

Program EVALPLOT
(Version 2017-1)

by

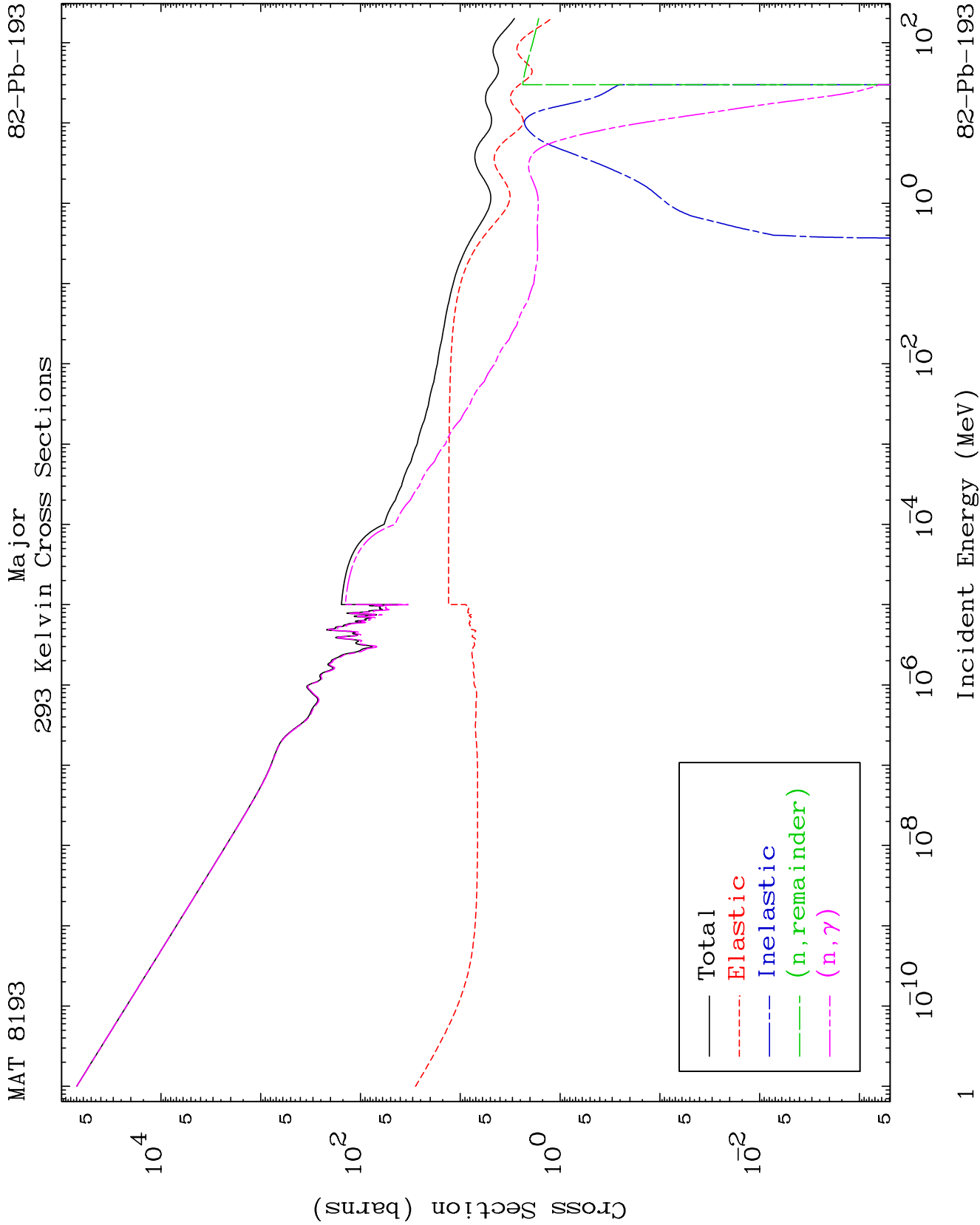
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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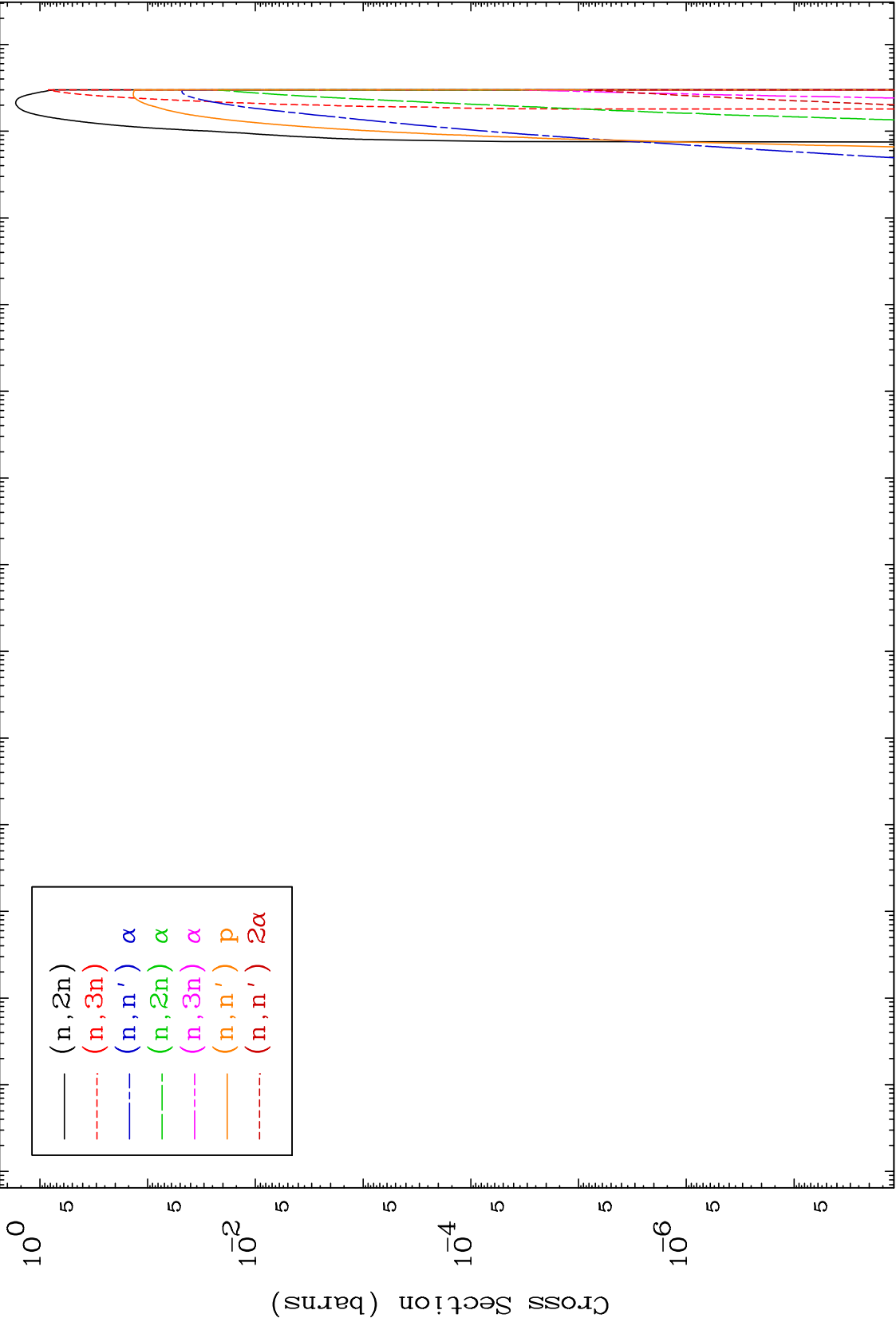
Press Mouse Button to Start



MAT 8193

Neutron Production
293 Kelvin Cross Sections

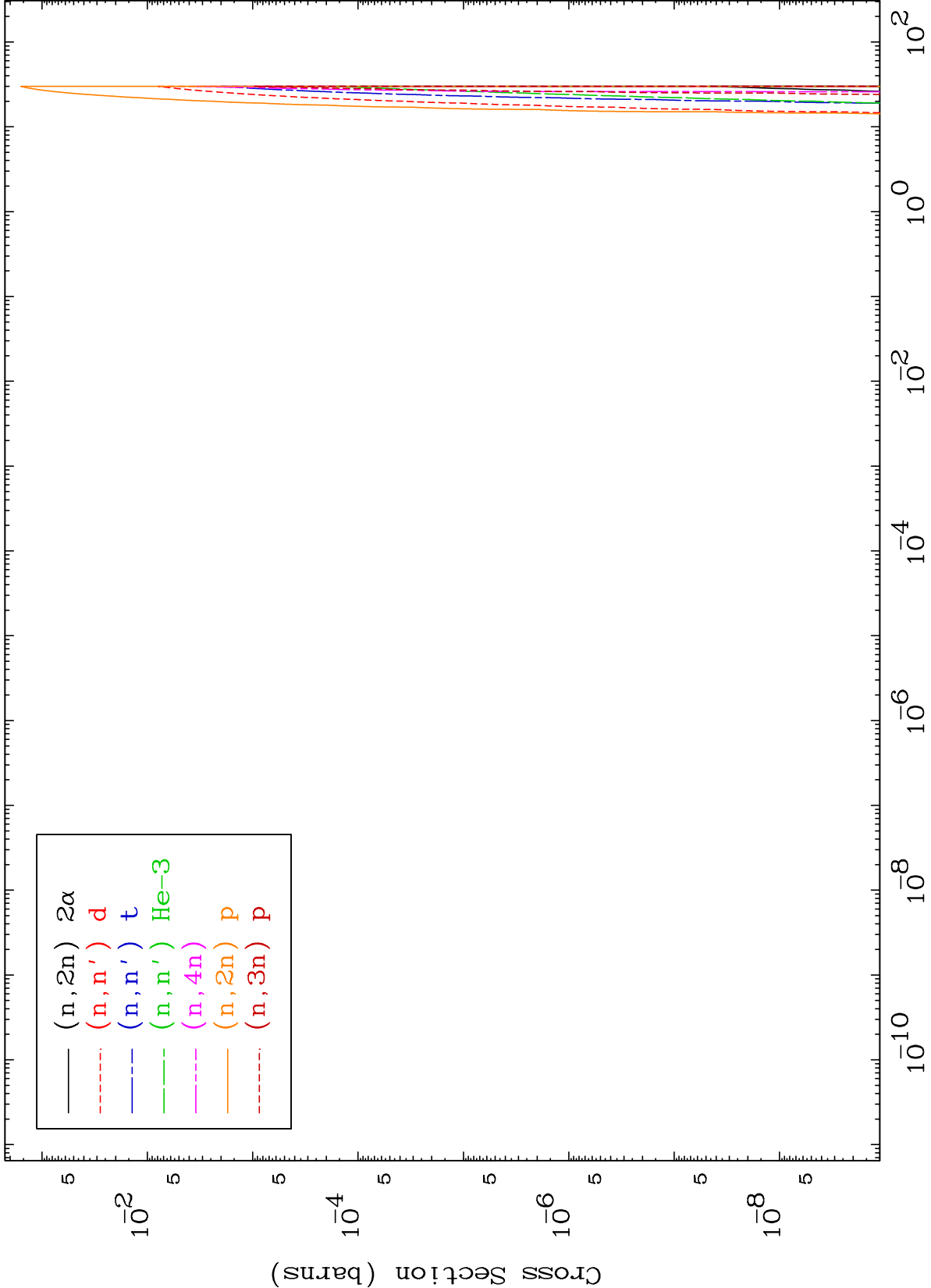
82-Pb-193

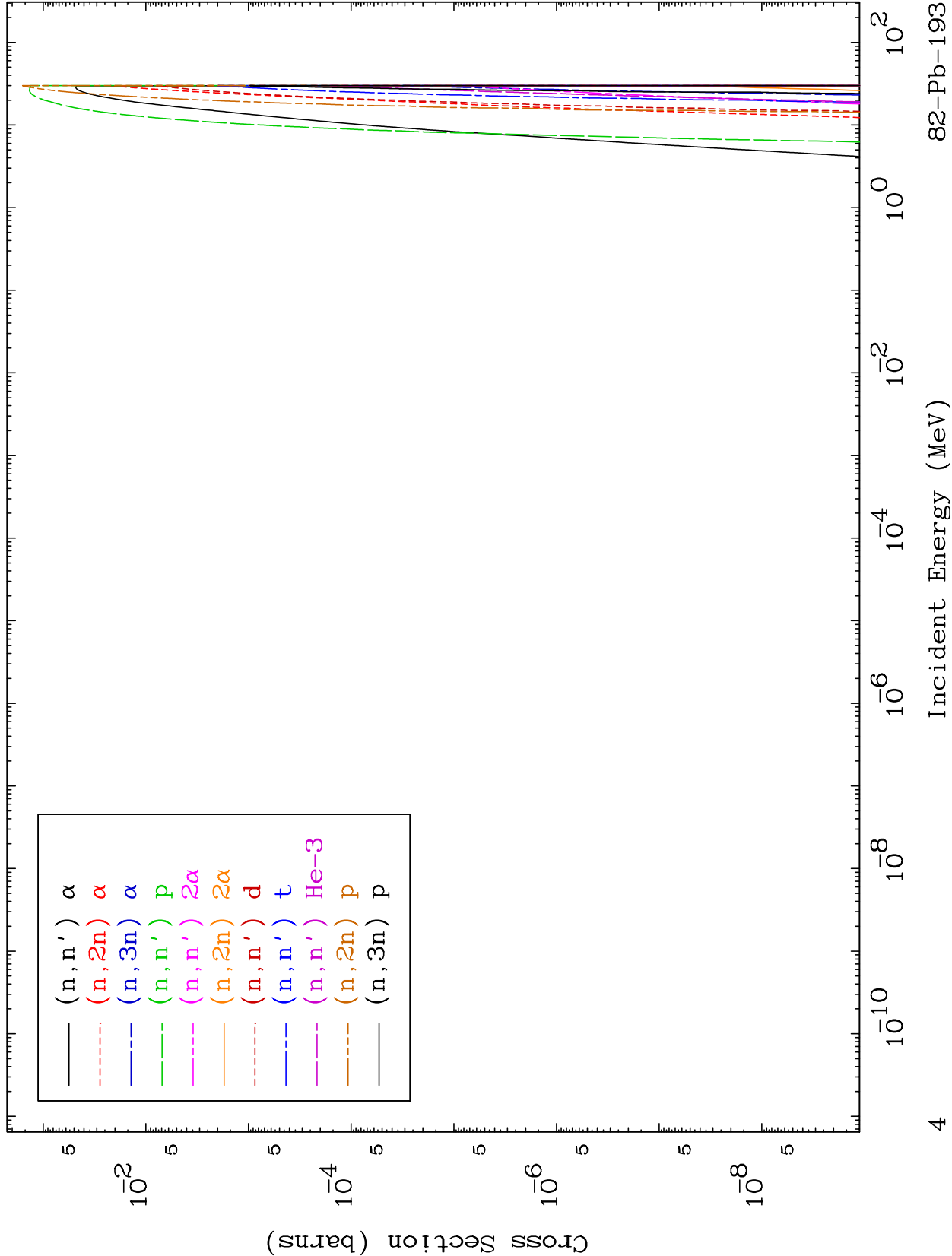


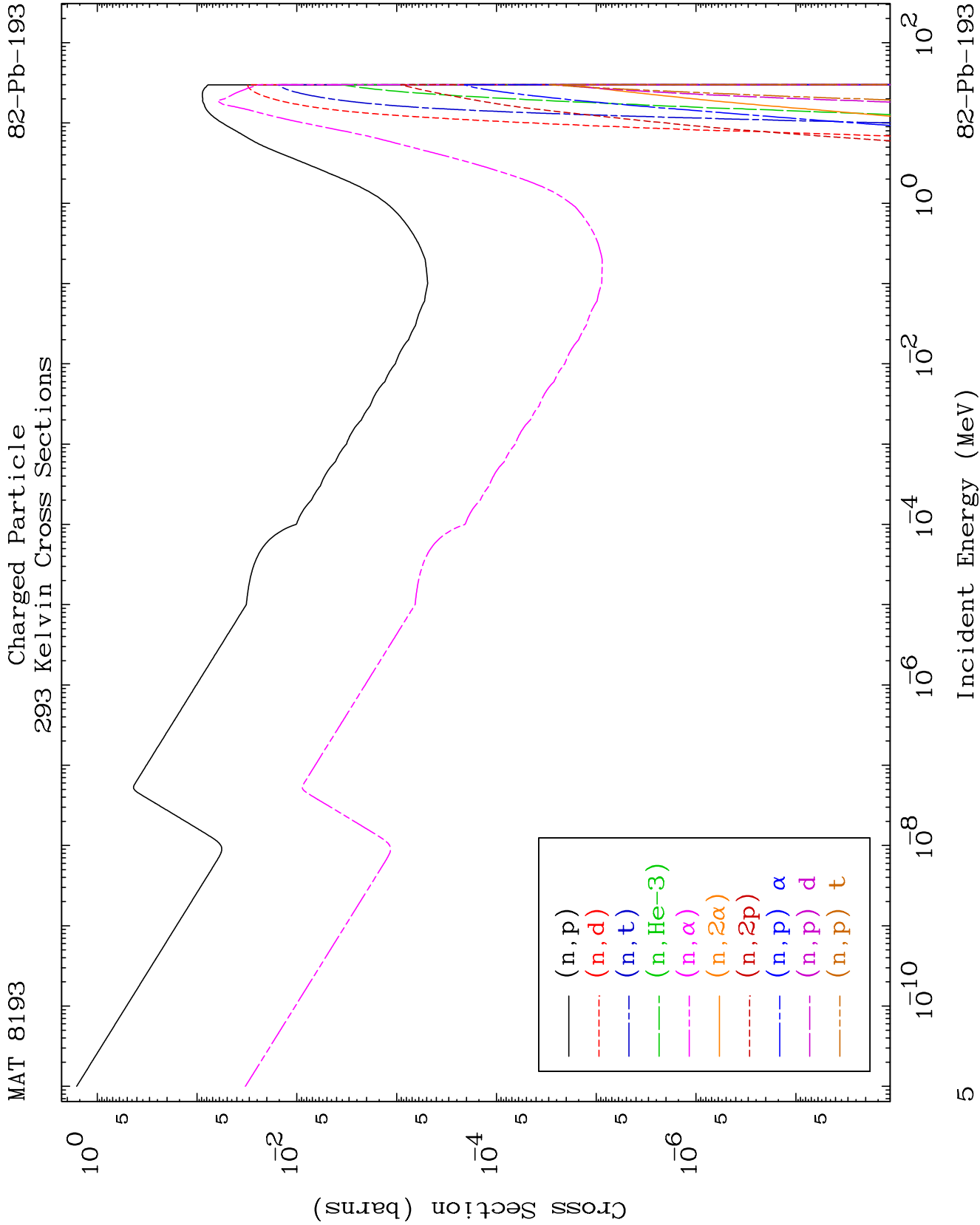
MAT 8193

Neutron Production
293 Kelvin Cross Sections

82-Pb-193



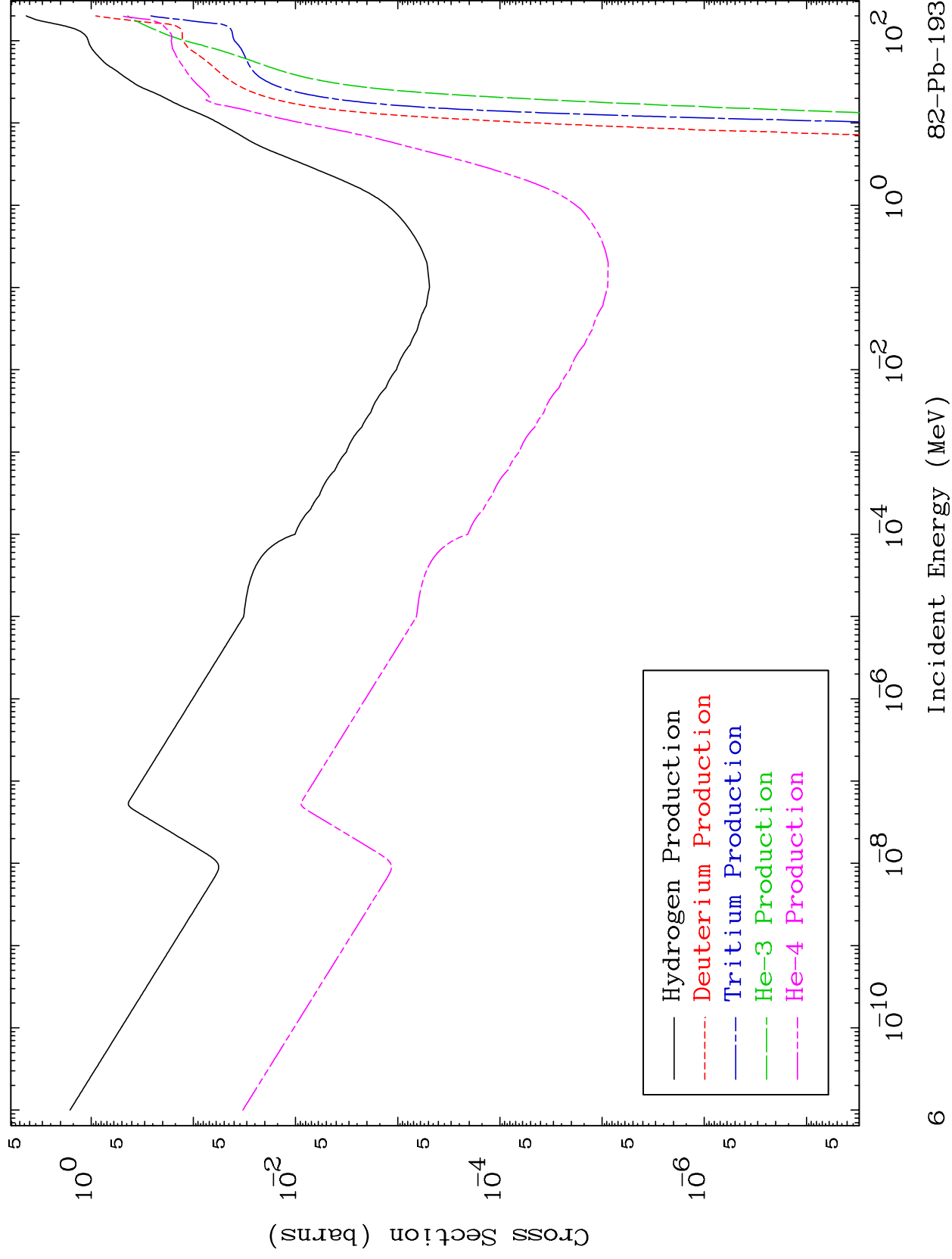




MAT 8193

Particle Production
293 Kelvin Cross Sections

82-Pb-193

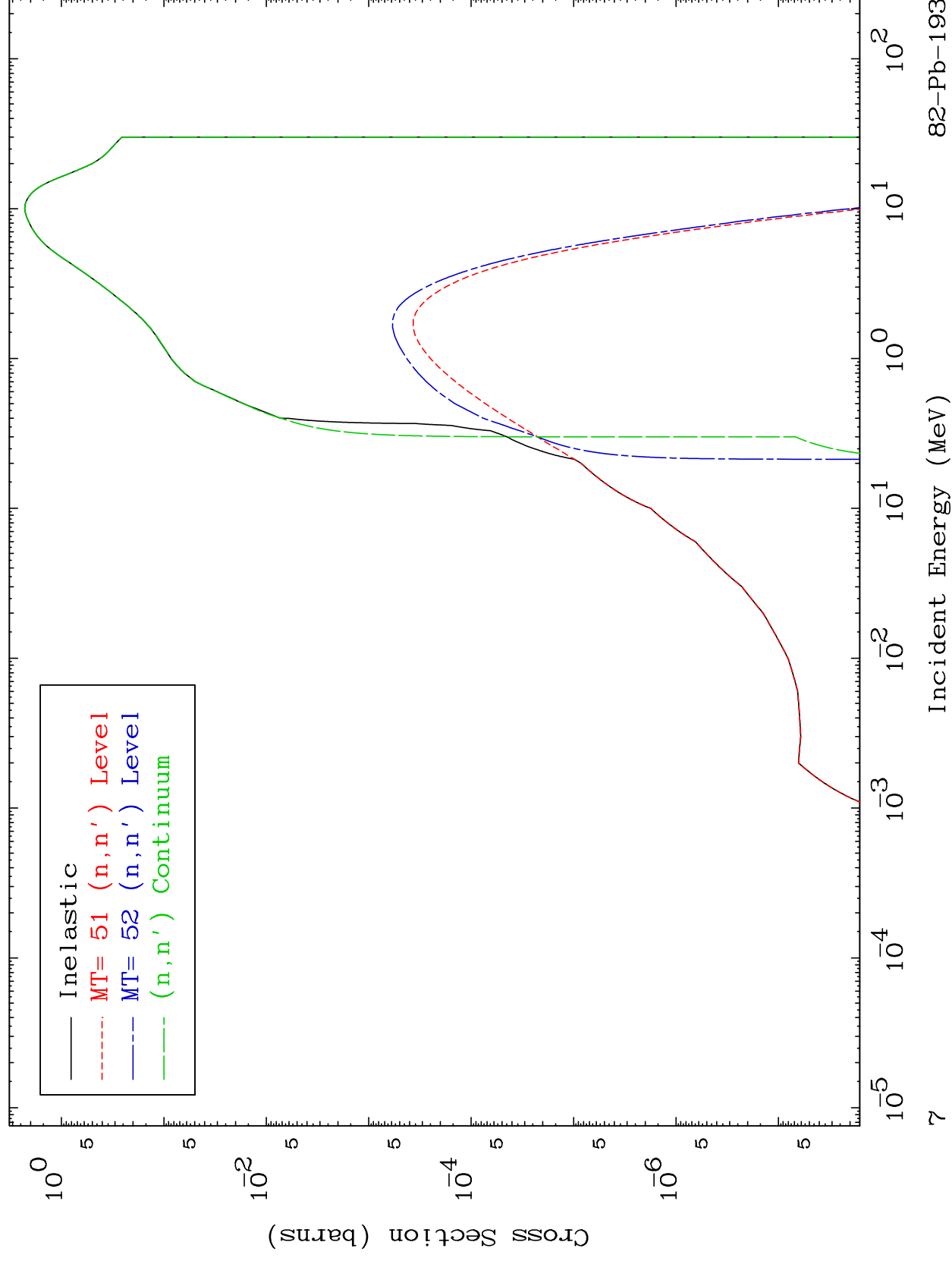


MAT 8193

(n,n') Level

82-Pb-193

293 Kelvin Cross Sections

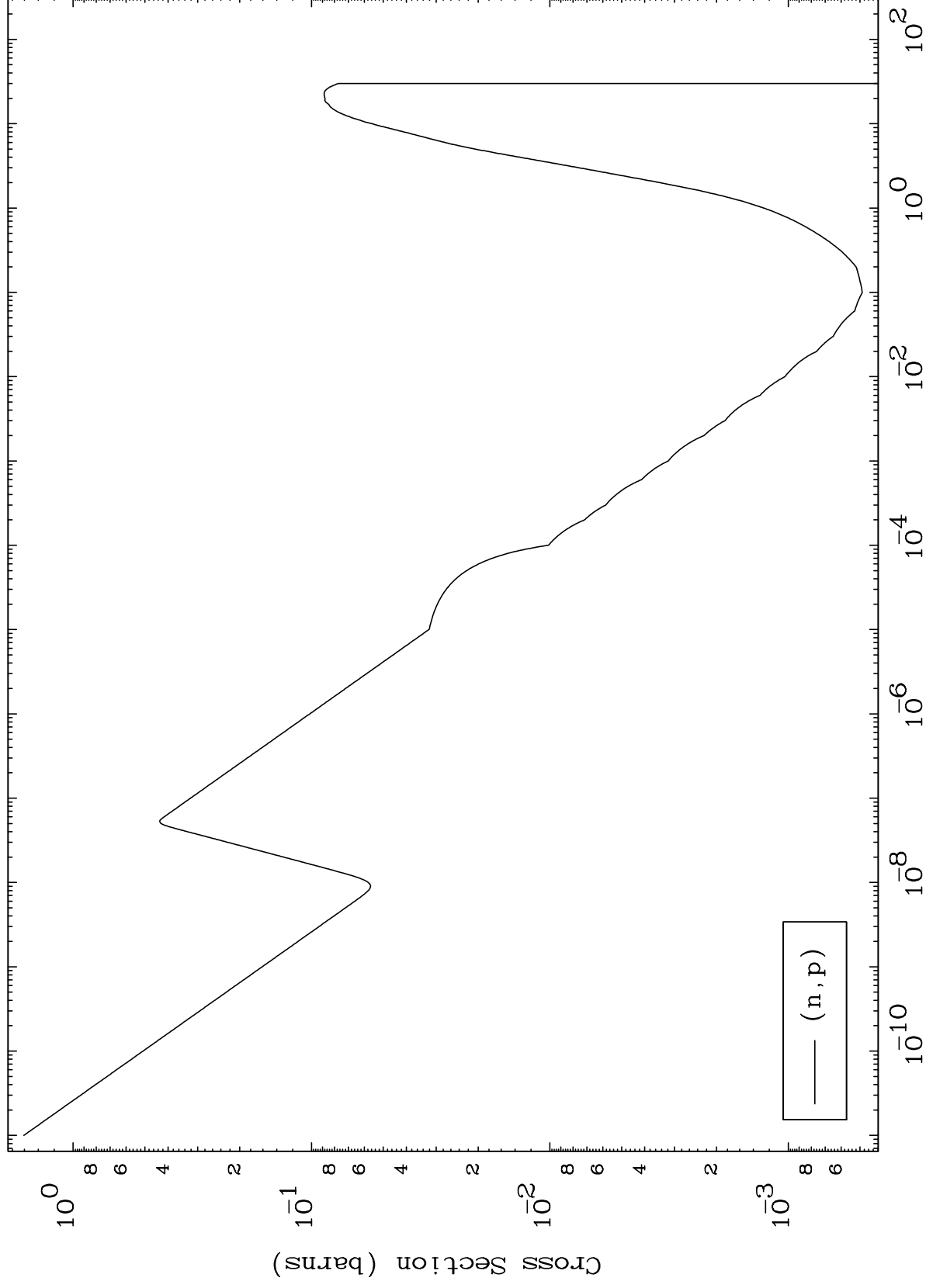


82-Pb-193

MAT 8193

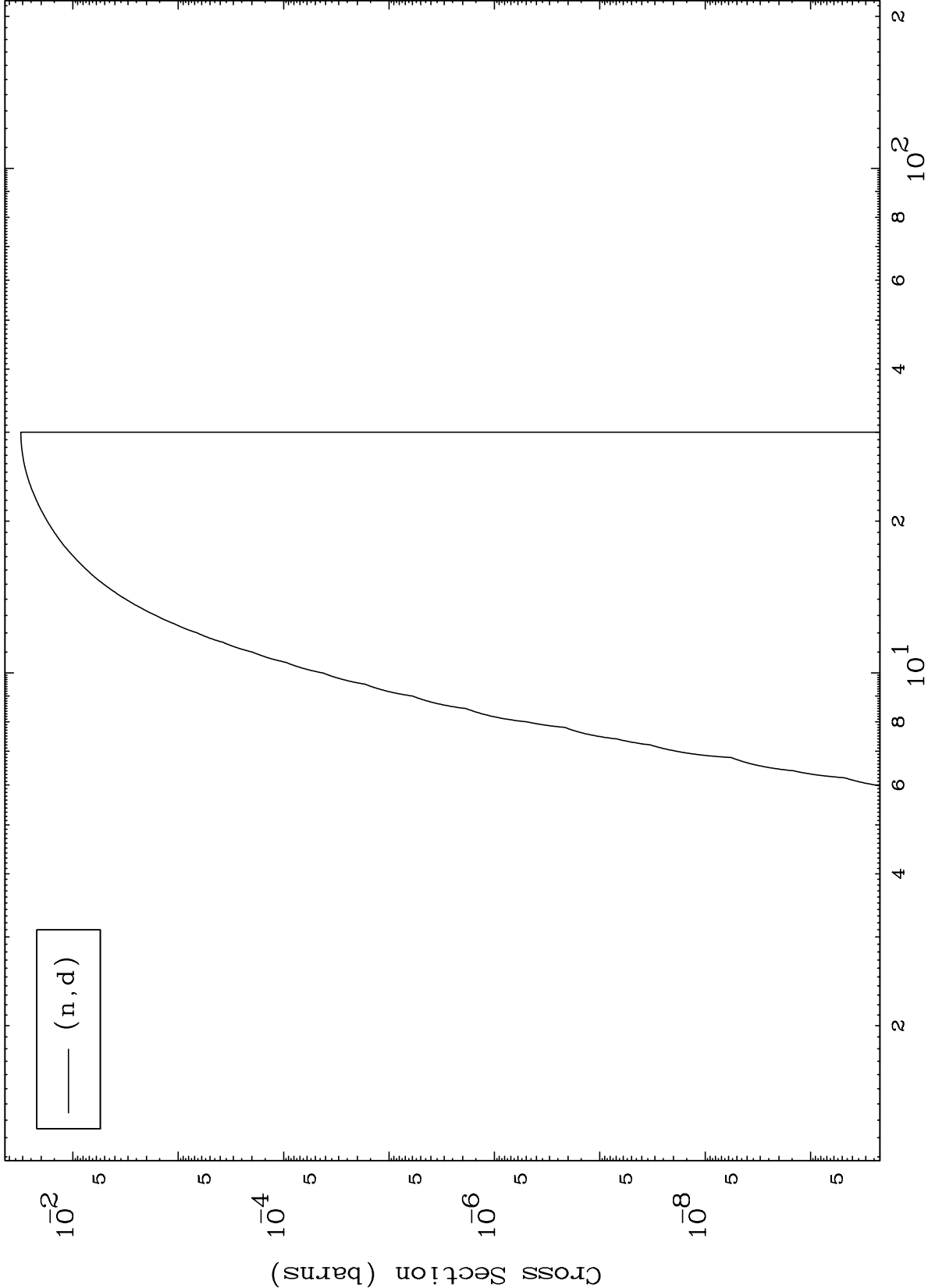
(n,p) Levels
293 Kelvin Cross Sections

82-Pb-193



8

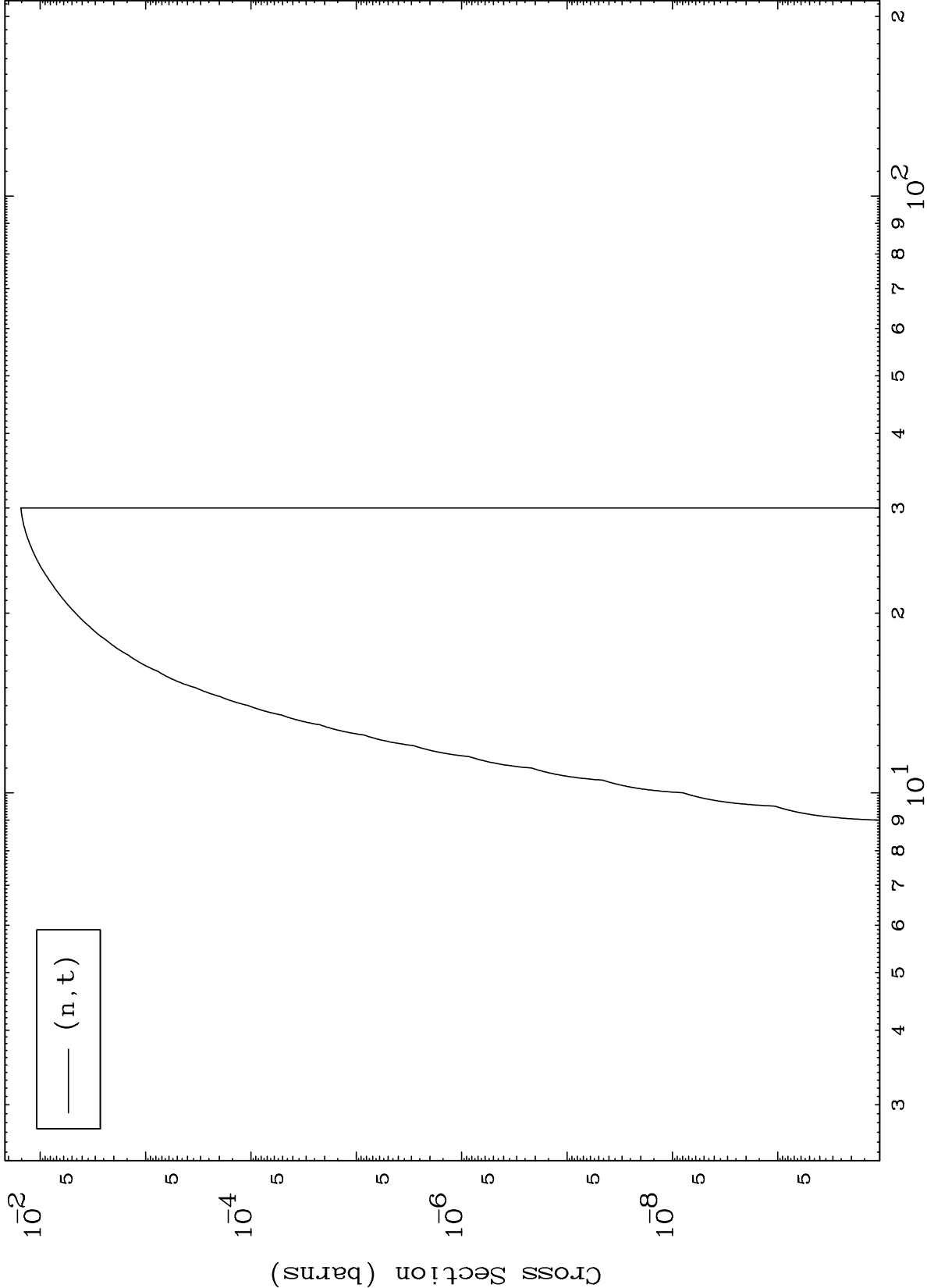
82-Pb-193



MAT 8193

(n,t) Levels
293 Kelvin Cross Sections

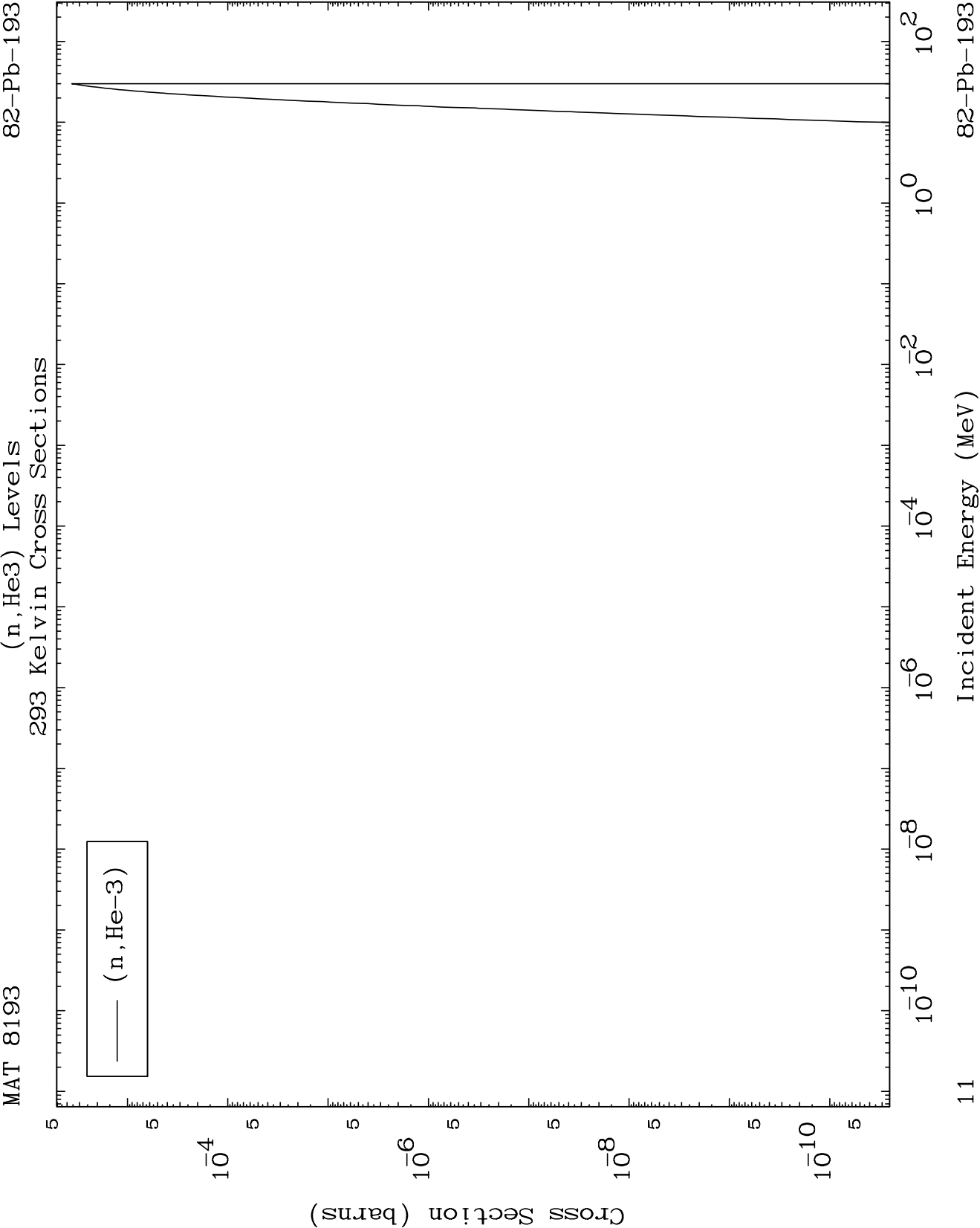
82-Pb-193



10

Incident Energy (MeV)

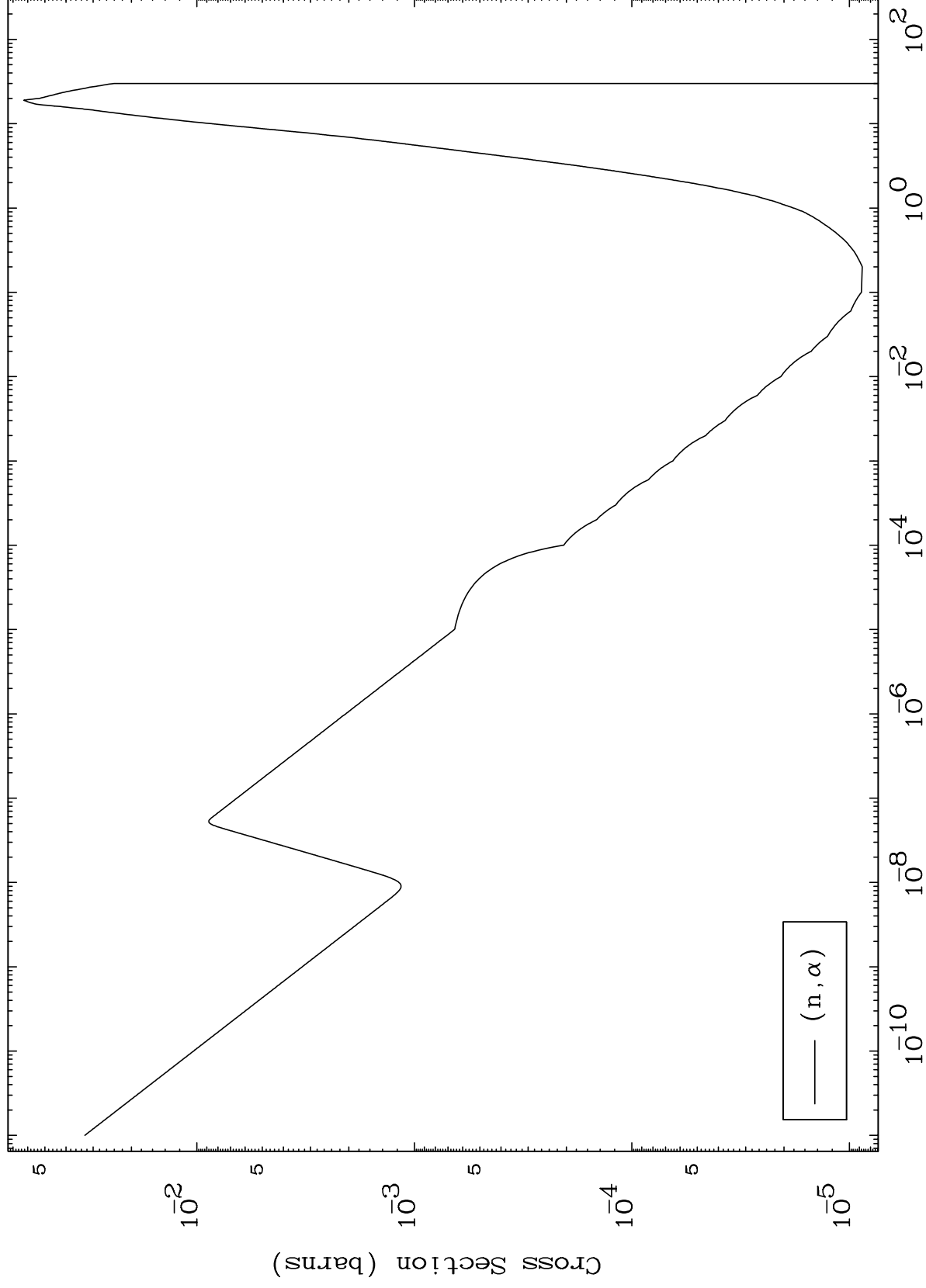
82-Pb-193



MAT 8193

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-193

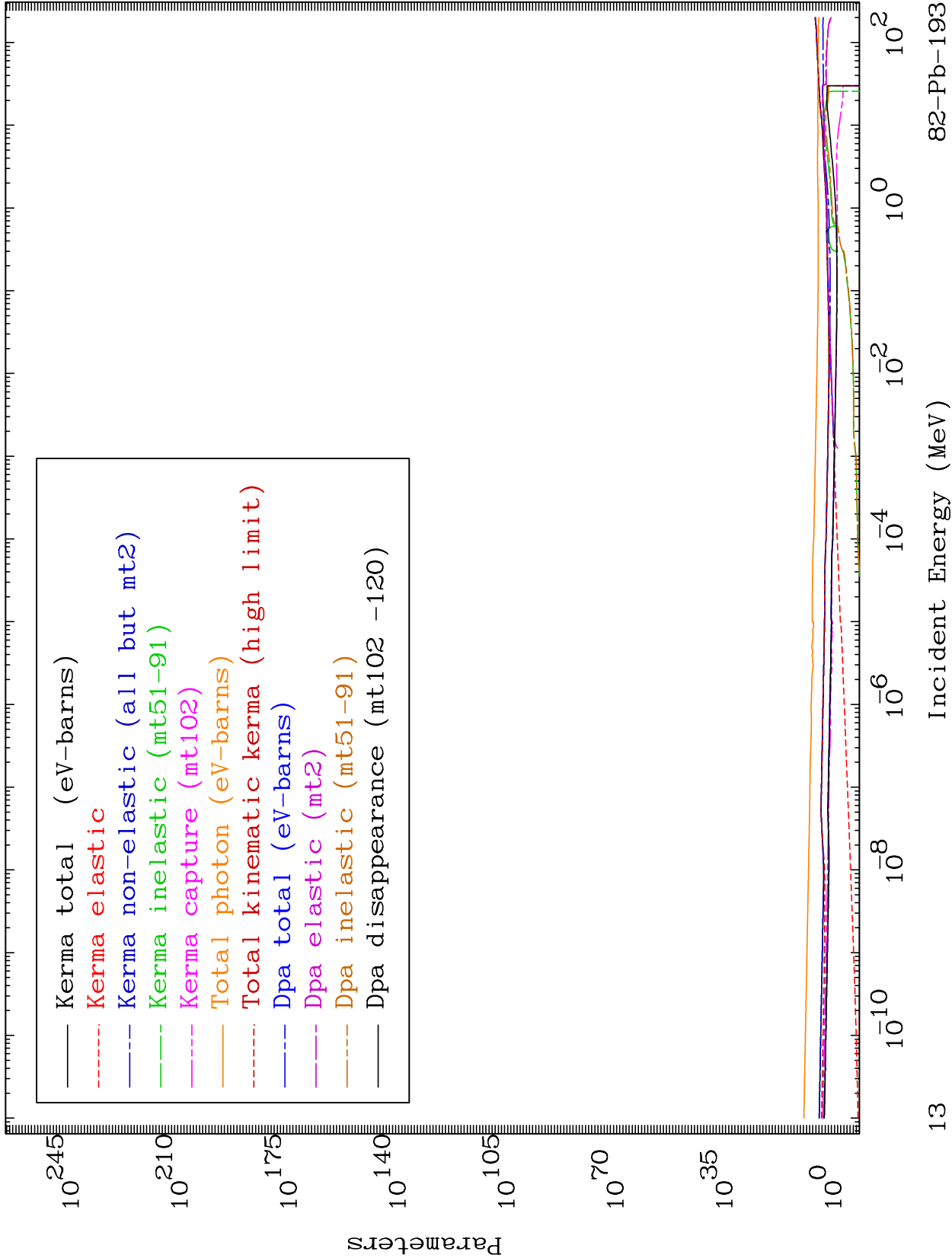


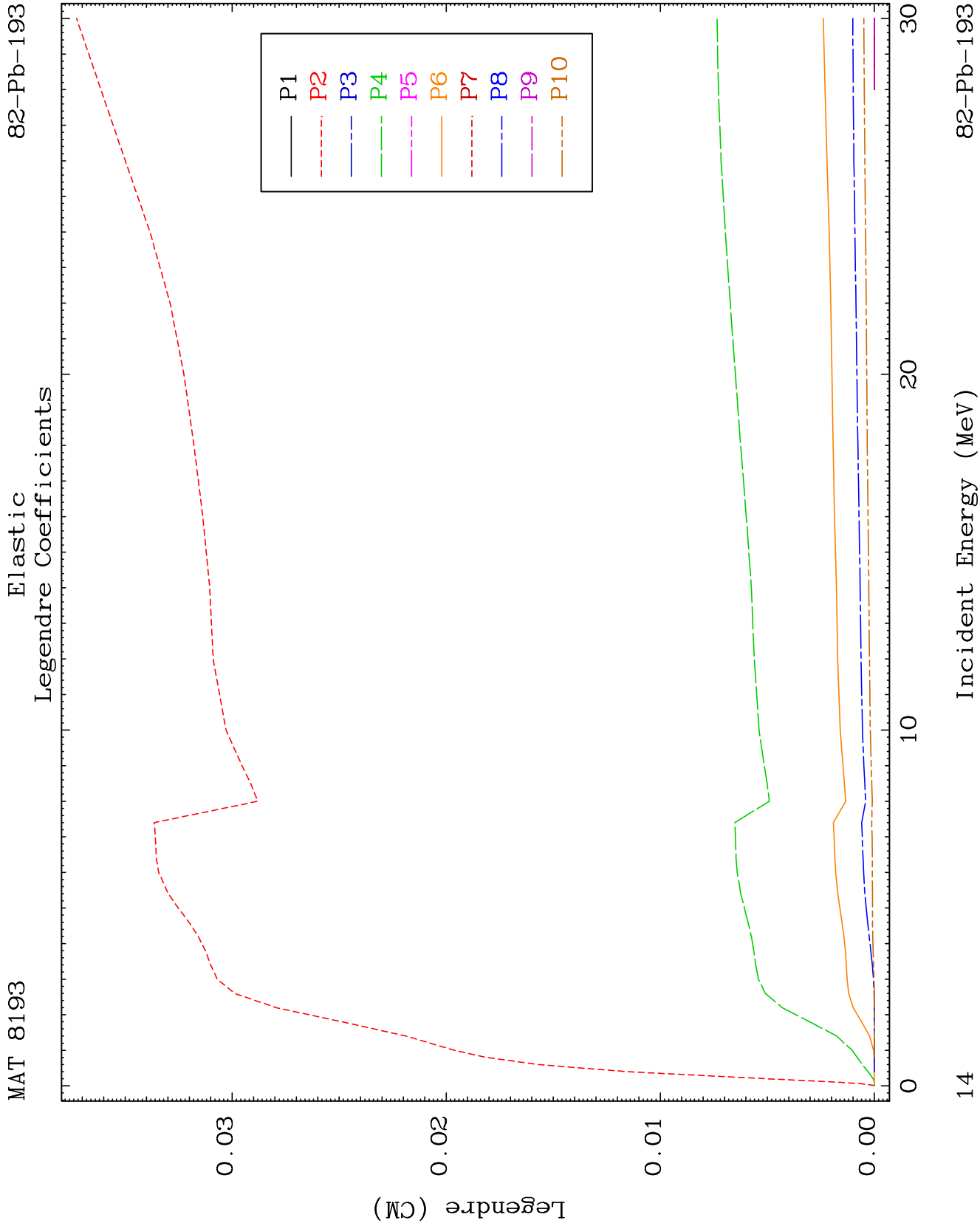
— (n, α)

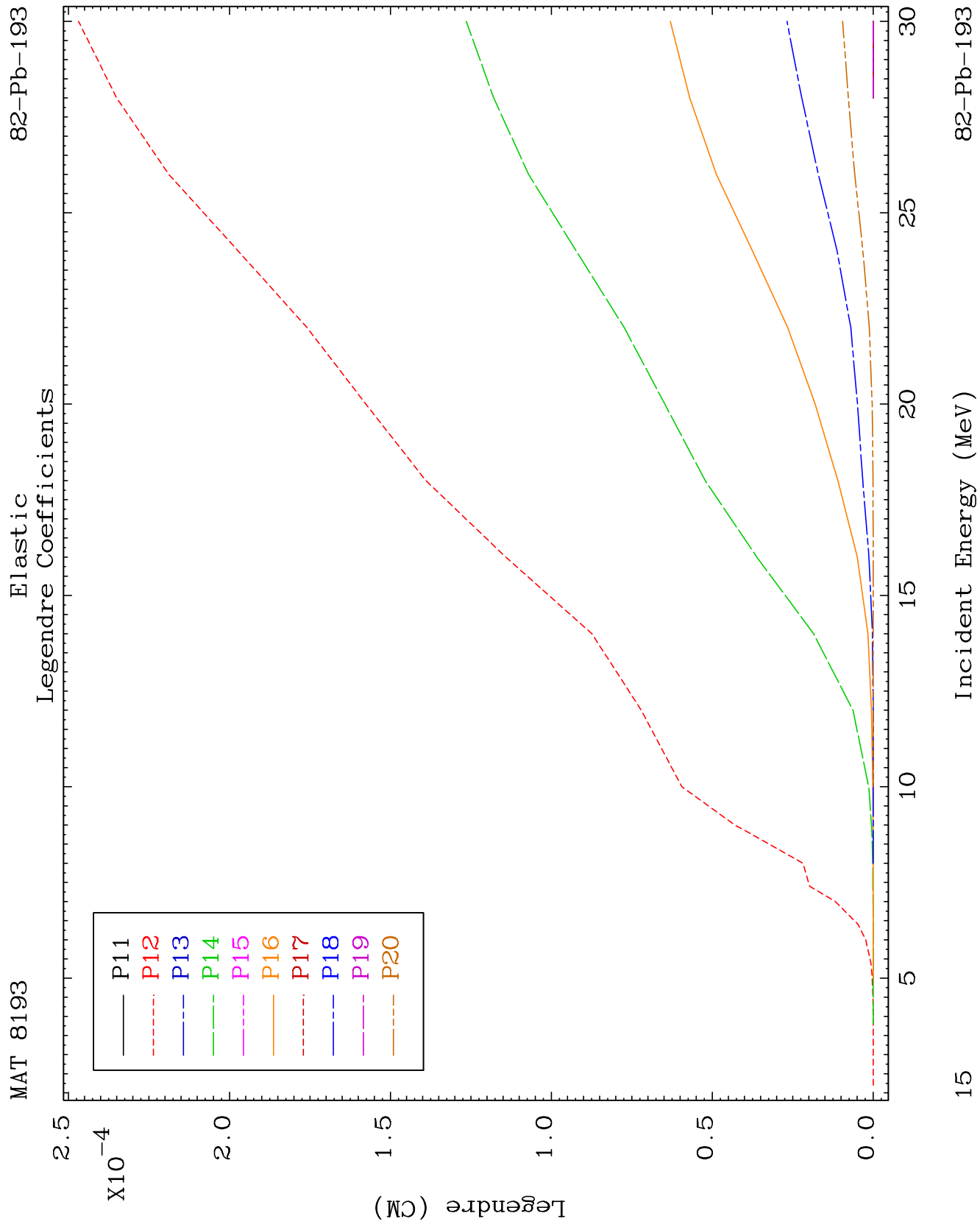
12

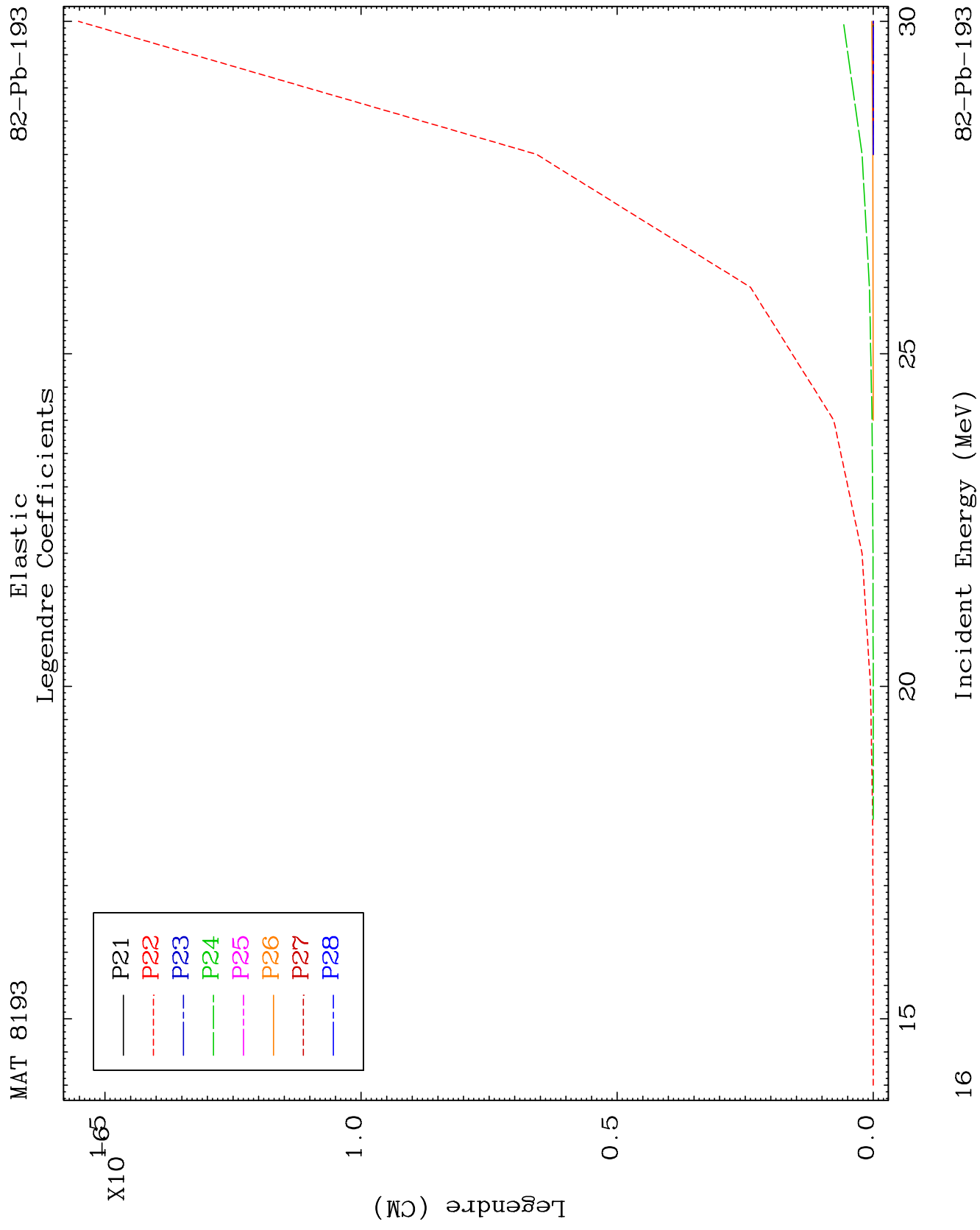
Incident Energy (MeV)

82-Pb-193





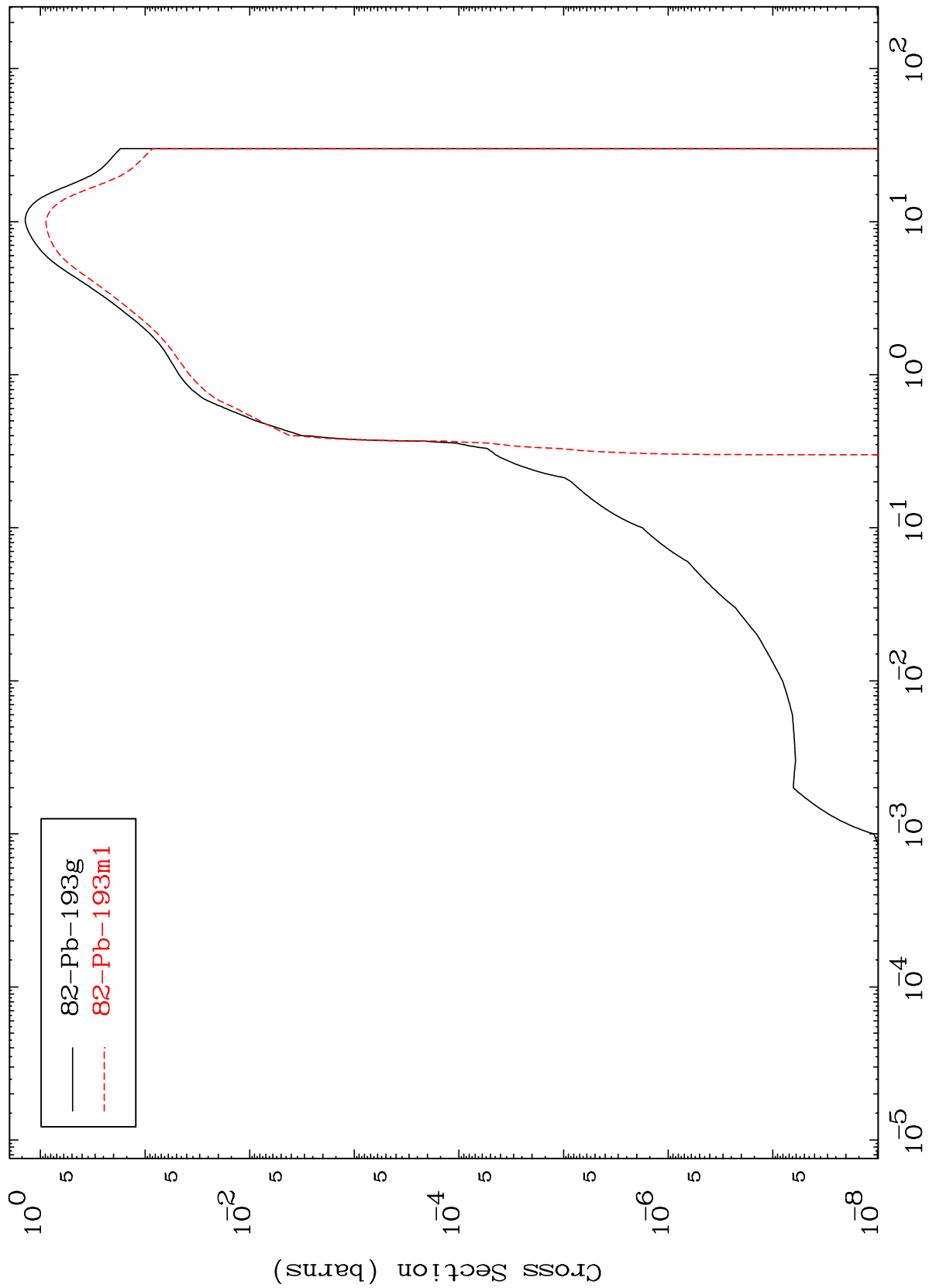




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82-Pb-193

Inelastic
Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

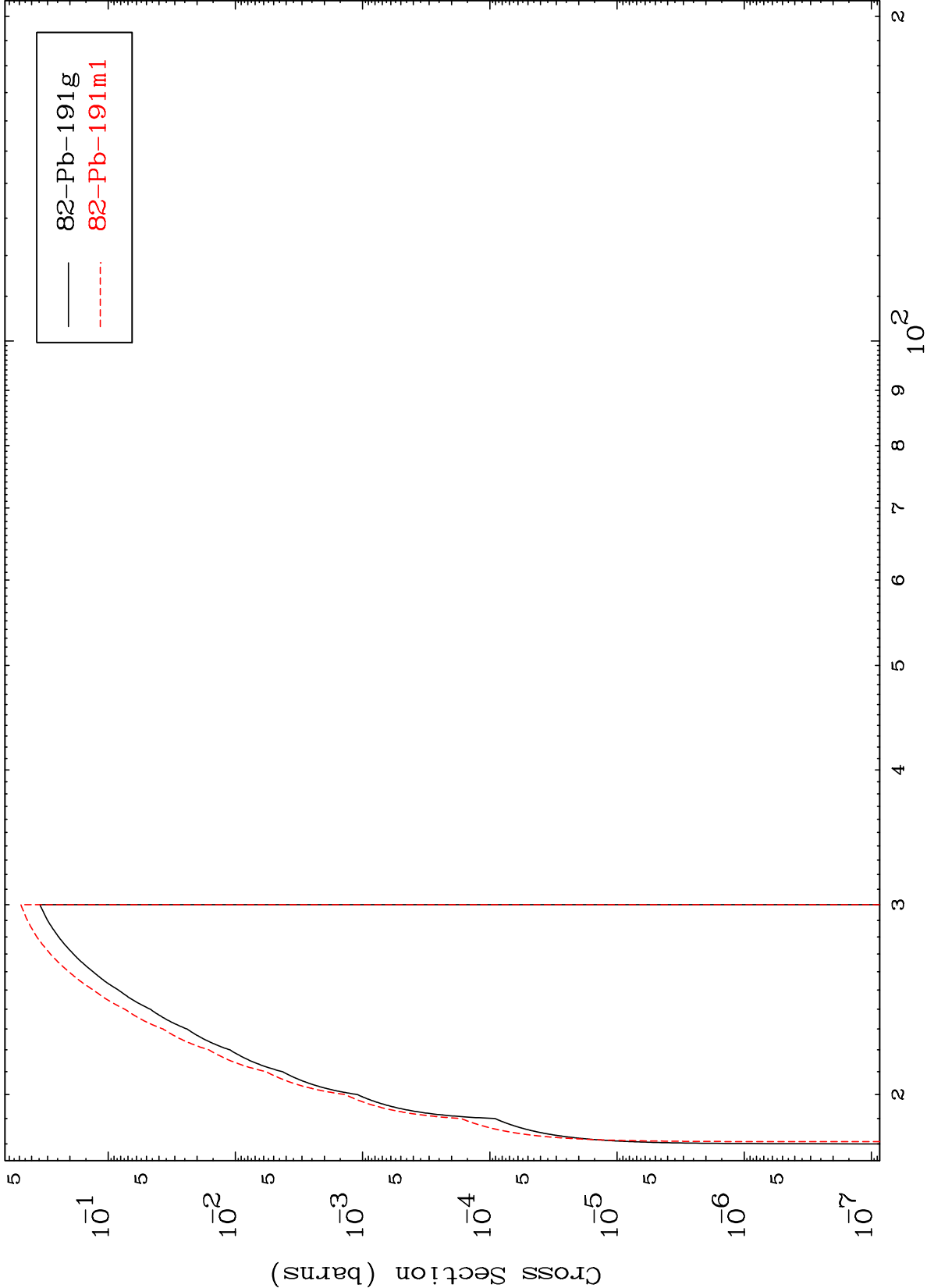
82-Pb-193

Incident Energy (MeV)

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82-Pb-193

(n,3n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

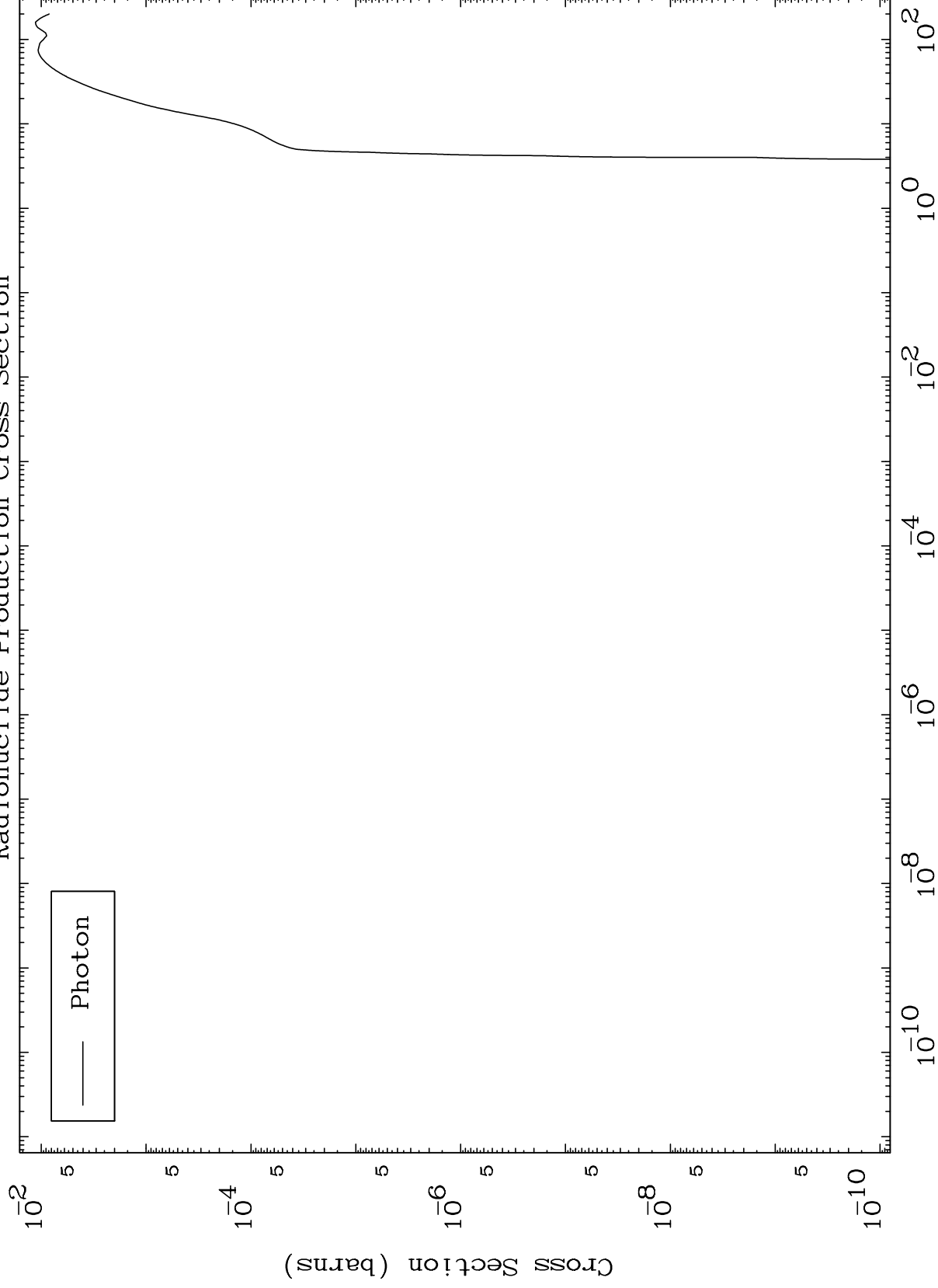
82-Pb-193

MAT 8193

Fission

82-Pb-193

Radionuclide Production Cross Section

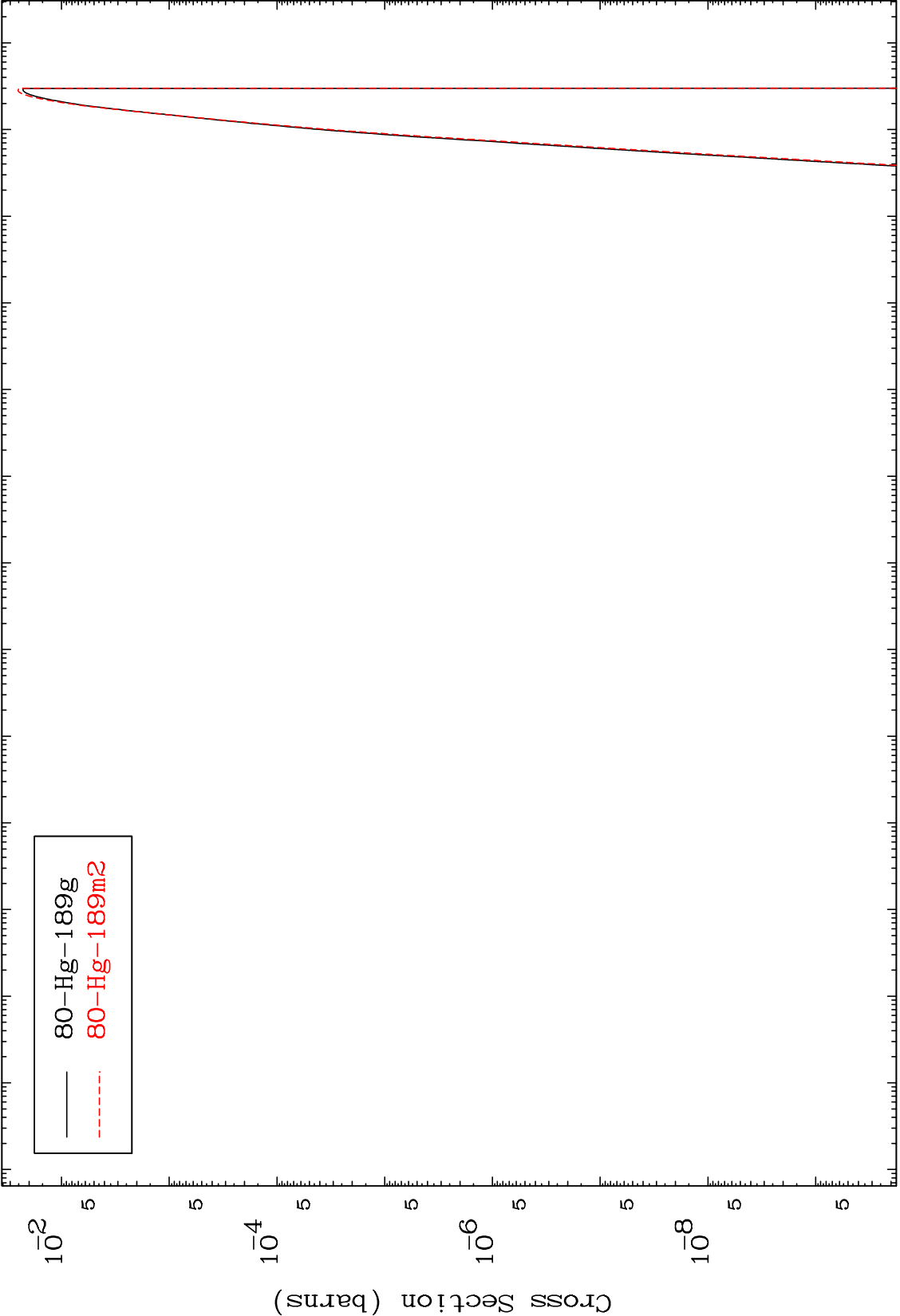


19

Incident Energy (MeV)

82-Pb-193

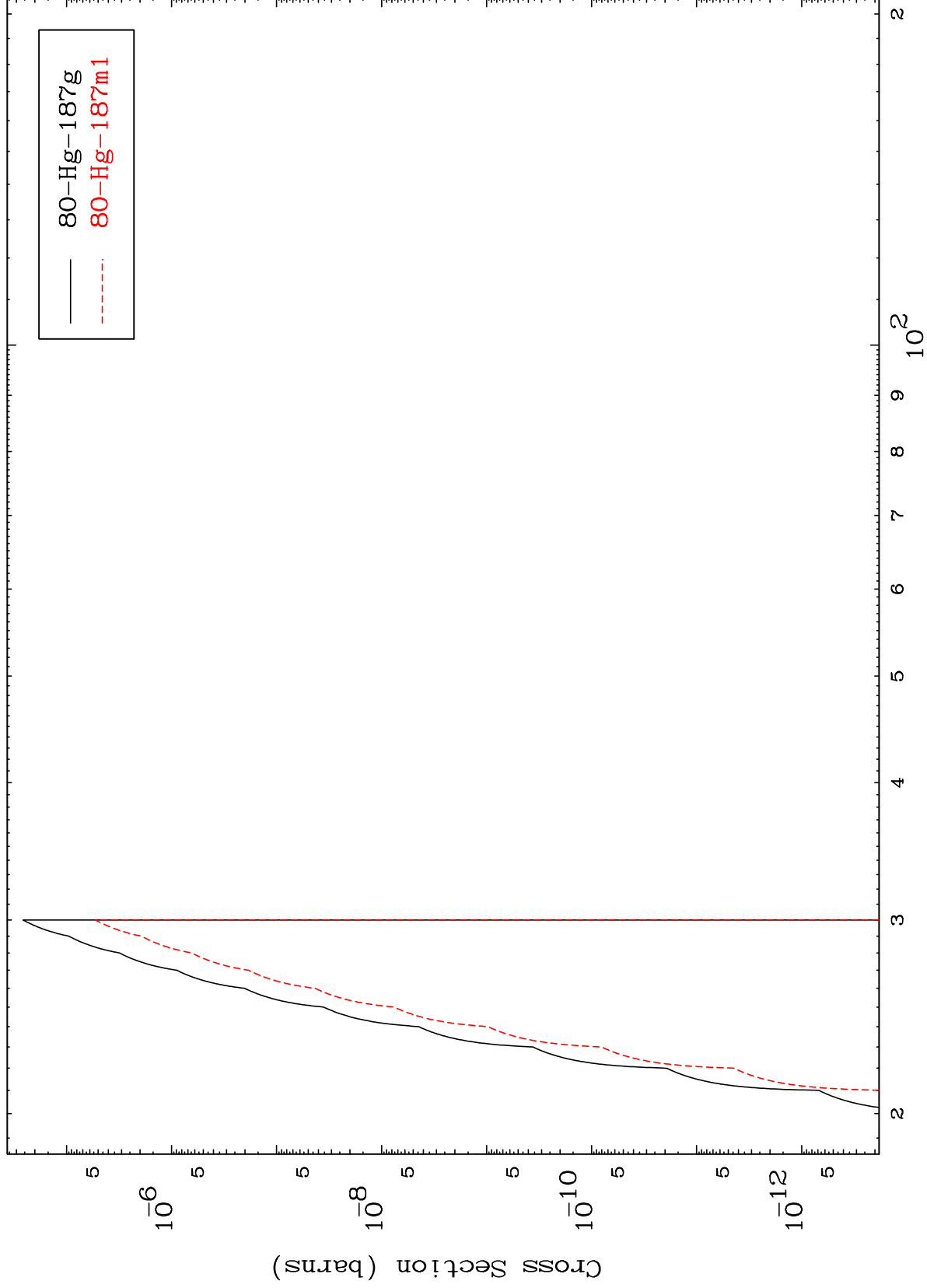
Radionuclide Production Cross Section



MAT 8193

82-Pb-193

$(n,3n) \alpha$
Radionuclide Production Cross Section



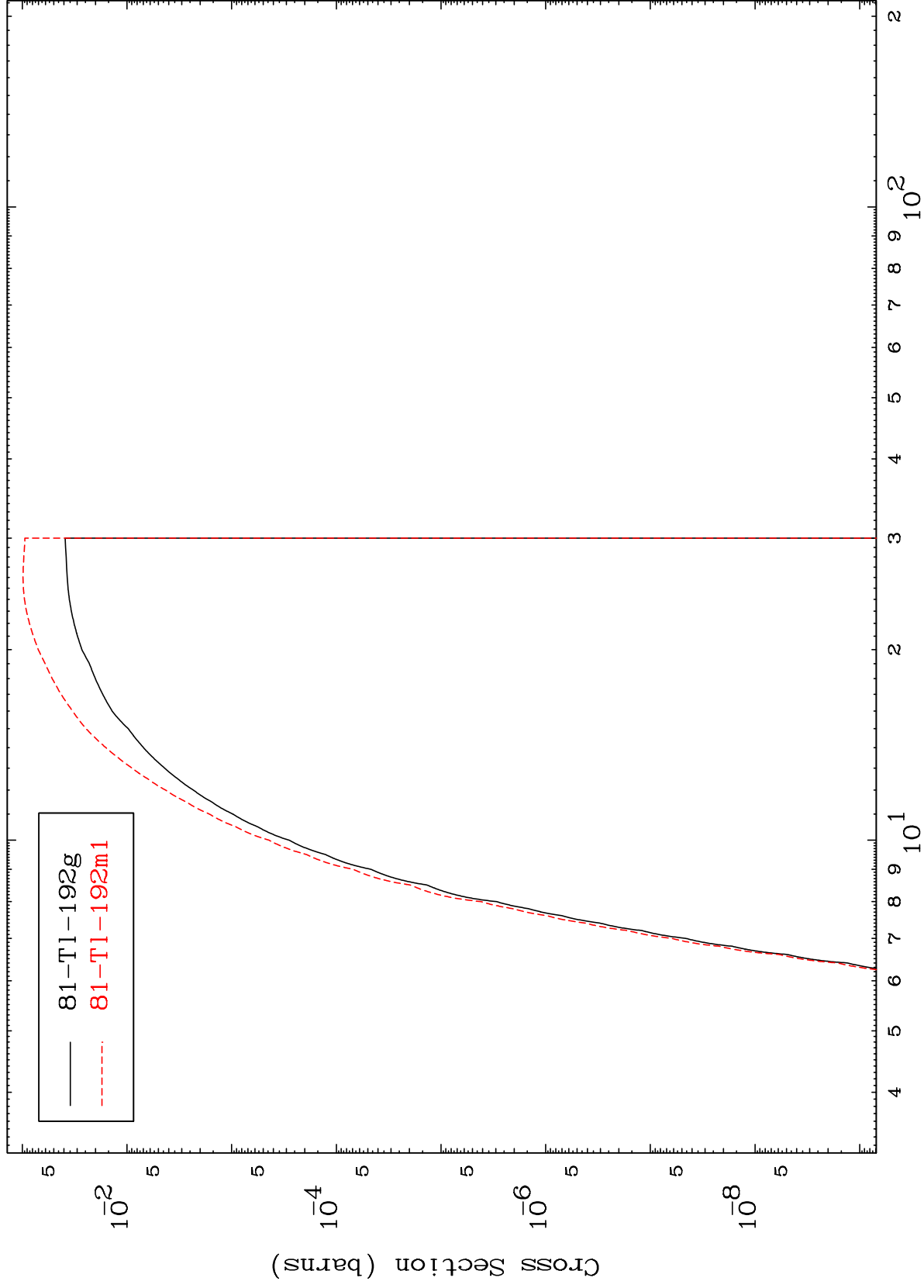
21

82-Pb-193

MAT 8193

82-Pb-193

(n,n') p
Radionuclide Production Cross Section



22

Incident Energy (MeV)

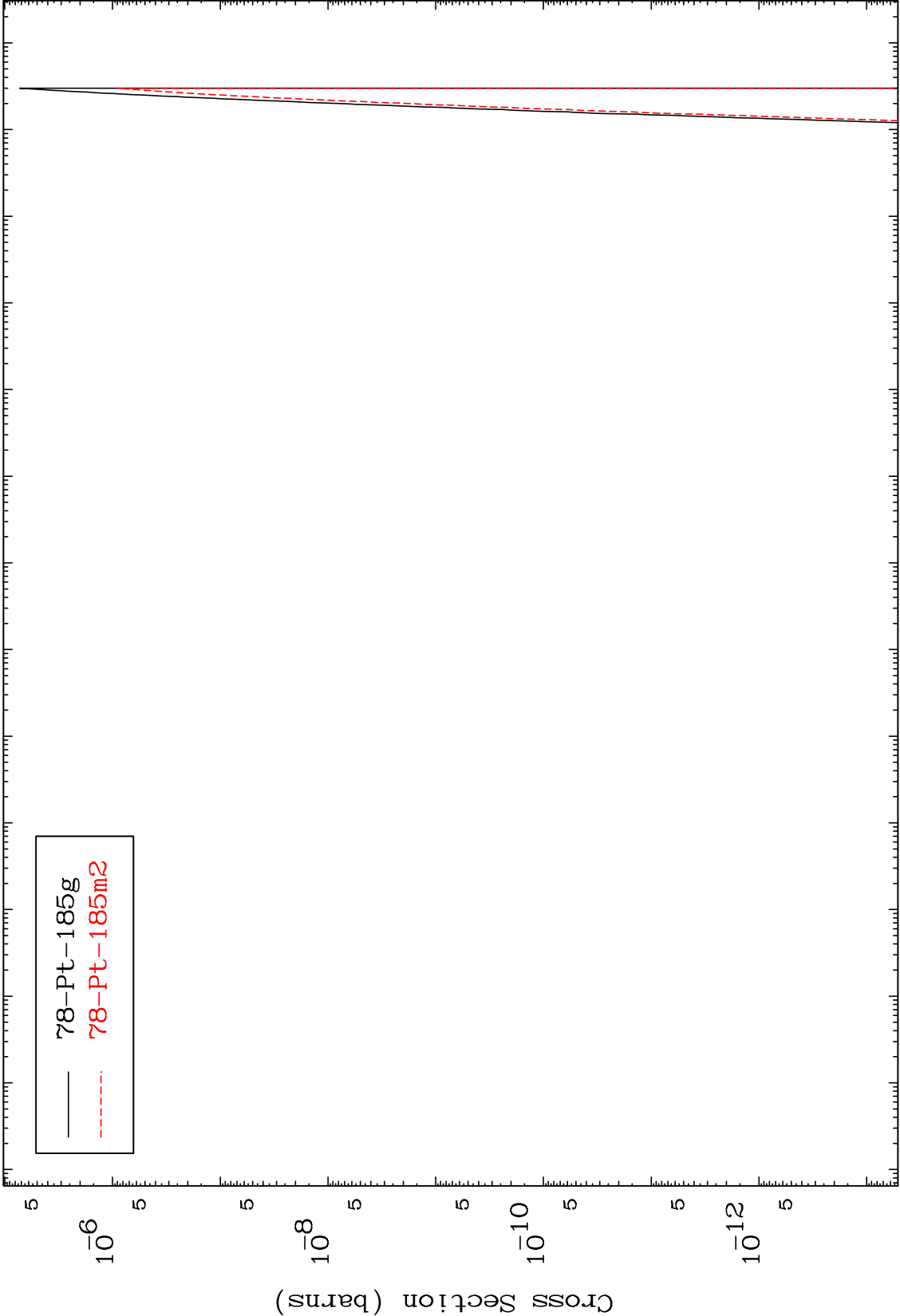
82-Pb-193

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(n,n') 2 α

82-Pb-193

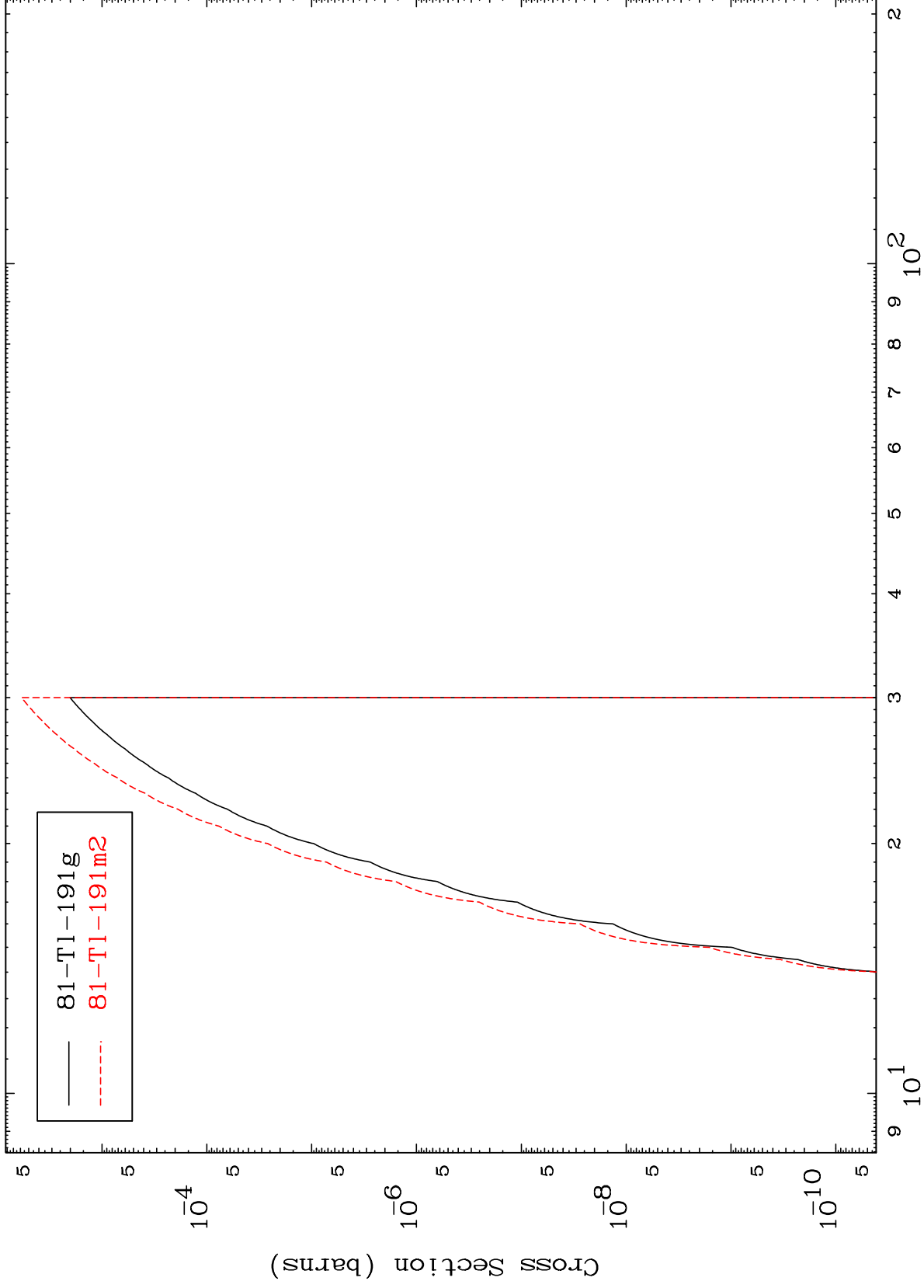
Radionuclide Production Cross Section



MAT 8193

82-Pb-193

(n,n') d
Radionuclide Production Cross Section



82-Pb-193

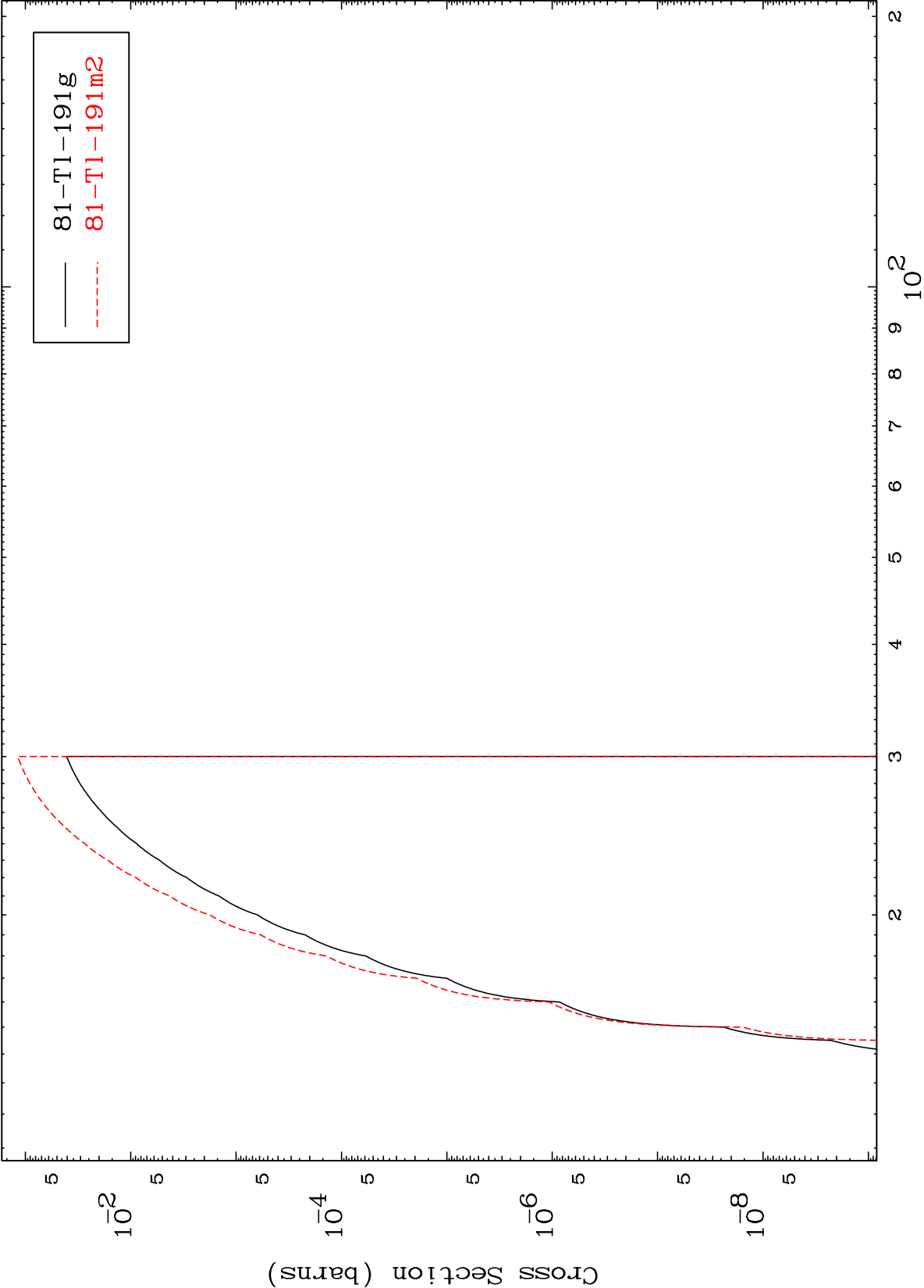
Incident Energy (MeV)

24

MAT 8193

82-Pb-193

(n,2n) p
Radionuclide Production Cross Section



25

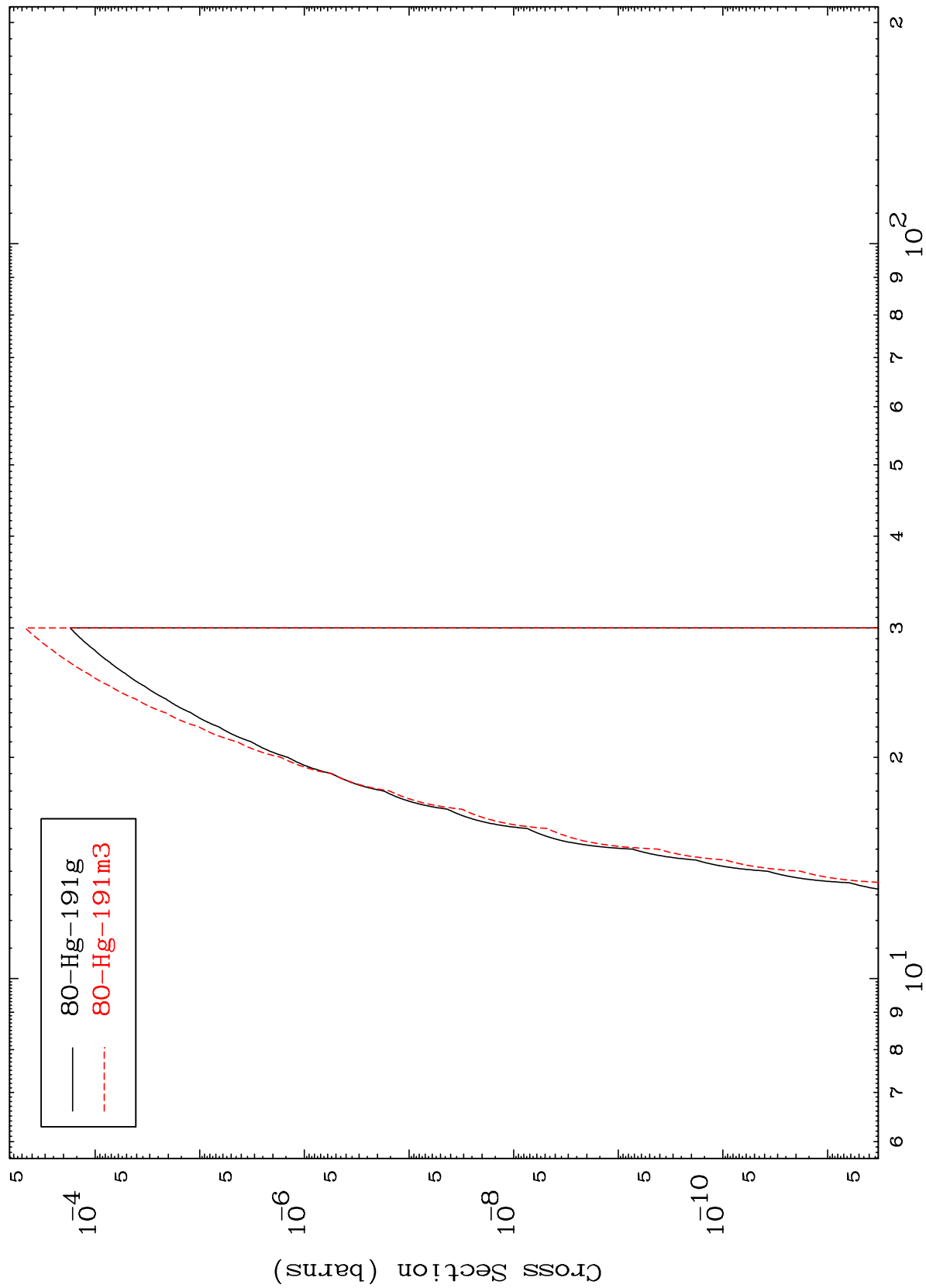
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

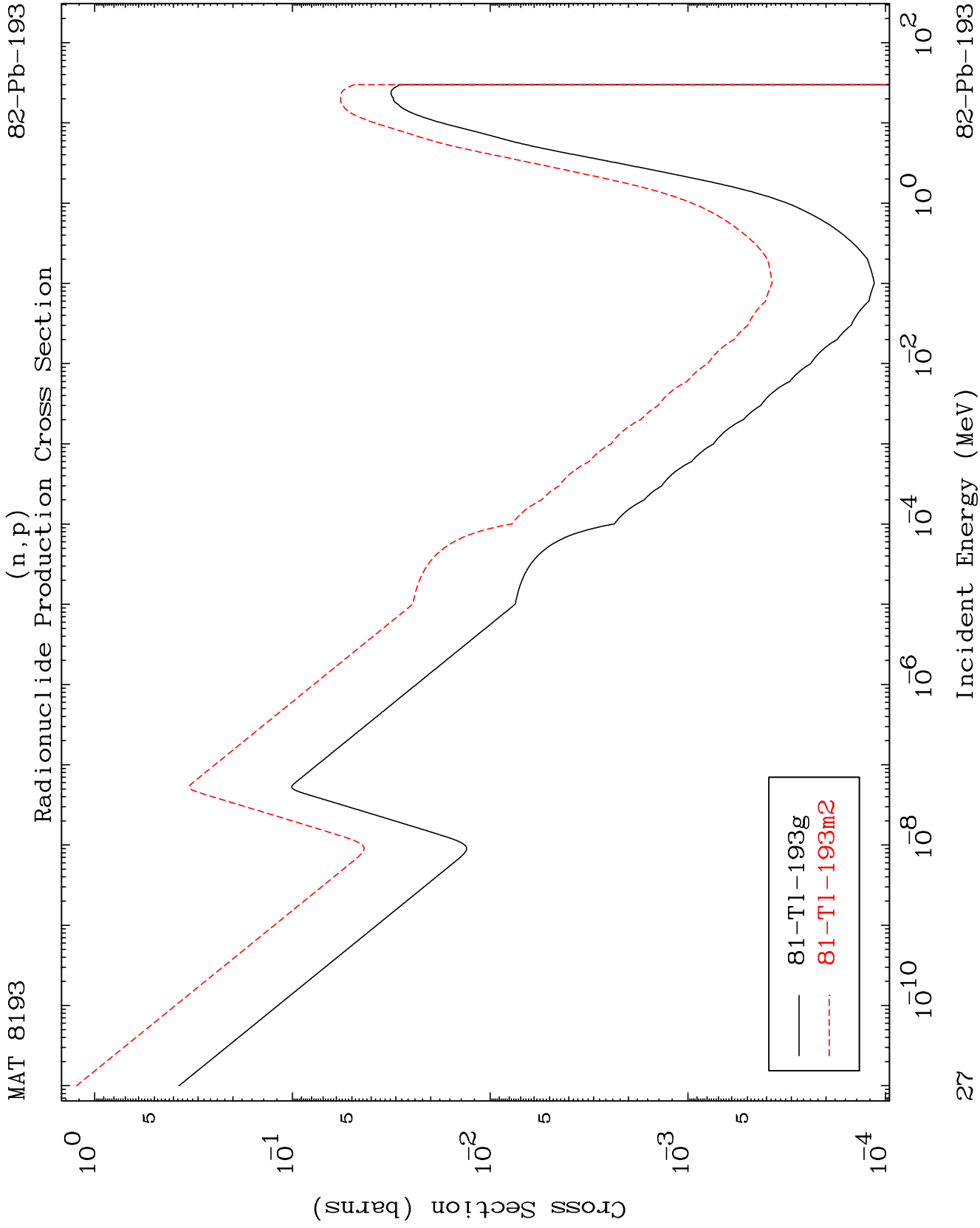
(n,2n) p
Radionuclide Production Cross Section



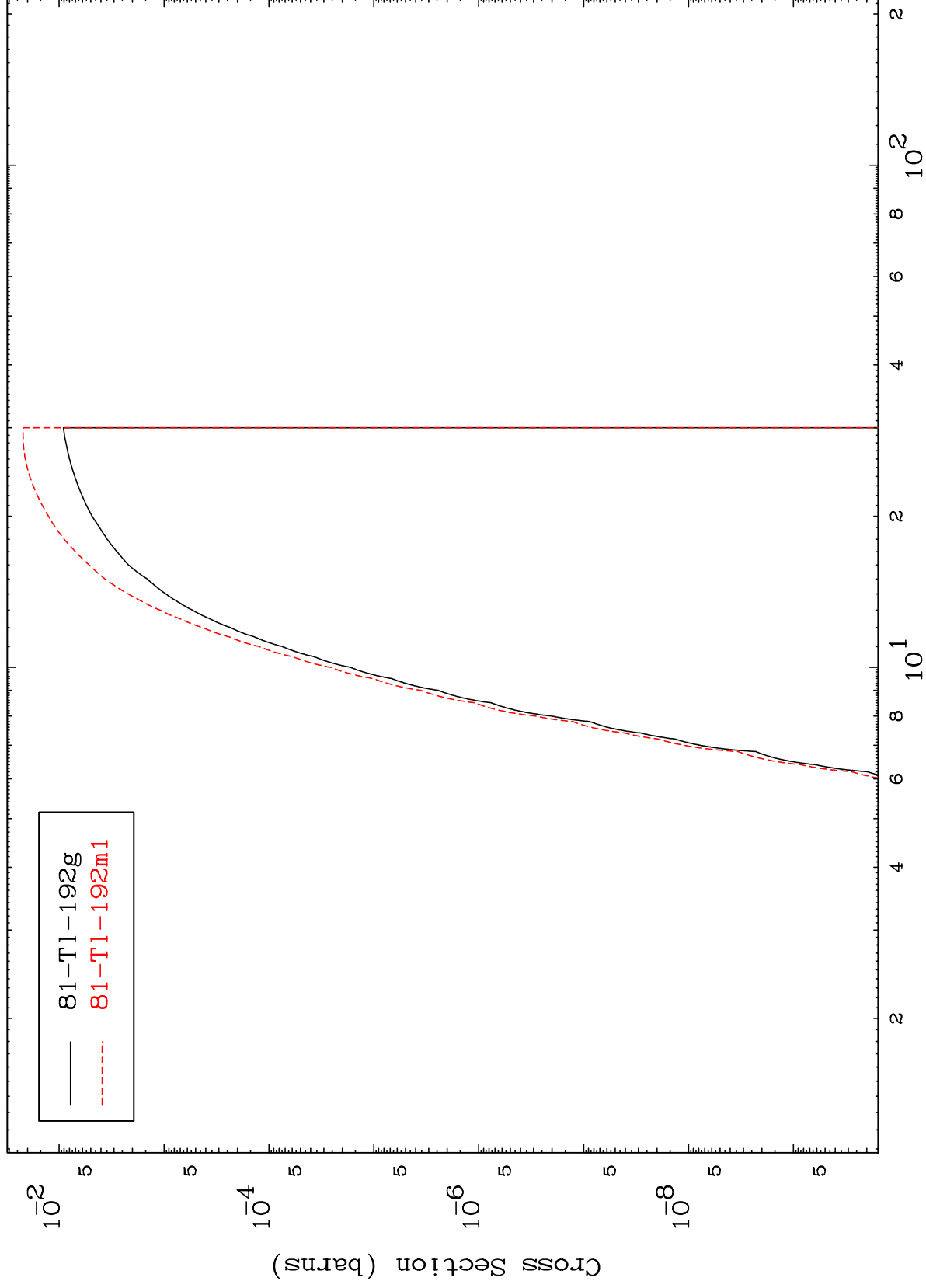
26

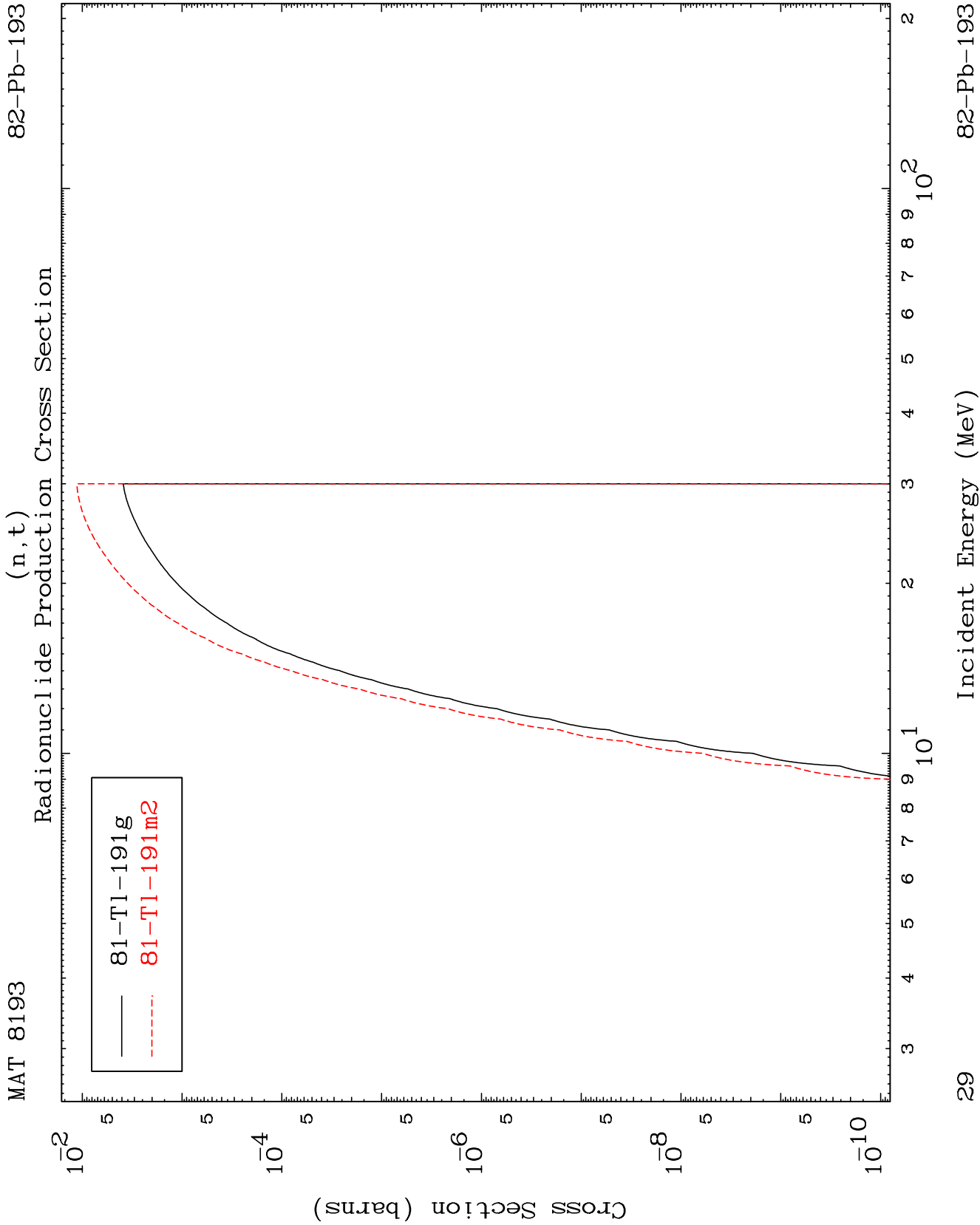
Incident Energy (MeV)

82-Pb-193



(n,d)
Radionuclide Production Cross Section



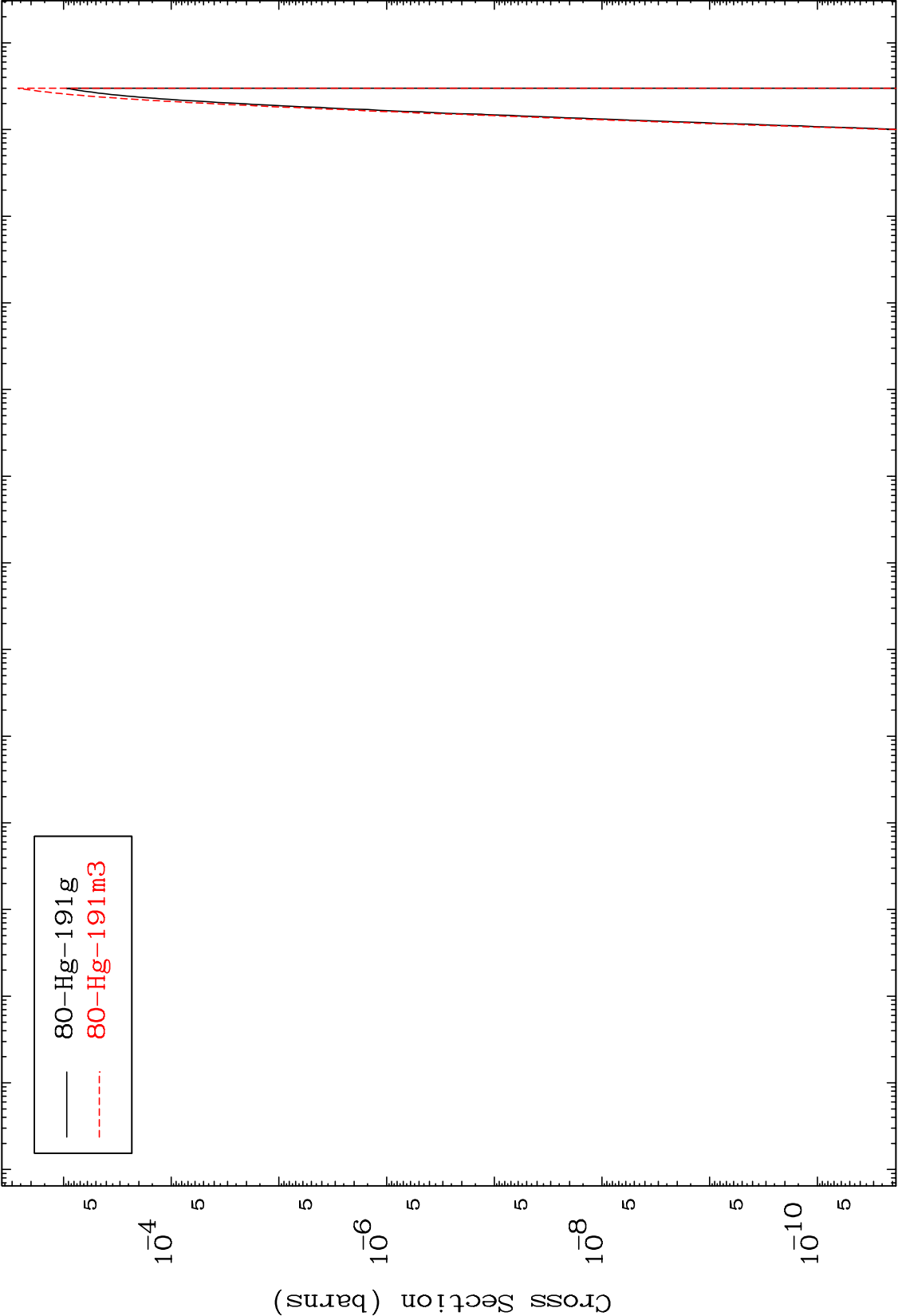


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(n,He-3)

82-Pb-193

Radionuclide Production Cross Section



30

Incident Energy (MeV)

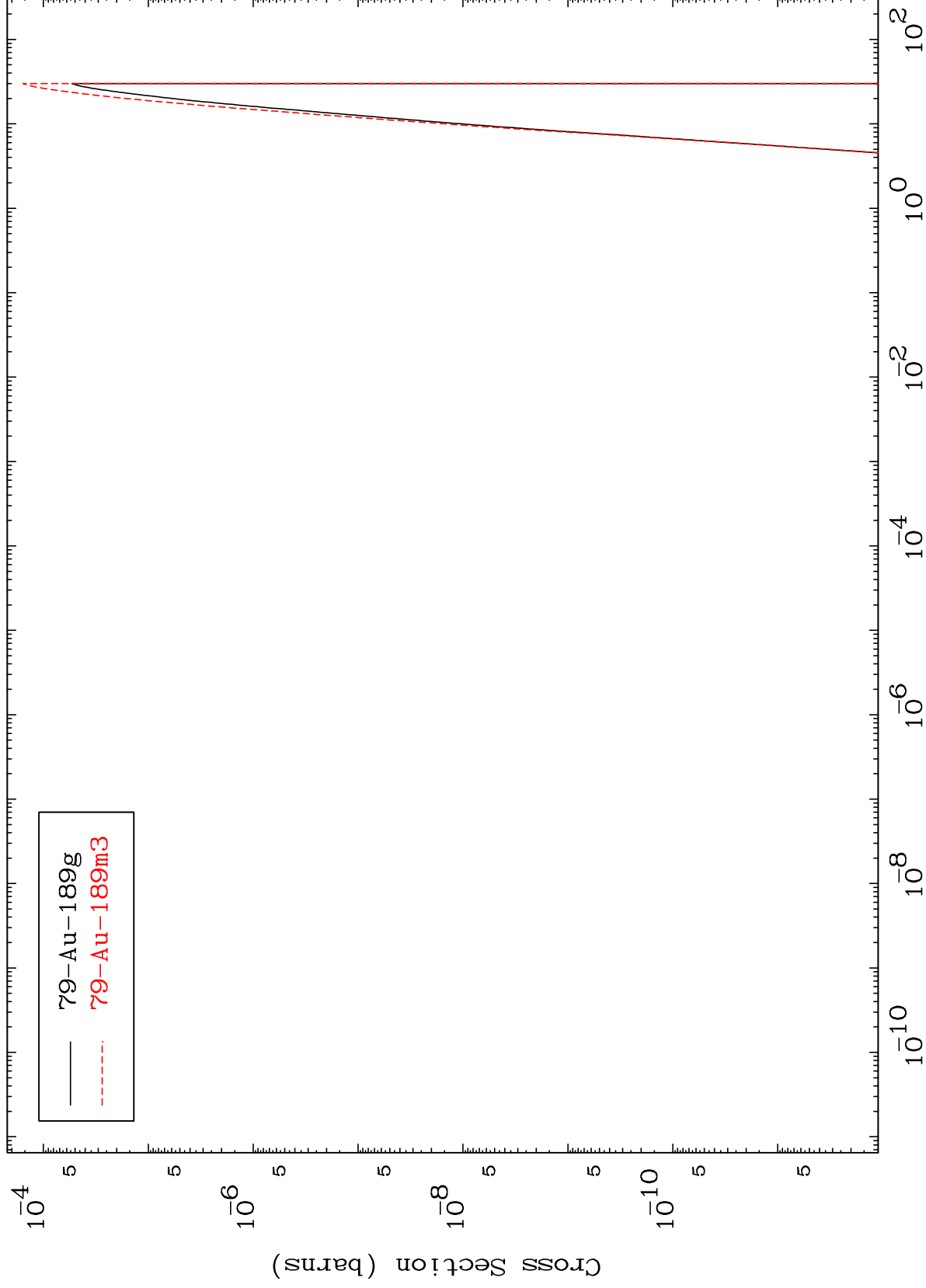
82-Pb-193

MAT 8193

(n,p) α

82-Pb-193

Radionuclide Production Cross Section



31

Incident Energy (MeV)

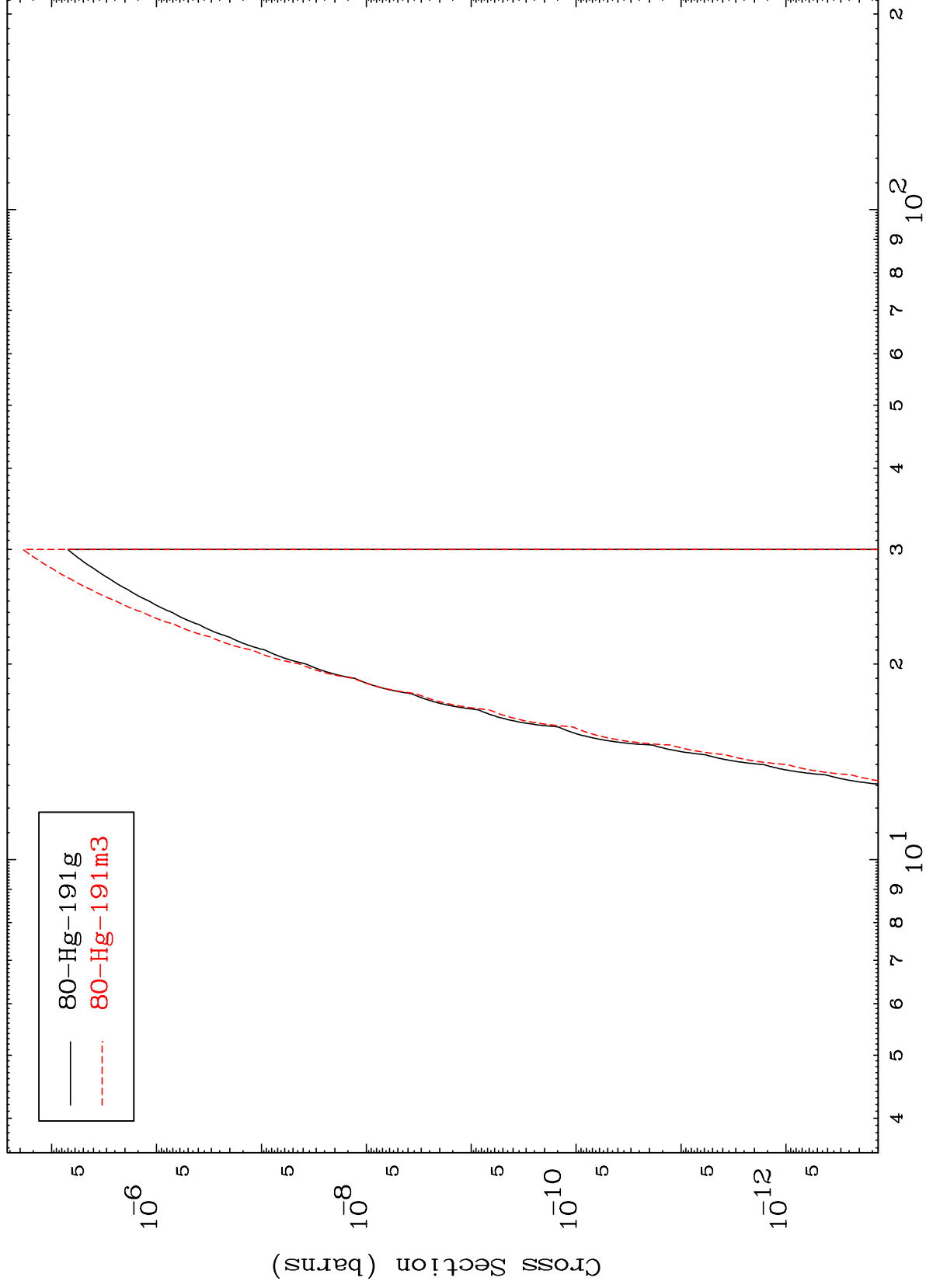
82-Pb-193

MAT 8193

(n,p) d

82-Pb-193

Radionuclide Production Cross Section



32

Incident Energy (MeV)

82-Pb-193