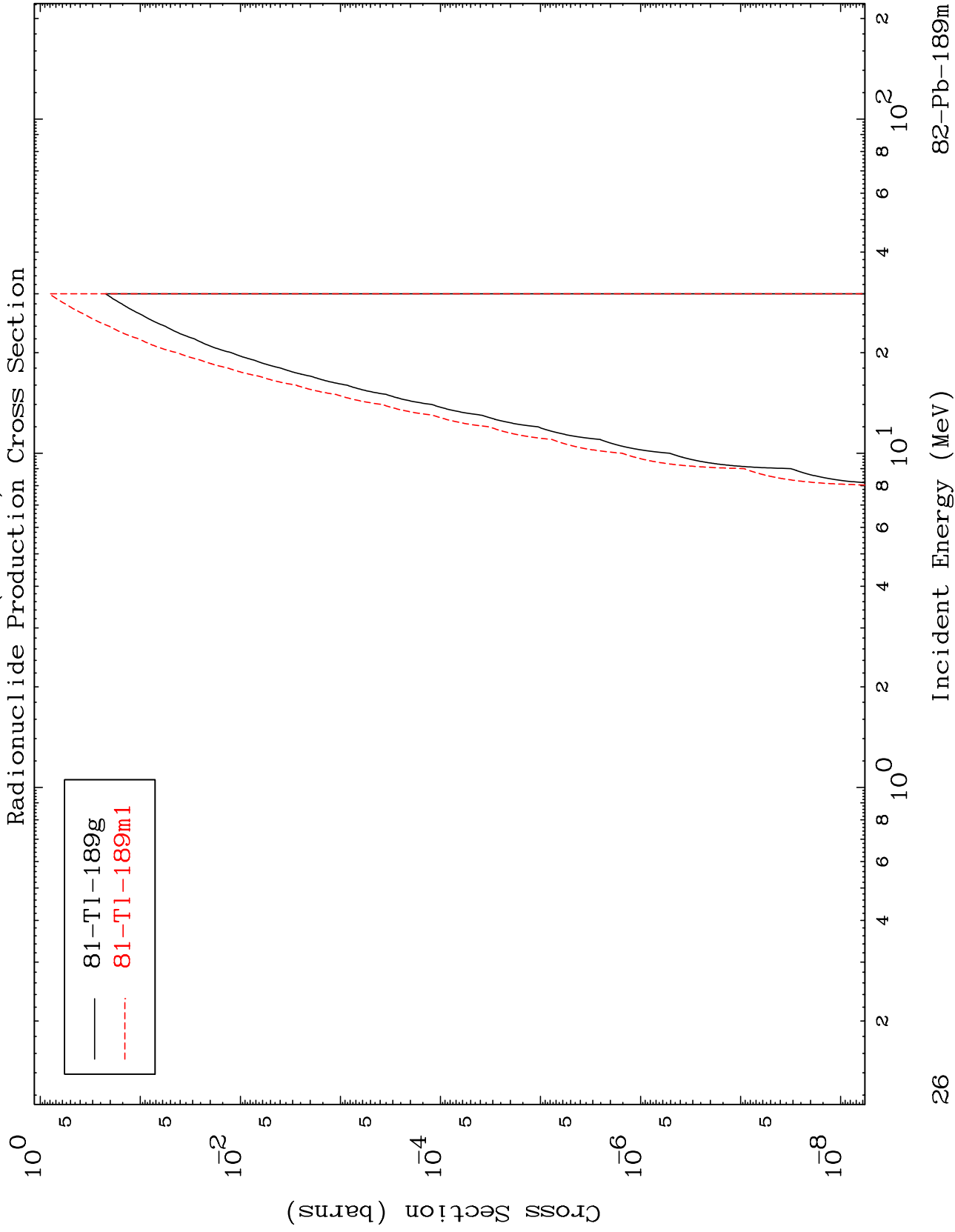
⁸²Pb-189m

Incident Energy (MeV)

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(n,He-3)

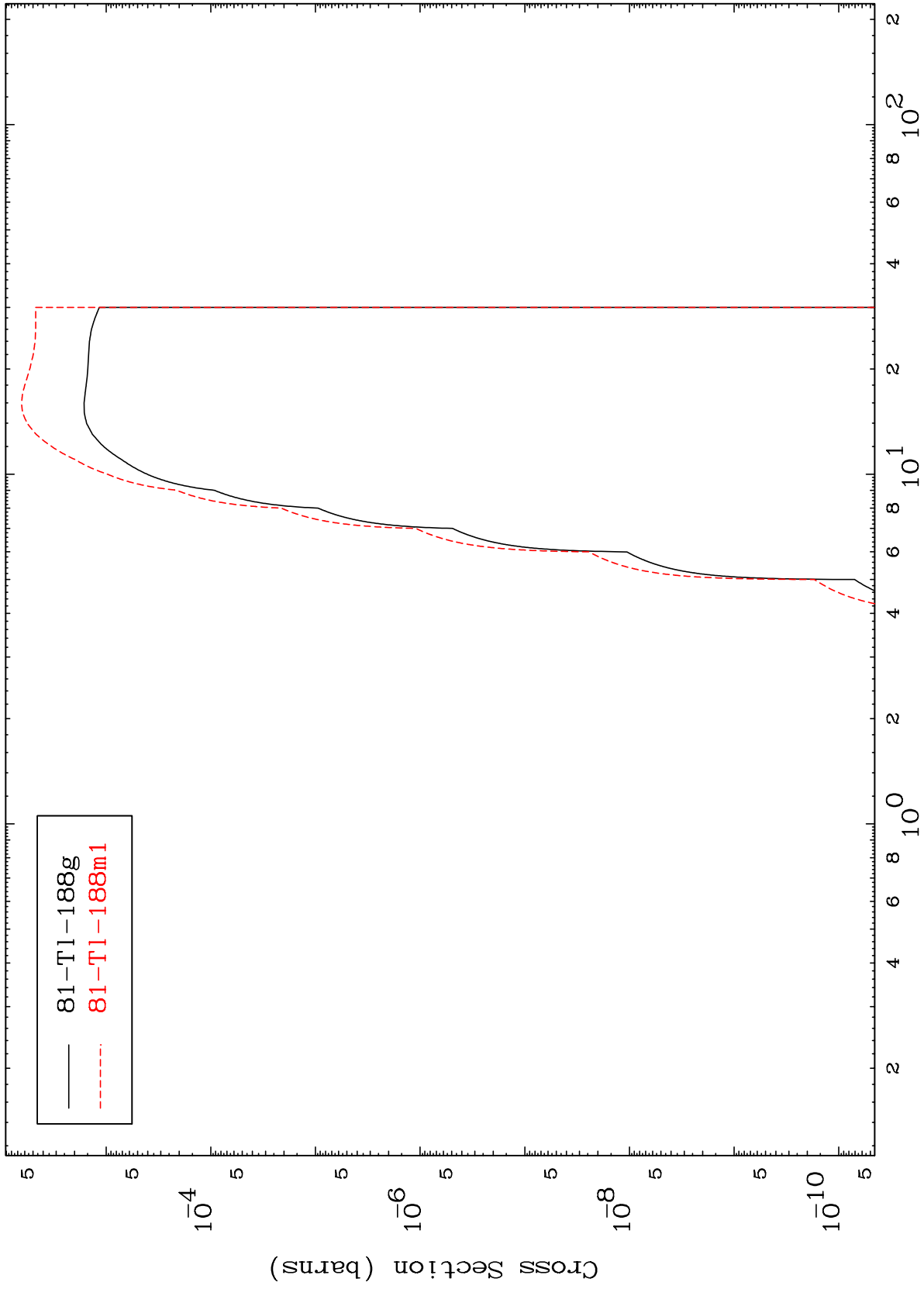
82-Pb-189m



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82-Pb-189m

Radionuclide Production Cross Section



27

82-Pb-189m

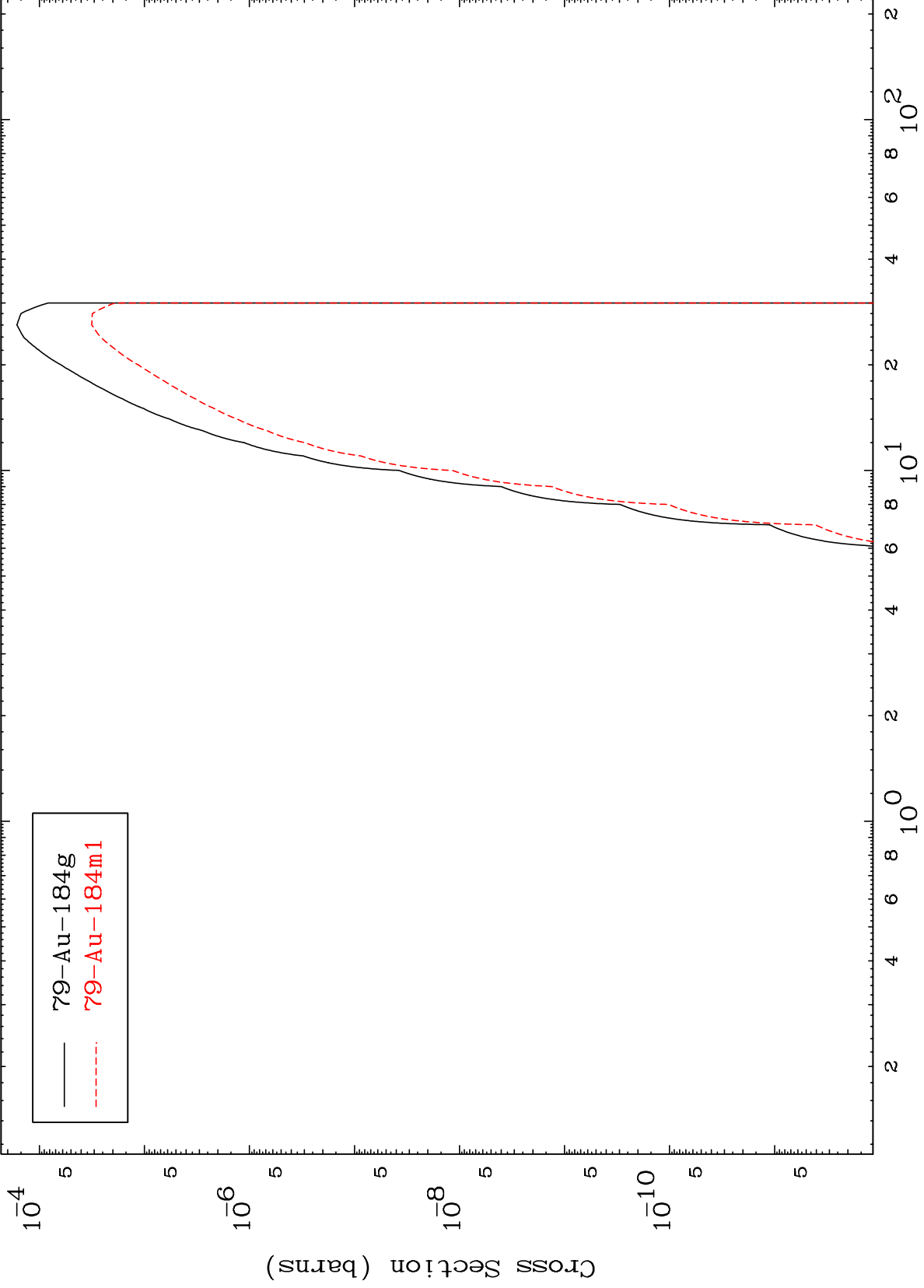
Incident Energy (MeV)

MAT 8181

(n,2α)

82-Pb-189m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

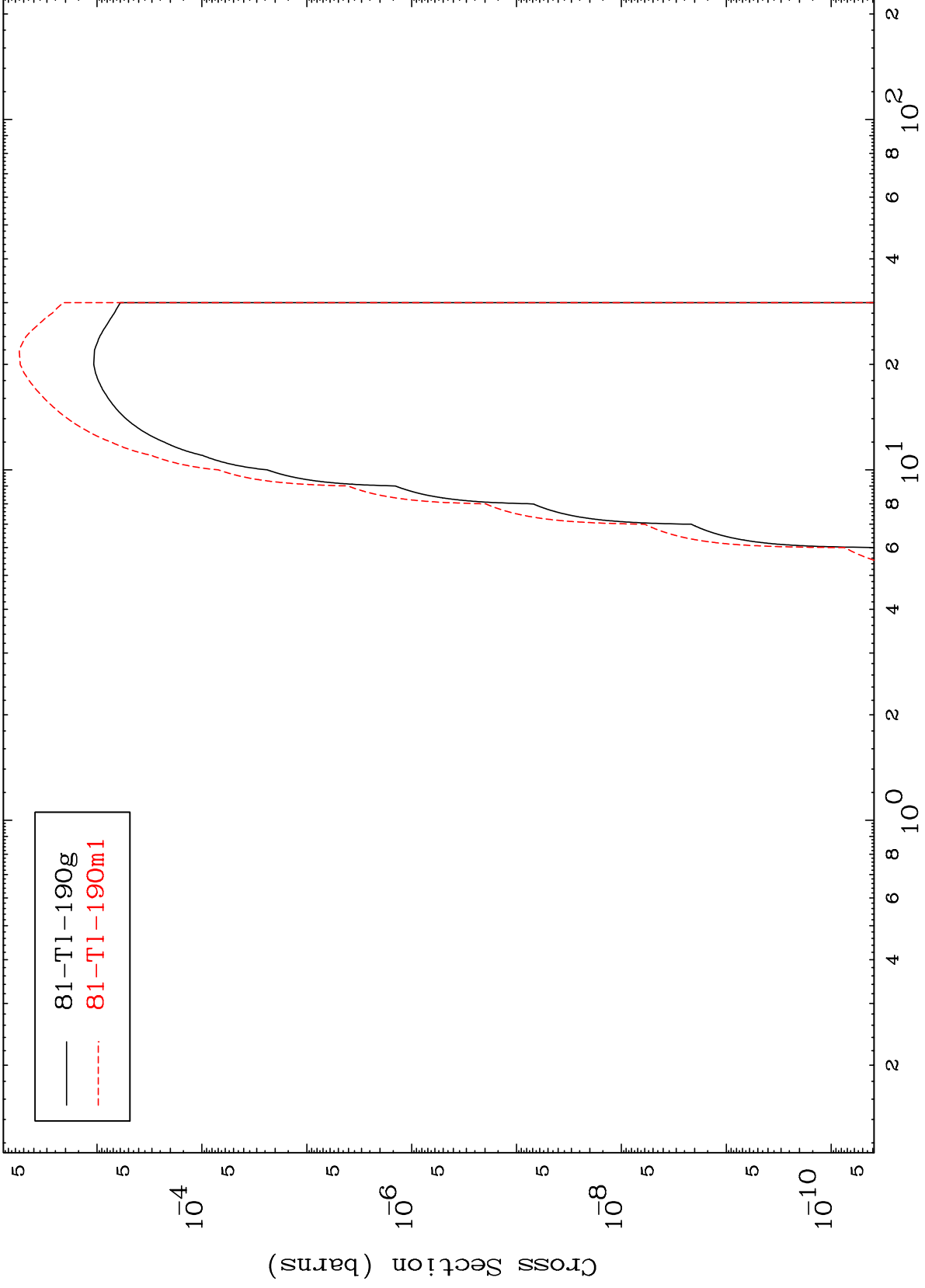
82-Pb-189m

MAT 8181

(n,2p)

⁸²Pb-189m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

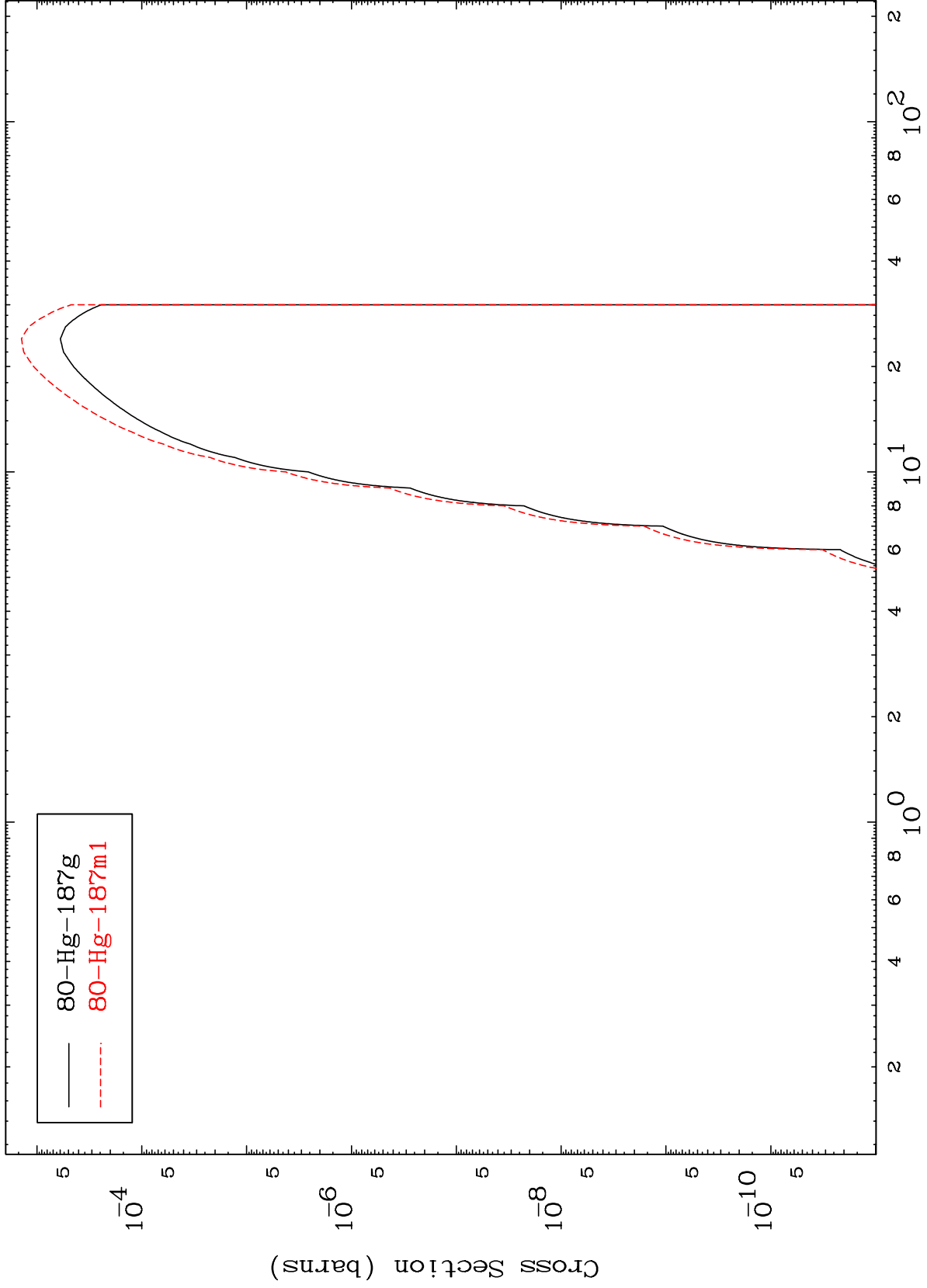
⁸²Pb-189m

MAT 8181

(n,p) α

⁸²Pb-189m

Radionuclide Production Cross Section



30

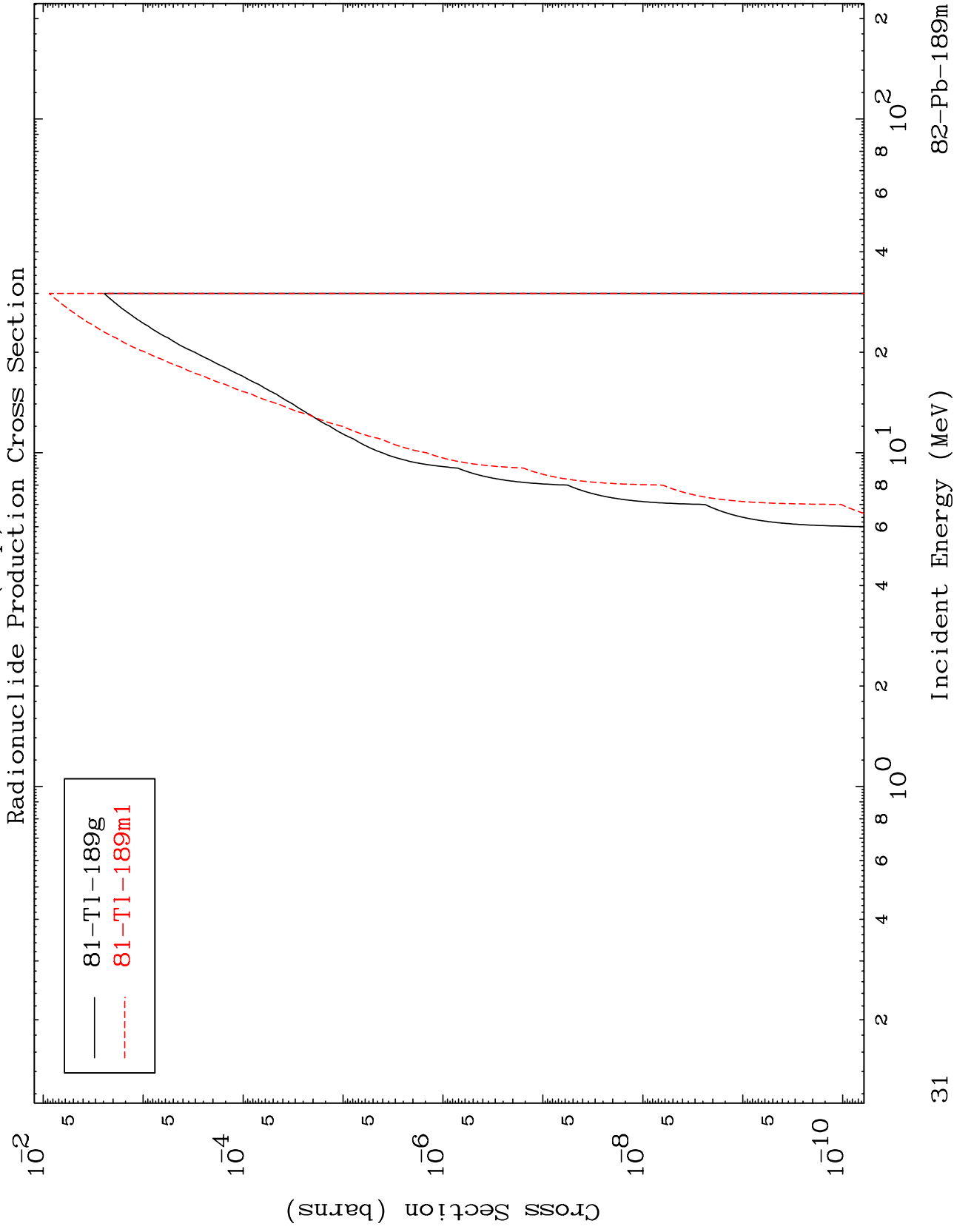
Incident Energy (MeV)

⁸²Pb-189m

MAT 8181

(n,p) d

82-Pb-189m

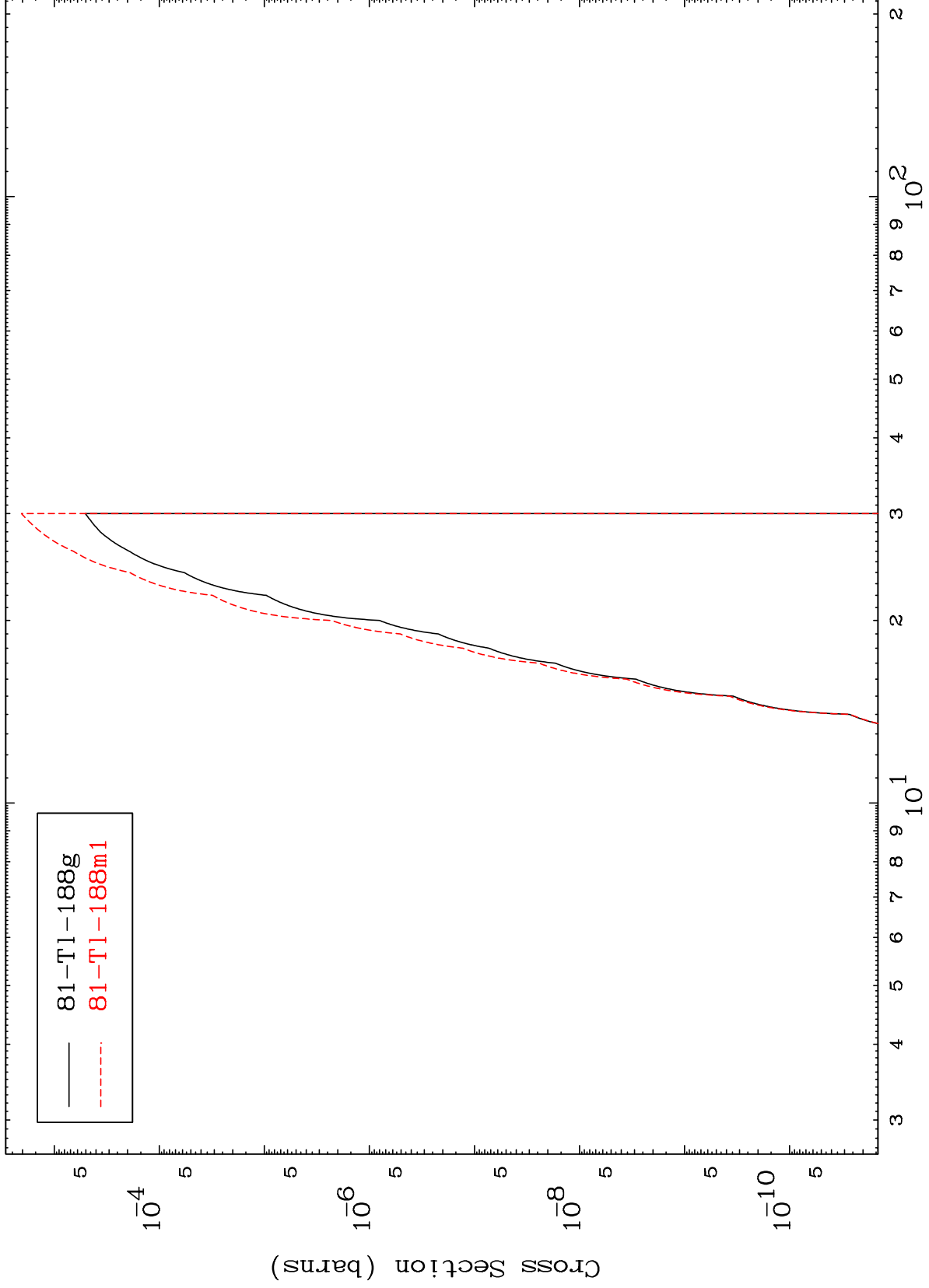


MAT 8181

(n,p) t

82-Pb-189m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

82-Pb-189m