

Program EVALPLOT
(Version 2021-1)

by

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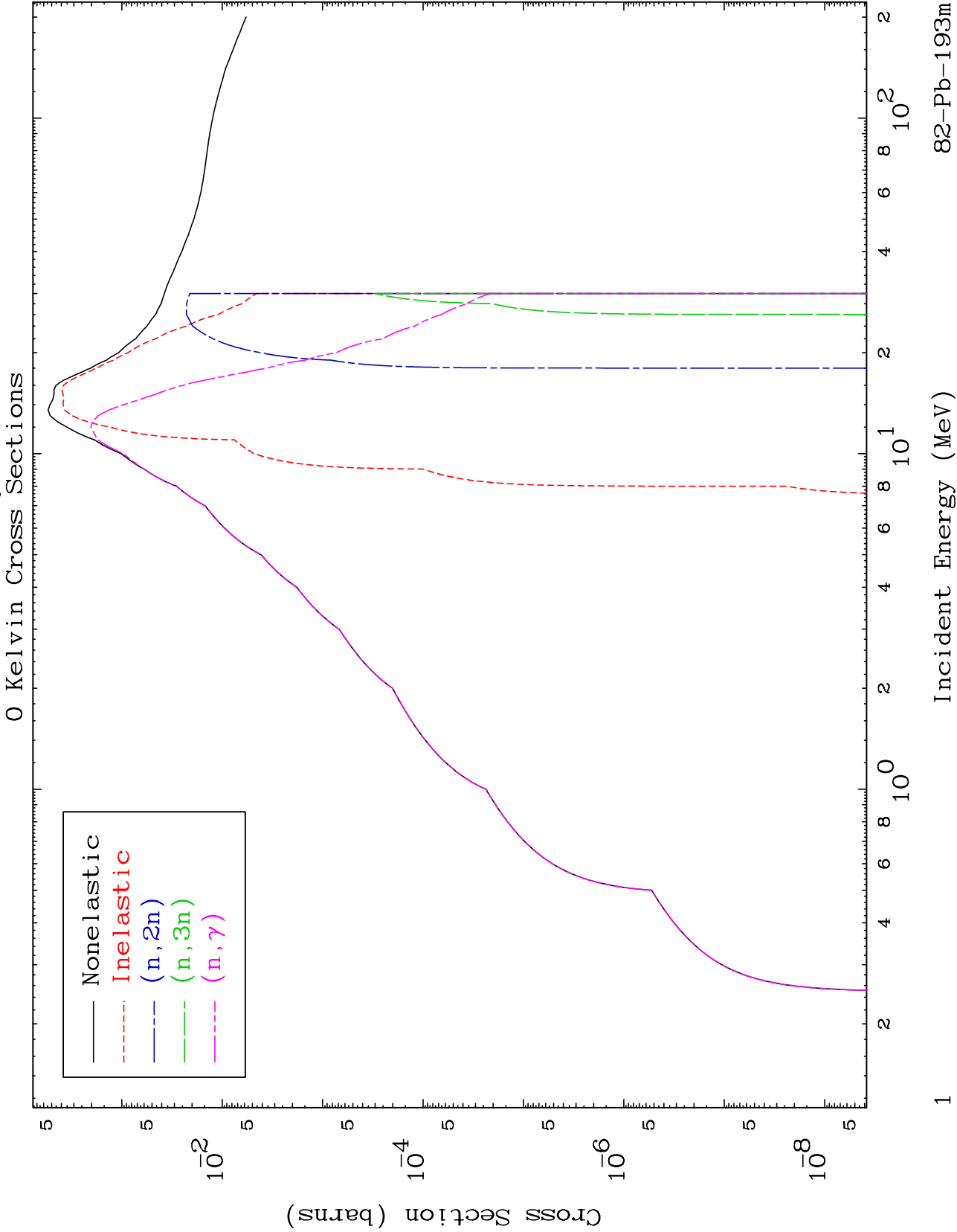
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8193

Photon Major

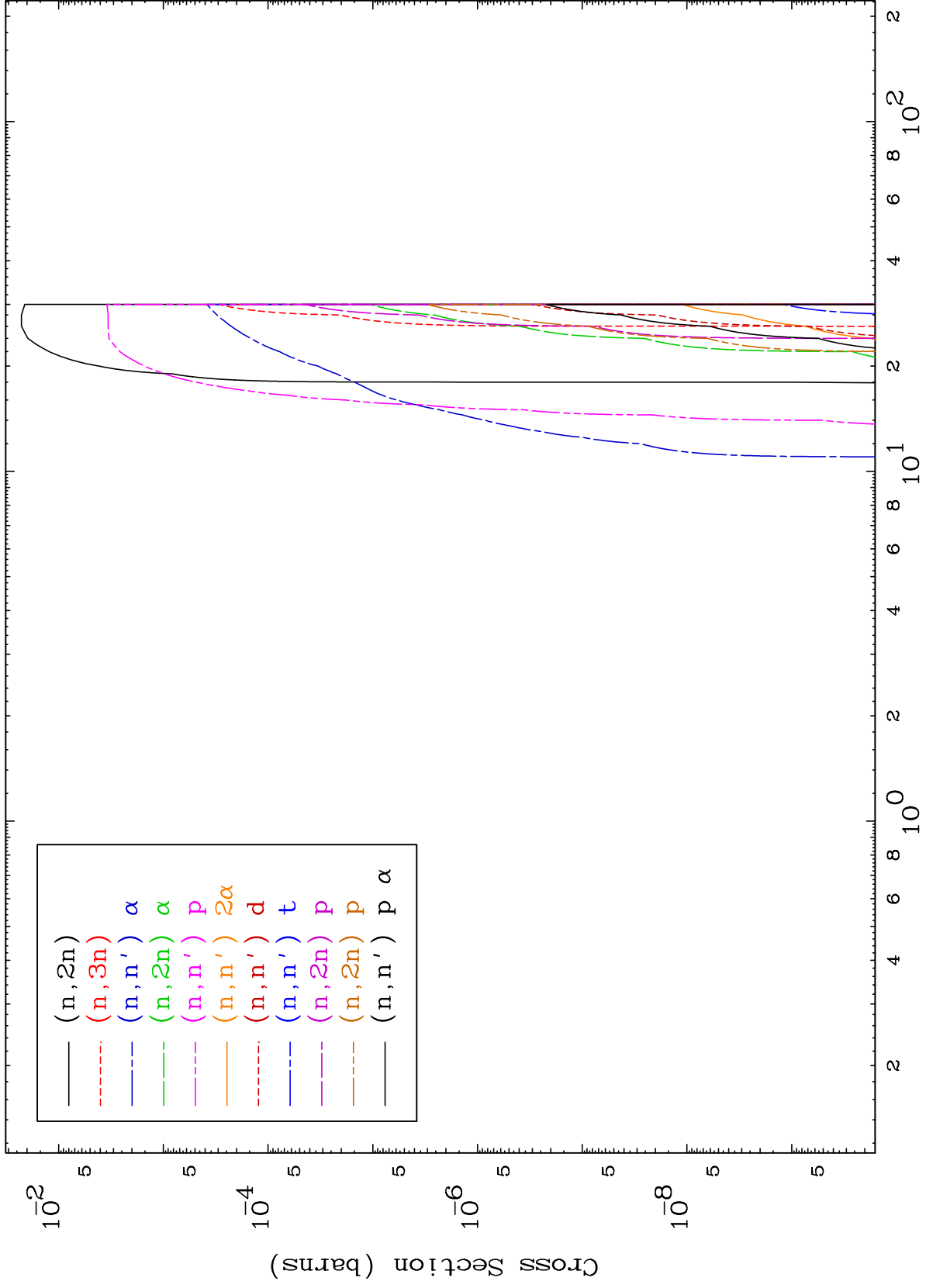
82-Pb-193m

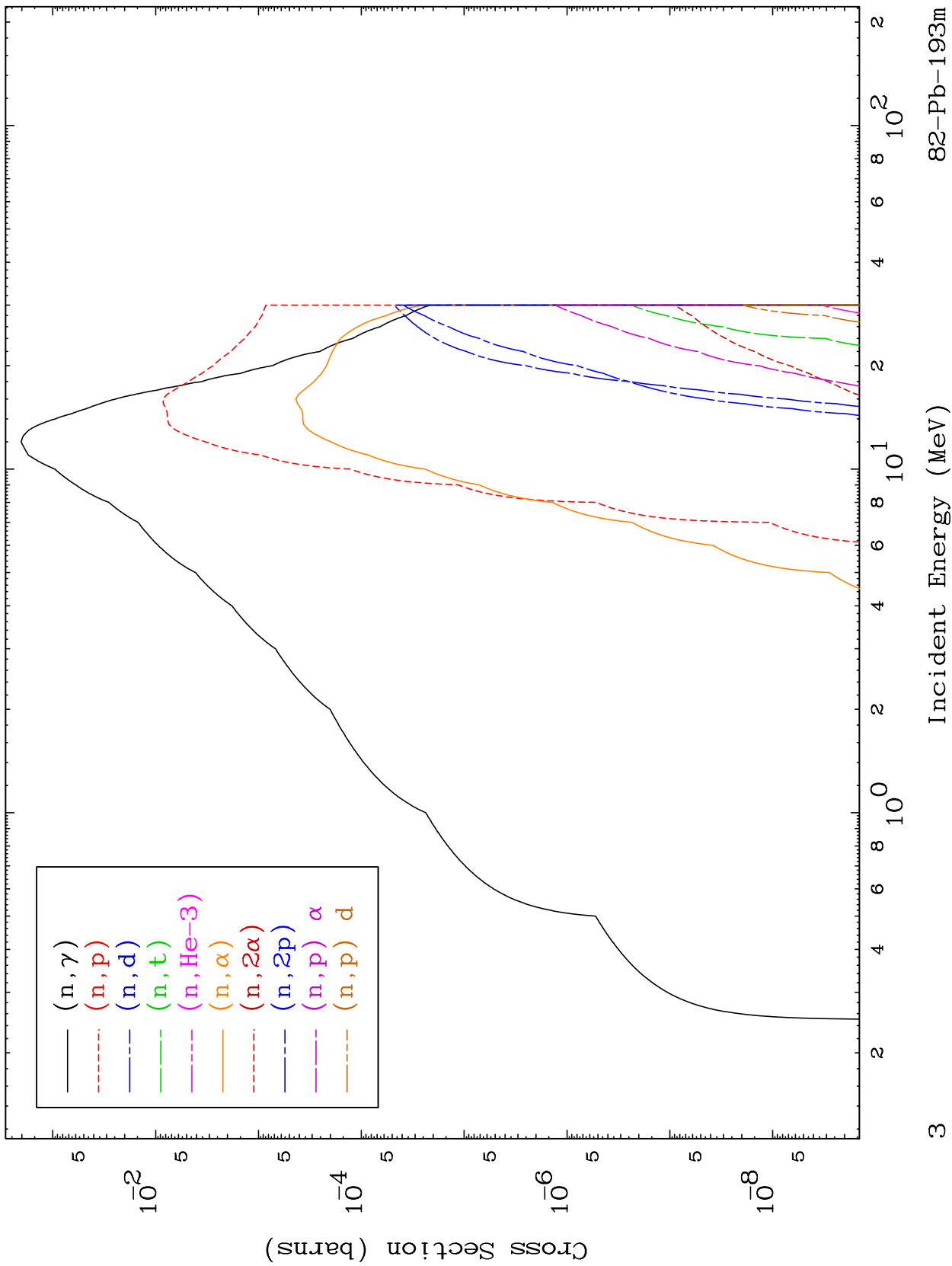


MAT 8193

Photon Neutron Absorption
0 Kelvin Cross Sections

82-Pb-193m

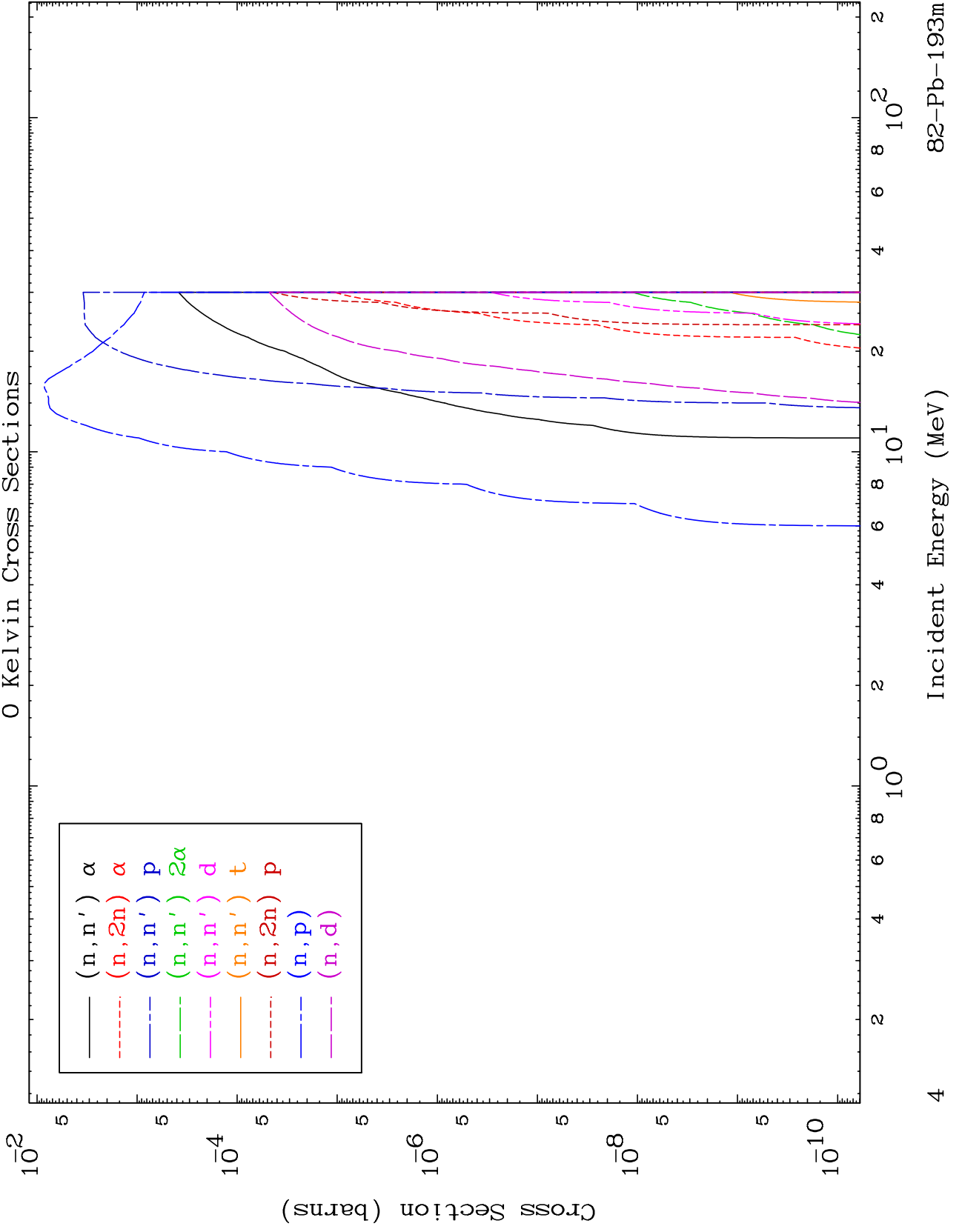


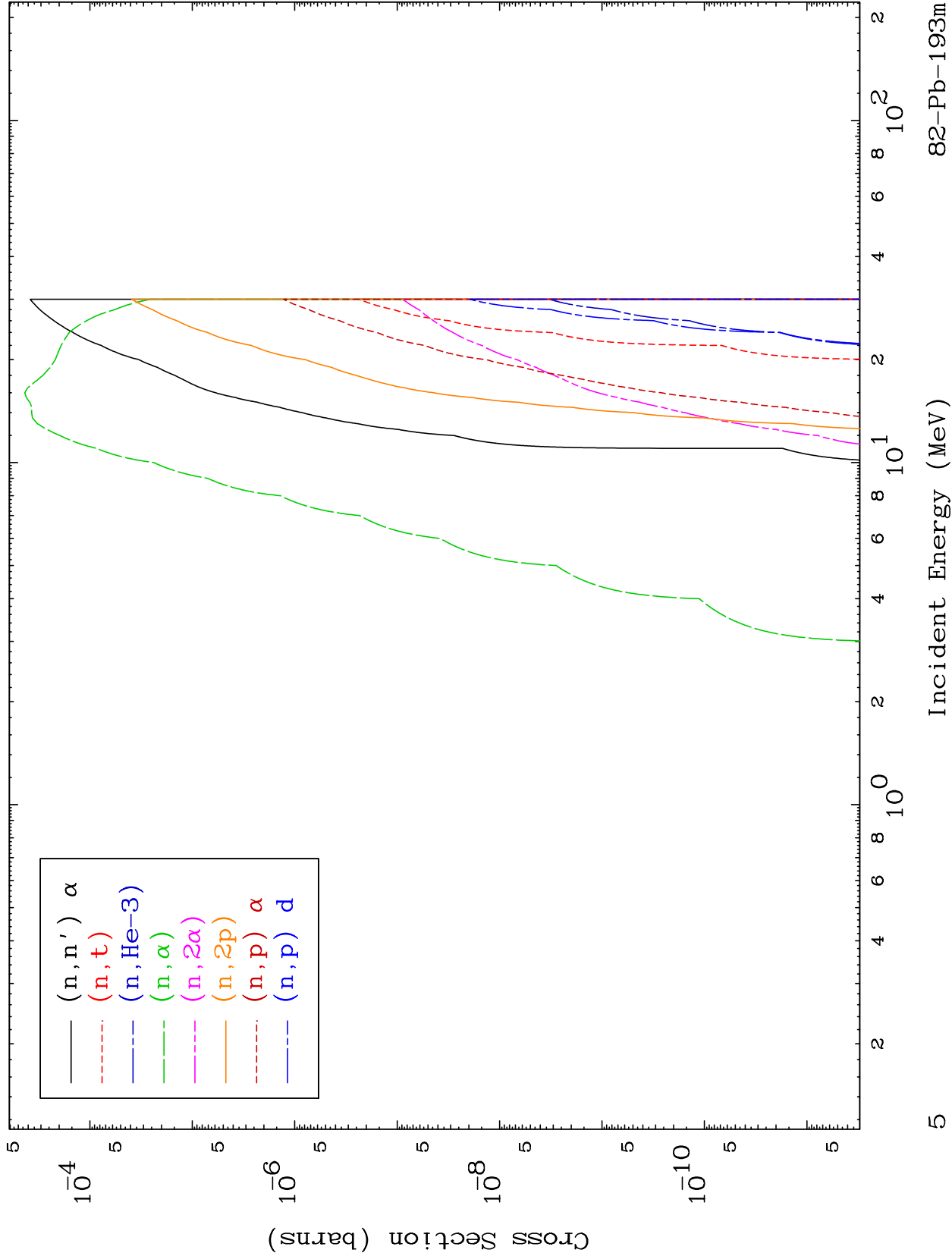


MAT 8193

Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-193m

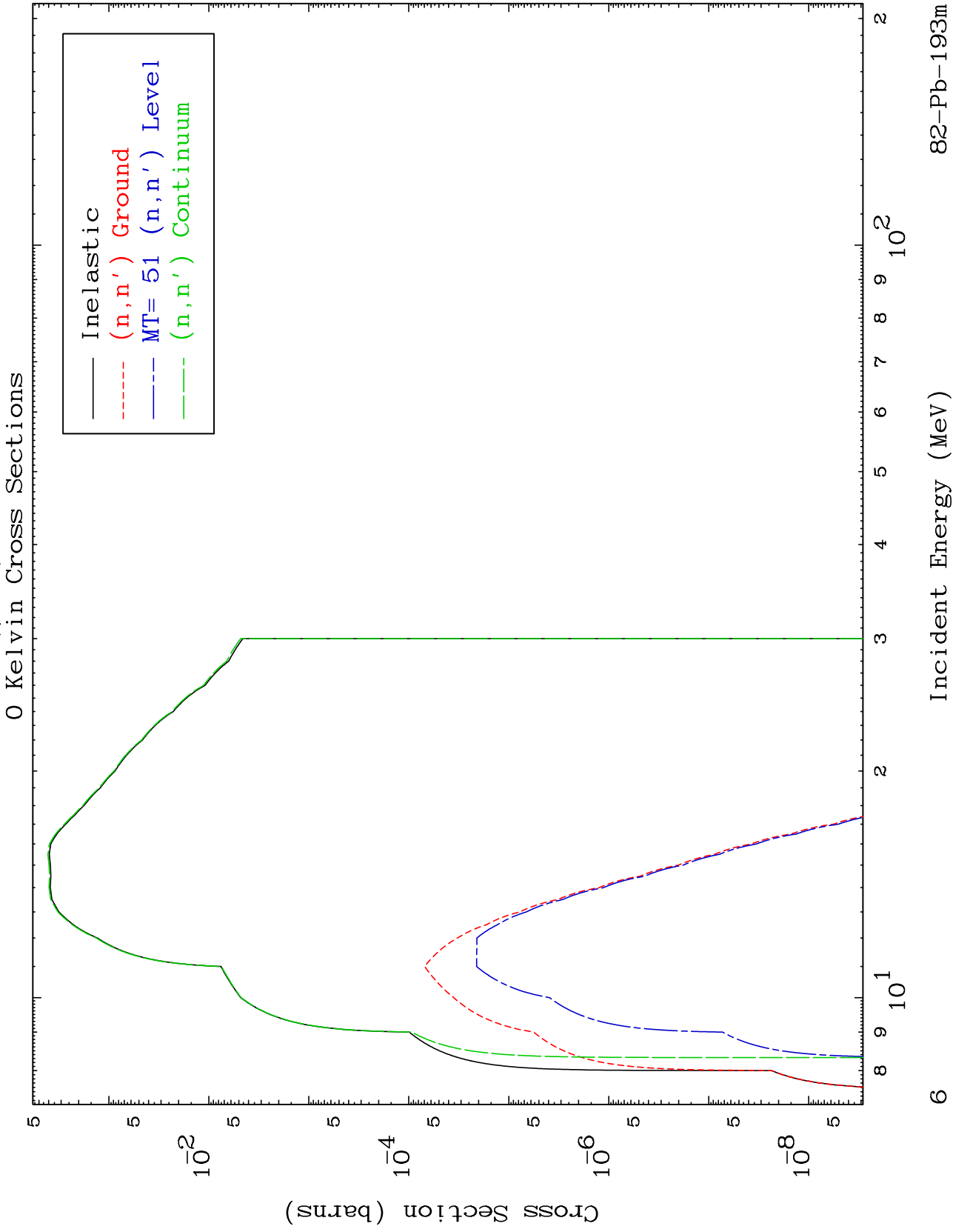




MAT 8193

(γ, n') Levels

82-Pb-193m



82-Pb-193m

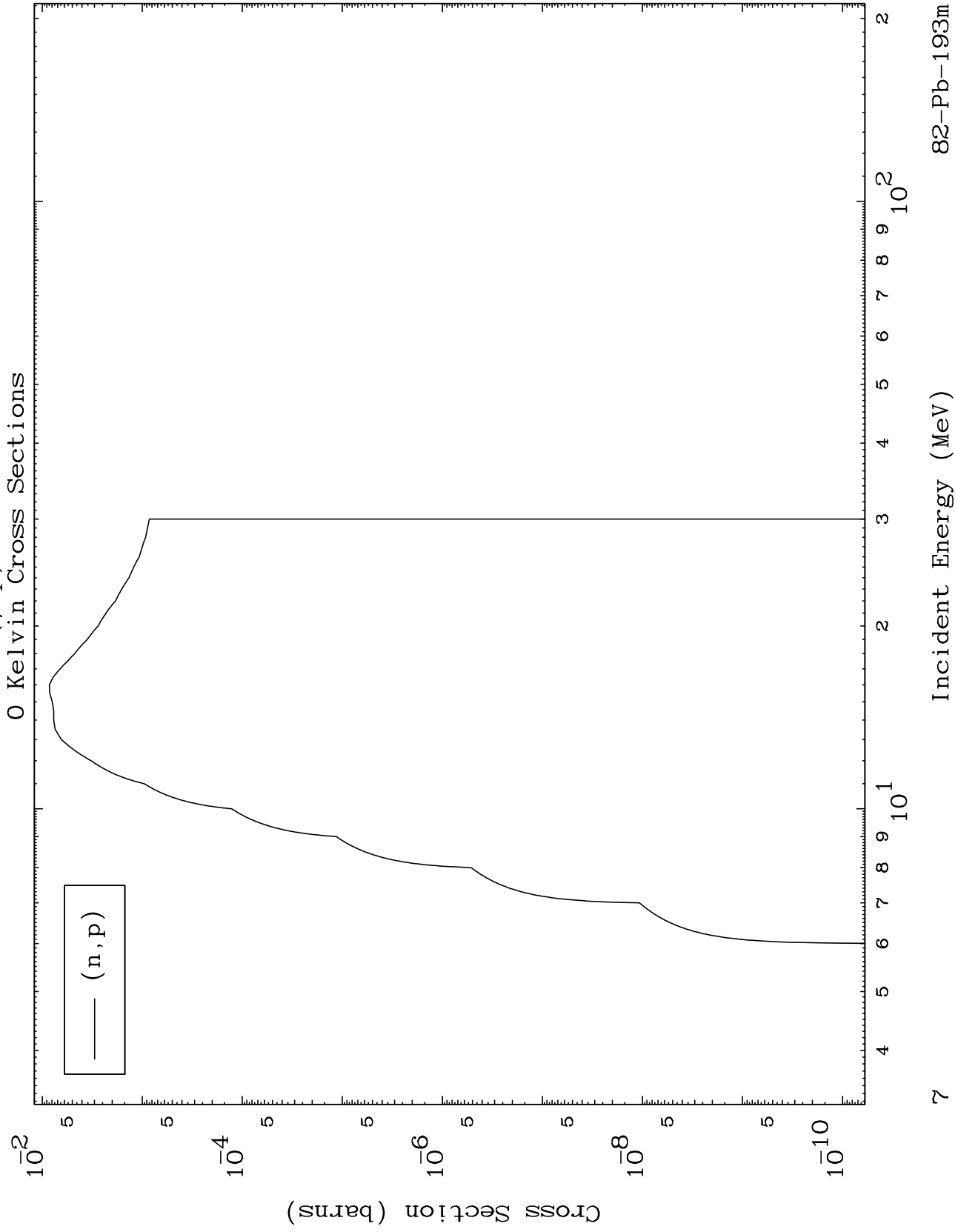
Incident Energy (MeV)

6

MAT 8193

(γ, p) Levels

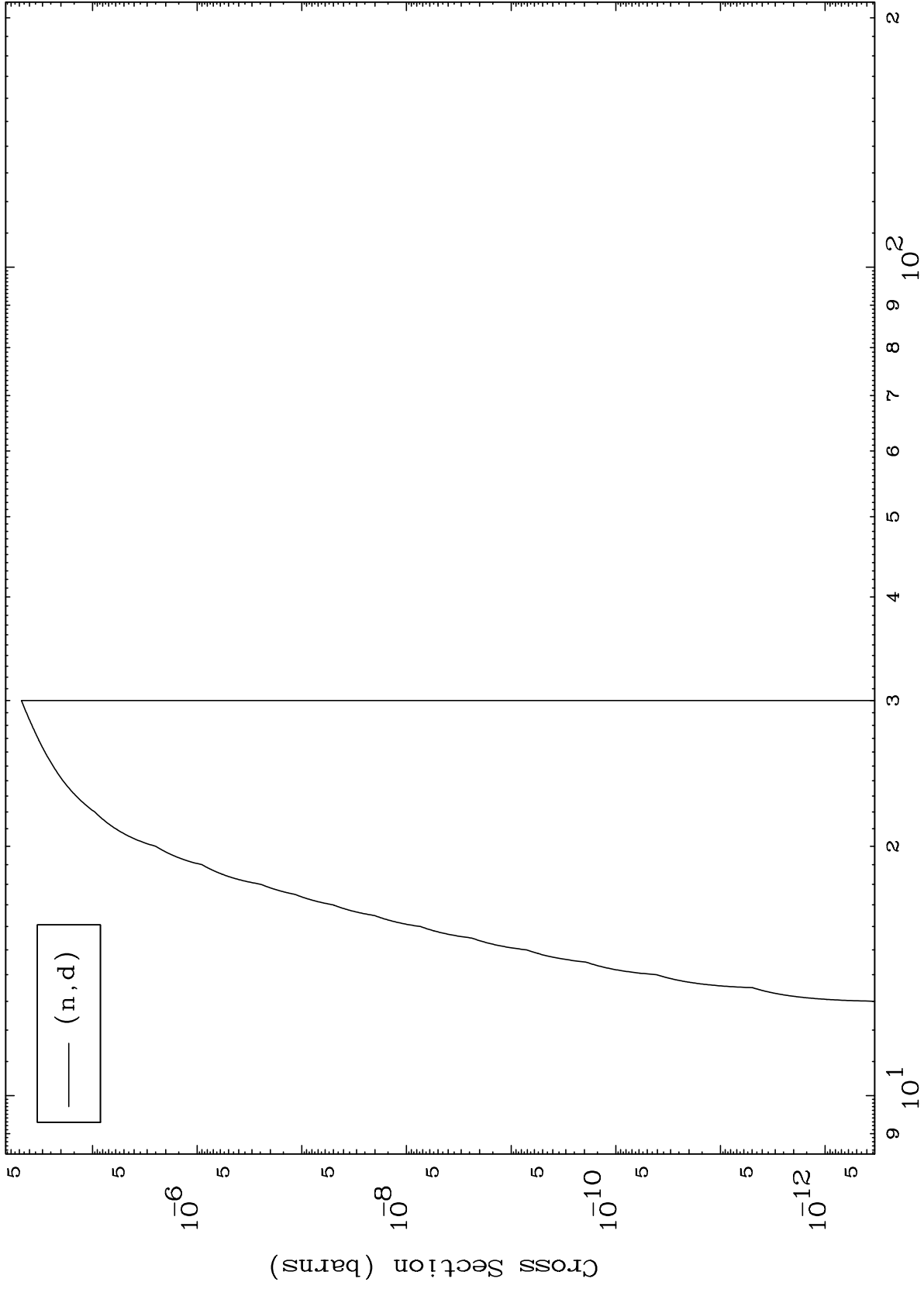
82-Pb-193m



MAT 8193

(γ, d) Levels
0 Kelvin Cross Sections

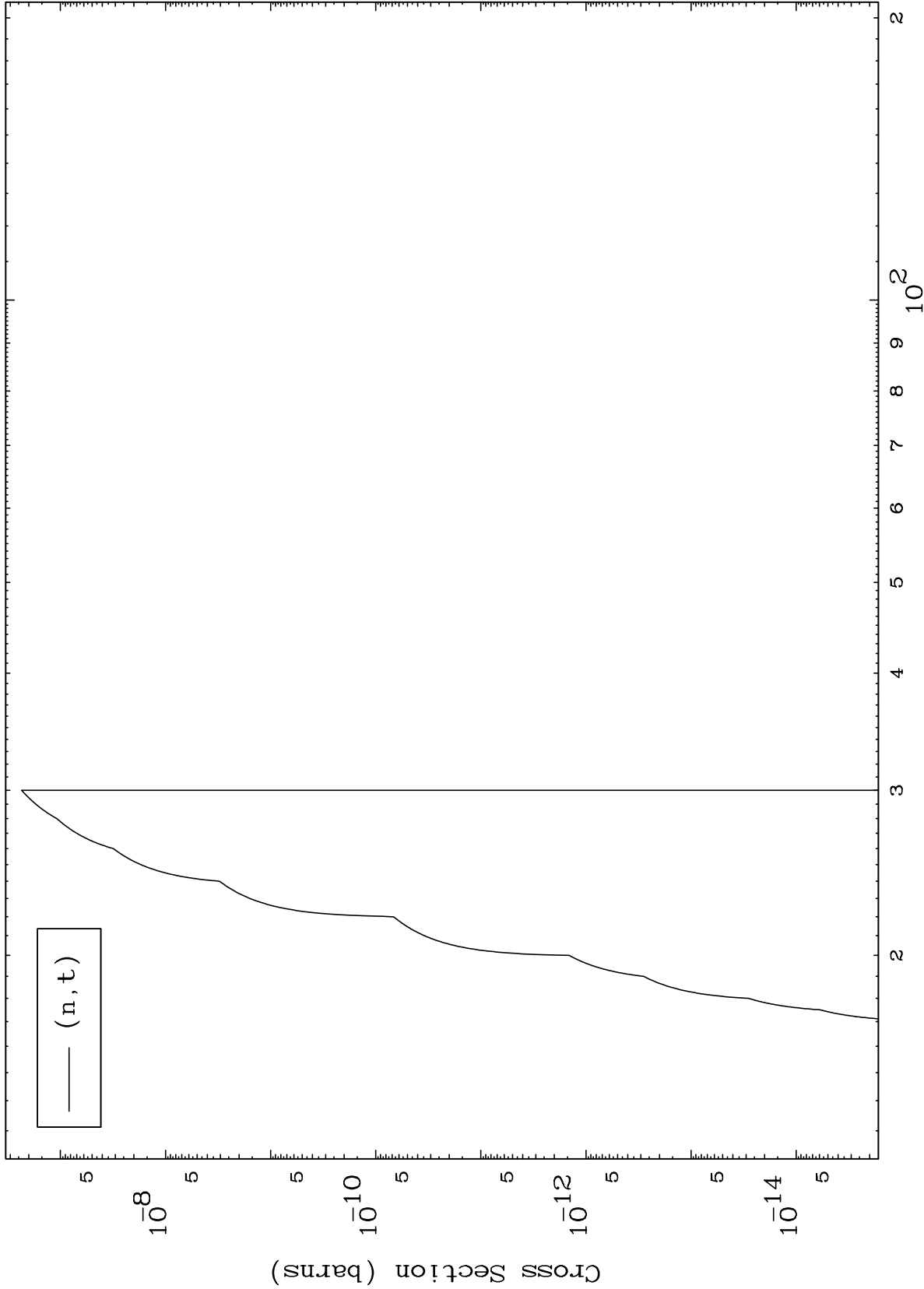
82-Pb-193m



Incident Energy (MeV)

82-Pb-193m

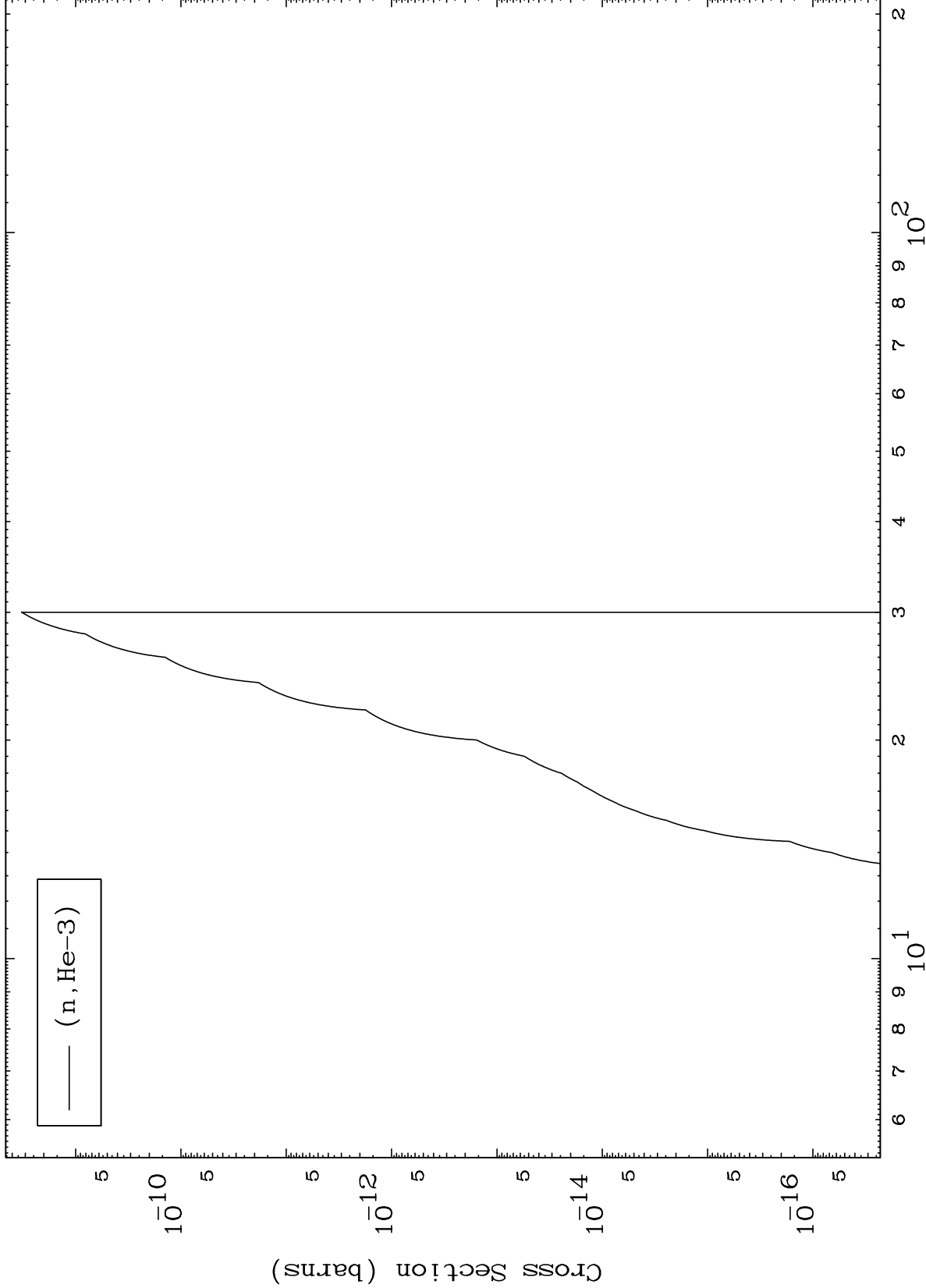
8



MAT 8193

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

$^{82}\text{Pb}-193\text{m}$



10

Incident Energy (MeV)

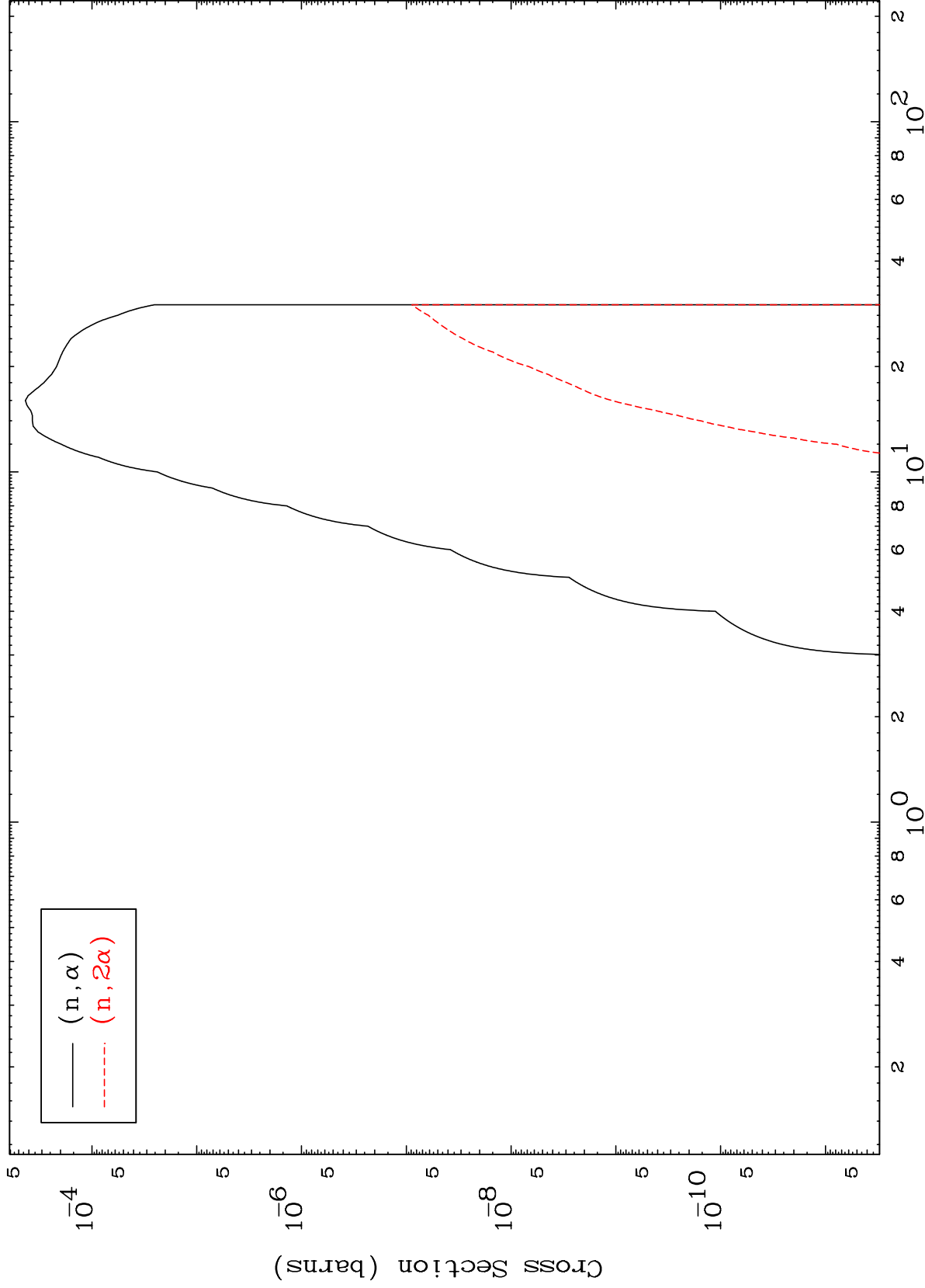
$^{82}\text{Pb}-193\text{m}$

MAT 8193

(γ, α) Levels

82-Pb-193m

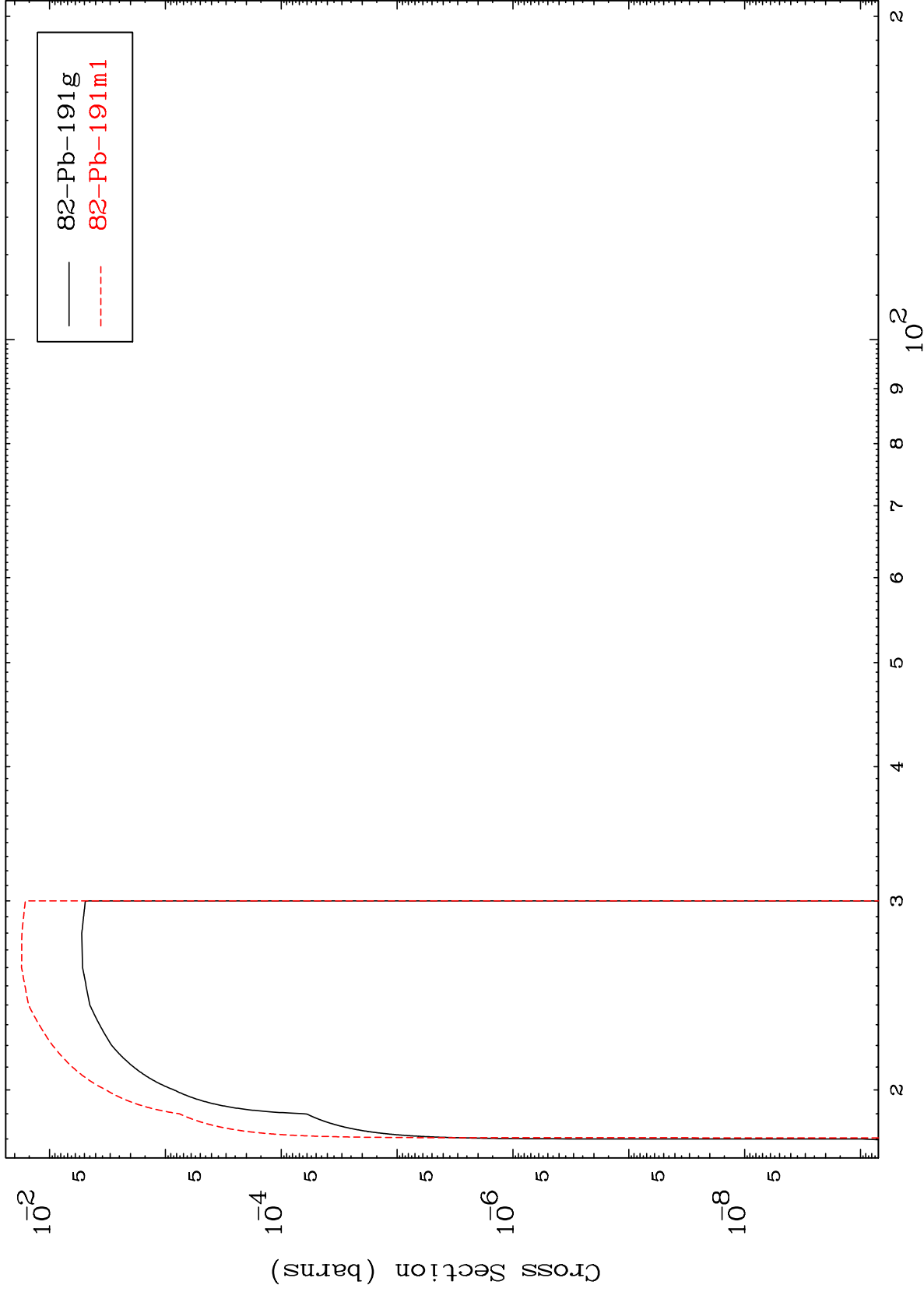
0 Kelvin Cross Sections



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82-Pb-193m

(n,2n)
Radionuclide Production Cross Section



12

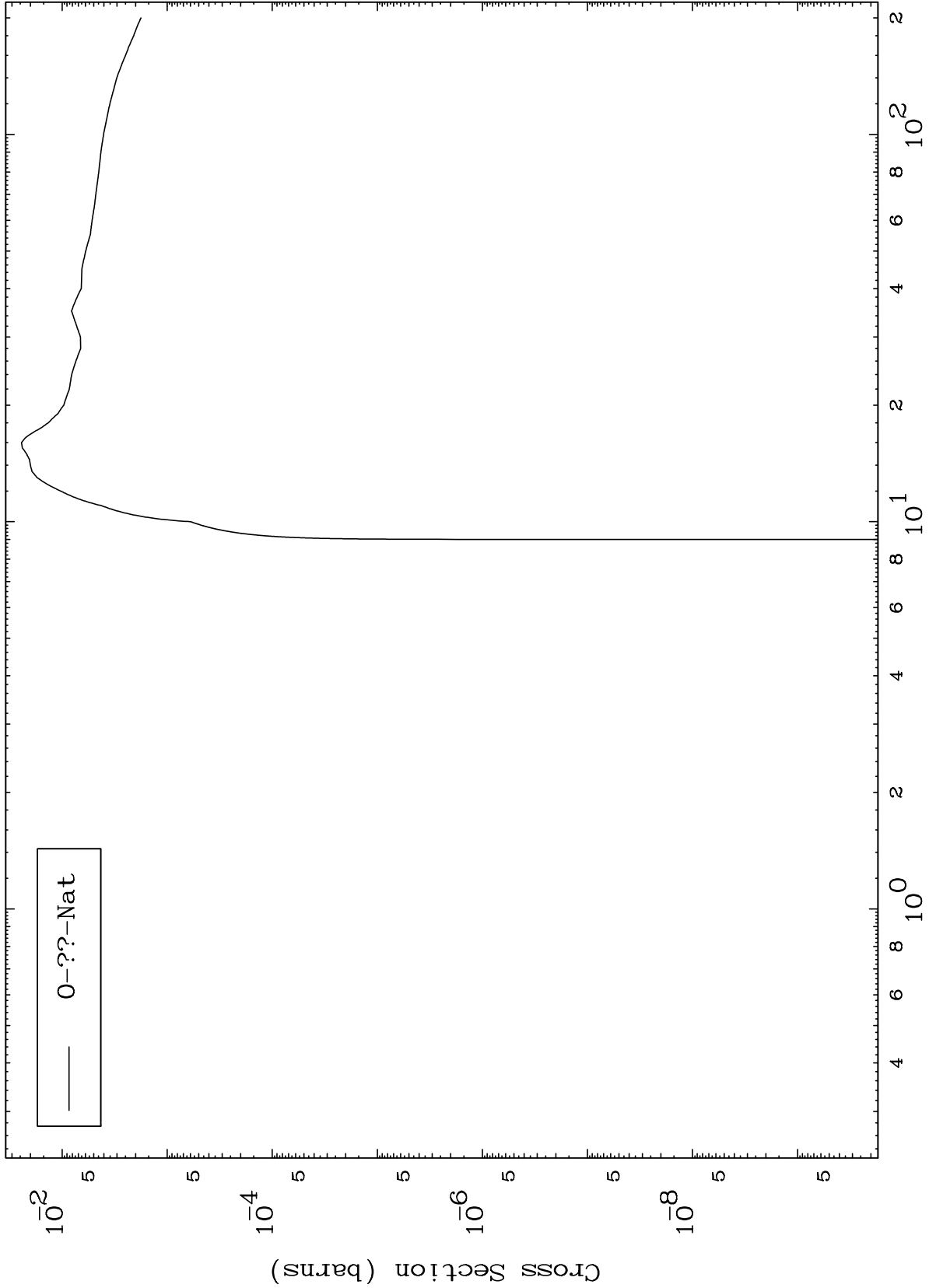
Incident Energy (MeV)

82-Pb-193m

MAT 8193

82-Pb-193m

Fission
Radionuclide Production Cross Section

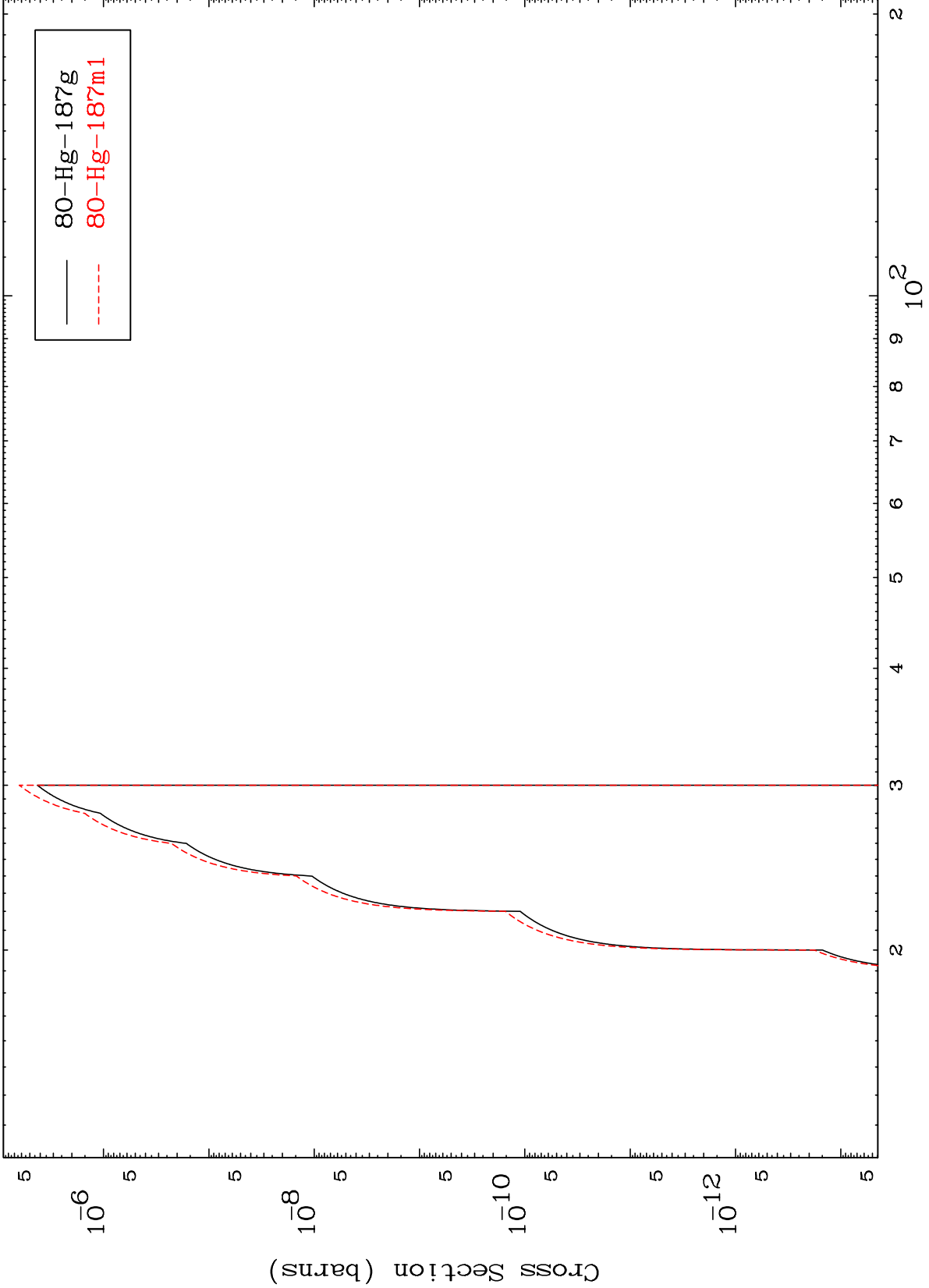


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$(n,2n) \alpha$

82-Pb-193m

Radionuclide Production Cross Section

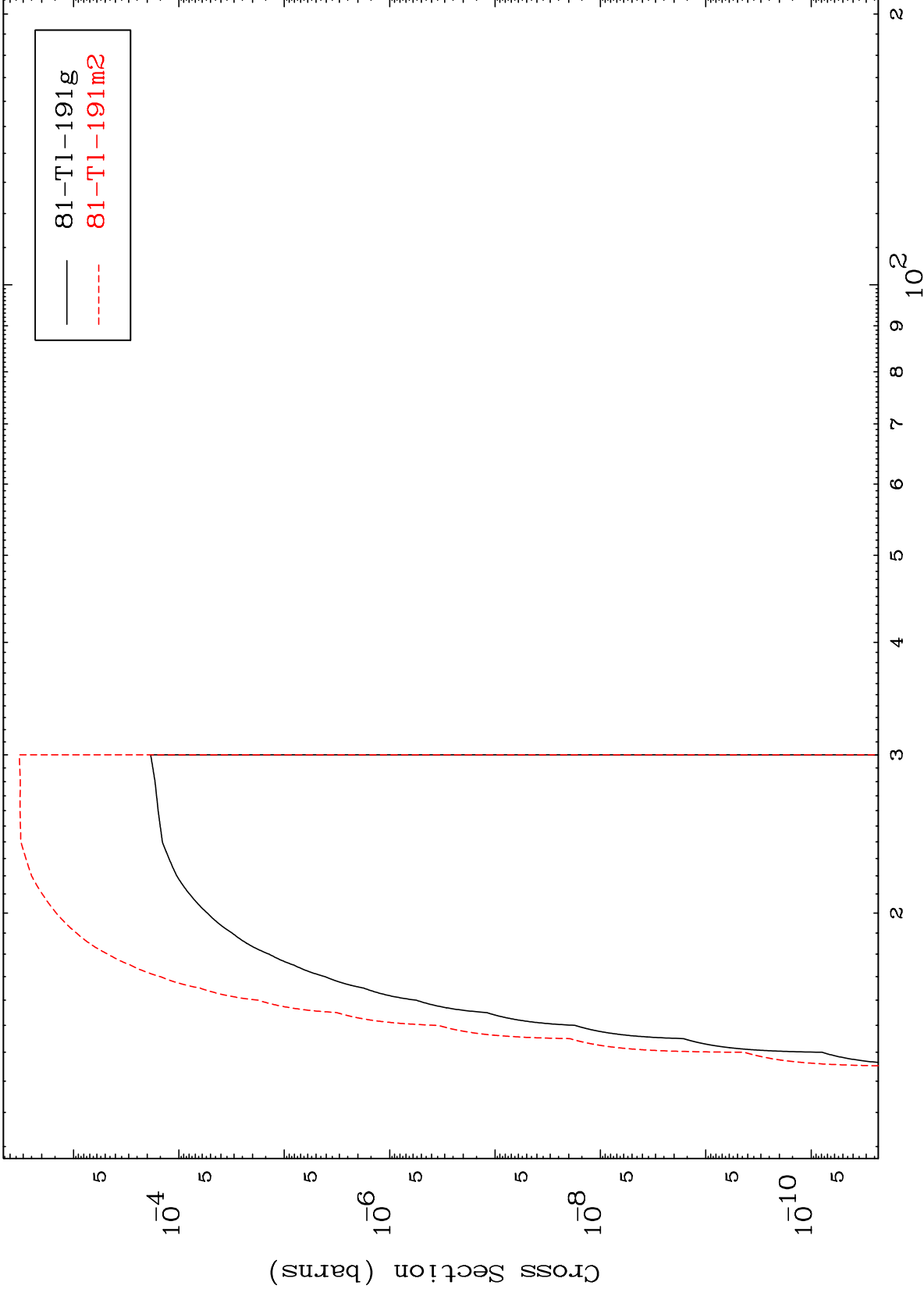


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(n,n') p

82-Pb-193m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

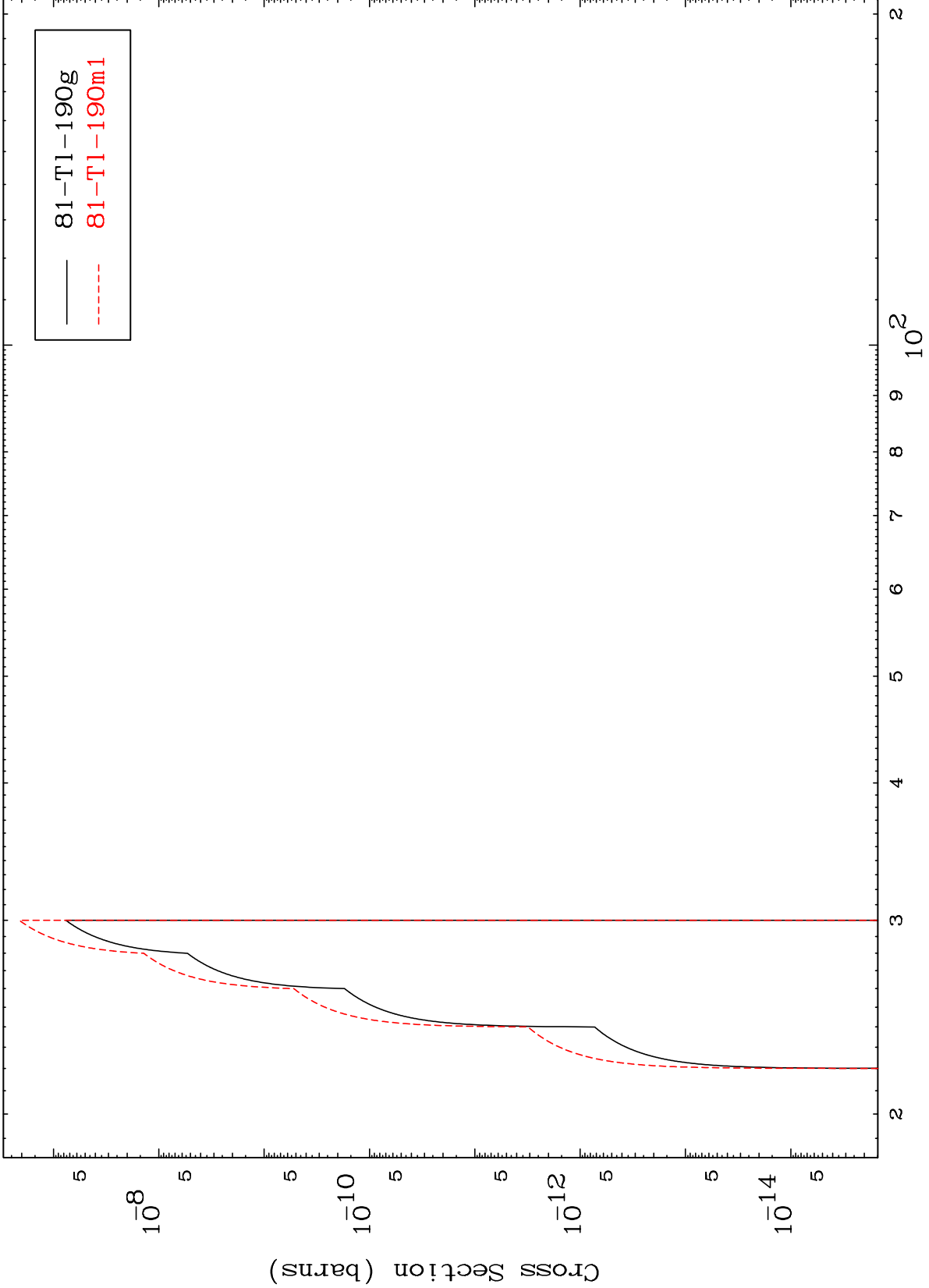
82-Pb-193m

MAT 8193

(n,n') d

82-Pb-193m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

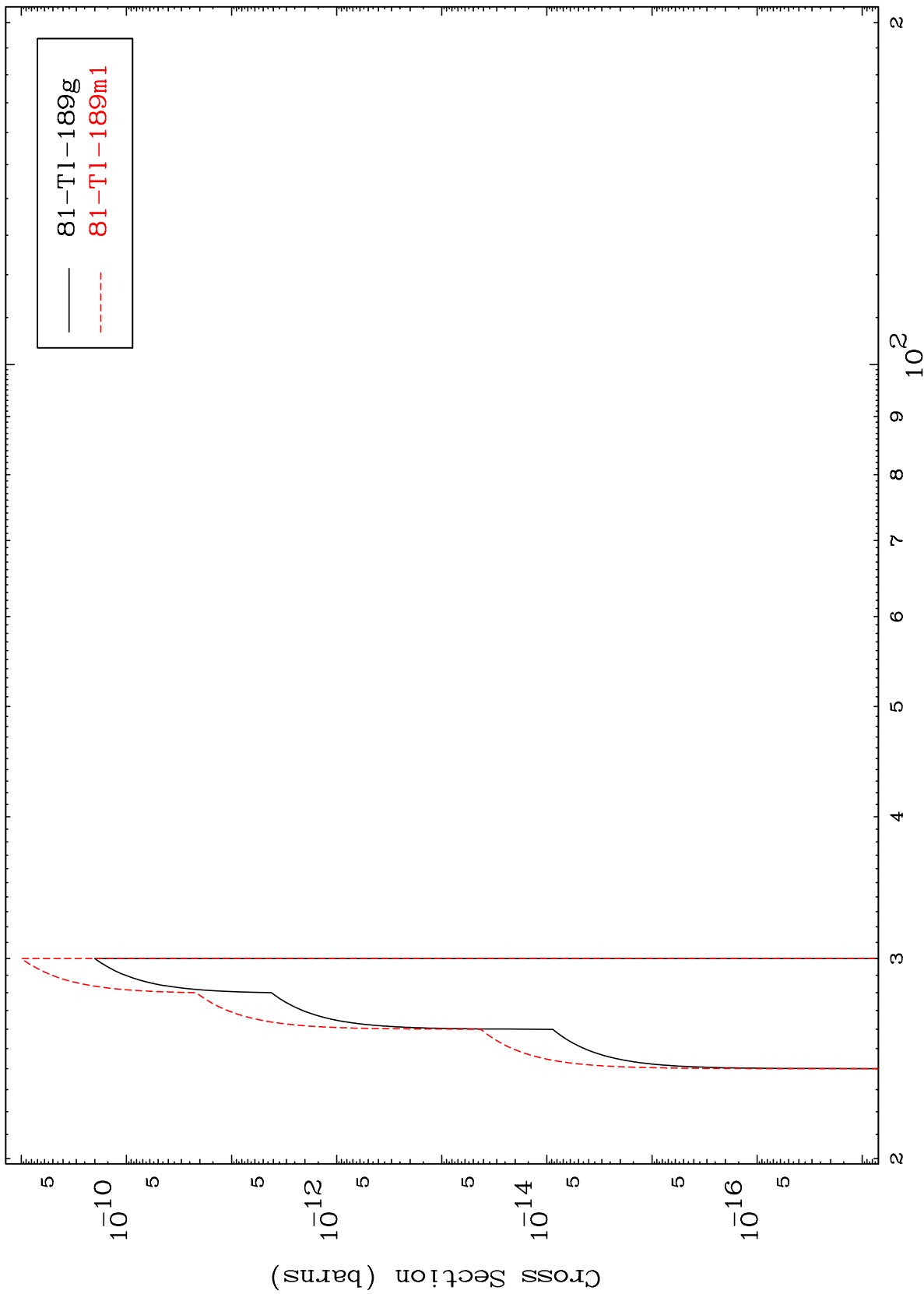
82-Pb-193m

MAT 8193

(n,n') t

82-Pb-193m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

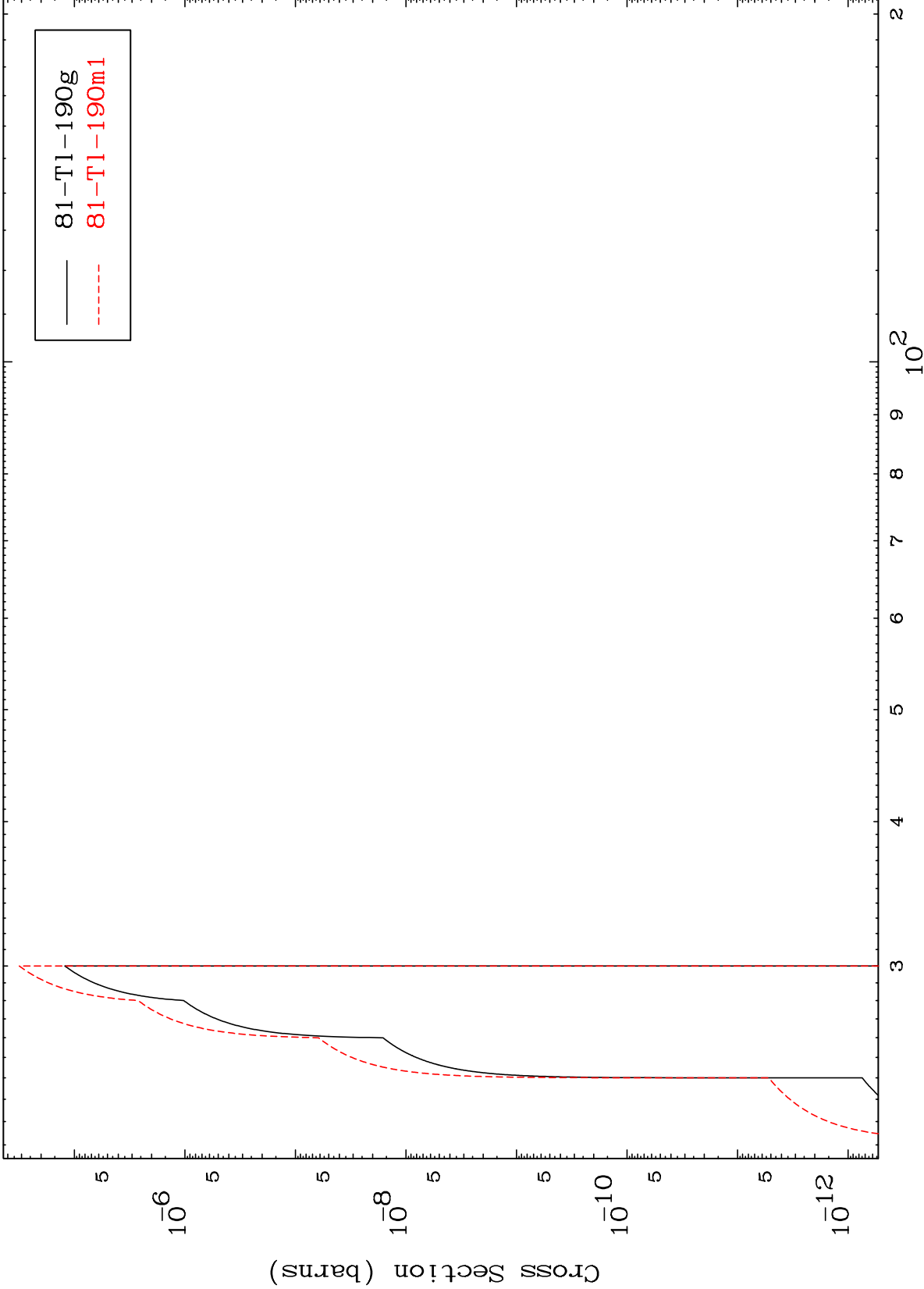
82-Pb-193m

MAT 8193

(n,2n) p

82-Pb-193m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

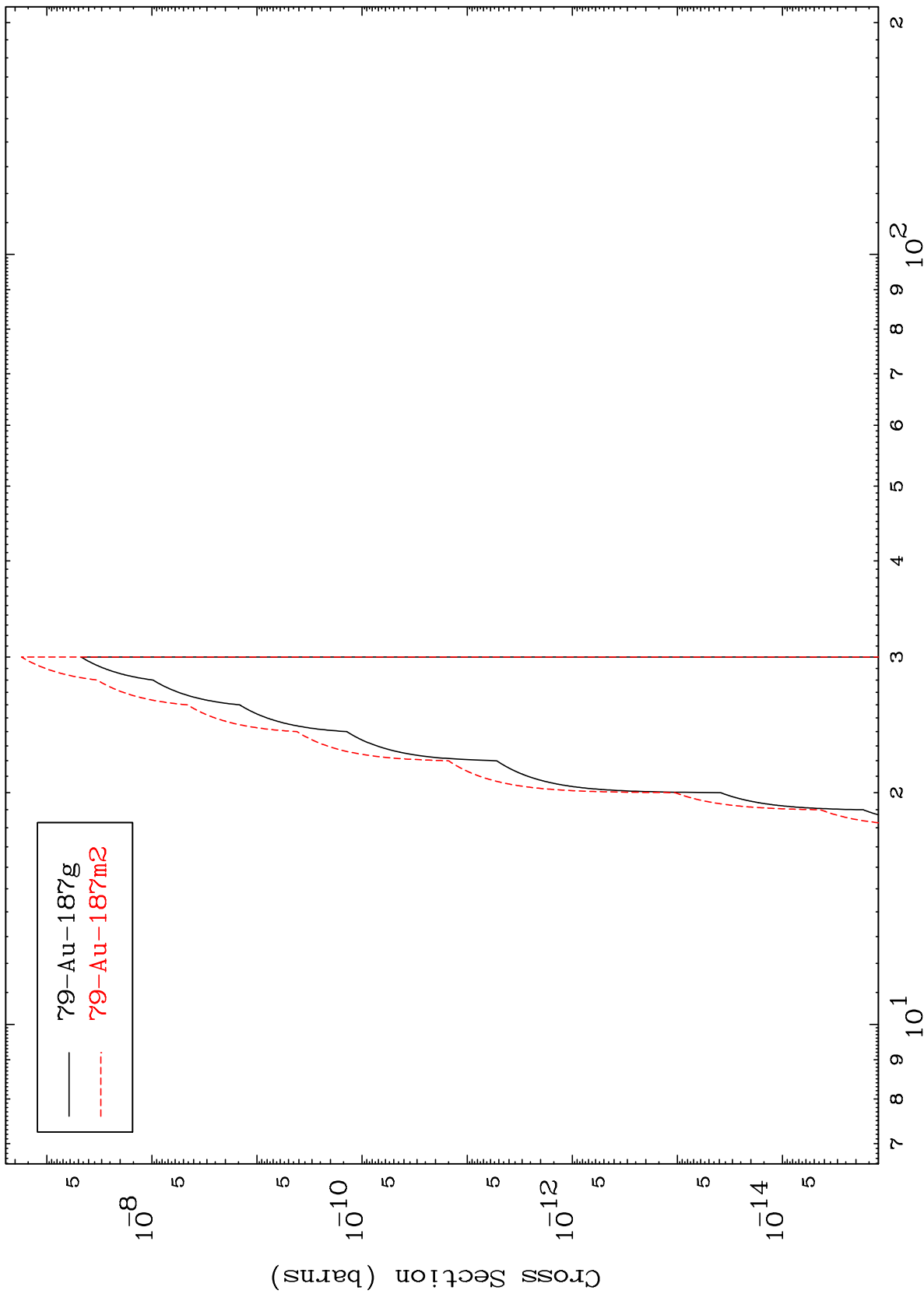
82-Pb-193m

MAT 8193

(n,n') p α

82-Pb-193m

Radionuclide Production Cross Section



19

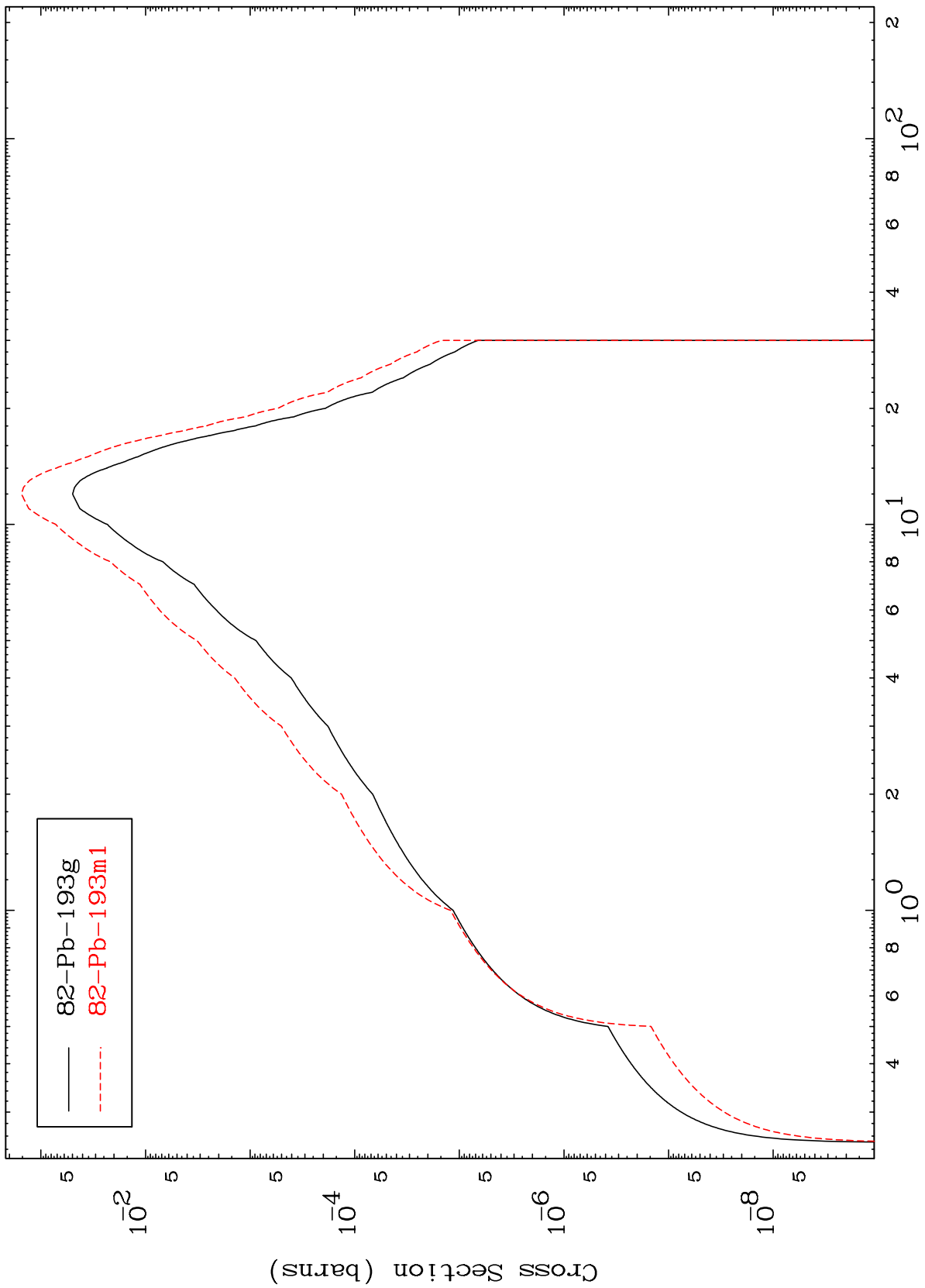
Incident Energy (MeV)

82-Pb-193m

MAT 8193

$^{82}\text{Pb-193m}$

Radionuclide Production Cross Section
(n, γ)



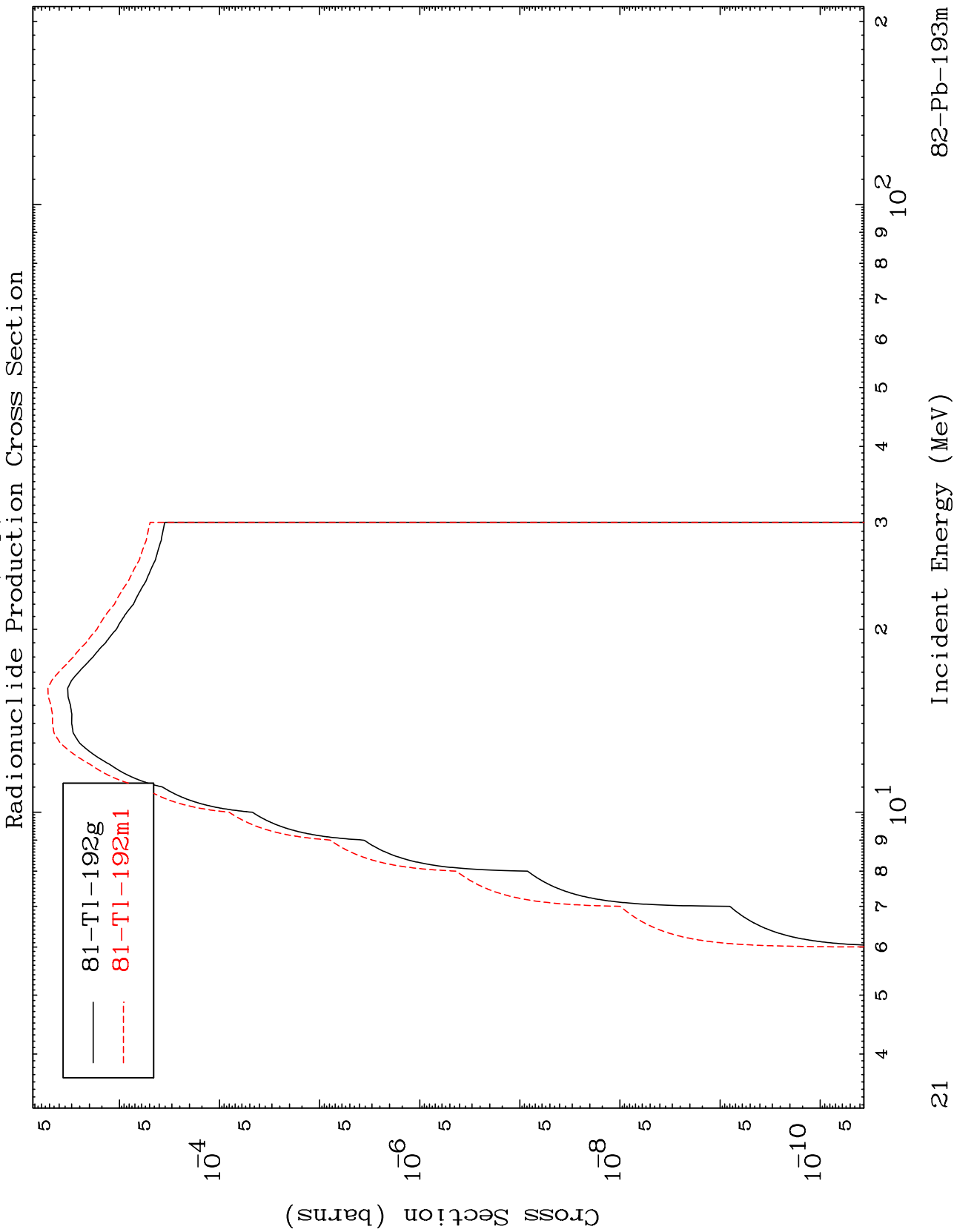
Incident Energy (MeV)

$^{82}\text{Pb-193m}$

20

MAT 8193

⁸²Pb-193m



Incident Energy (MeV)

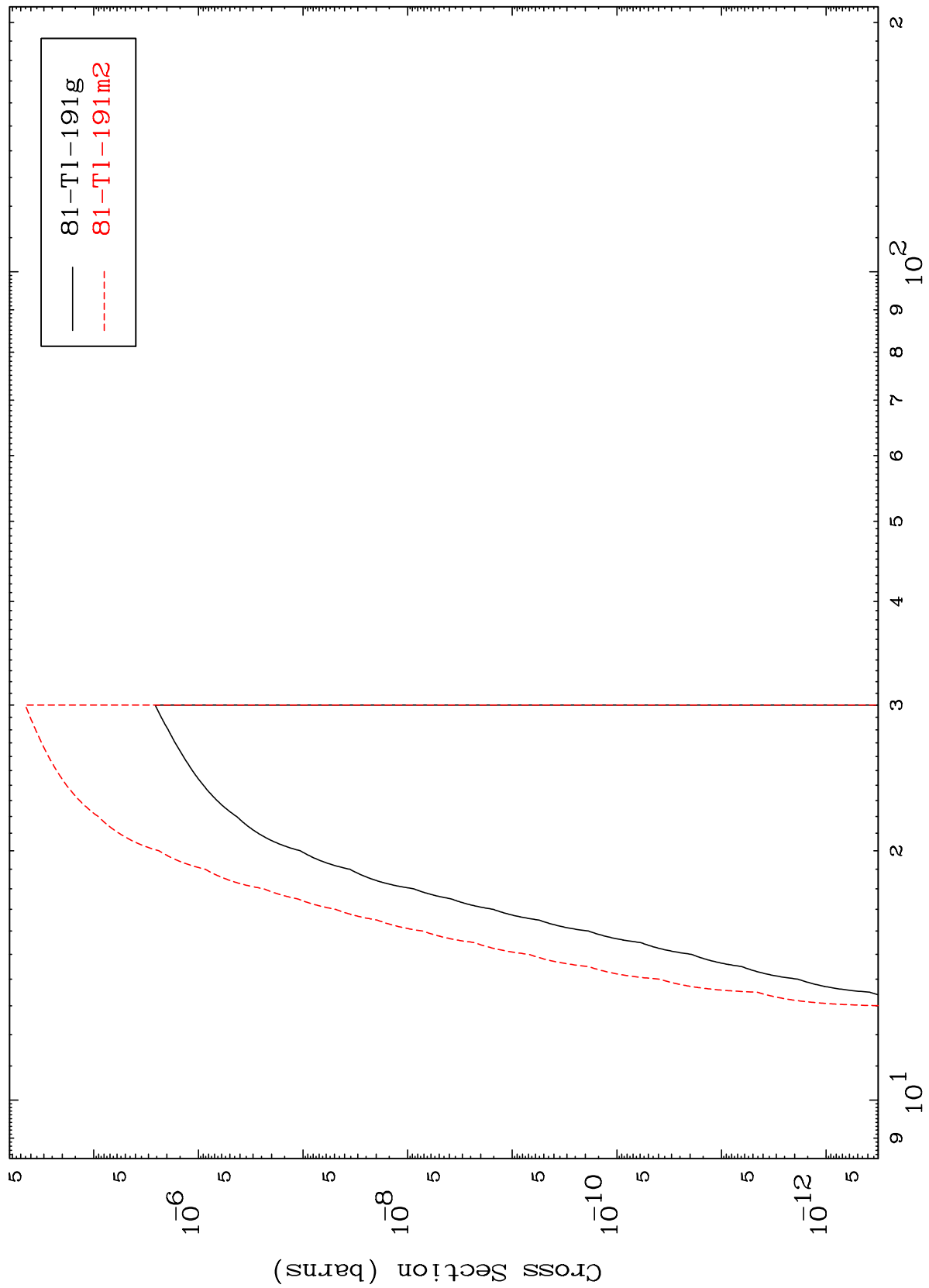
⁸²Pb-193m

21

MAT 8193

82-Pb-193m

(n,d)
Radionuclide Production Cross Section



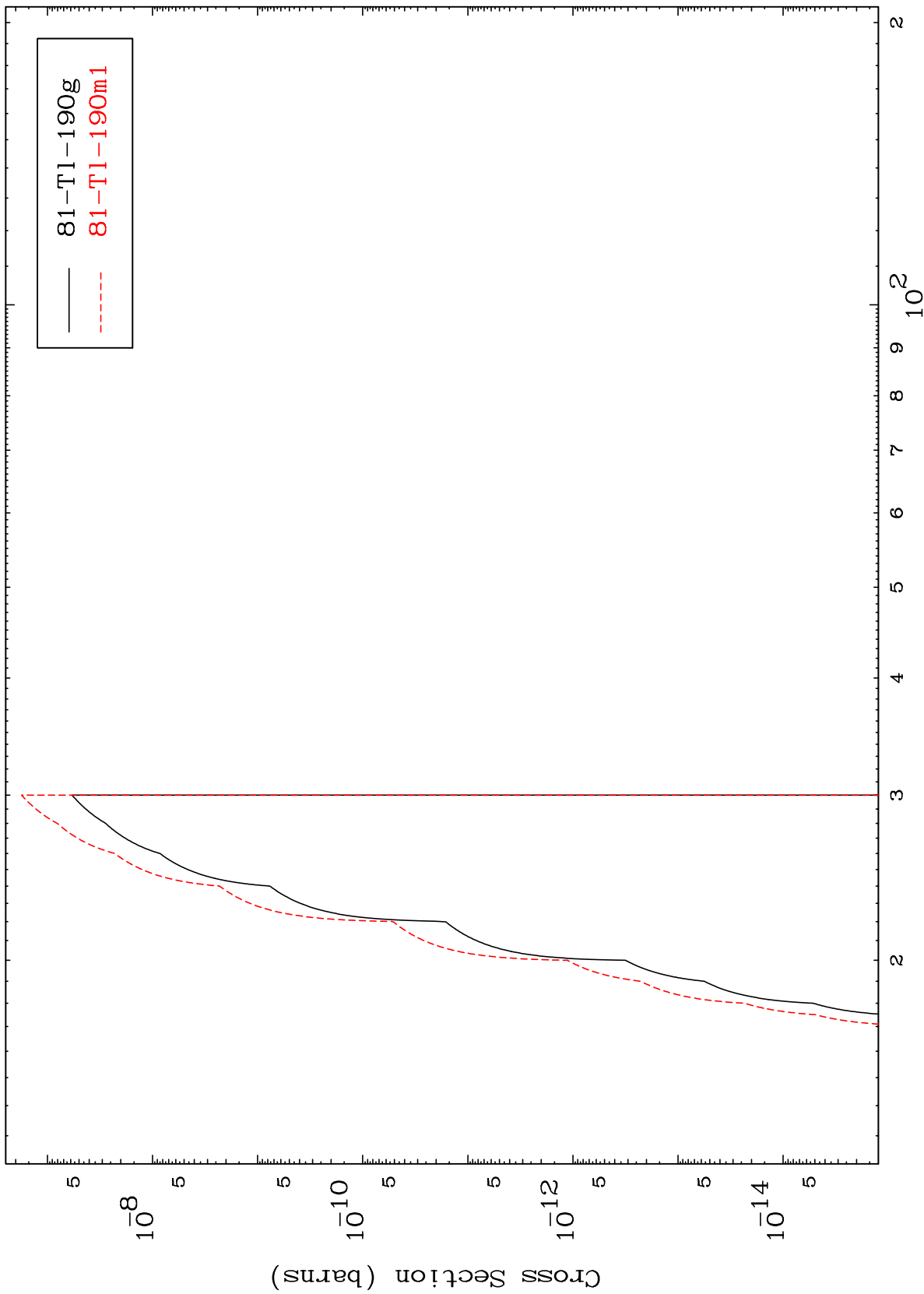
81-Tl-191g
81-Tl-191m2

22

Incident Energy (MeV)

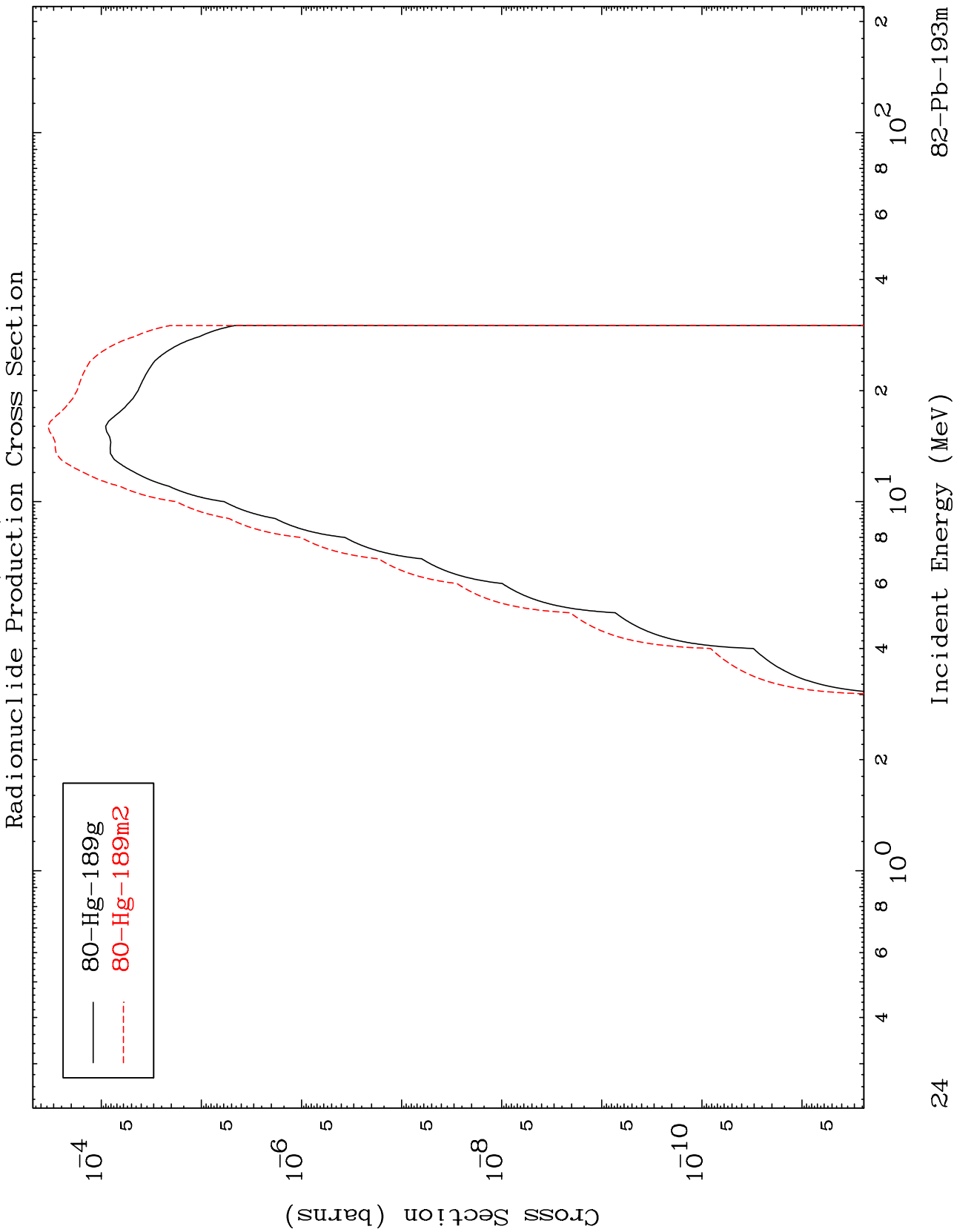
82-Pb-193m

(n, t)
Radionuclide Production Cross Section



MAT 8193

82-Pb-193m

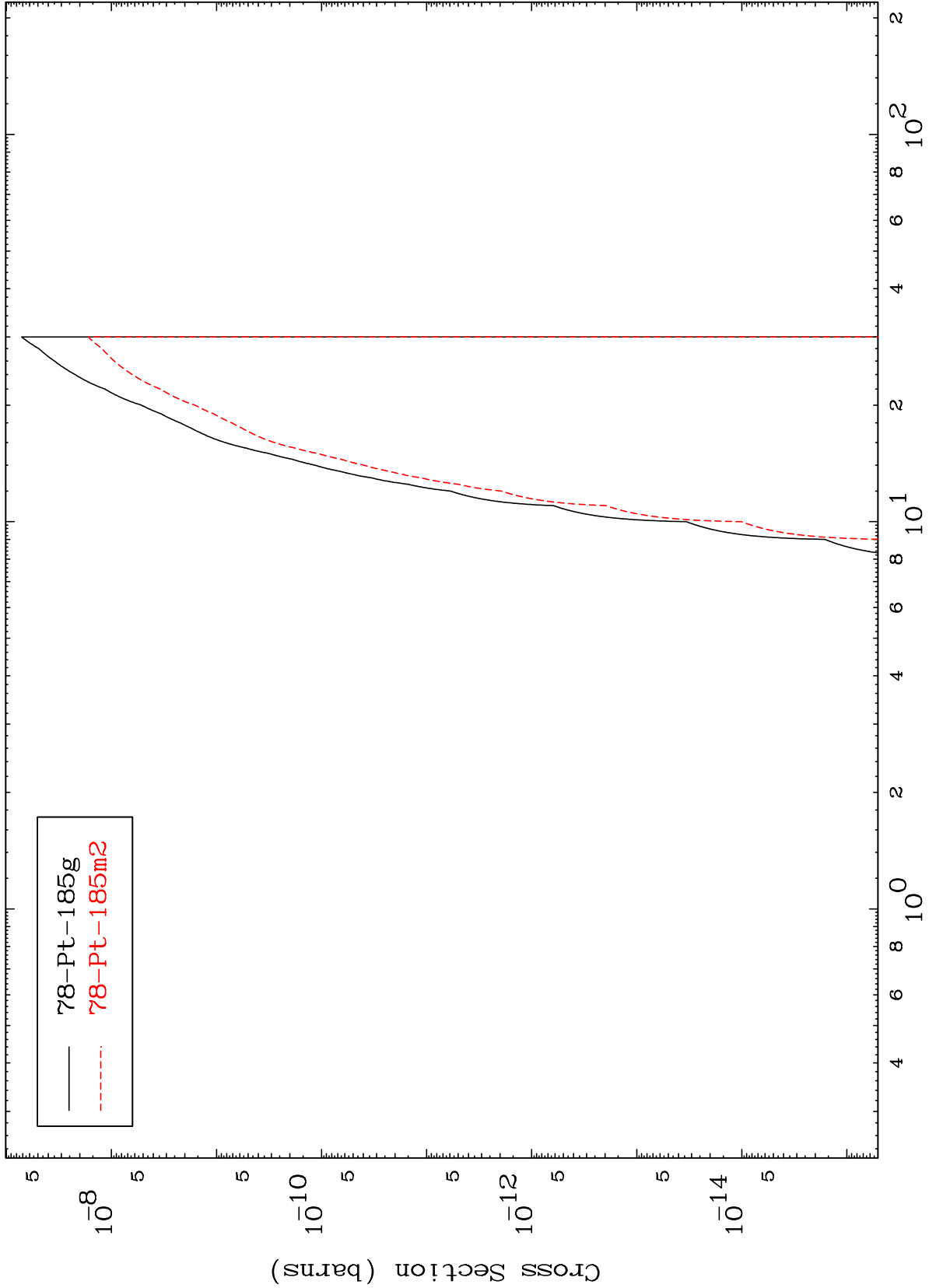


MAT 8193

(n,2α)

82-Pb-193m

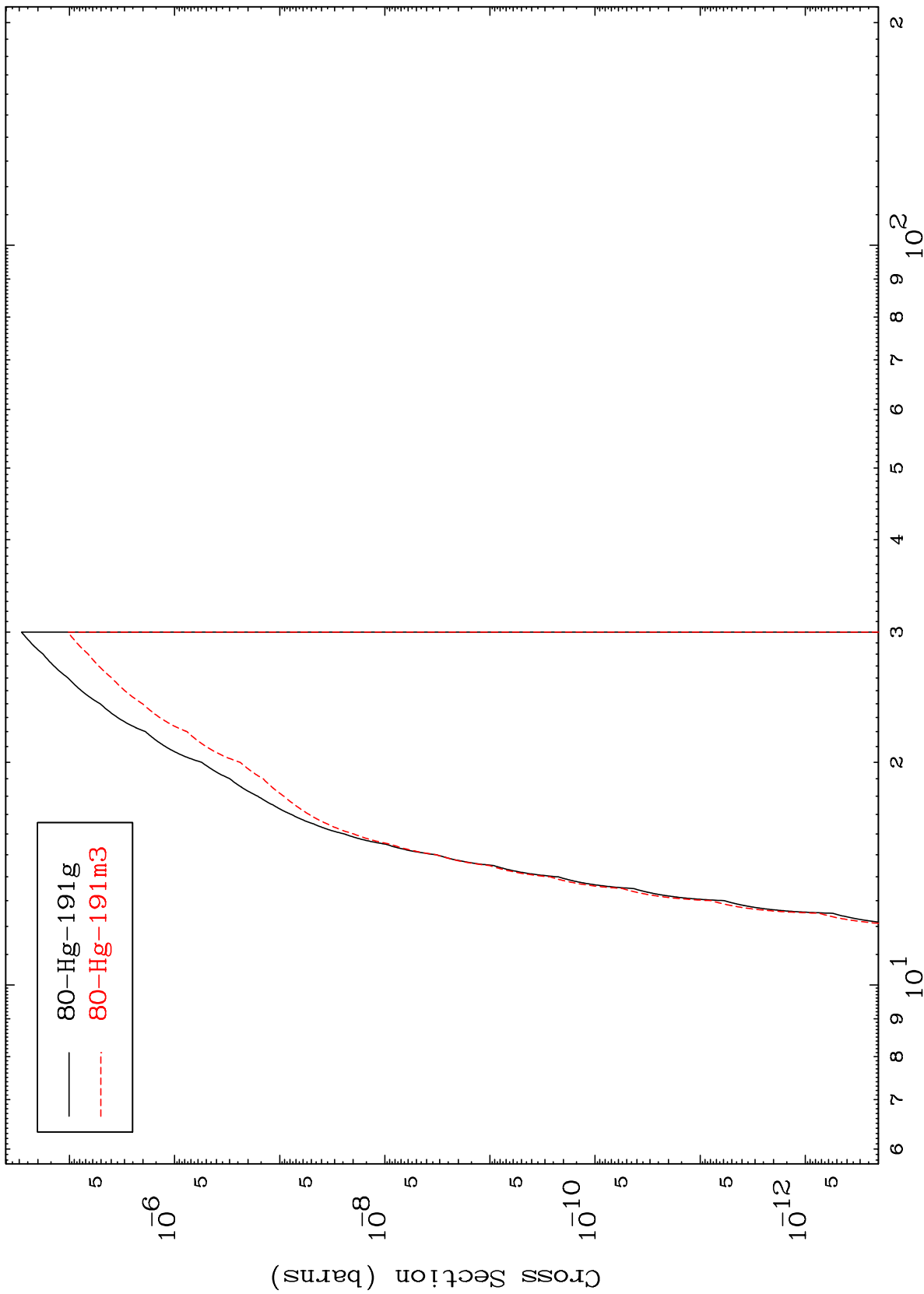
Radionuclide Production Cross Section



MAT 8193

82-Pb-193m

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-193m

26