

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

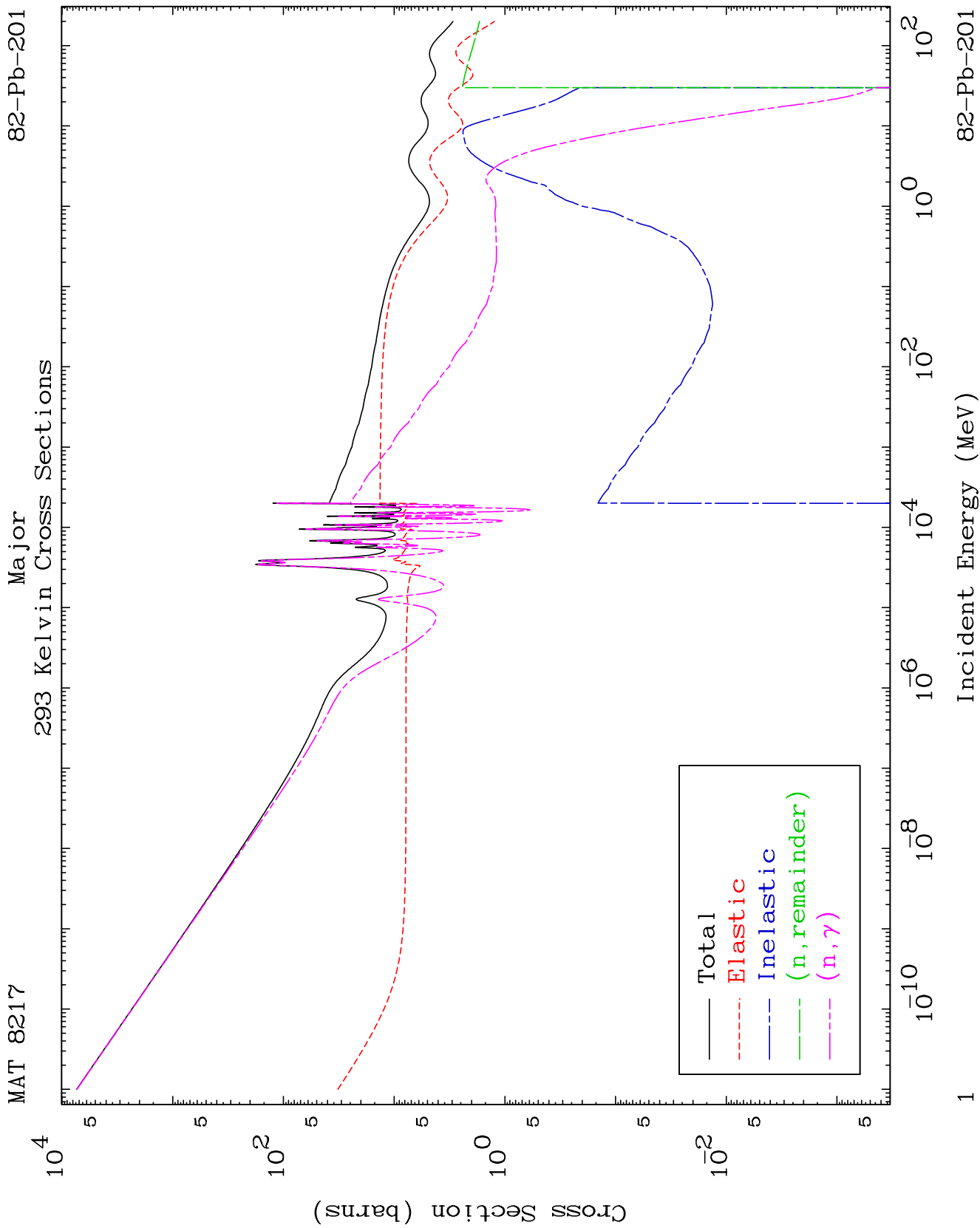
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Web:redcullen1.net/HOMEPAGE.NEW

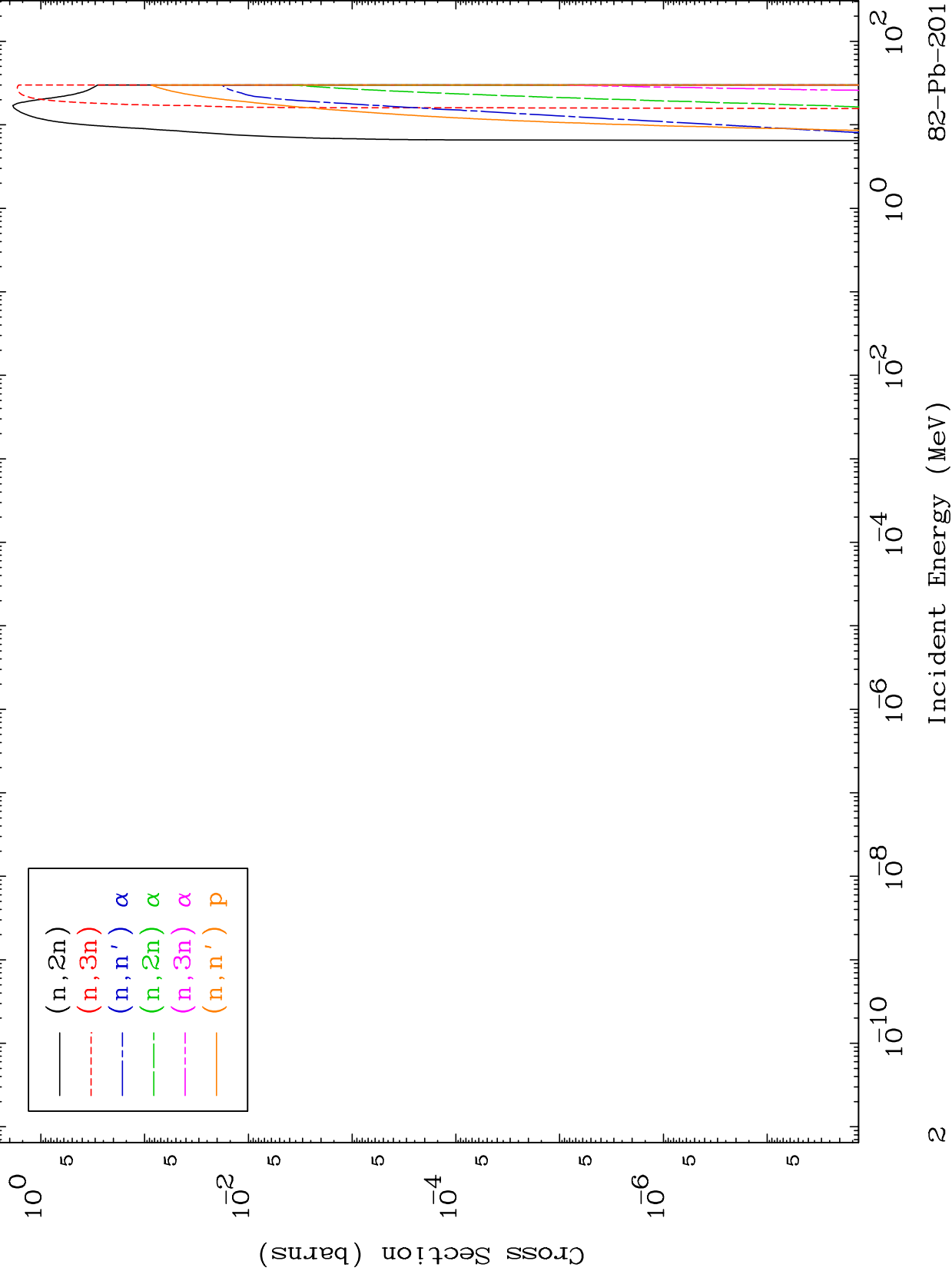
Press Mouse Button to Start



MAT 8217

Neutron Production
293 Kelvin Cross Sections

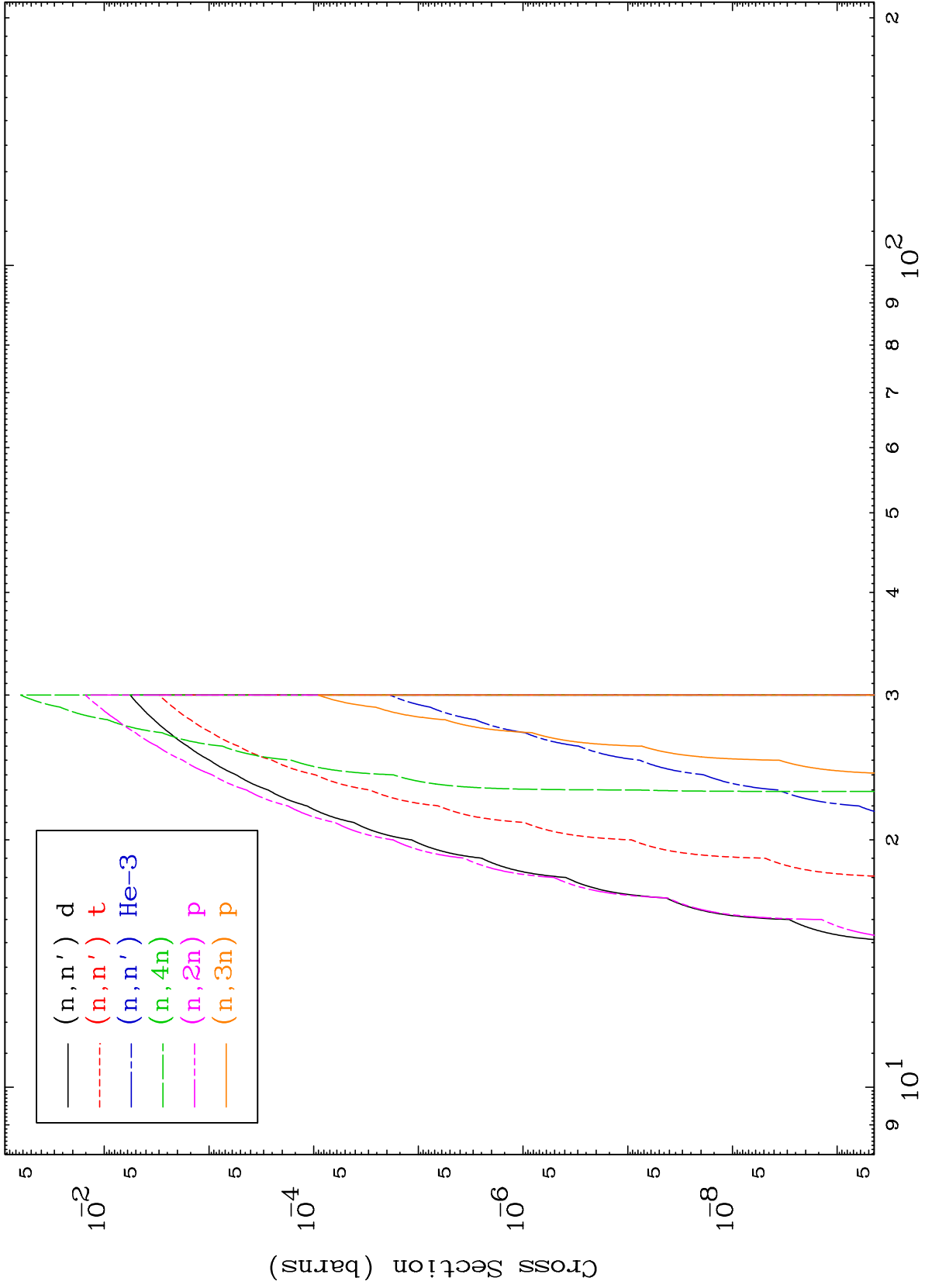
82-Pb-201



MAT 8217

Neutron Production
293 Kelvin Cross Sections

82-Pb-201



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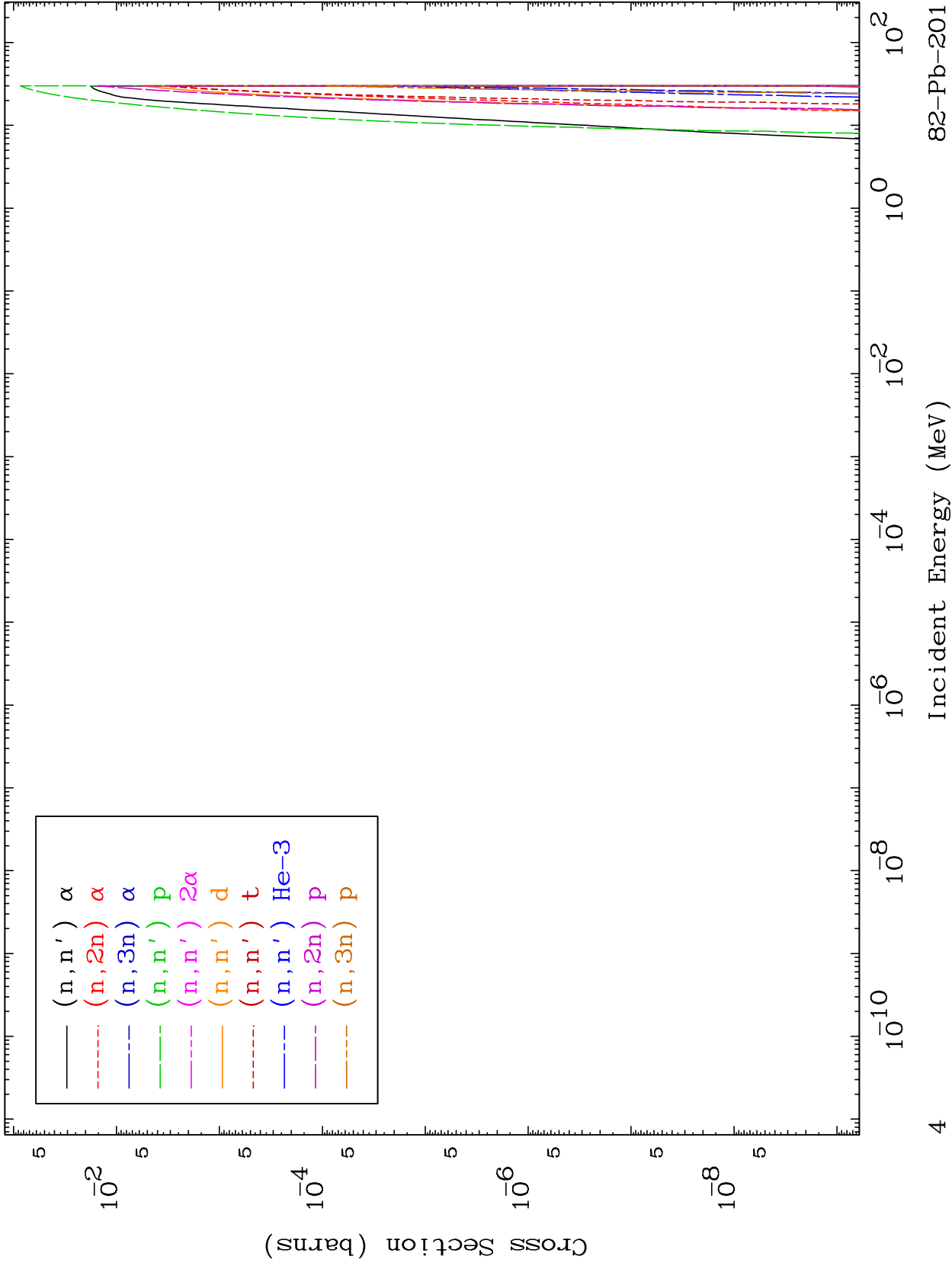
Incident Energy (MeV)

82-Pb-201

MAT 8217

Charged Particle
293 Kelvin Cross Sections

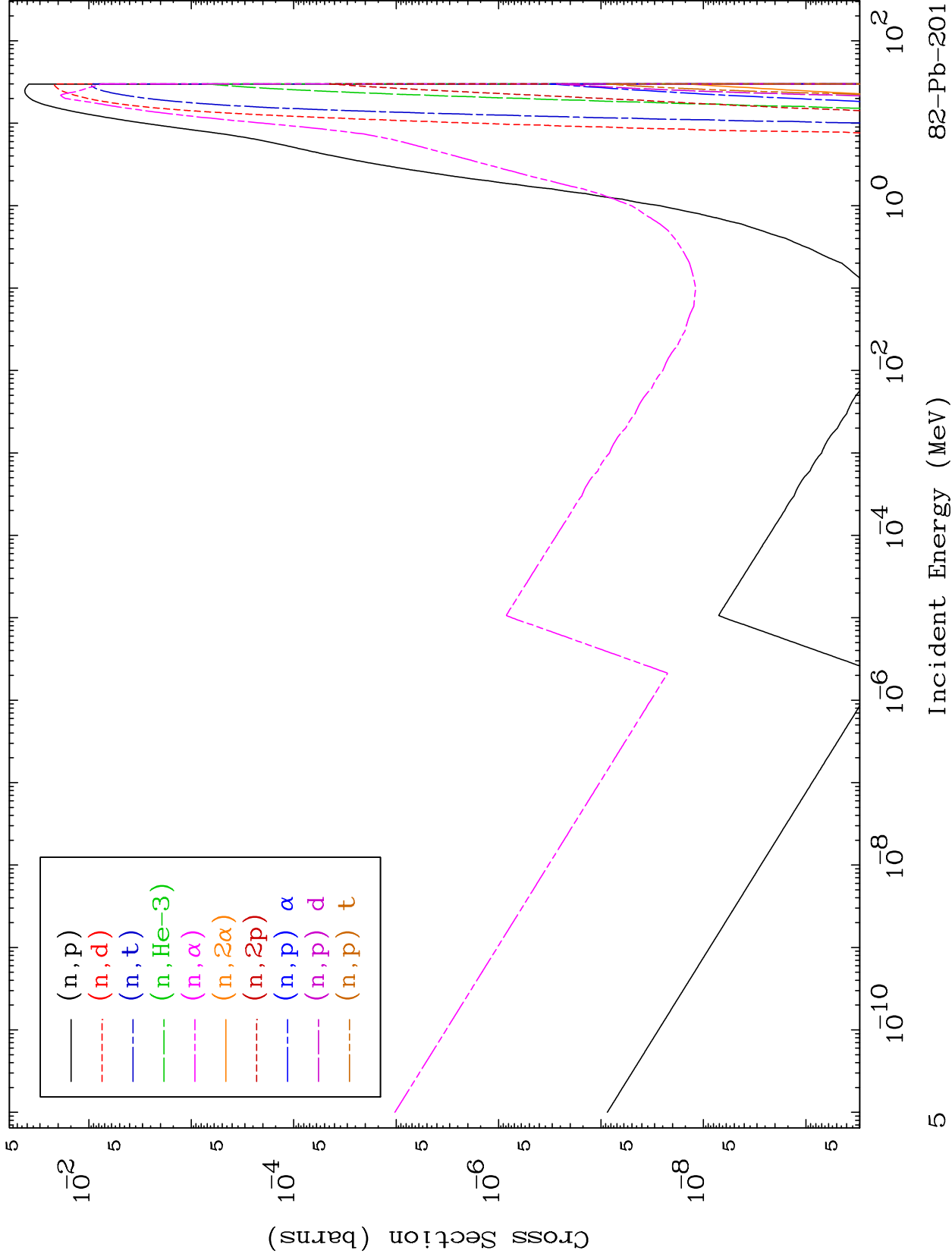
82-Pb-201



MAT 8217

Charged Particle
293 Kelvin Cross Sections

82-Pb-201

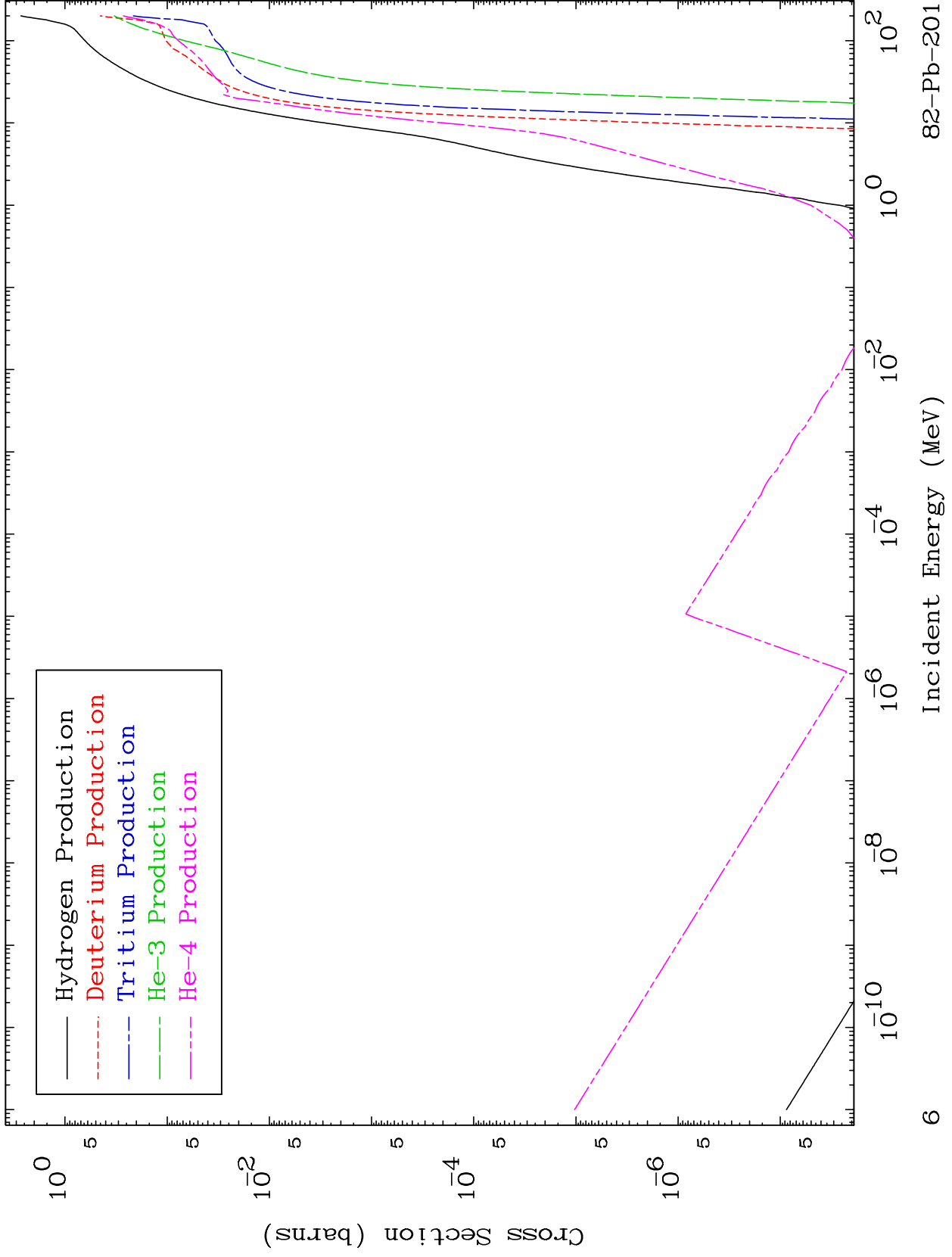


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MAT 8217

Particle Production
293 Kelvin Cross Sections

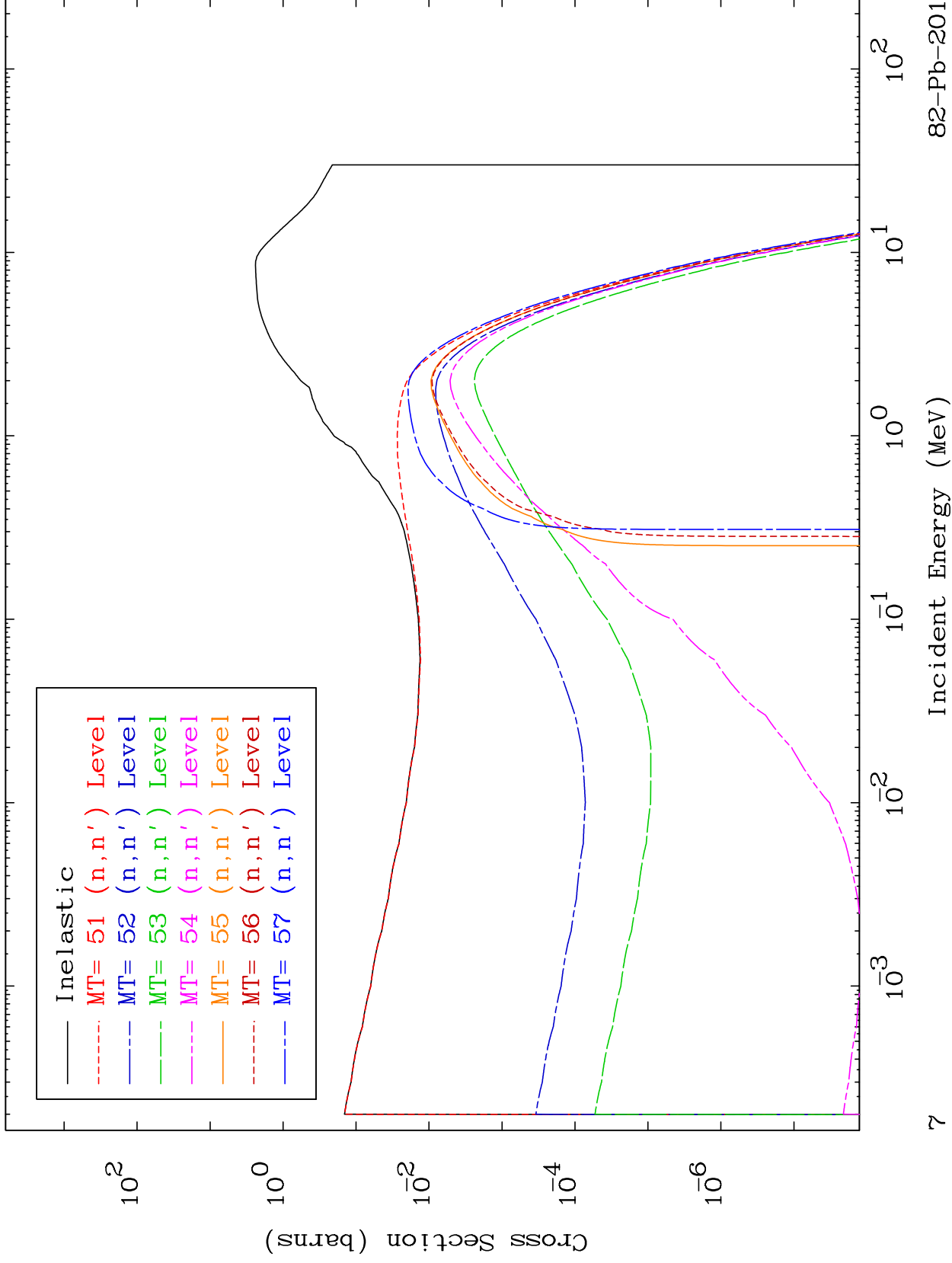
82-Pb-201



MAT 8217

(n,n') Level
293 Kelvin Cross Sections

82-Pb-201

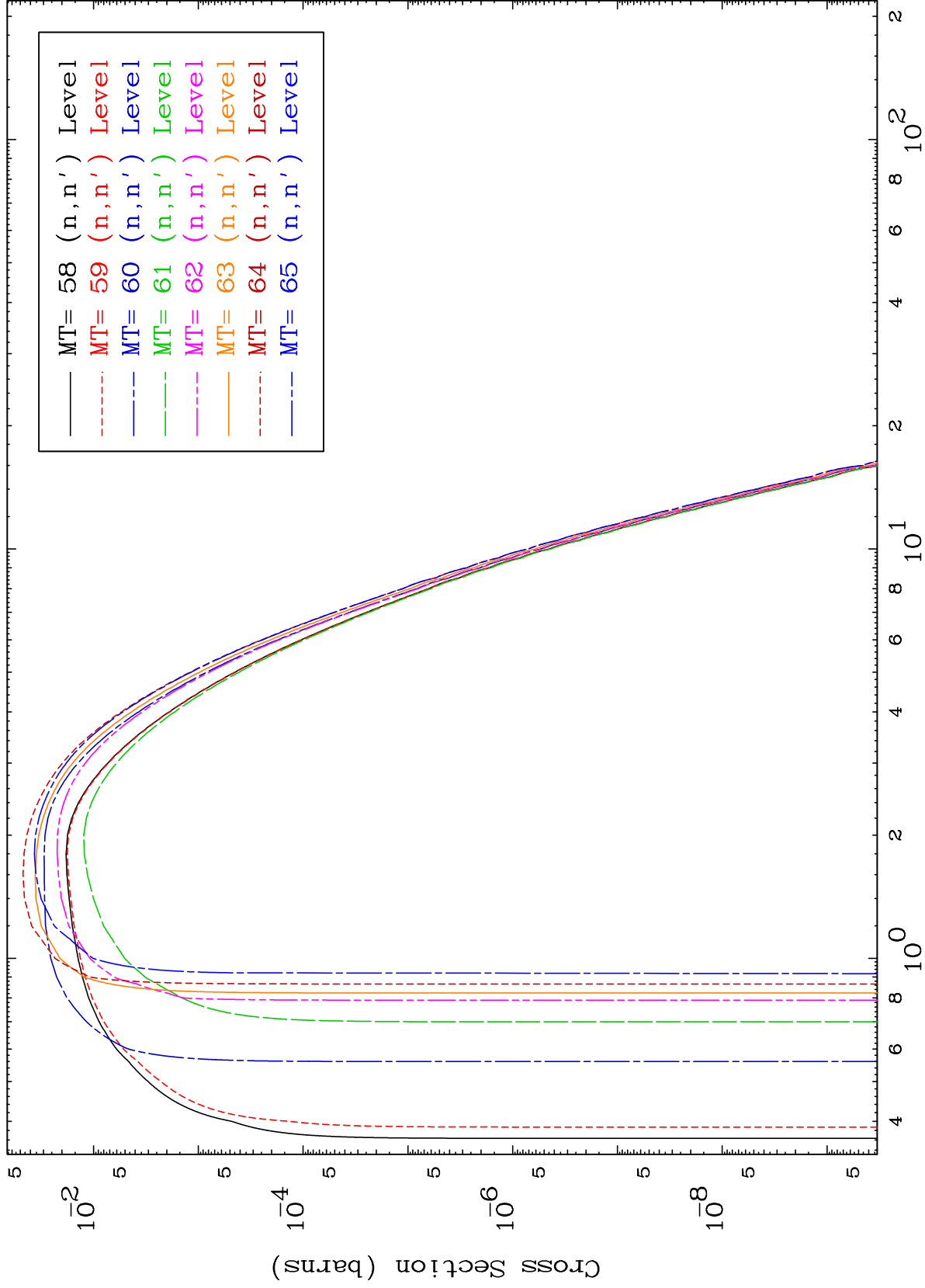


MAT 8217

(n,n') Level

82-Pb-201

293 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-201

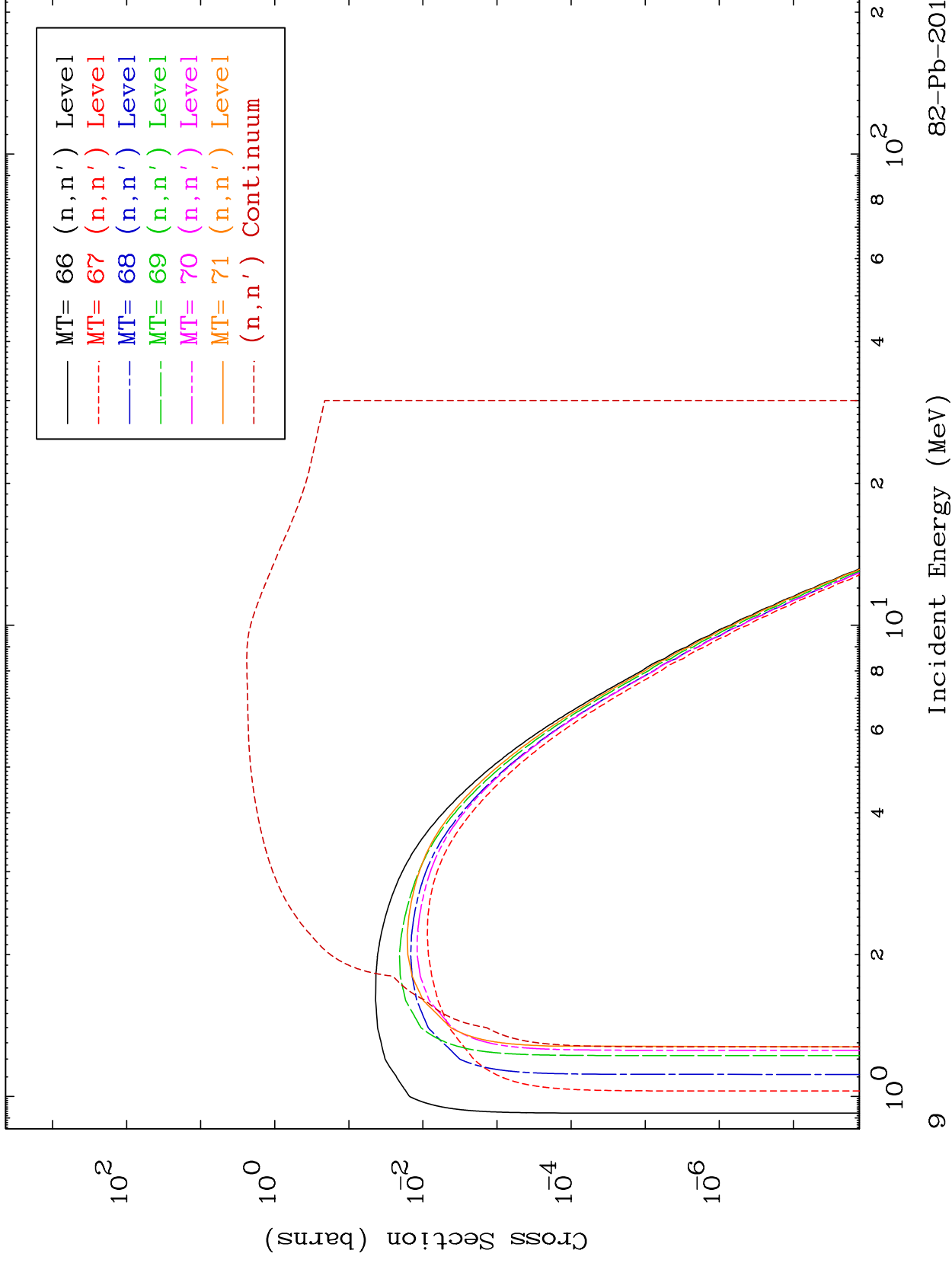
8

MAT 8217

(n,n') Level

293 Kelvin Cross Sections

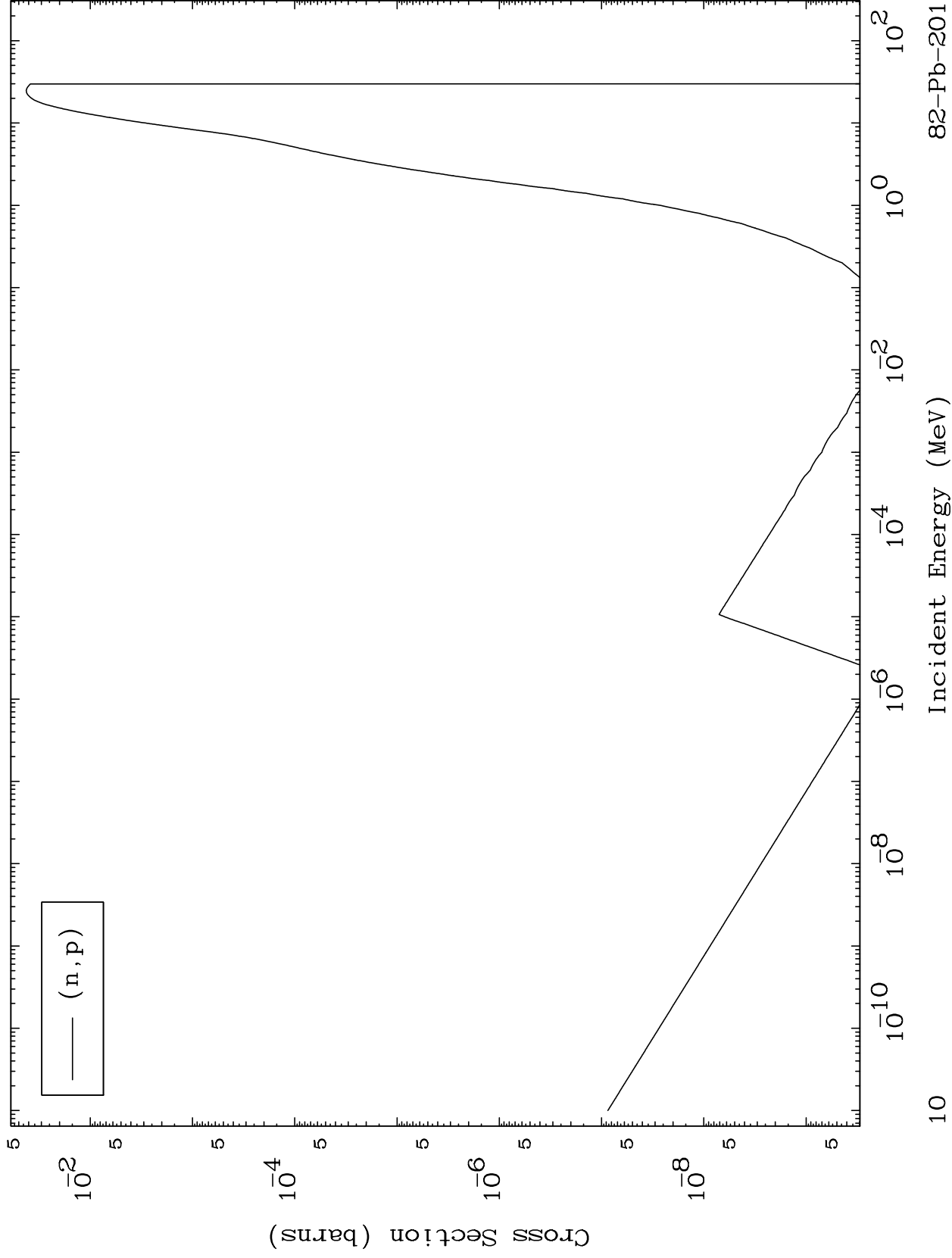
82-Pb-201



MAT 8217

(n,p) Levels
293 Kelvin Cross Sections

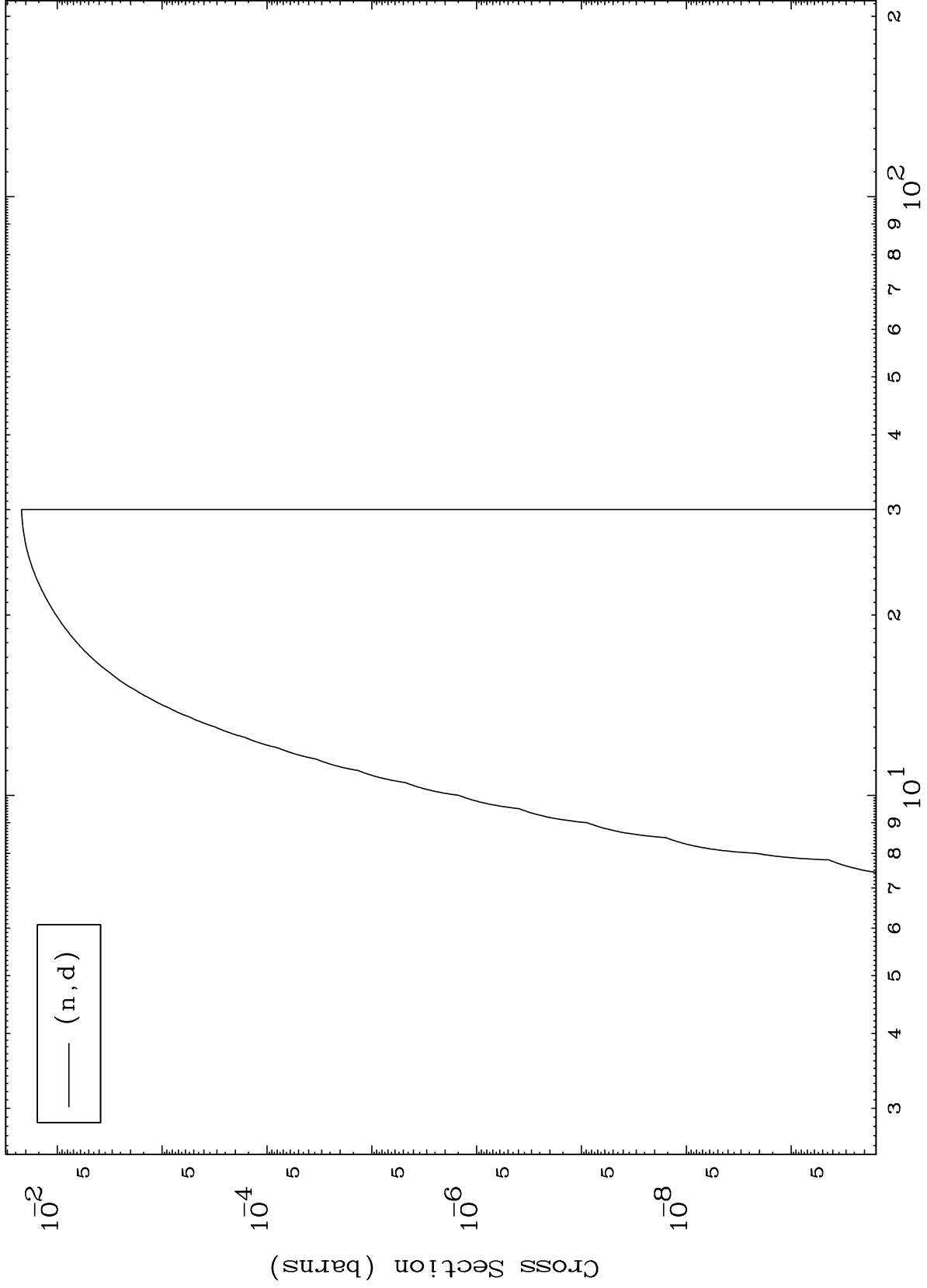
82-Pb-201



MAT 8217

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-201

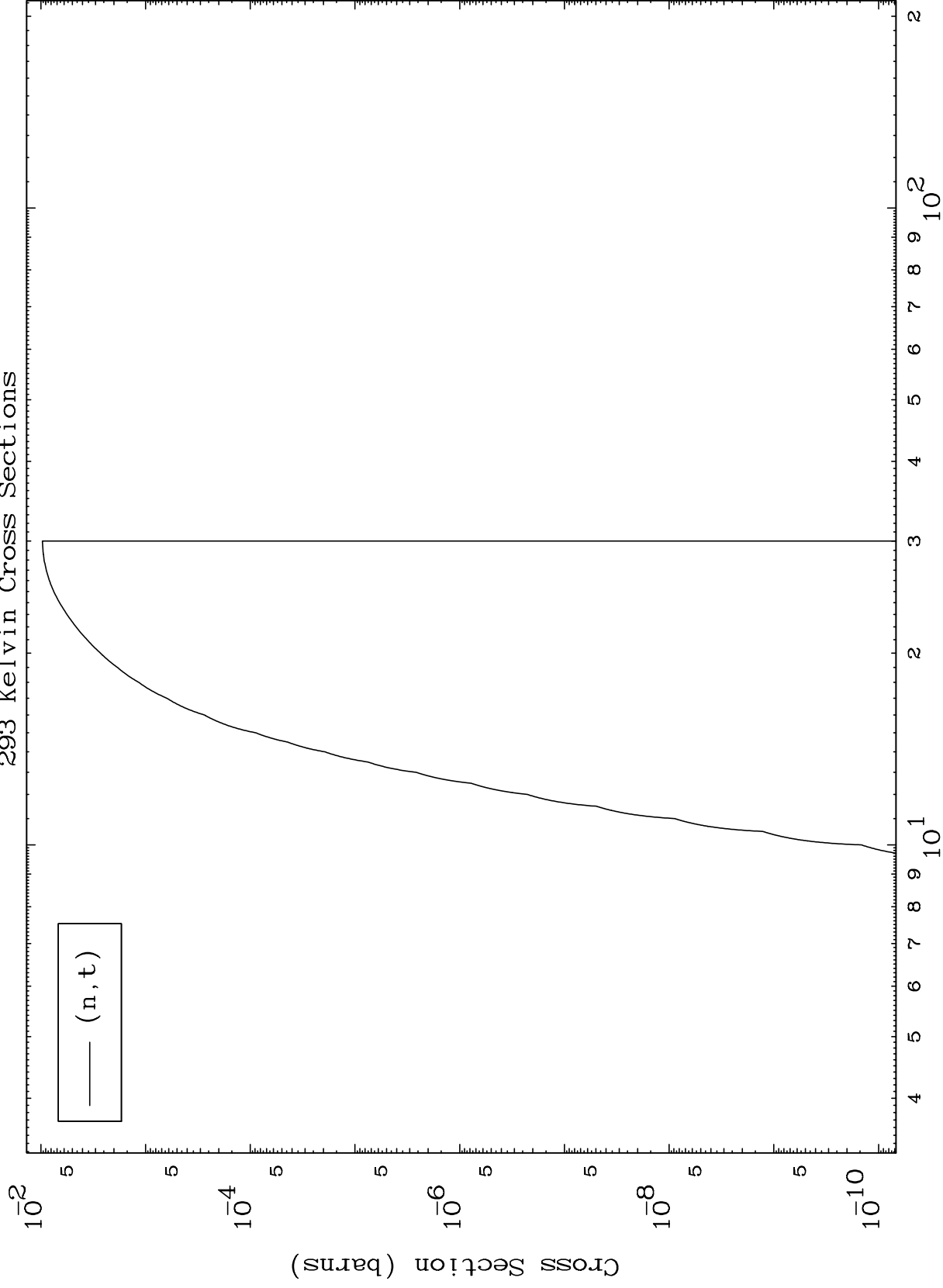


(n,d)

MAT 8217

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-201



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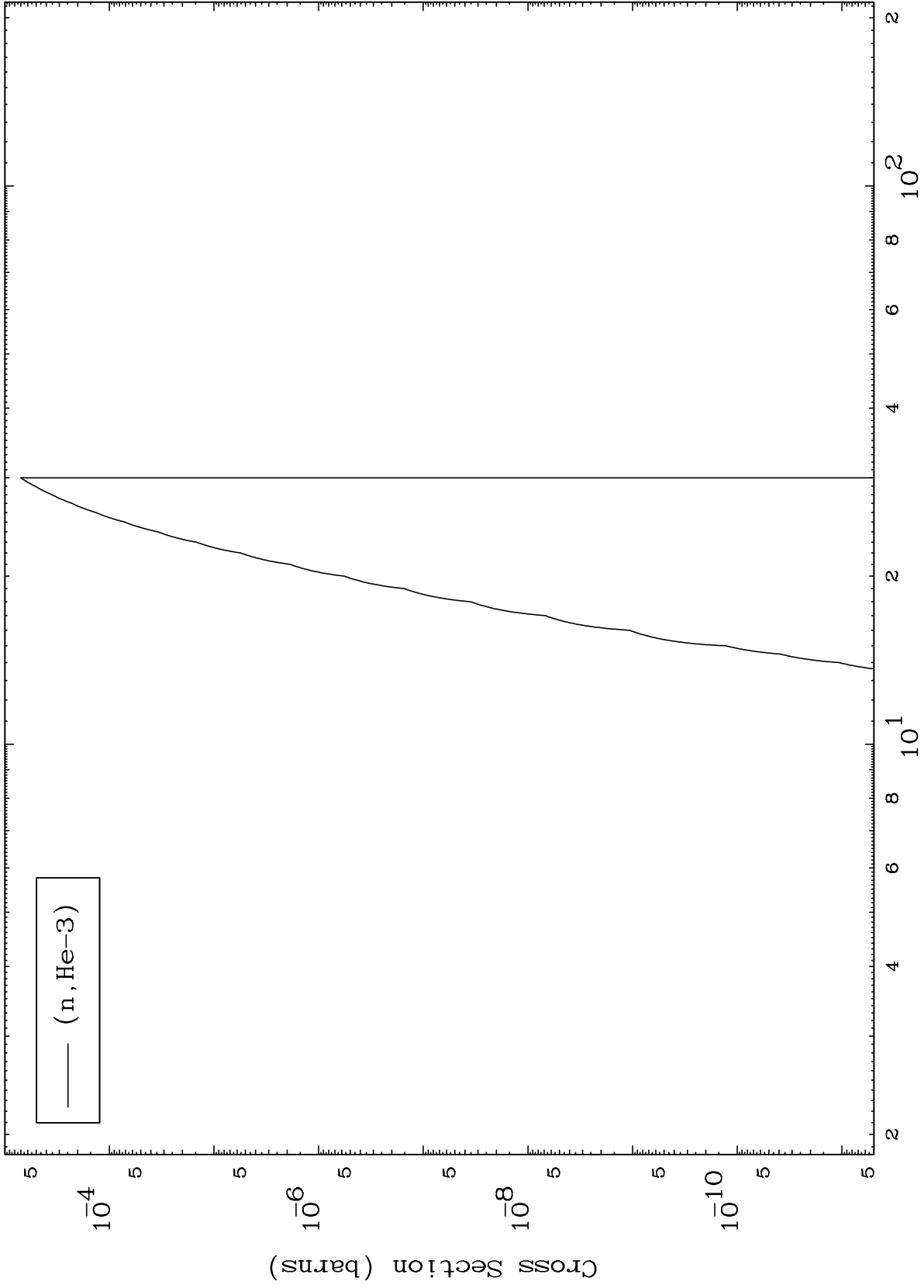
Incident Energy (MeV)

82-Pb-201

MAT 8217

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-201



13

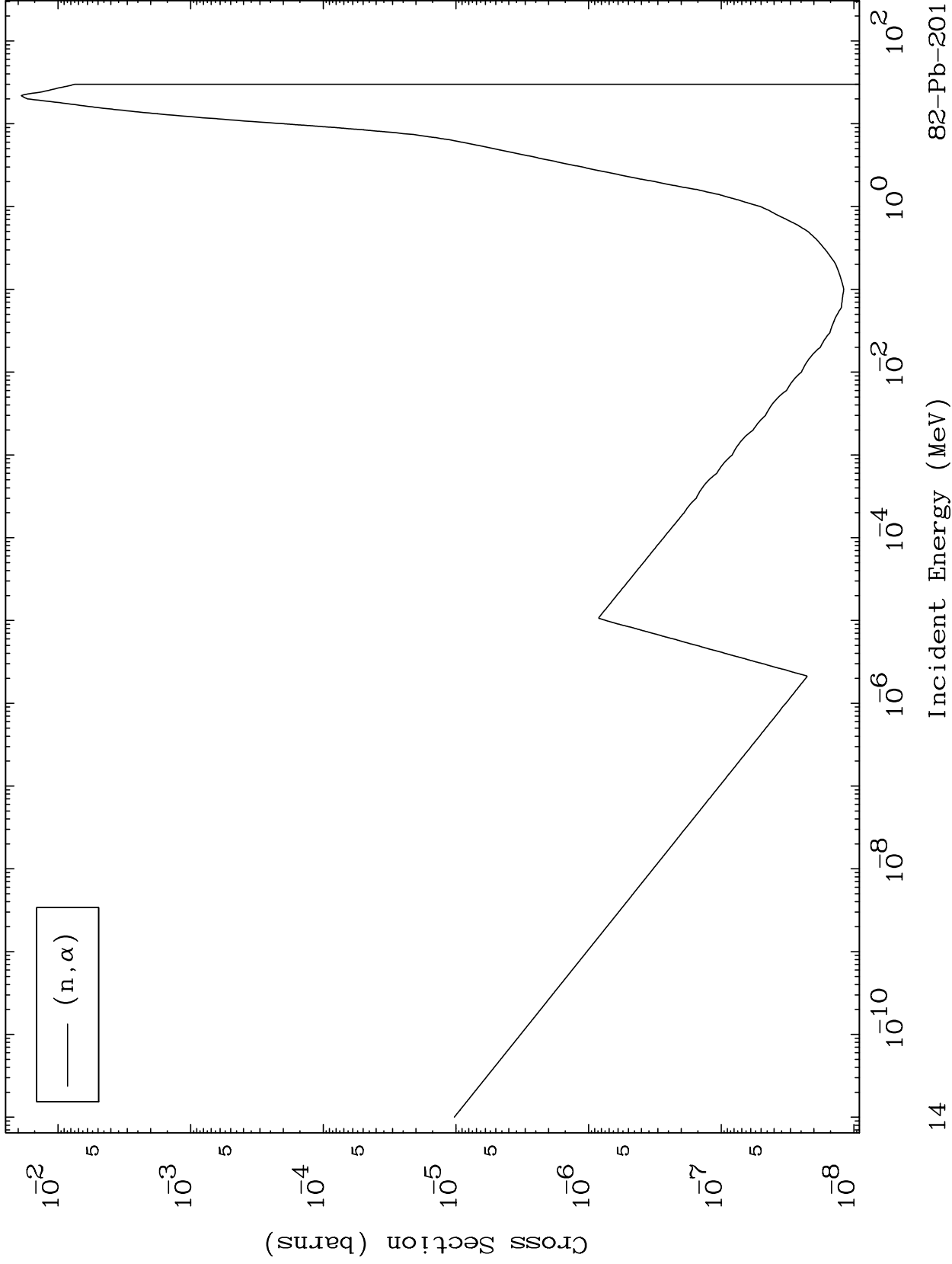
Incident Energy (MeV)

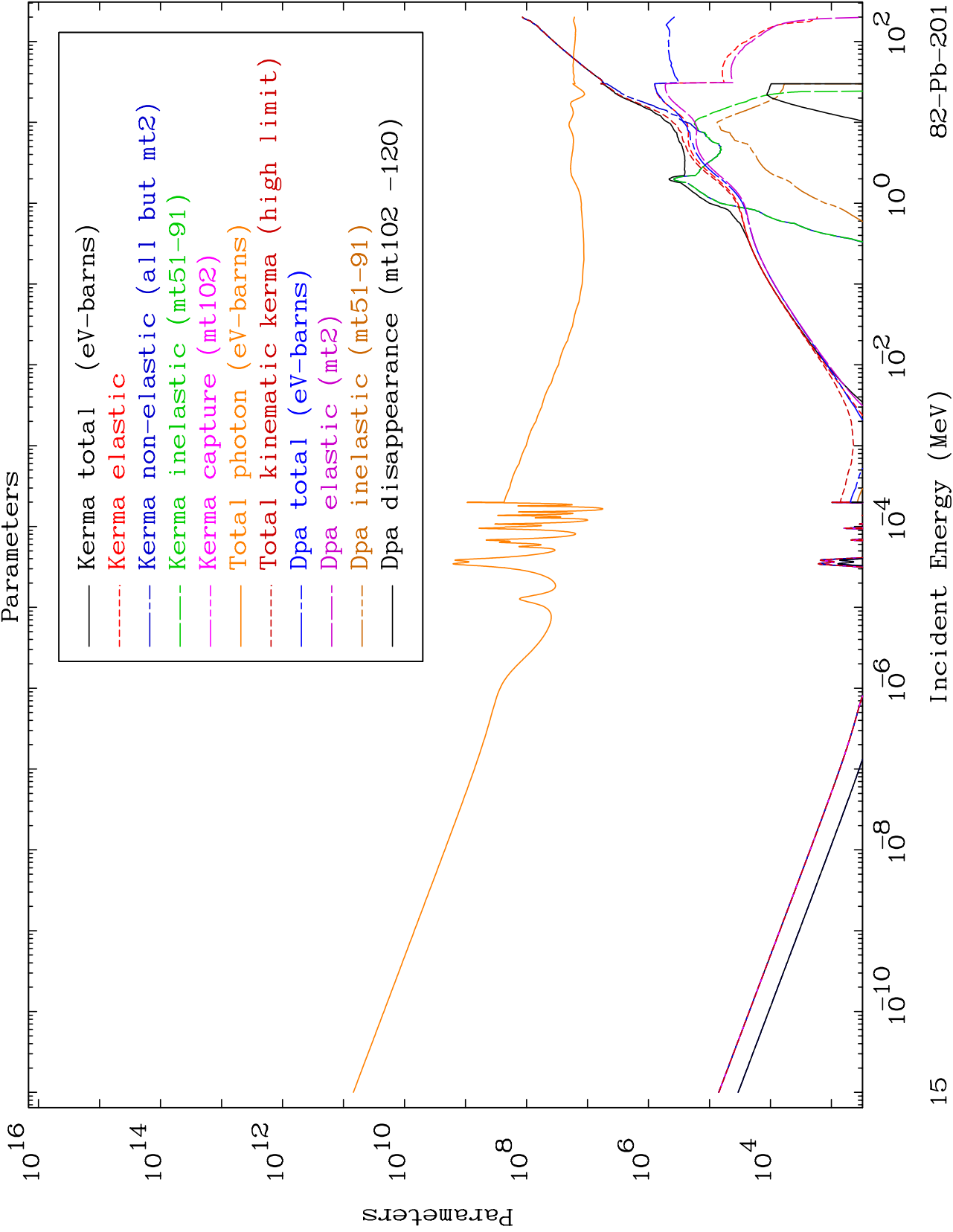
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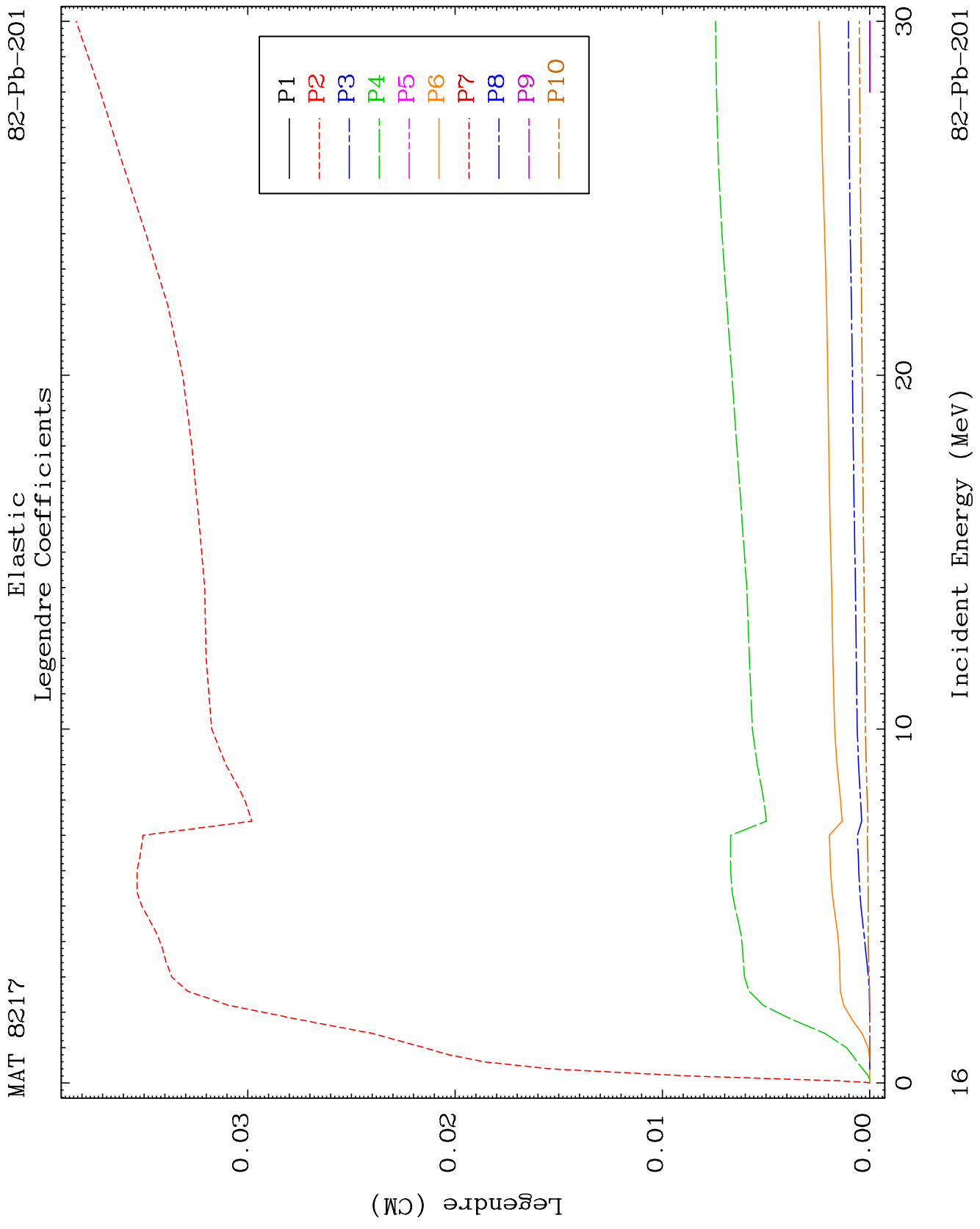
MAT 8217

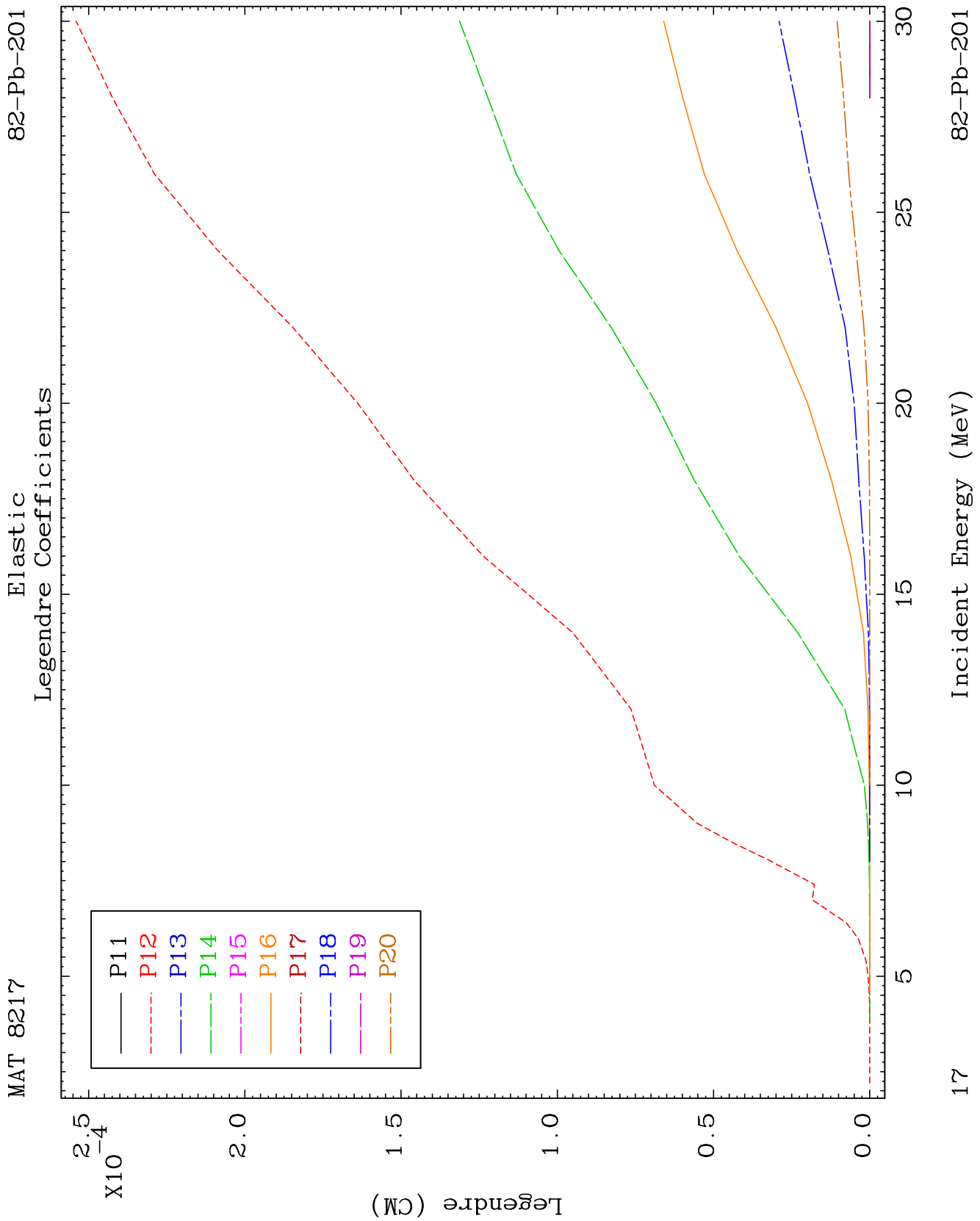
(n, α) Levels
293 Kelvin Cross Sections

82-Pb-201





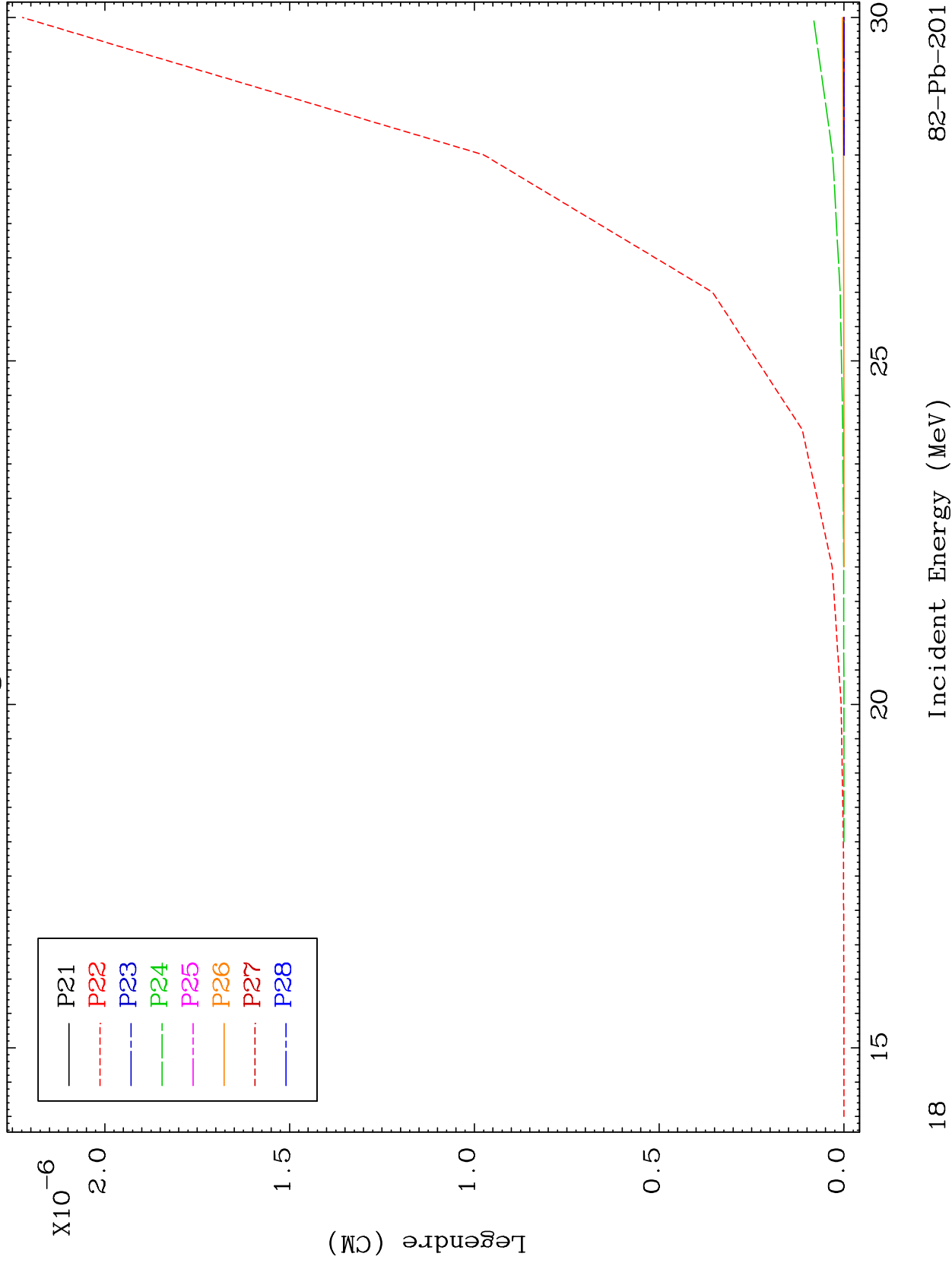




MAT 8217

Elastic Legendre Coefficients

82-Pb-201

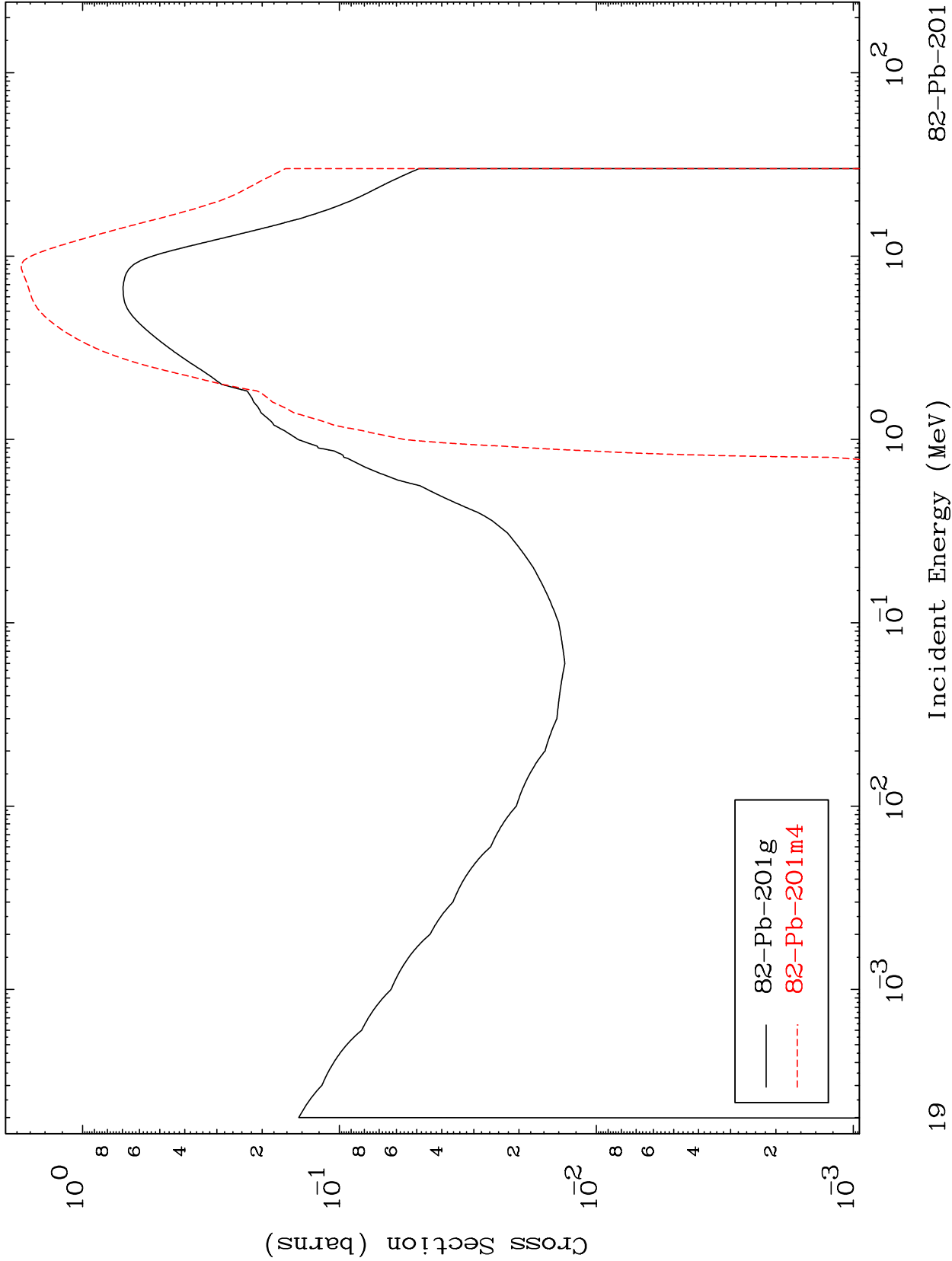


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MAT 8217

82-Pb-201

Inelastic
Radionuclide Production Cross Section

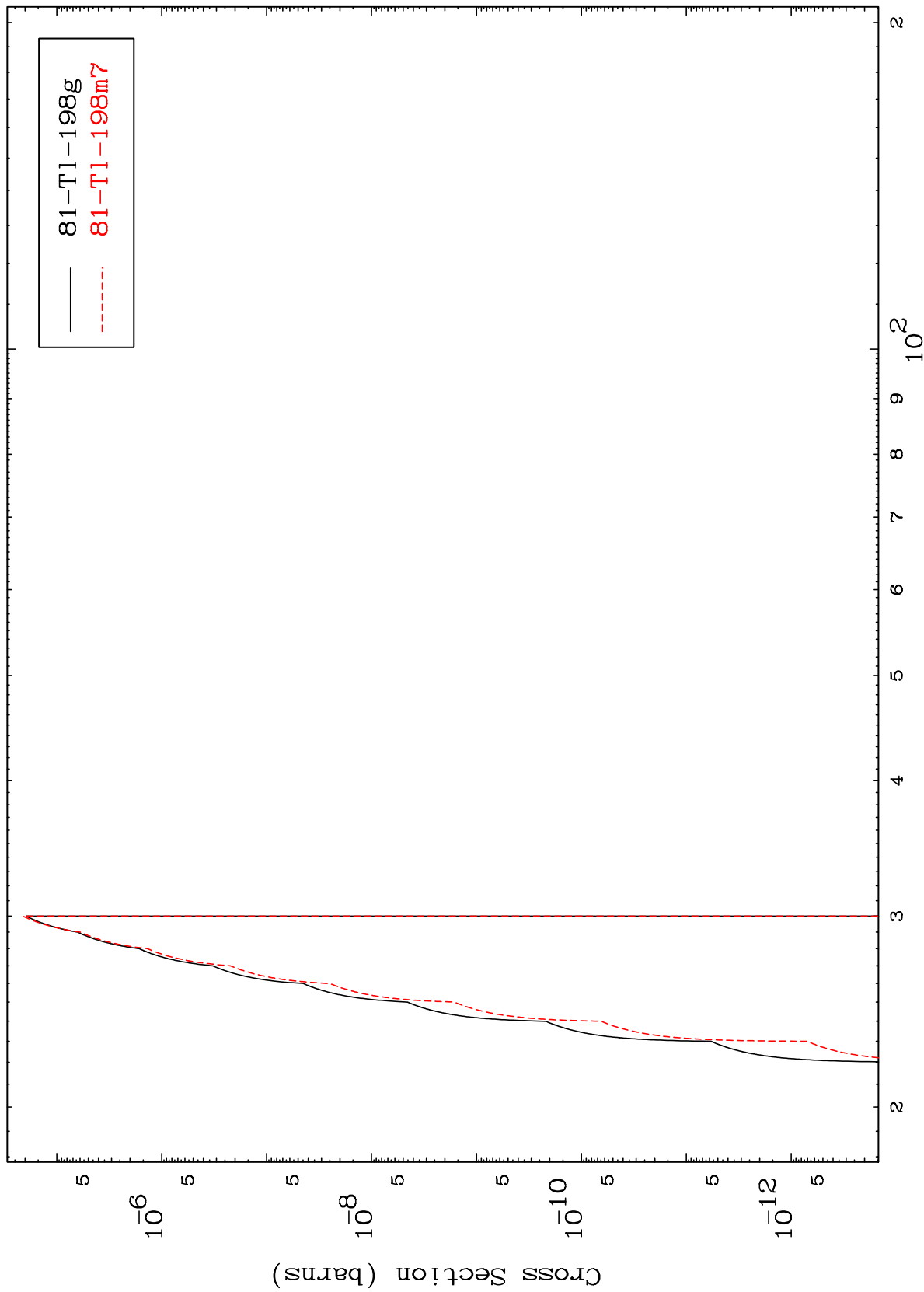


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(n,2n) d

82-Pb-201

Radionuclide Production Cross Section



20

Incident Energy (MeV)

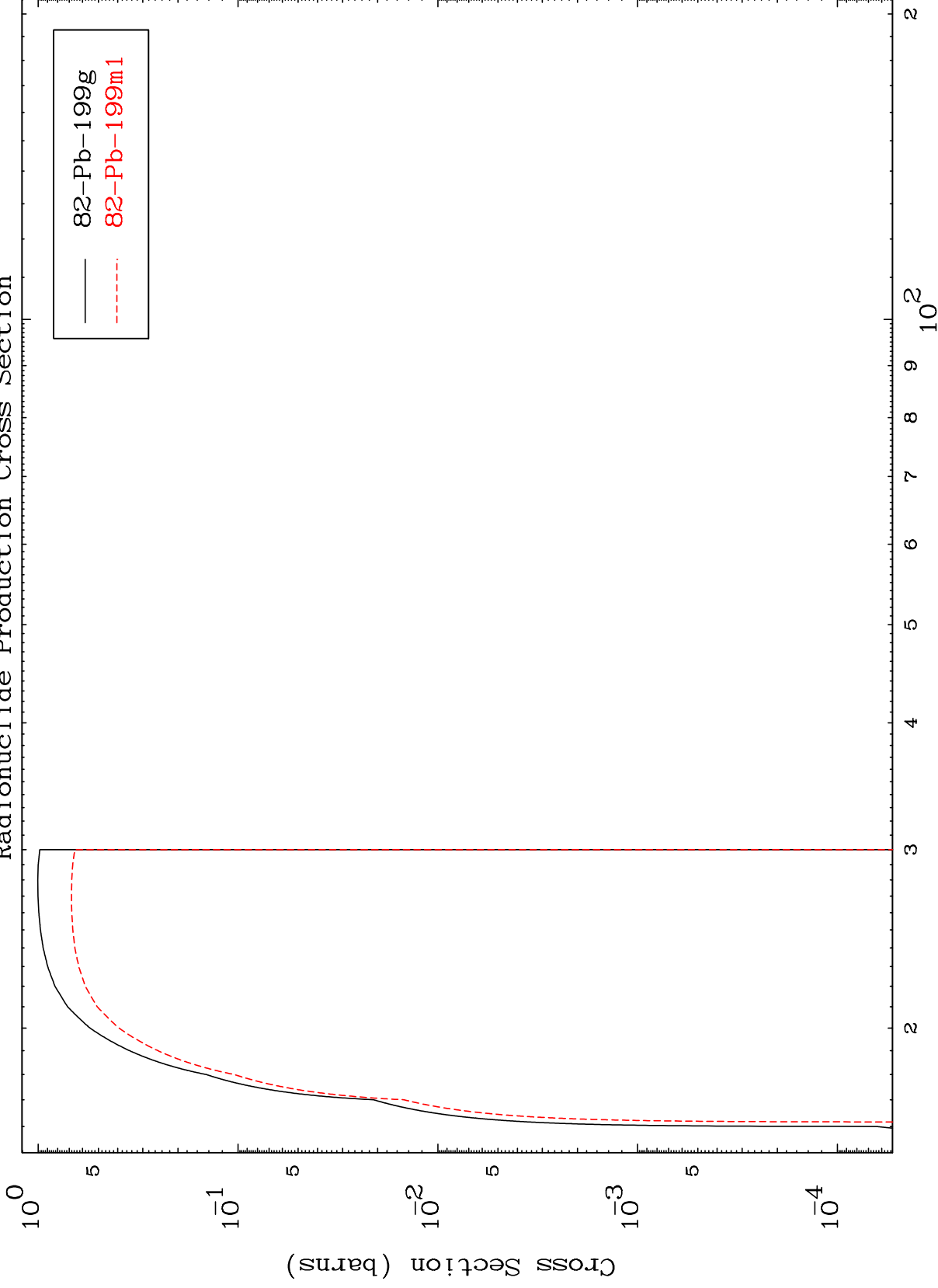
82-Pb-201

MAT 8217

(n,3n)

82-Pb-201

Radionuclide Production Cross Section



21

Incident Energy (MeV)

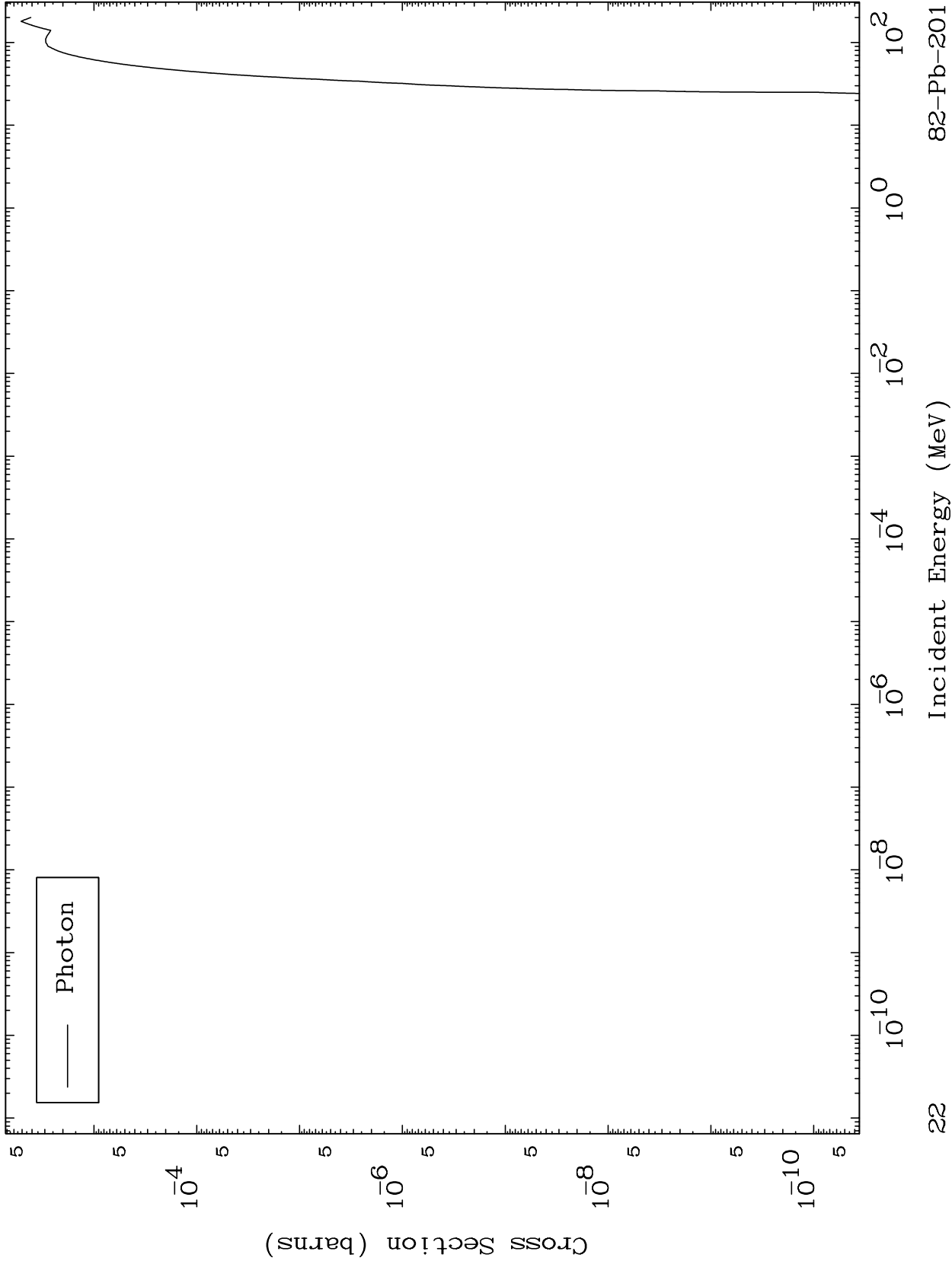
82-Pb-201

MAT 8217

Fission

82-Pb-201

Radionuclide Production Cross Section



22

Incident Energy (MeV)

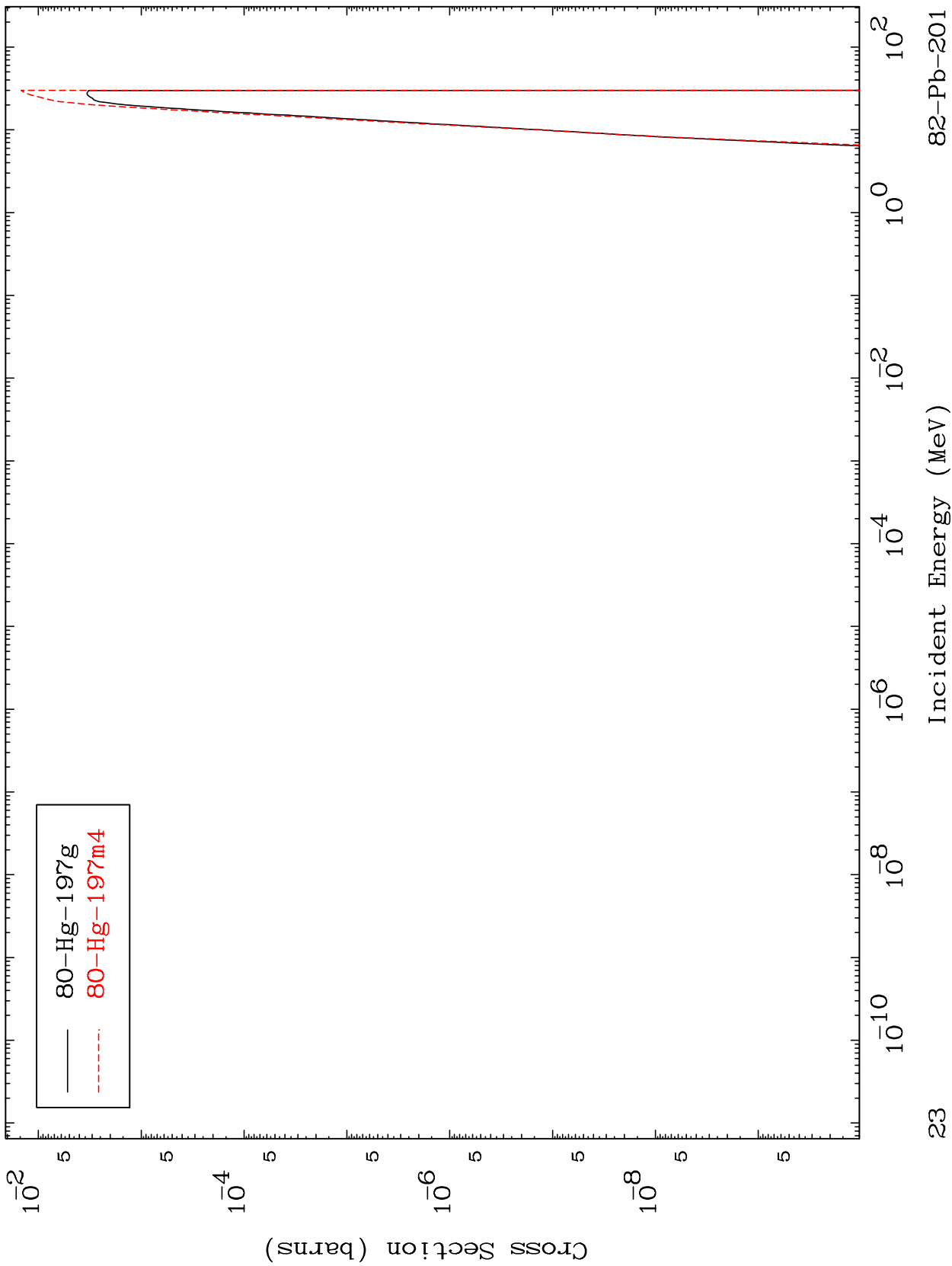
82-Pb-201

MAT 8217

$(n, n') \alpha$

82-Pb-201

Radionuclide Production Cross Section



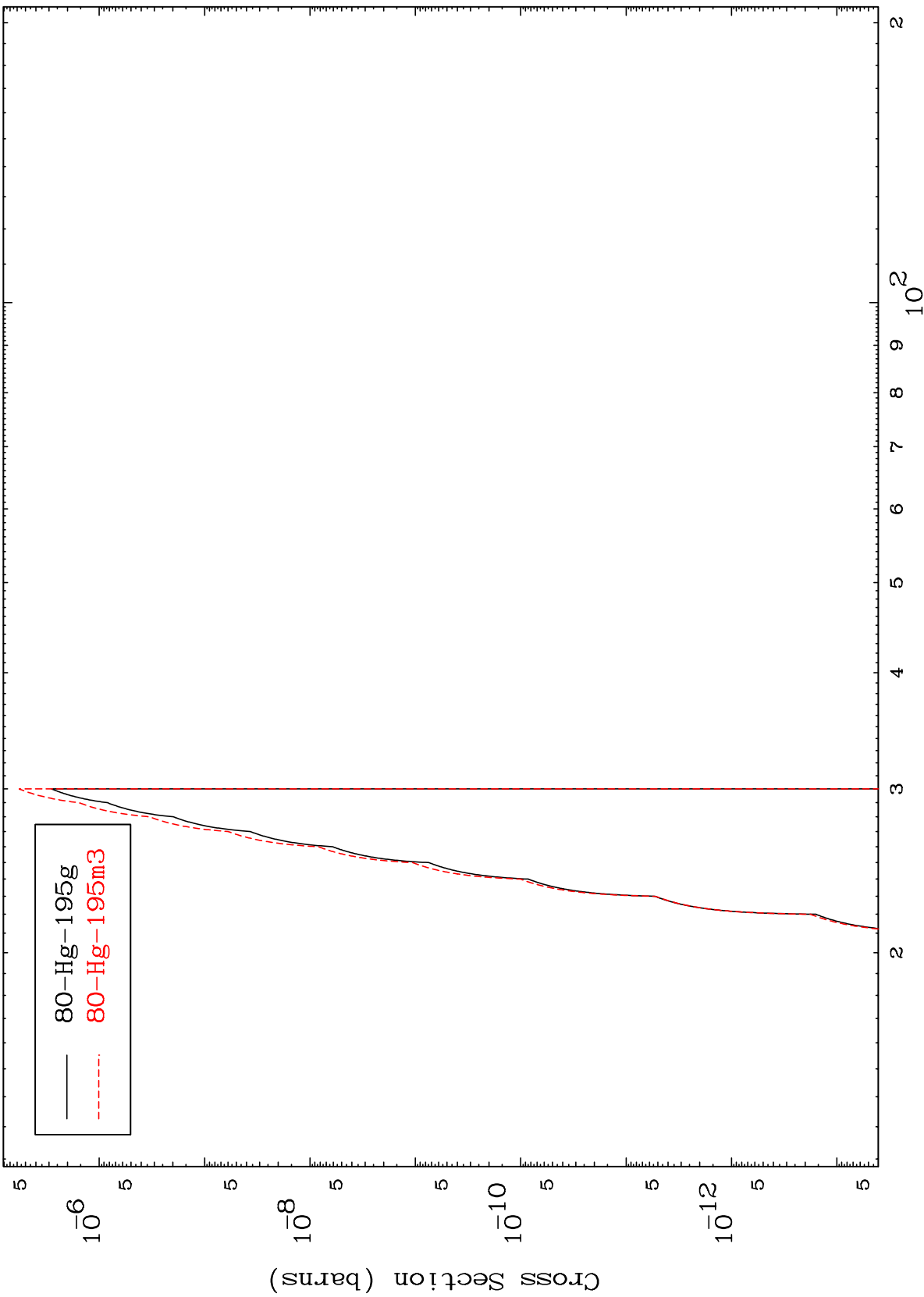
80-Hg-197g
80-Hg-197m4

MAT 8217

(n,3n) α

82-Pb-201

Radionuclide Production Cross Section



24

Incident Energy (MeV)

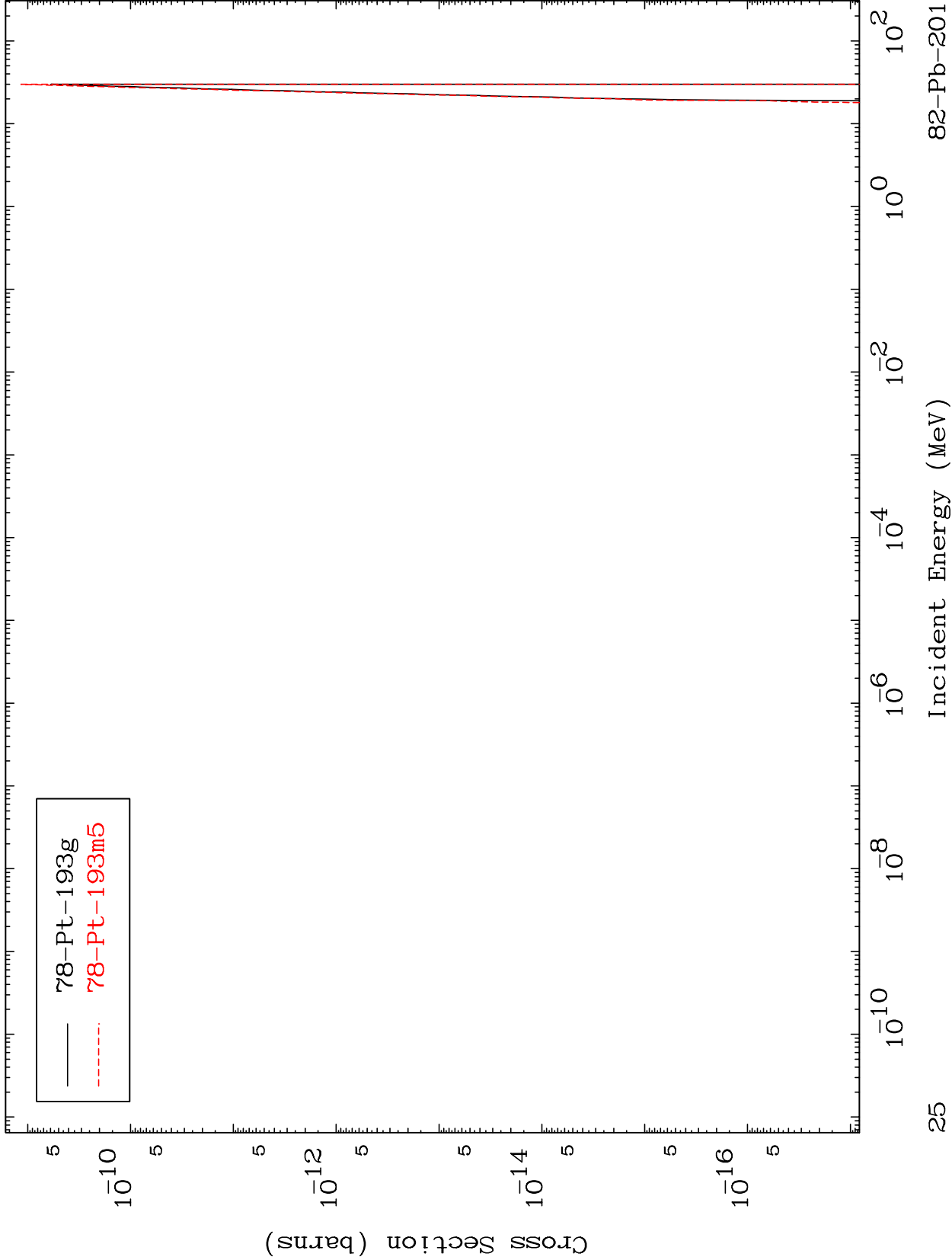
82-Pb-201

MAT 8217

(n,n') 2 α

82-Pb-201

Radionuclide Production Cross Section

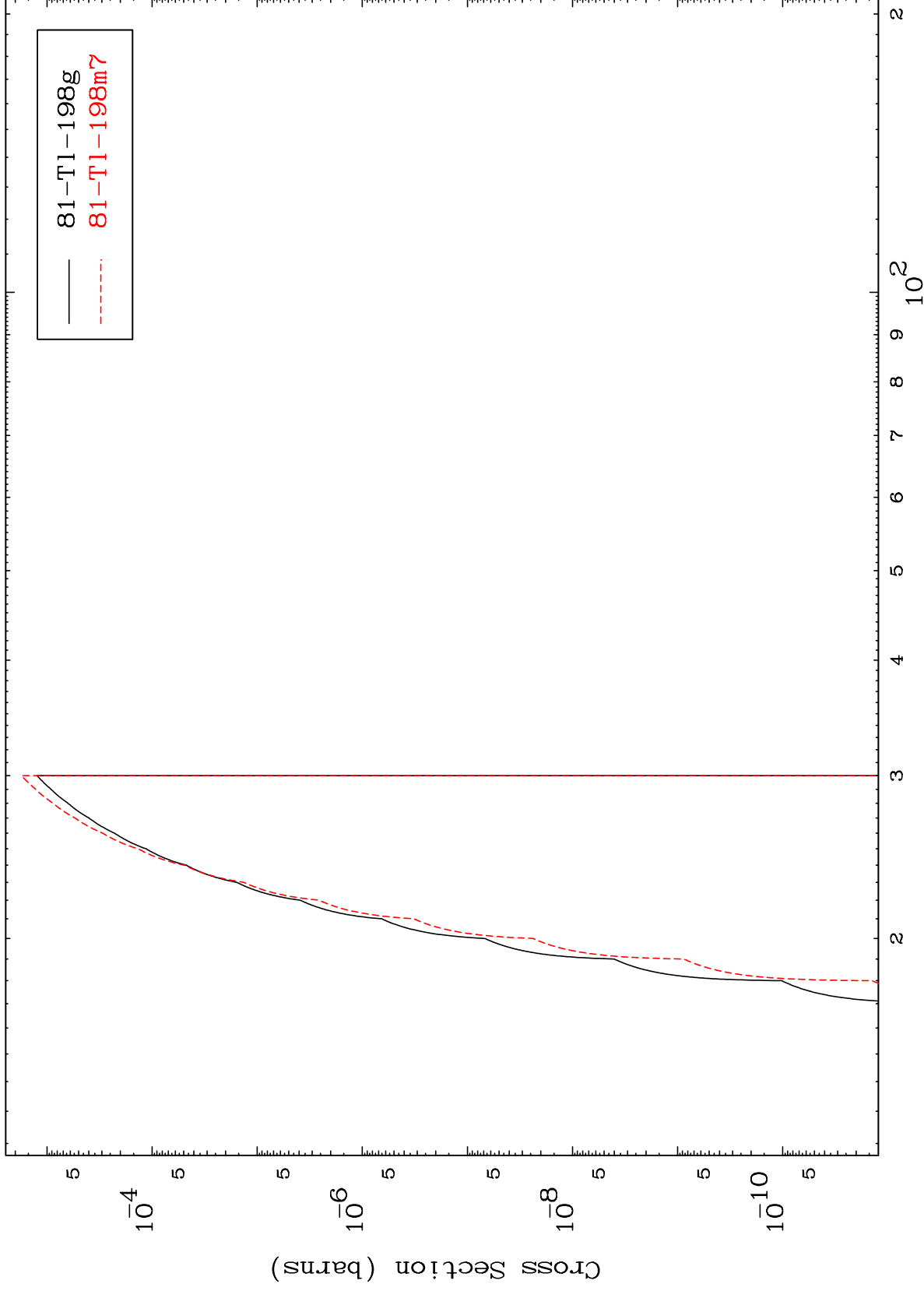


25

Incident Energy (MeV)

82-Pb-201

Radionuclide Production Cross Section

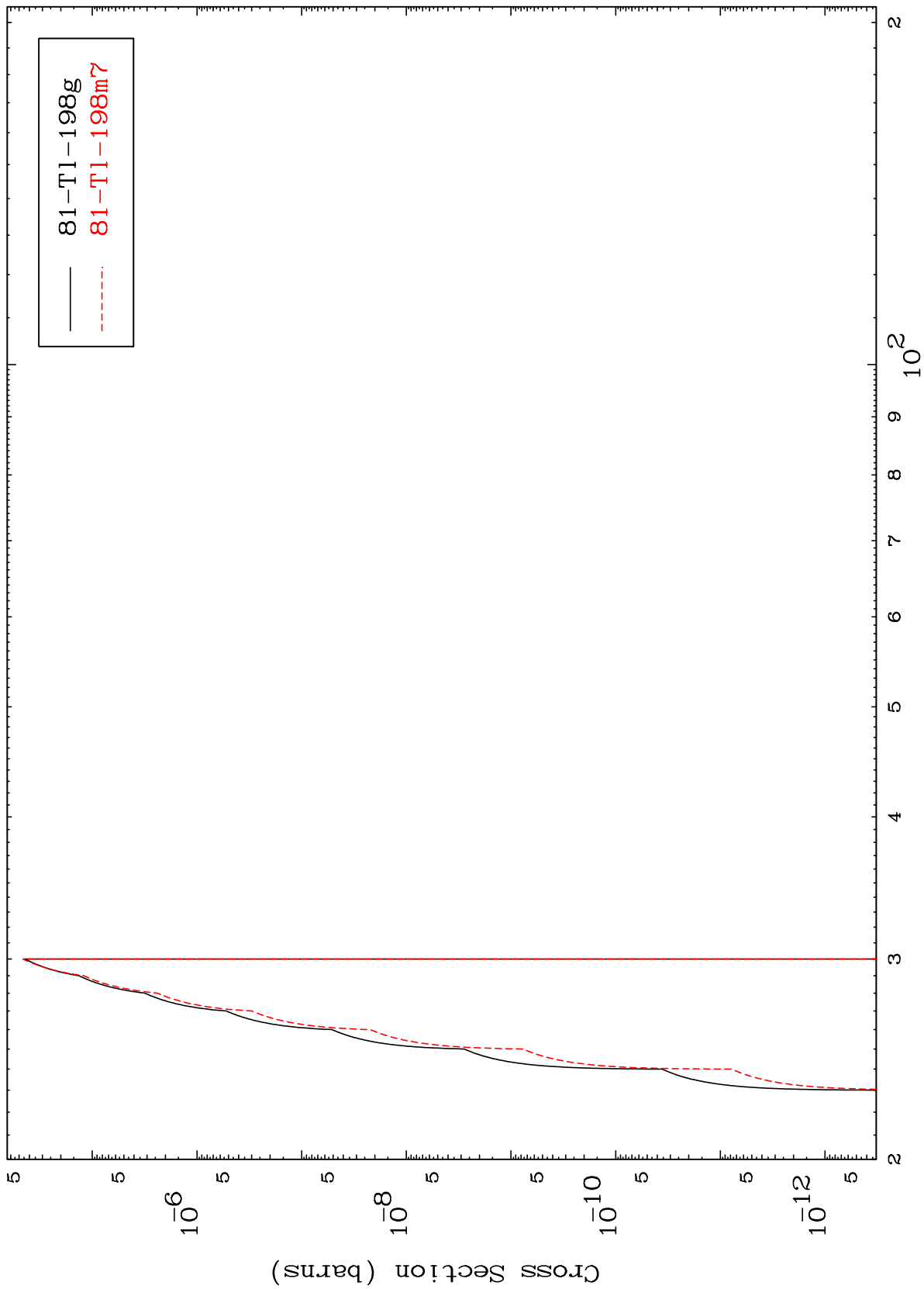


MAT 8217

(n,3n) p

82-Pb-201

Radionuclide Production Cross Section



27

Incident Energy (MeV)

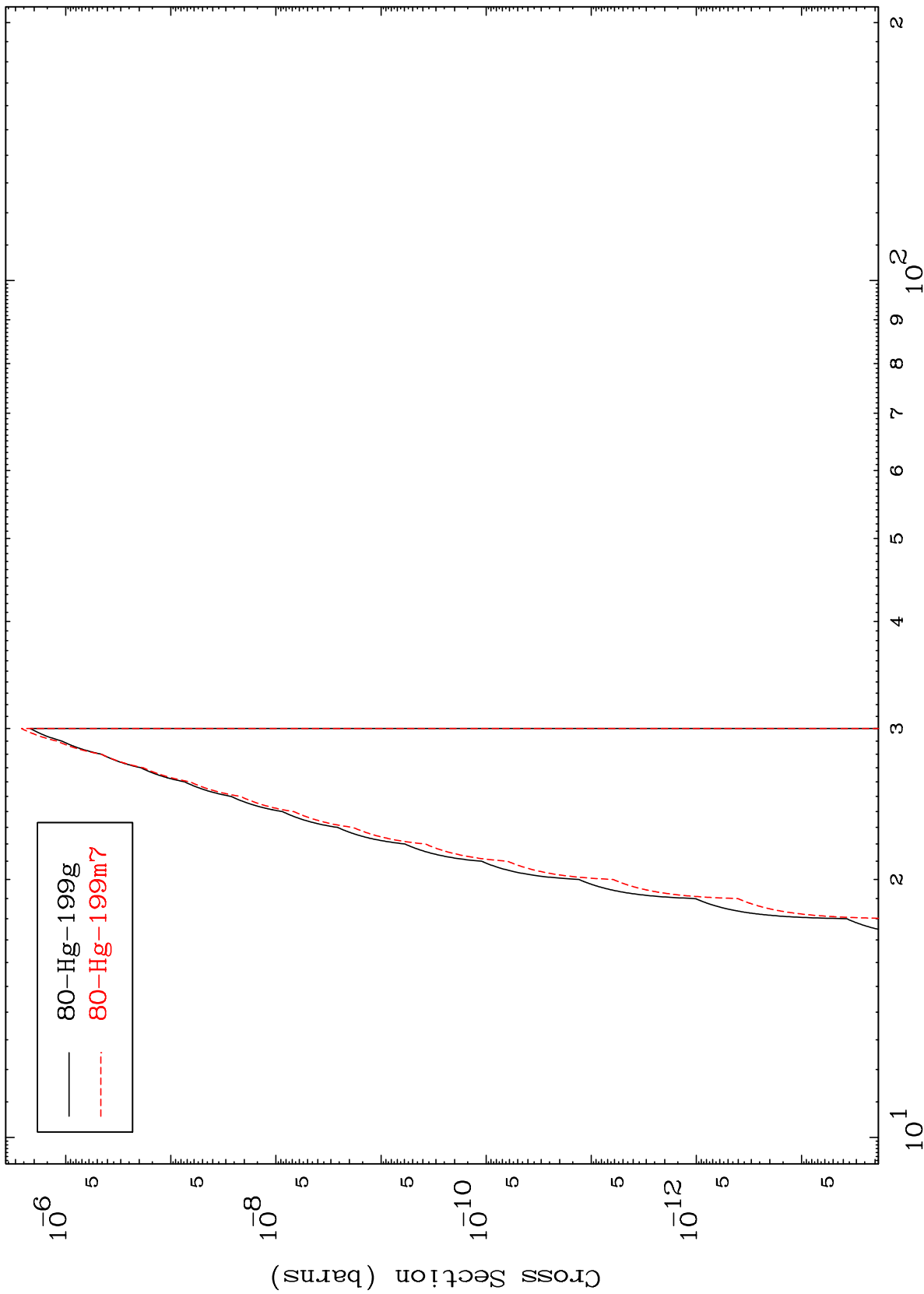
82-Pb-201

MAT 8217

(n,2n) p

82-Pb-201

Radionuclide Production Cross Section

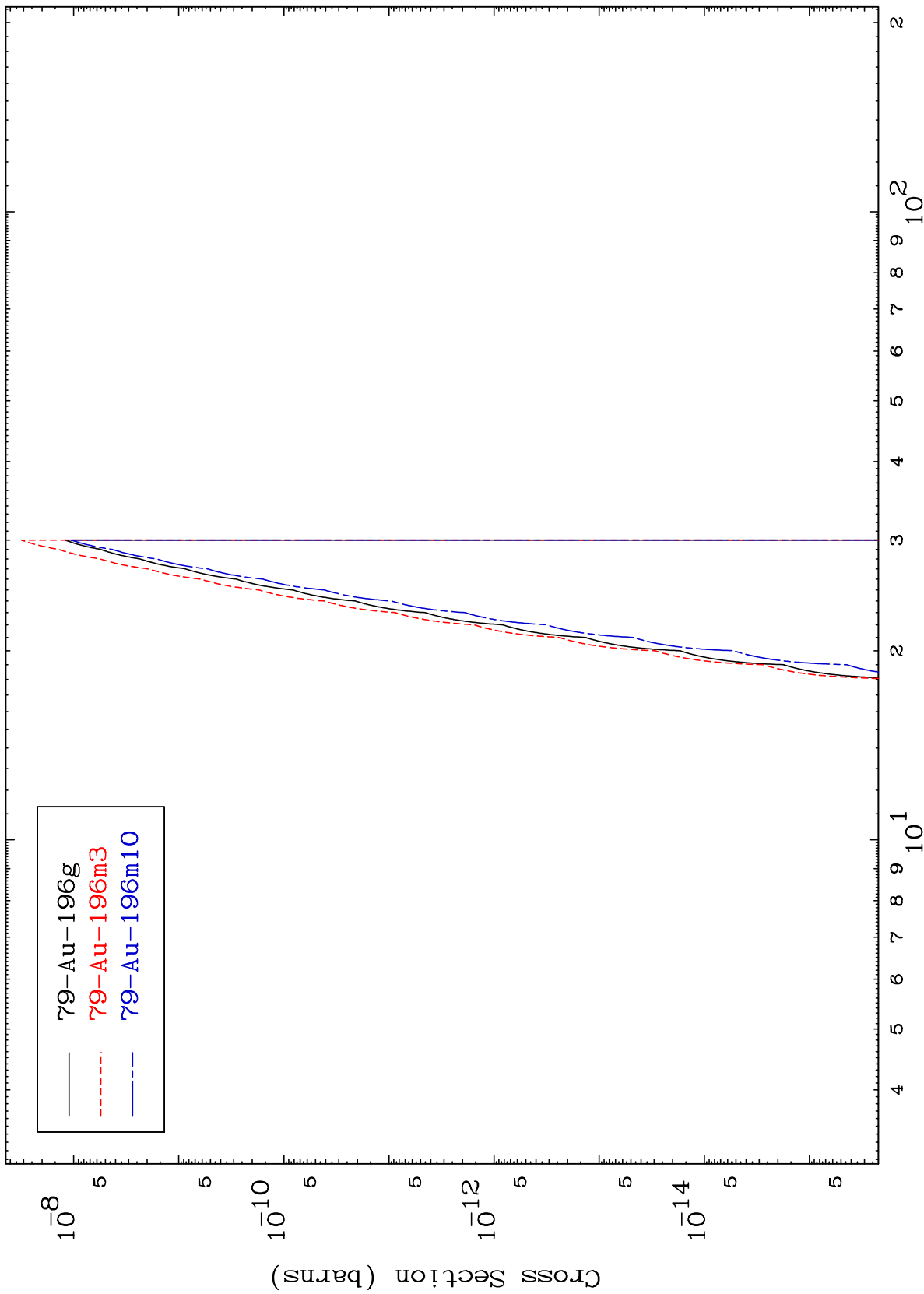


28

Incident Energy (MeV)

82-Pb-201

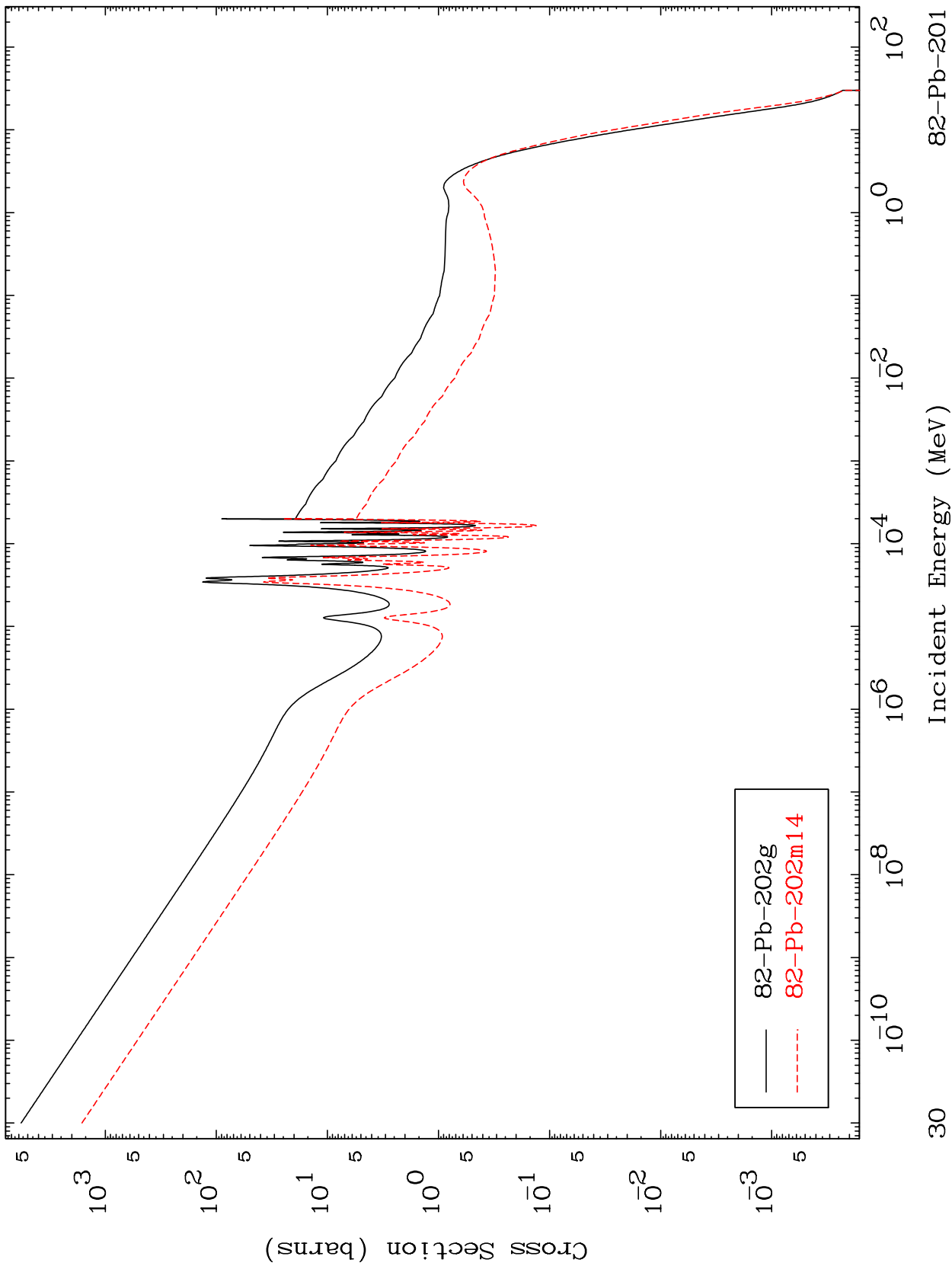
Radionuclide Production Cross Section



MAT 8217

82-Pb-201

(n, γ)
Radionuclide Production Cross Section

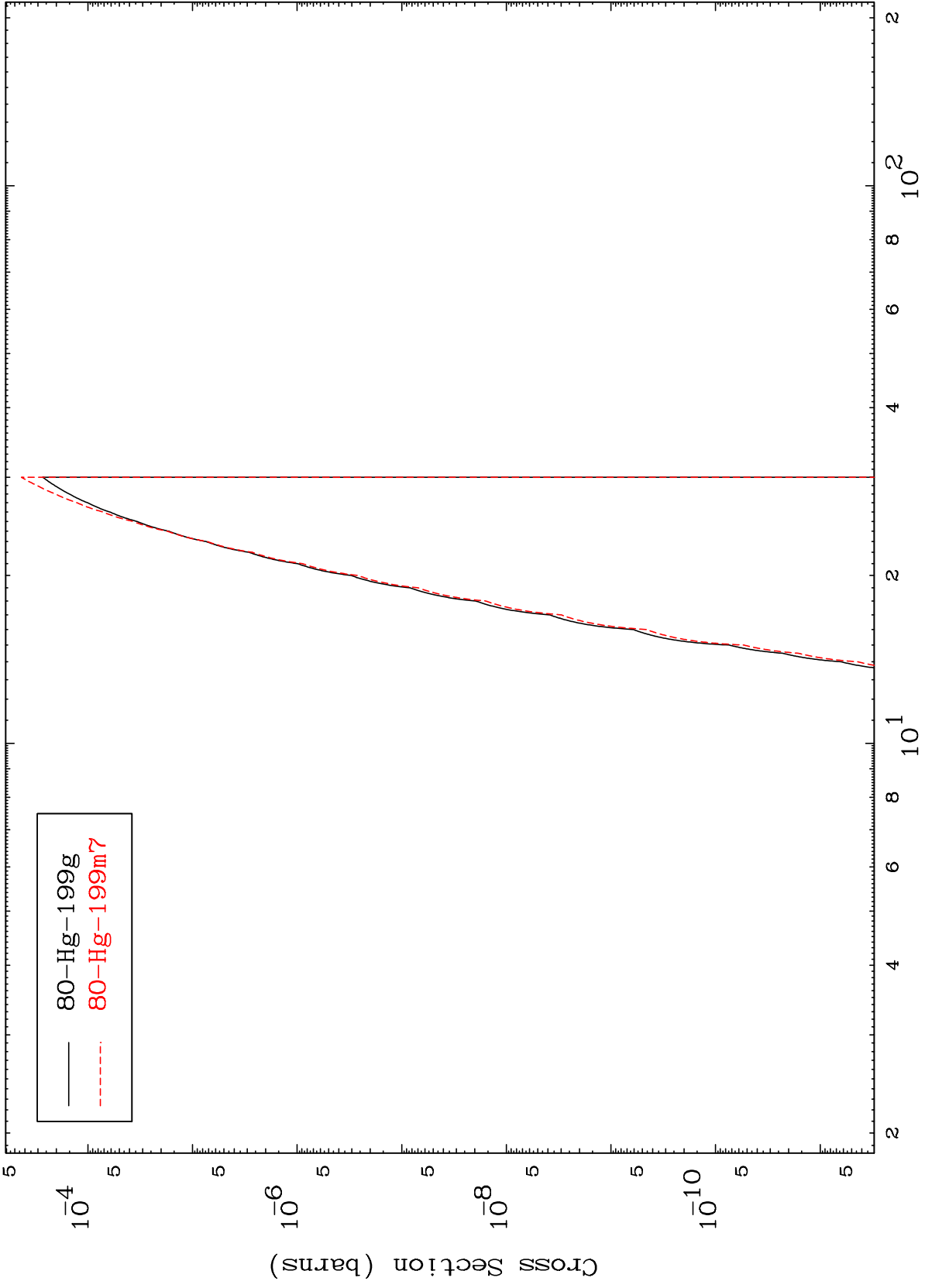


MAT 8217

(n,He-3)

82-Pb-201

Radionuclide Production Cross Section



80-Hg-199g
80-Hg-199m7

31

Incident Energy (MeV)

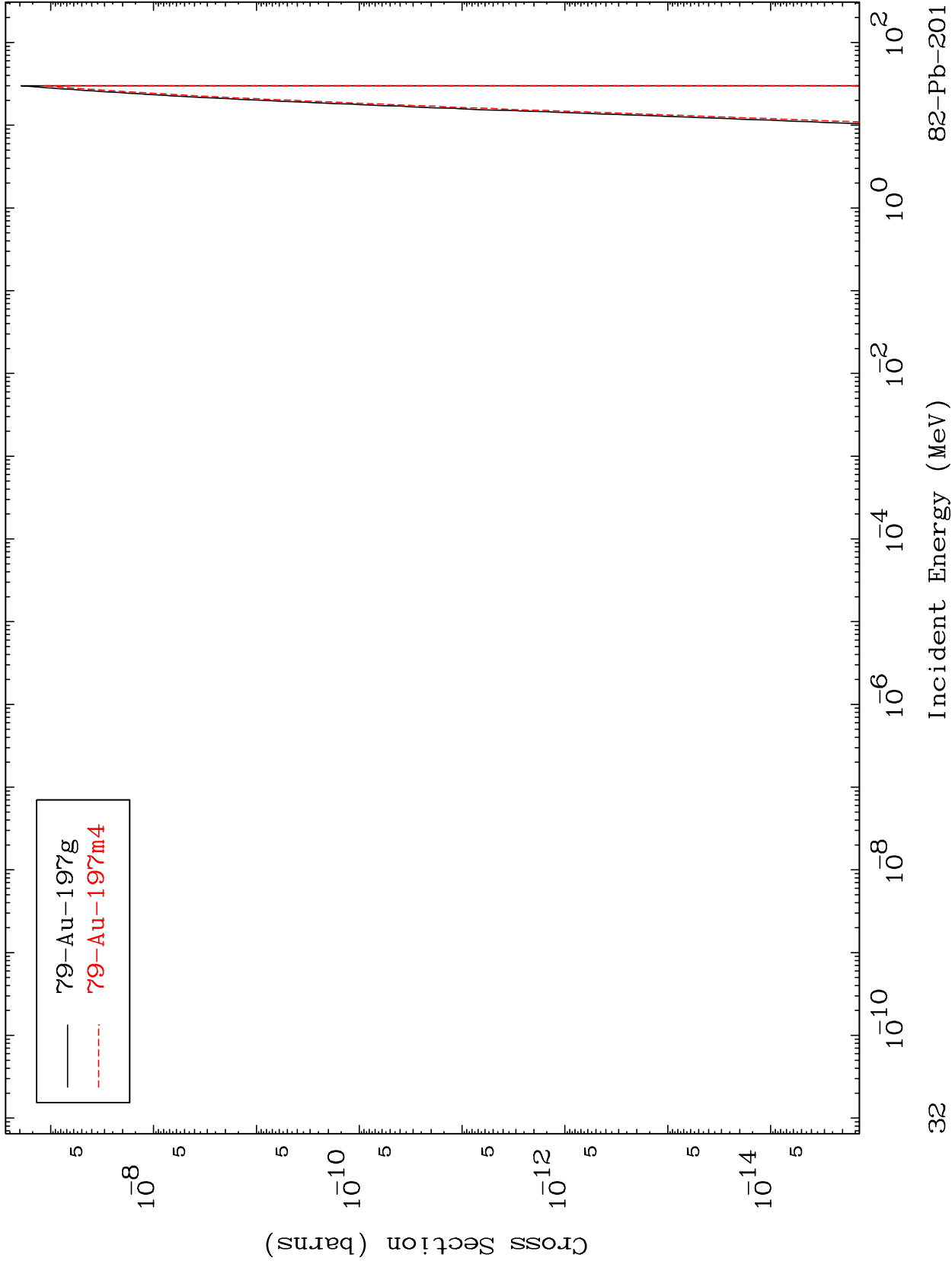
82-Pb-201

MAT 8217

(n,p) α

82-Pb-201

Radionuclide Production Cross Section

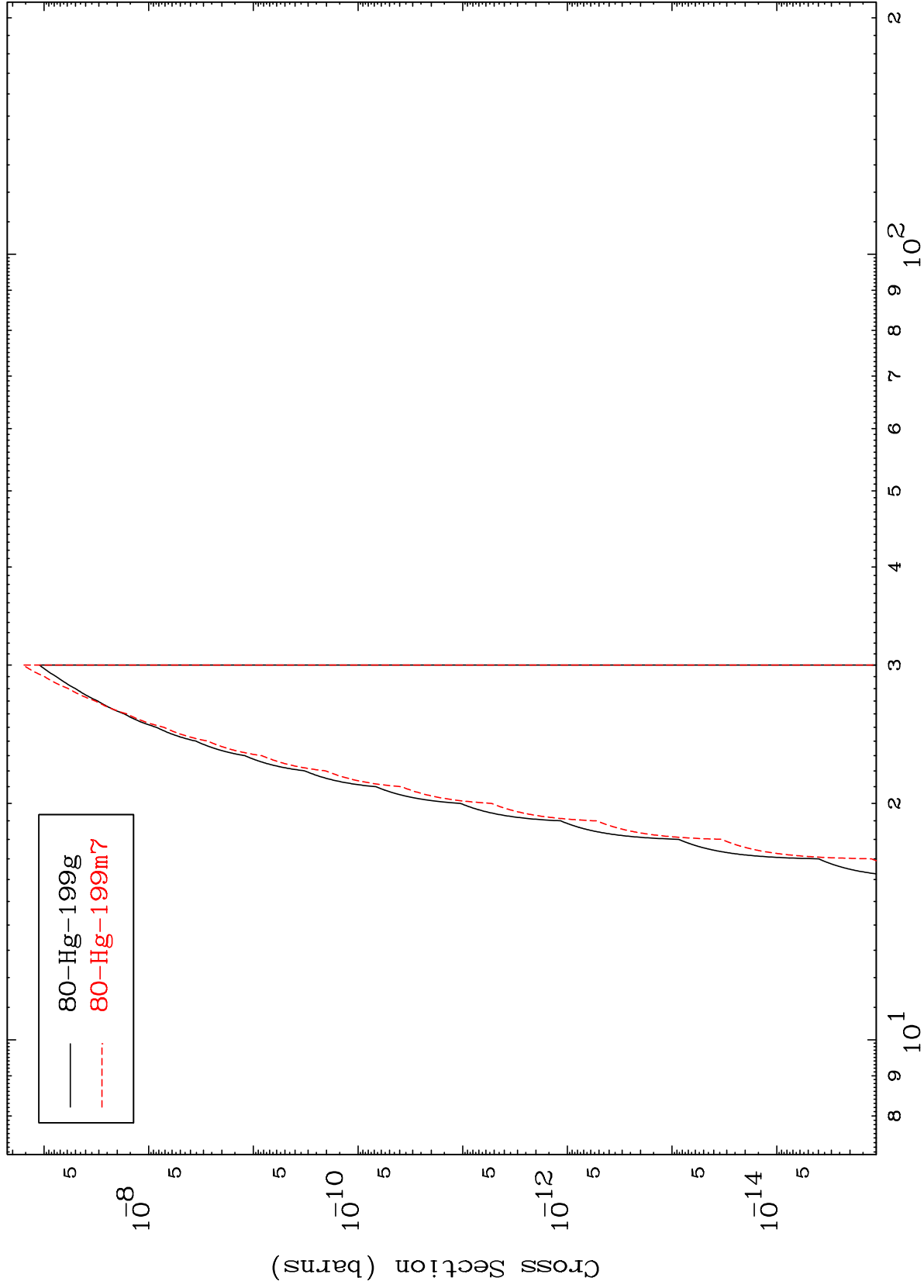


MAT 8217

(n,p) d

82-Pb-201

Radionuclide Production Cross Section



33

Incident Energy (MeV)

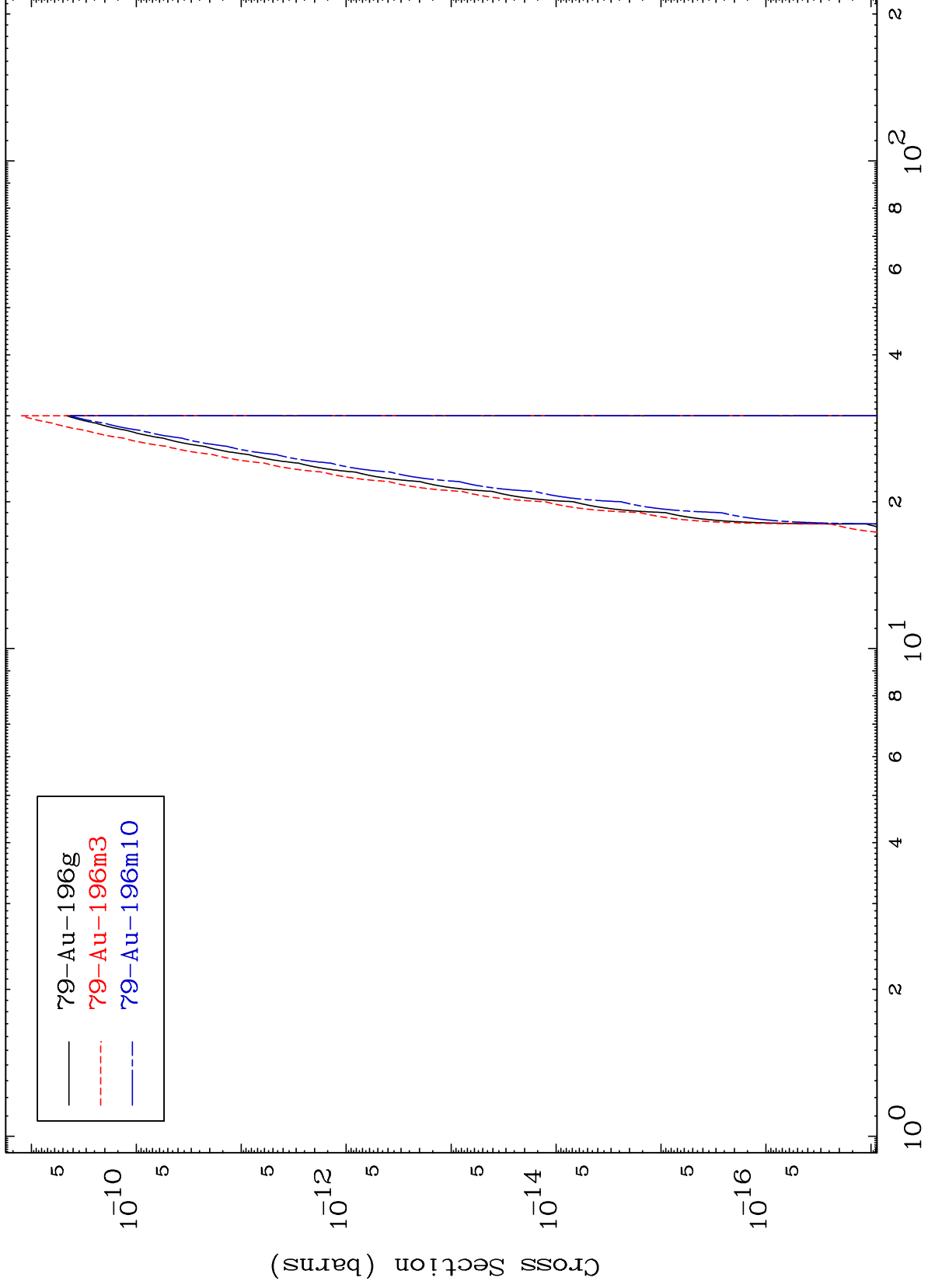
82-Pb-201

MAT 8217

(n,d) α

82-Pb-201

Radionuclide Production Cross Section



34

Incident Energy (MeV)

82-Pb-201