

Program EVALPLOT
(Version 2021-1)

by

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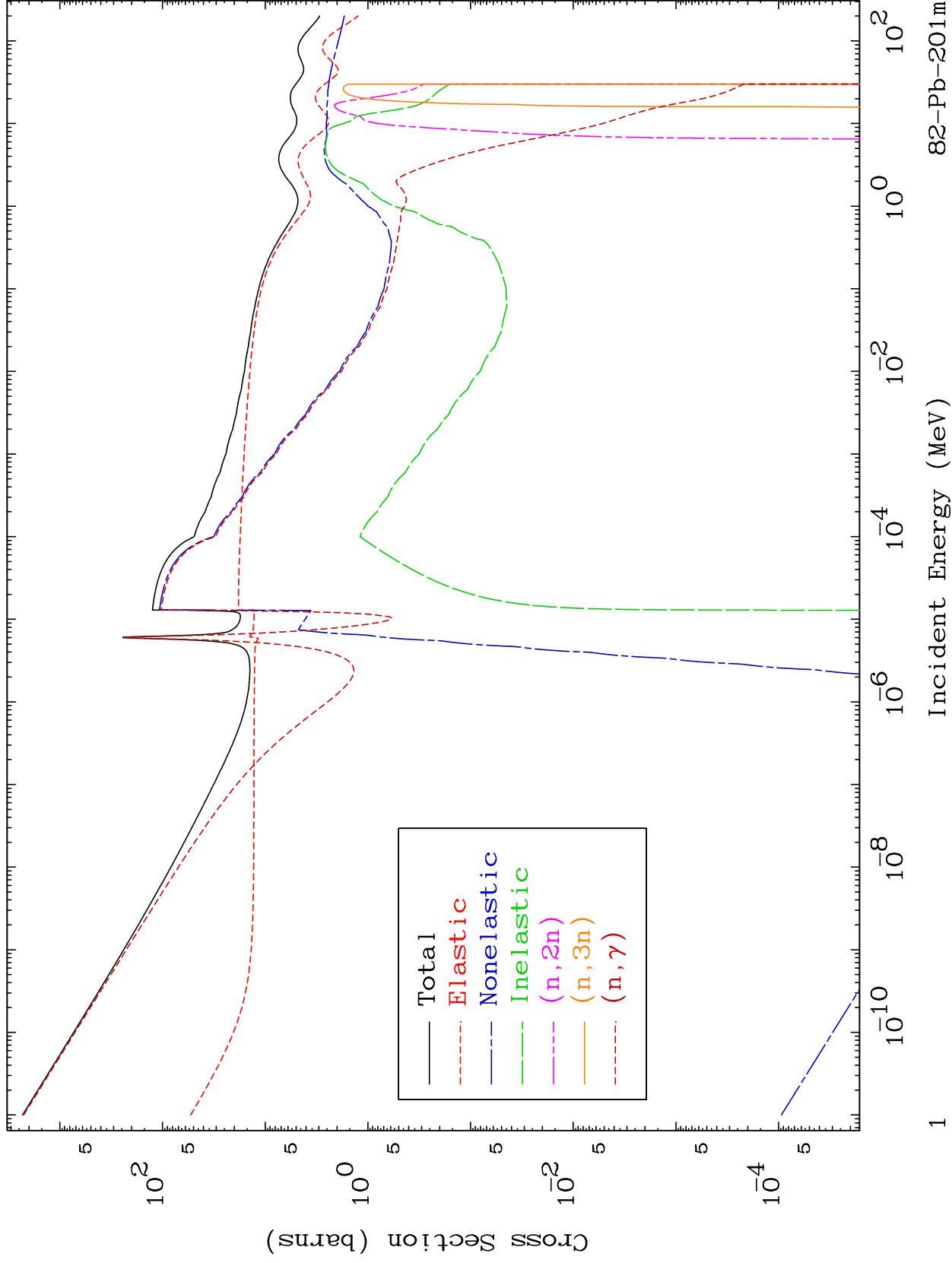
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8217

Neutron Major
293 Kelvin Cross Sections

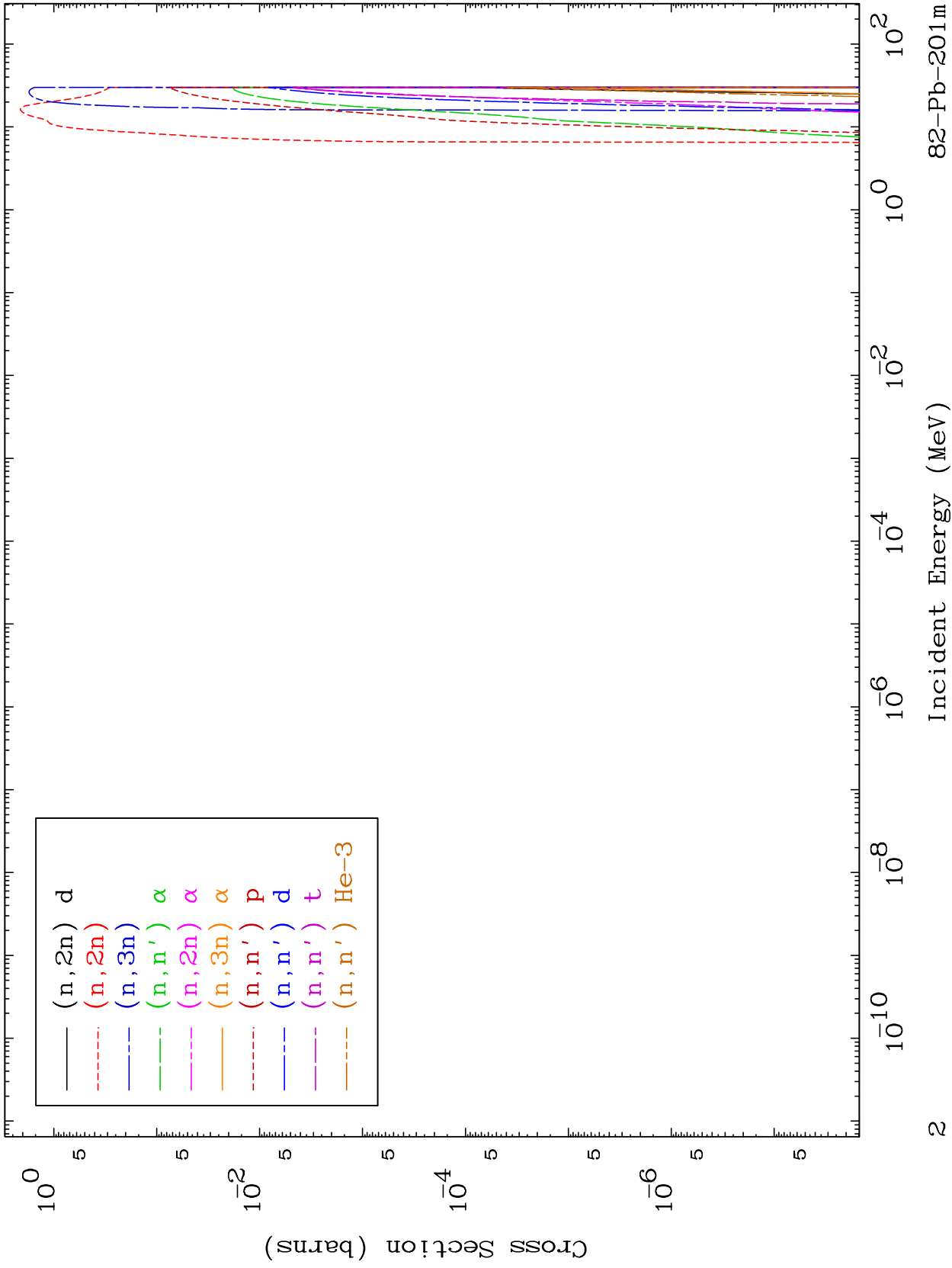
82-Pb-201m



MAT 8217

Neutron Absorption
293 Kelvin Cross Sections

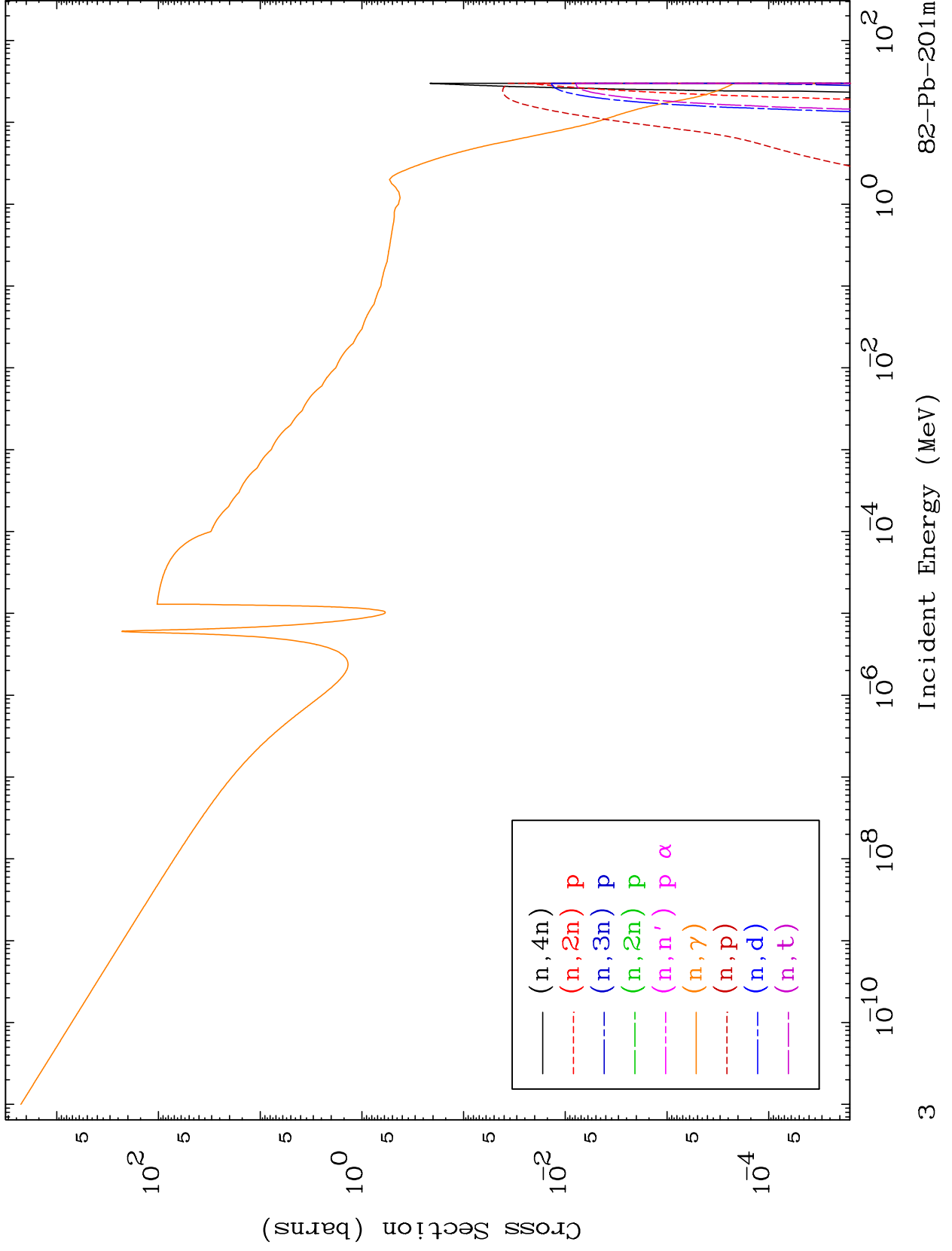
82-Pb-201m



MAT 8217

Neutron Absorption
293 Kelvin Cross Sections

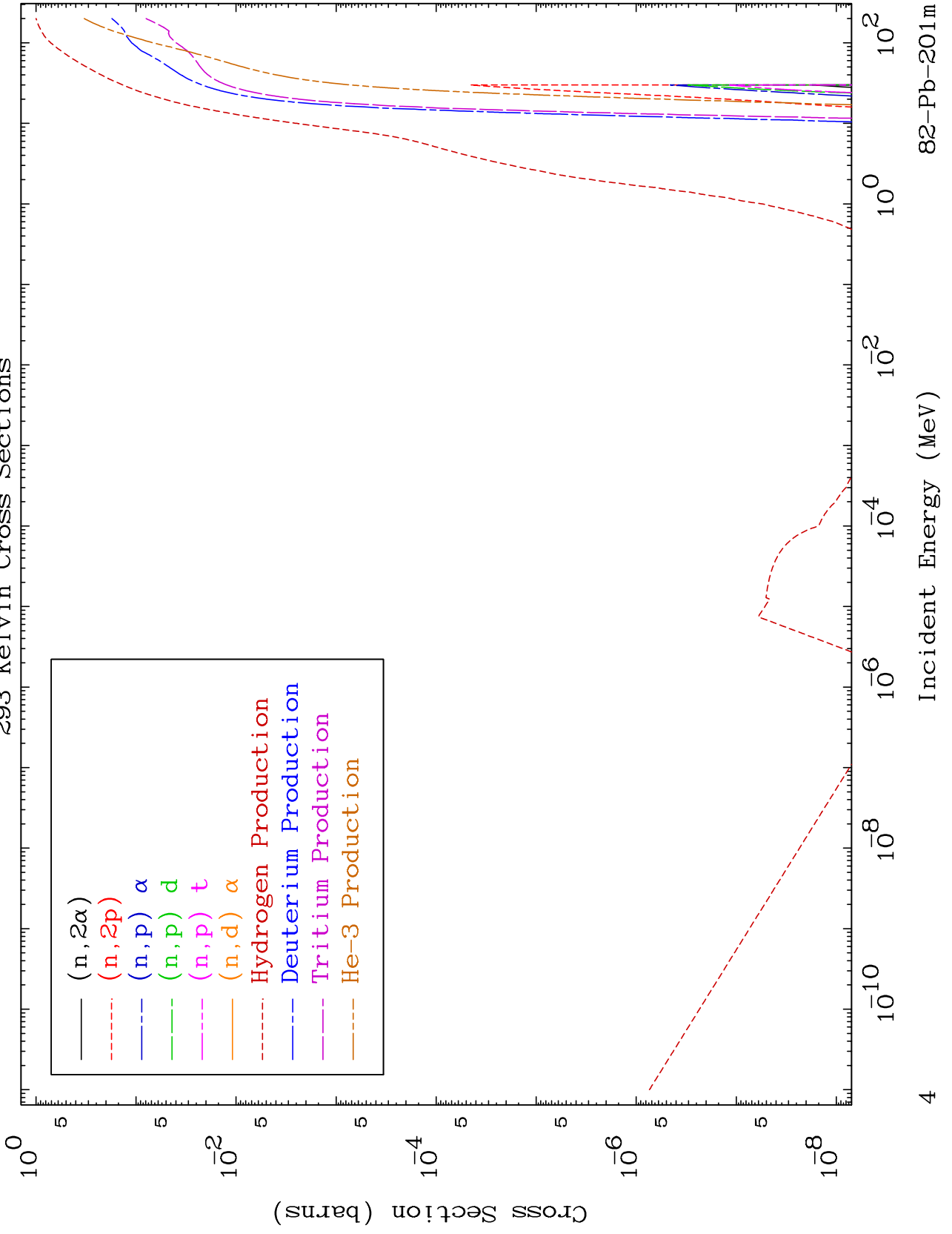
82-Pb-201m



MAT 8217

Neutron Absorption
293 Kelvin Cross Sections

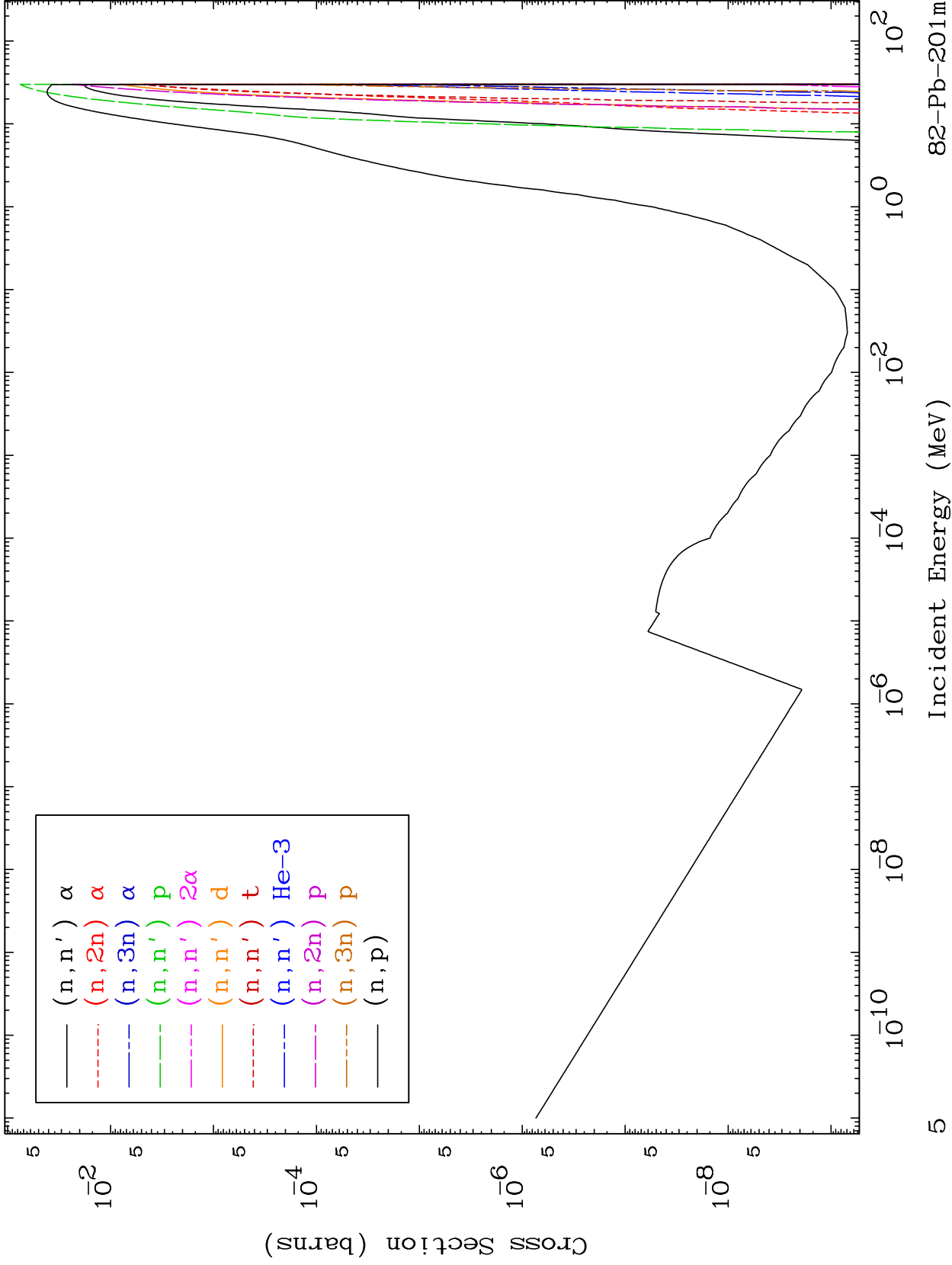
82-Pb-201m



MAT 8217

Charged Particle
293 Kelvin Cross Sections

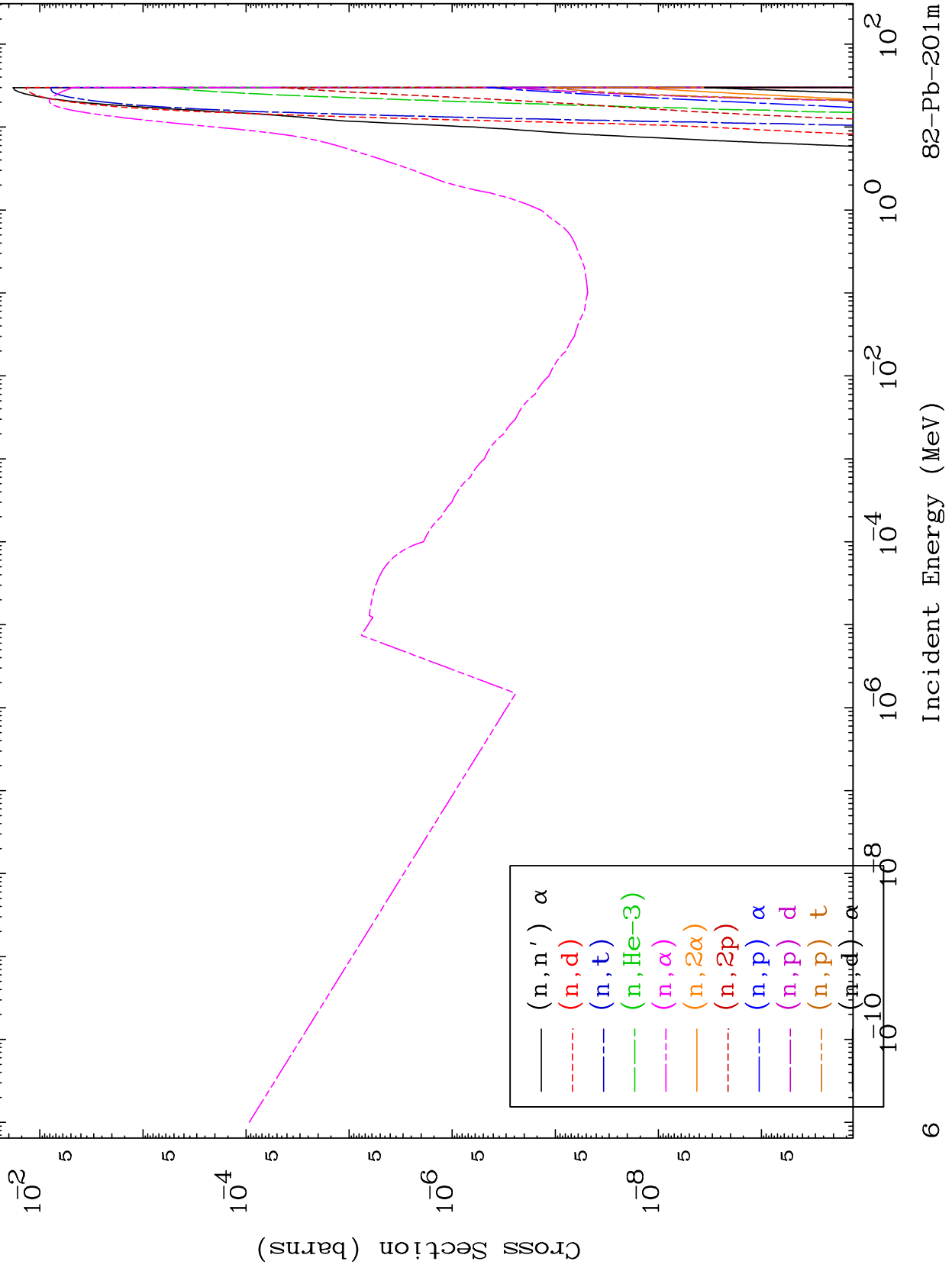
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MAT 8217

Charged Particle
293 Kelvin Cross Sections

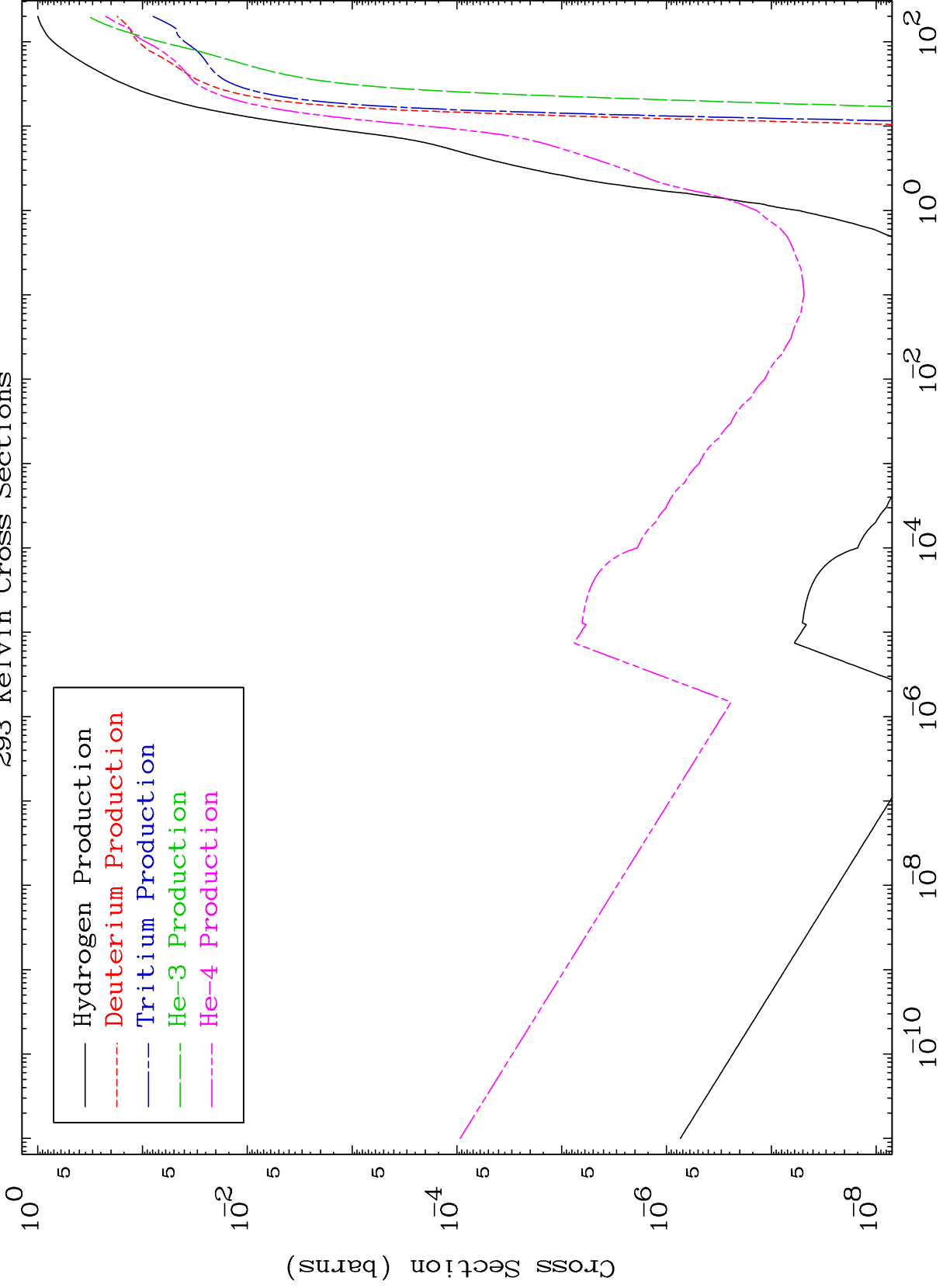
82-Pb-201m



MAT 8217

Particle Production
293 Kelvin Cross Sections

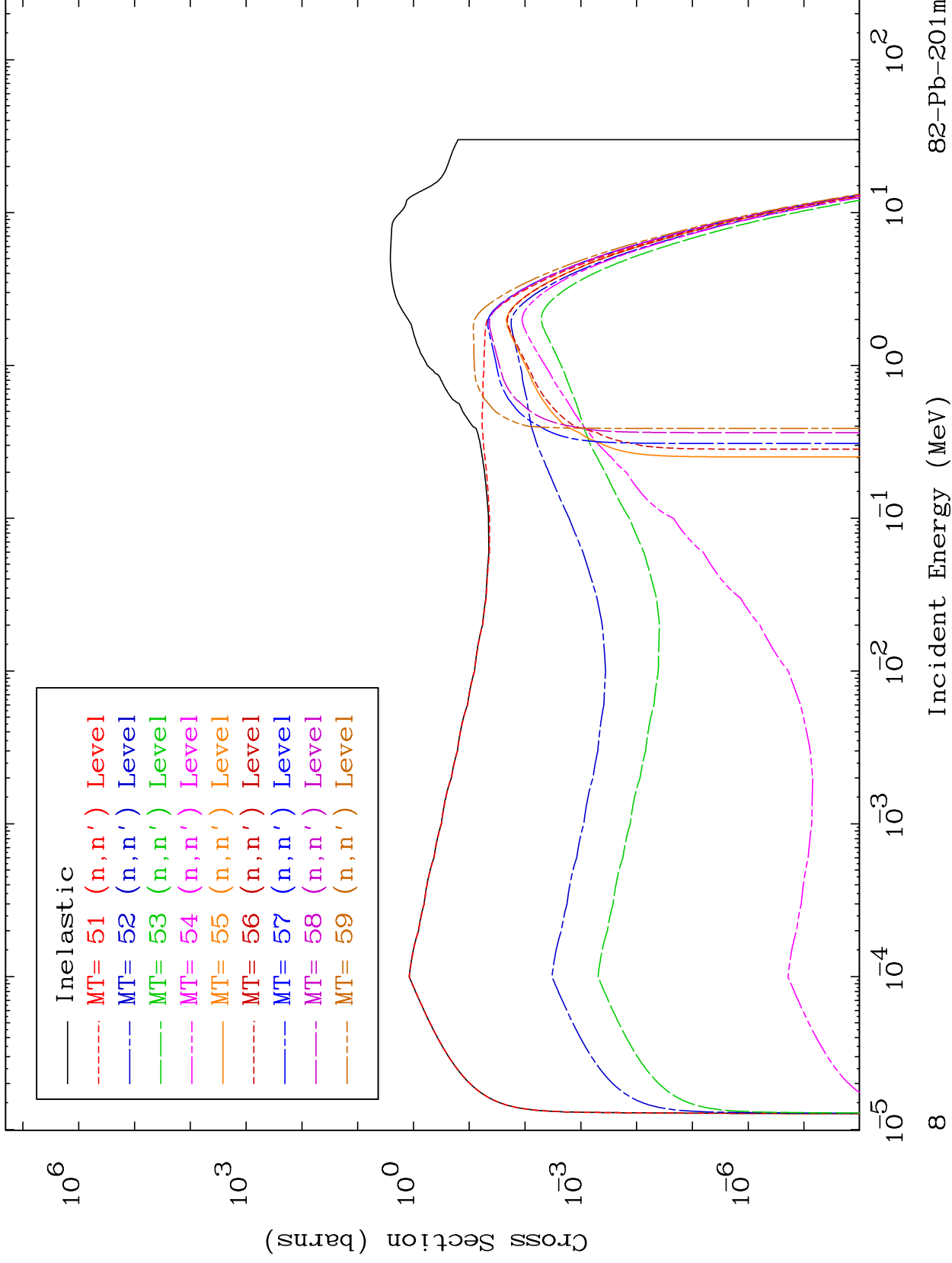
82-Pb-201m



MAT 8217

(n,n') Levels
293 Kelvin Cross Sections

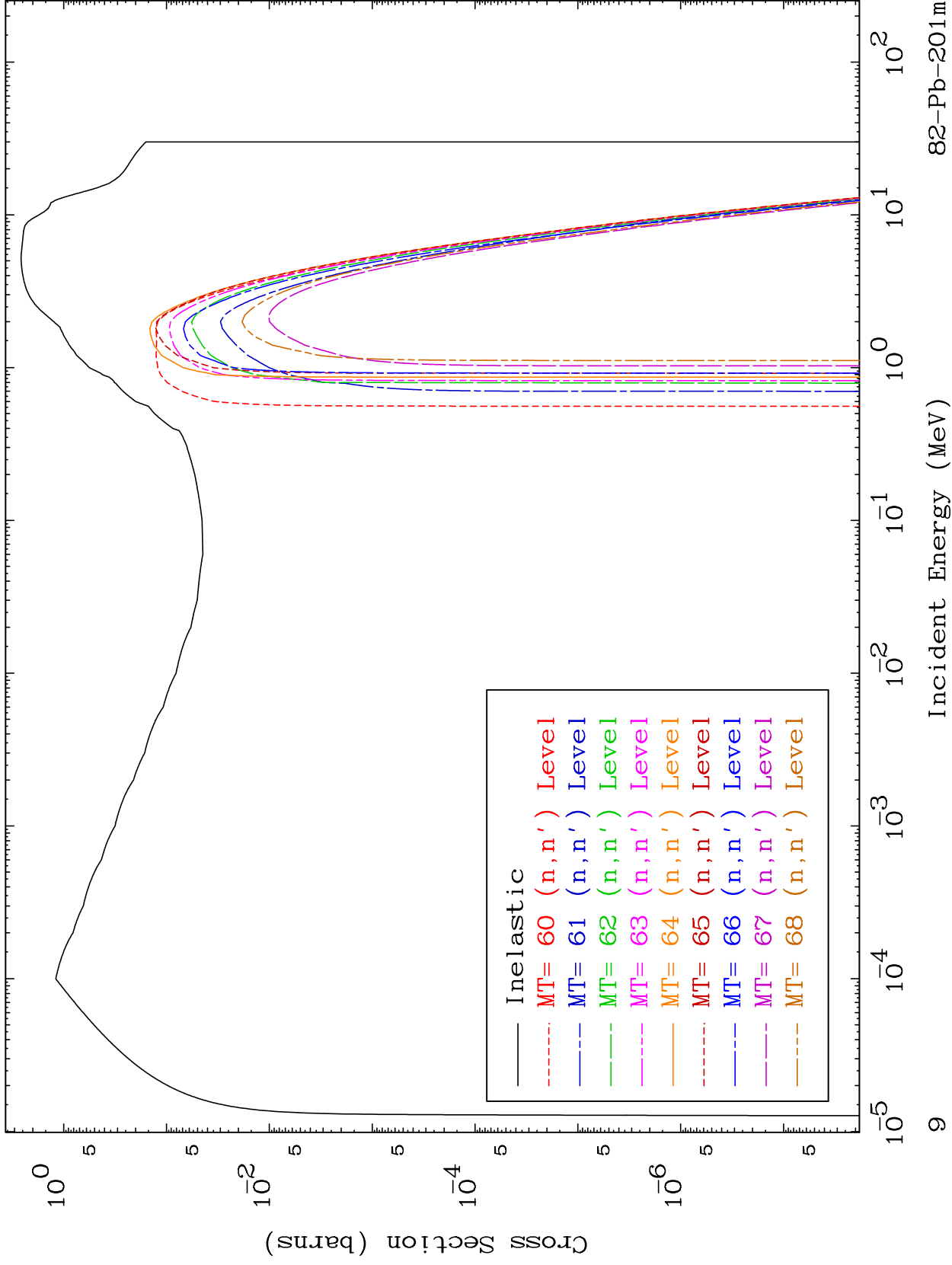
82-Pb-201m



MAT 8217

(n,n') Levels
293 Kelvin Cross Sections

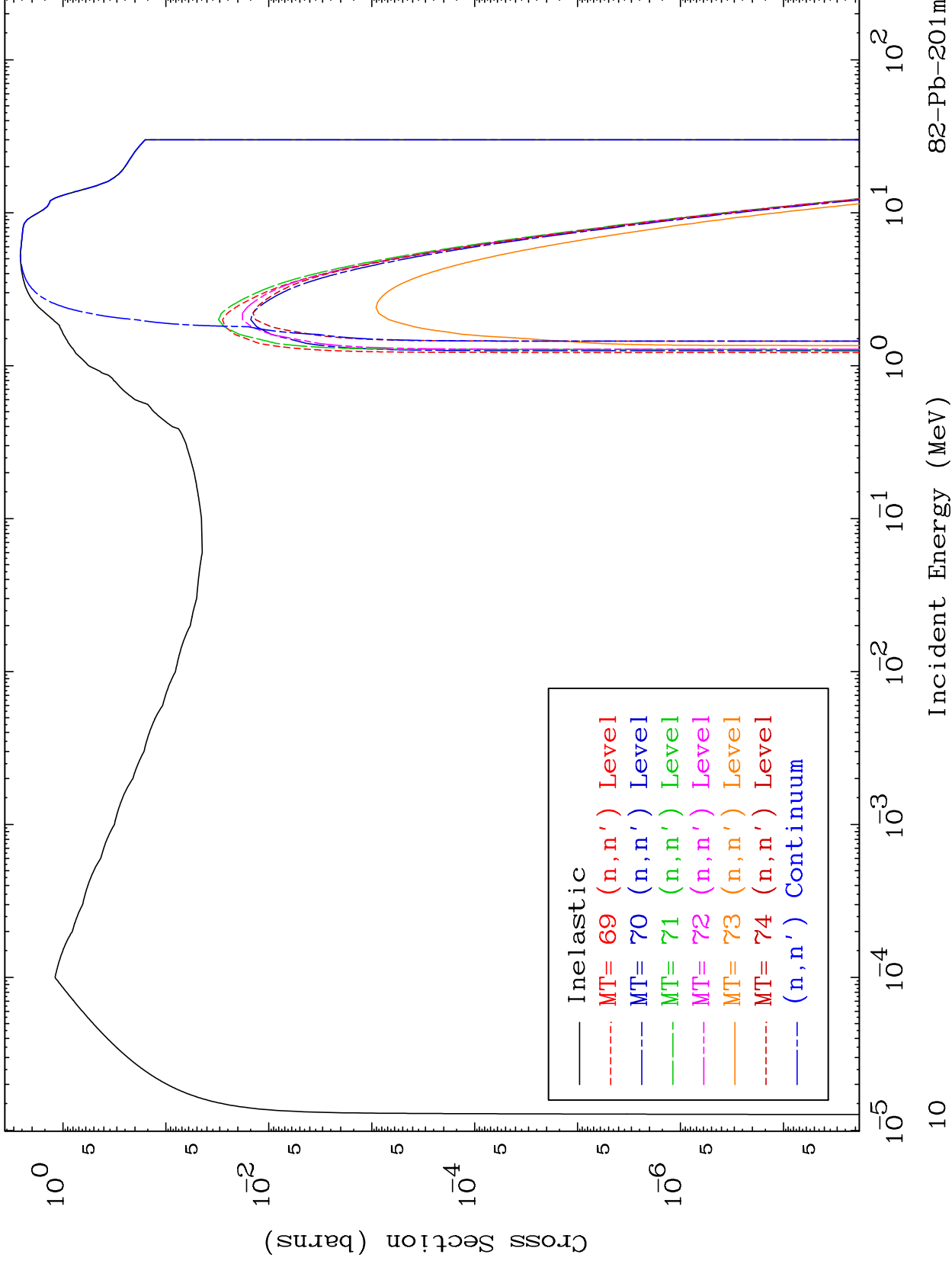
82-Pb-201m



MAT 8217

(n,n') Levels
293 Kelvin Cross Sections

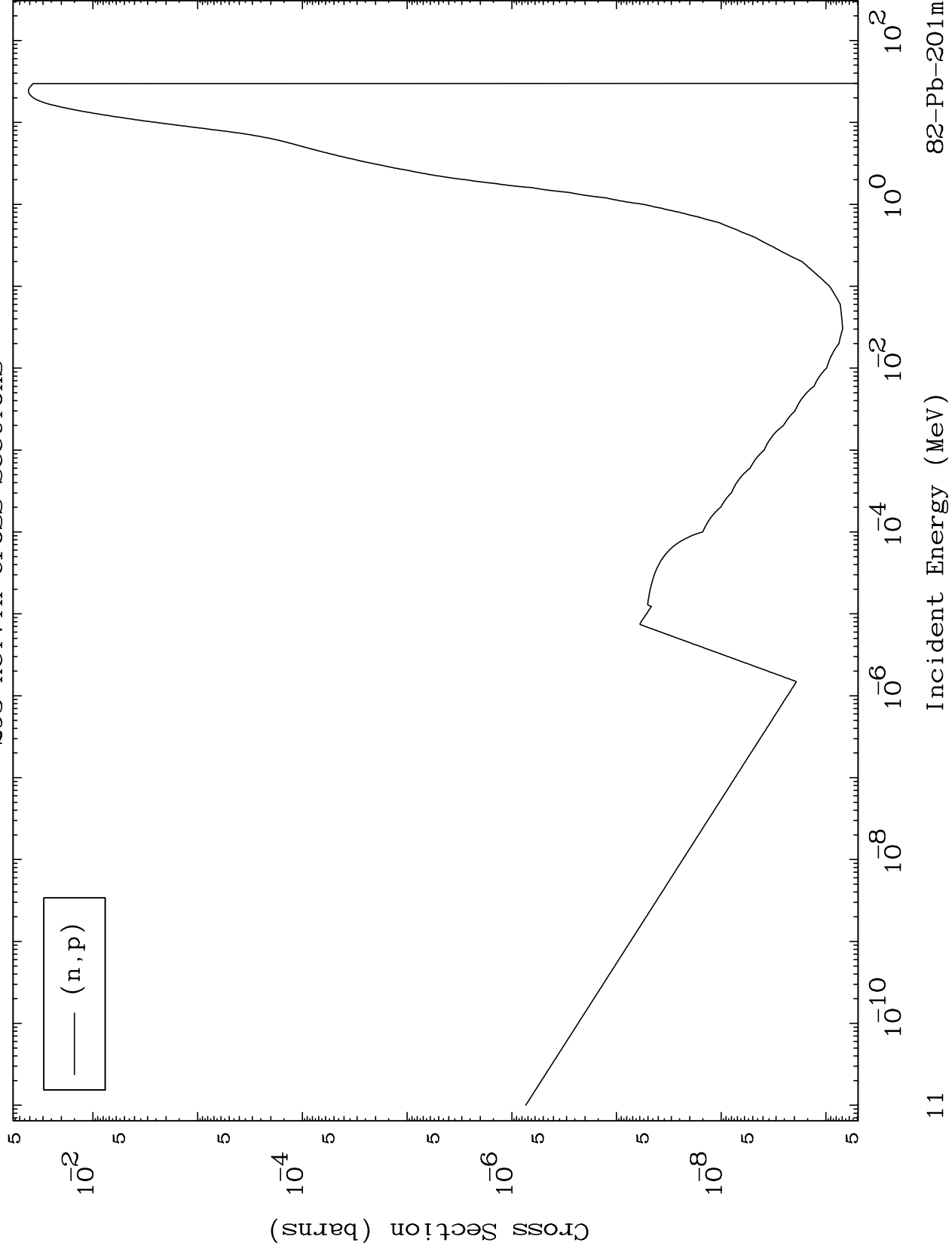
82-Pb-201m



MAT 8217

(n,p) Levels
293 Kelvin Cross Sections

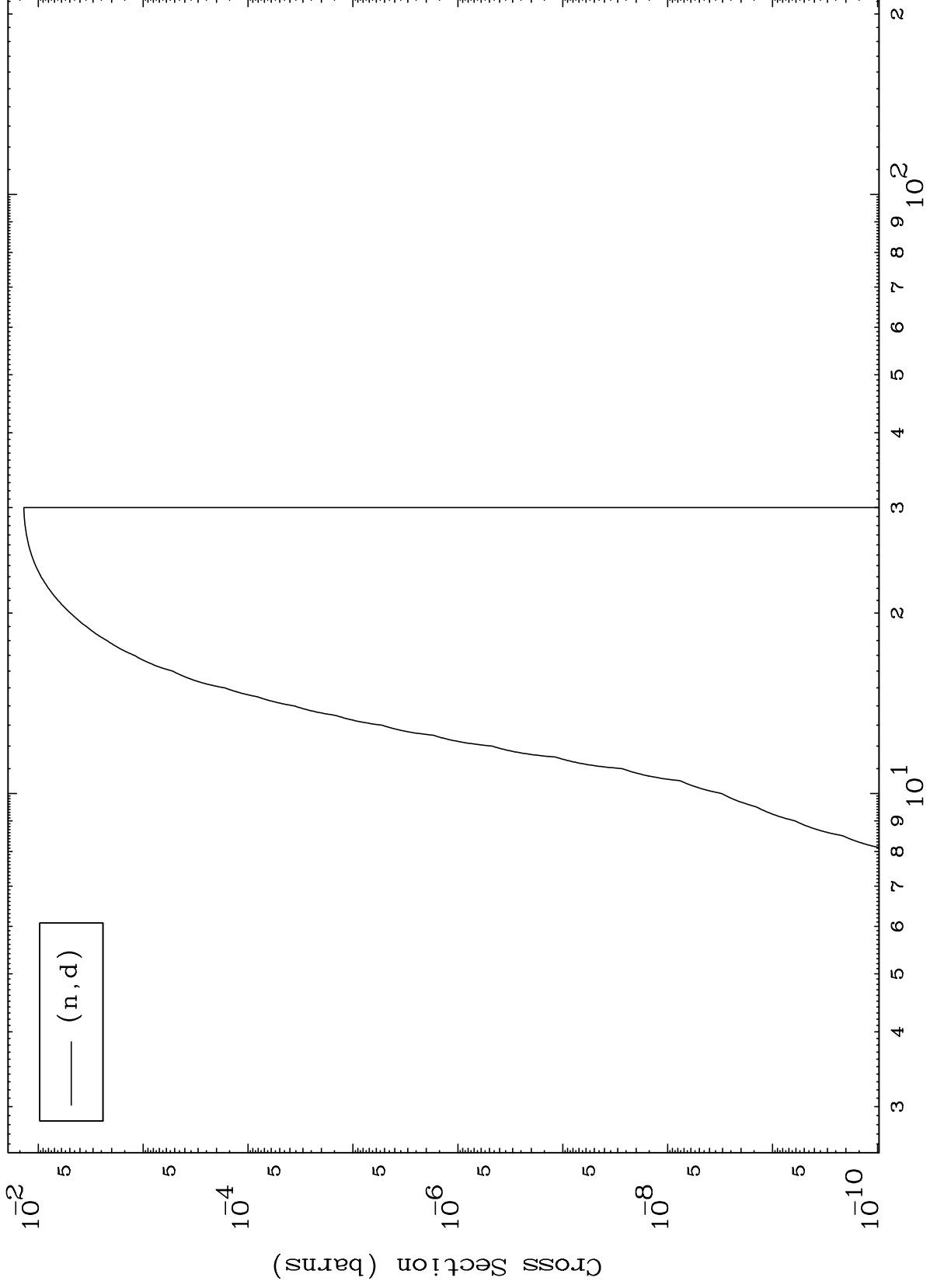
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MAT 8217

(n,d) Levels
293 Kelvin Cross Sections

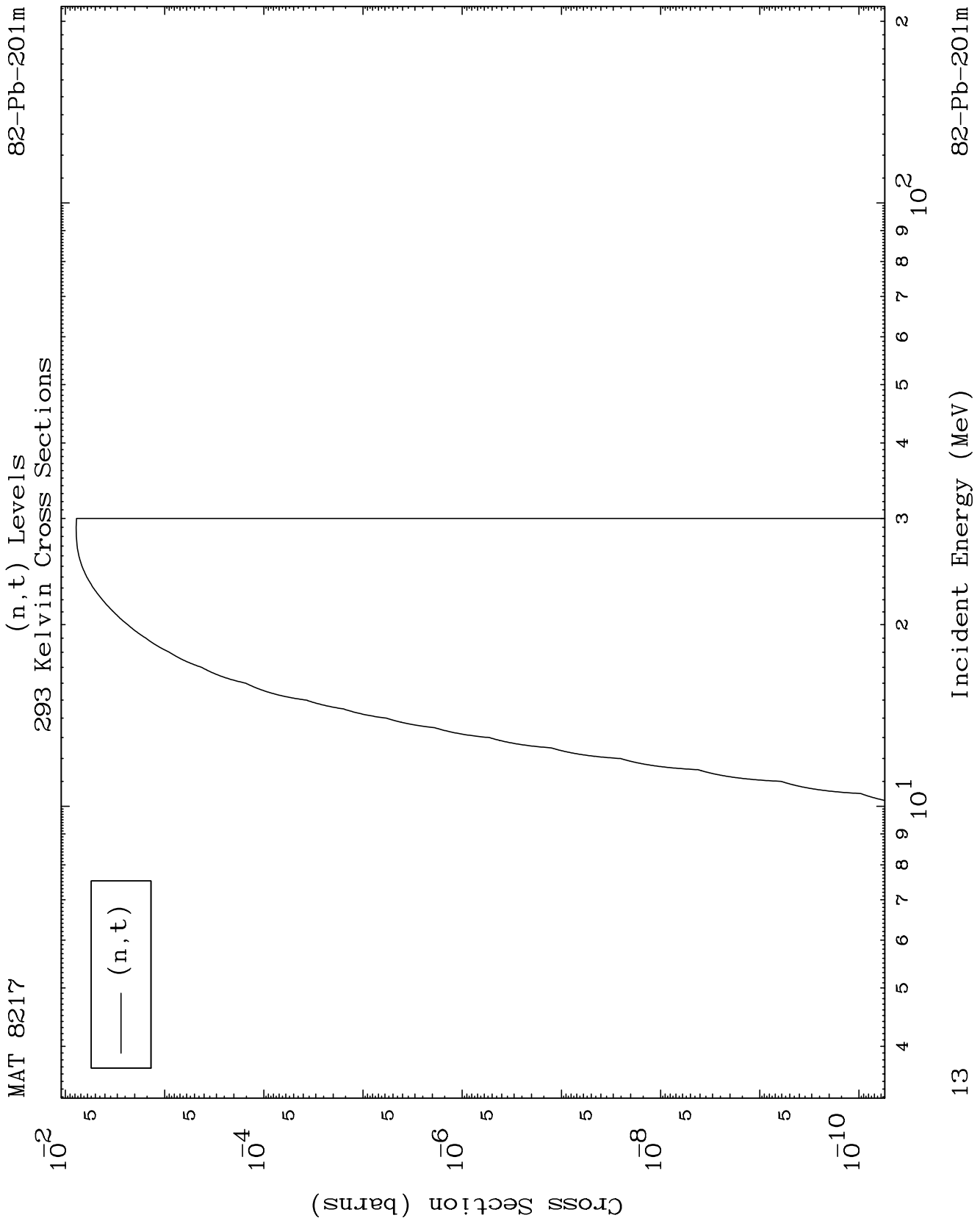
82-Pb-201m



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Incident Energy (MeV)

82-Pb-201m

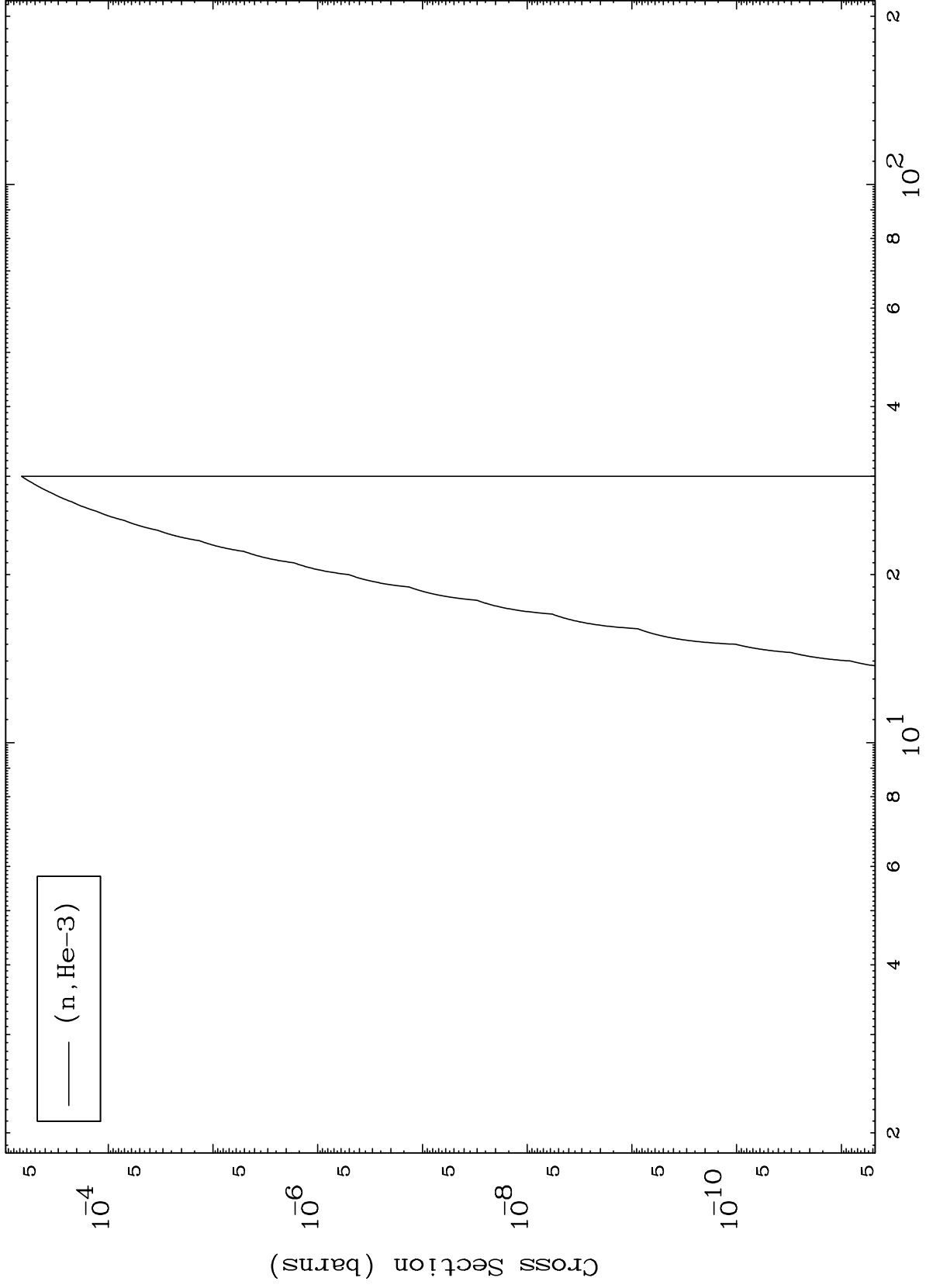


(n,t)

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(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-201m



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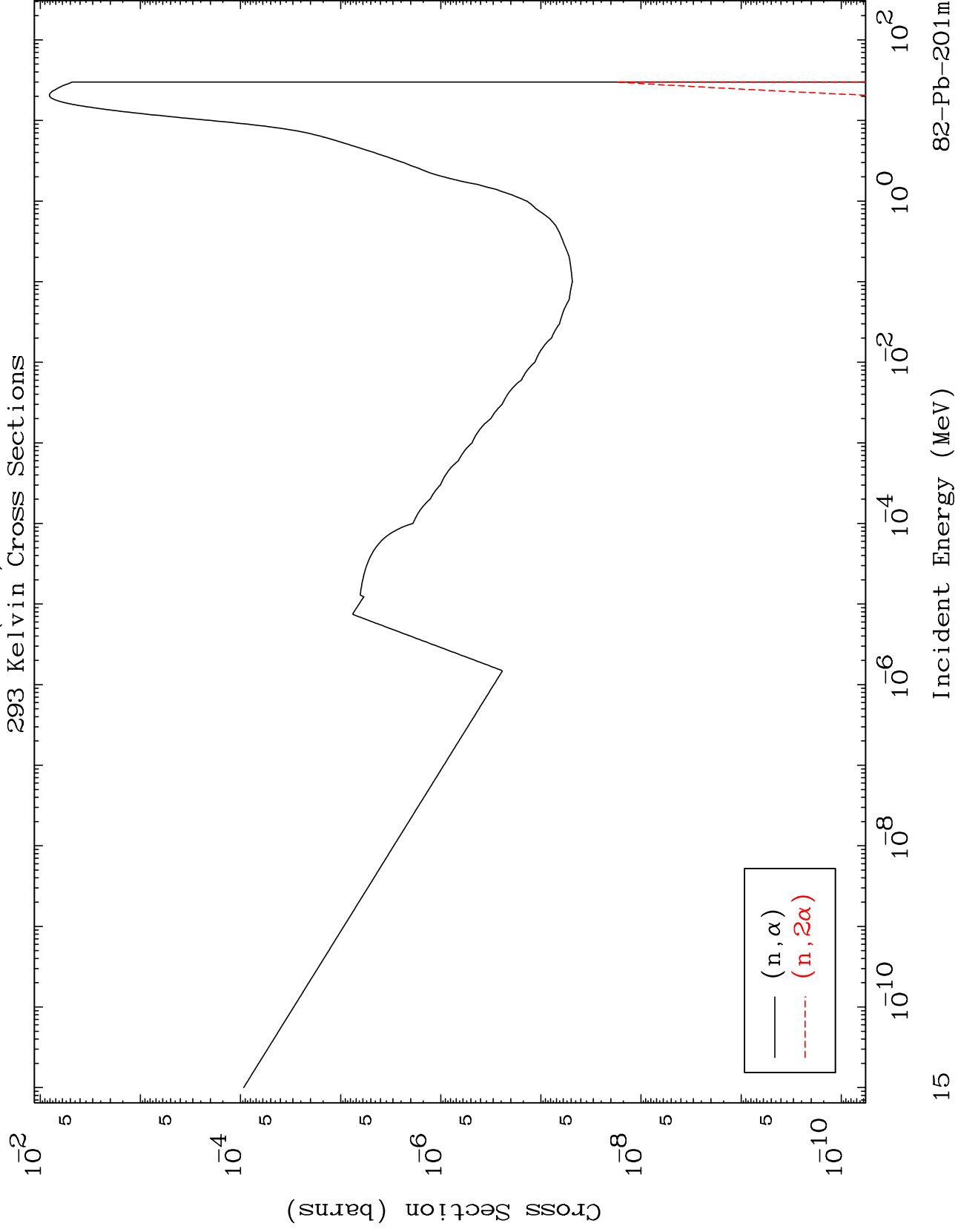
Incident Energy (MeV)

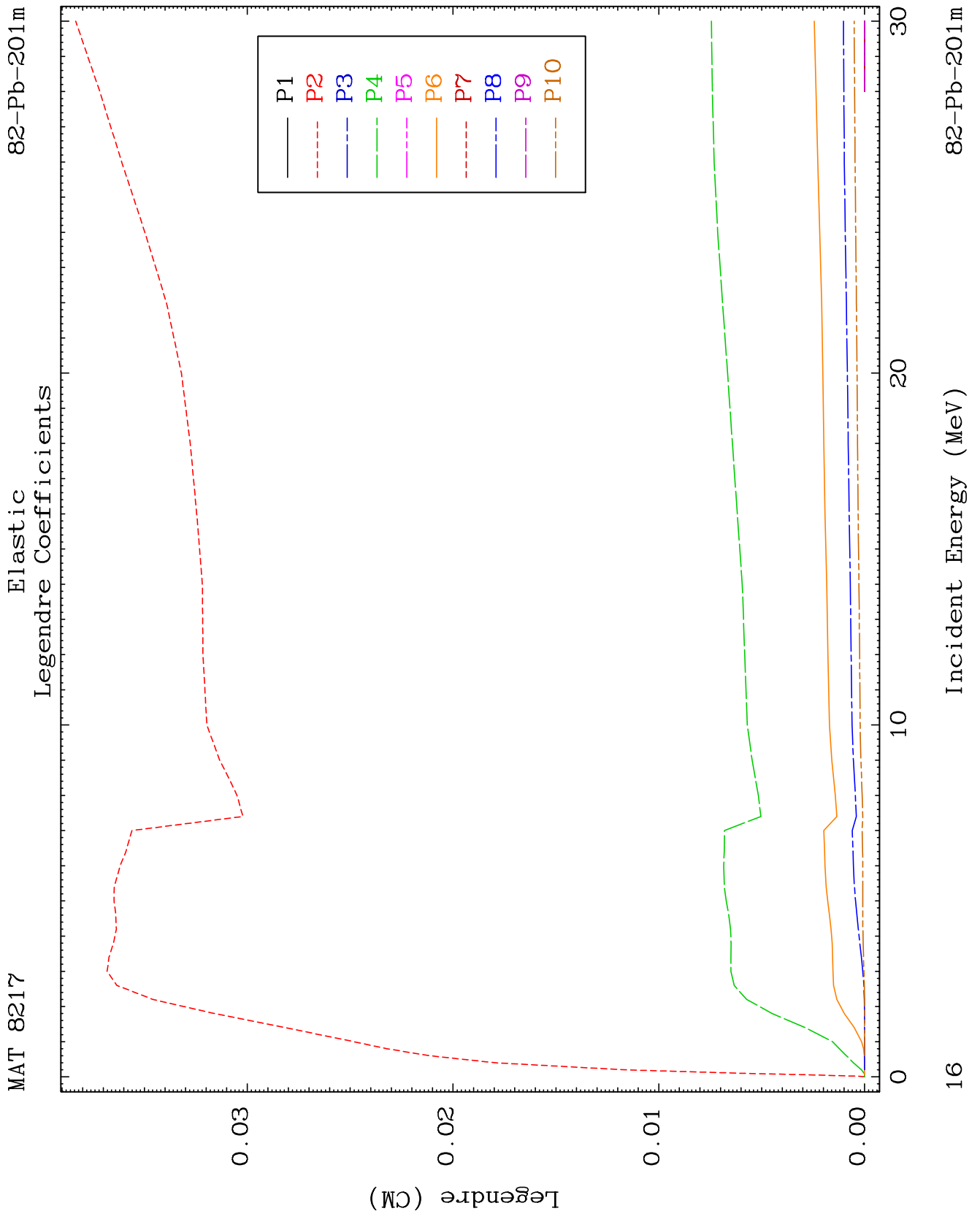
82-Pb-201m

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(n,α) Levels
293 Kelvin Cross Sections

82-Pb-201m

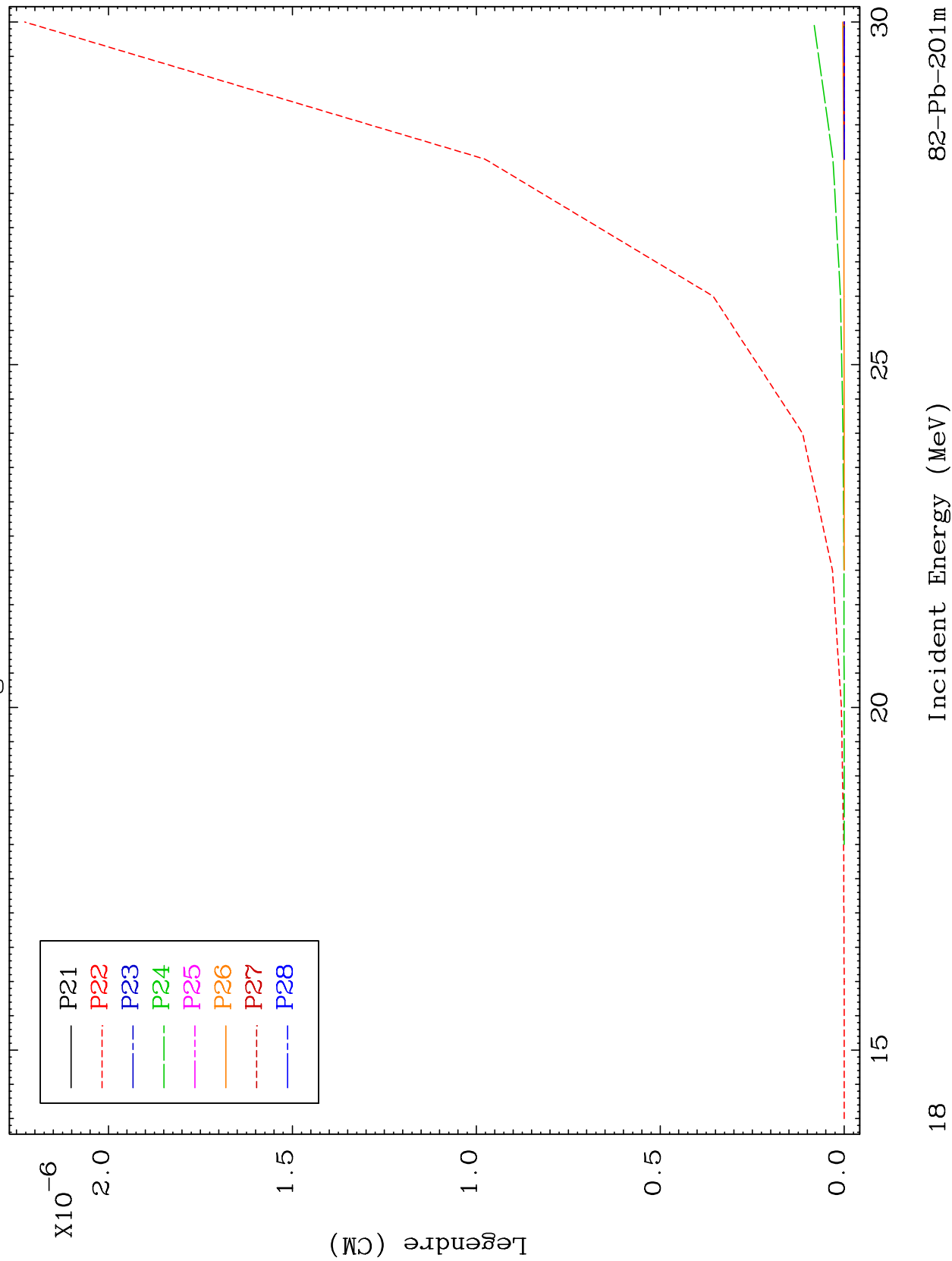




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Elastic
Legendre Coefficients

82-Pb-201m



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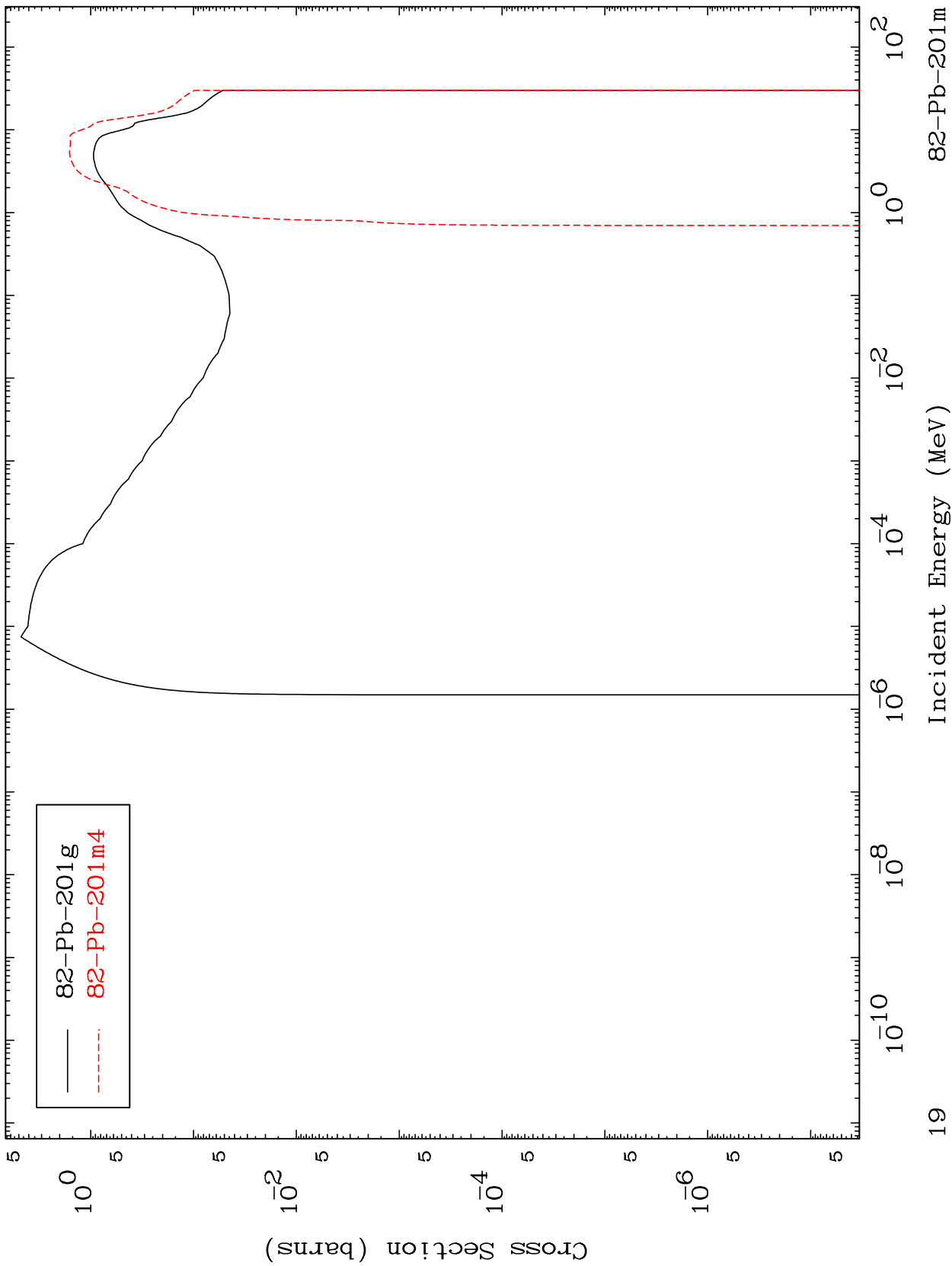
Incident Energy (MeV)

82-Pb-201m

MAT 8217

82-Pb-201m

Radionuclide Production Cross Section



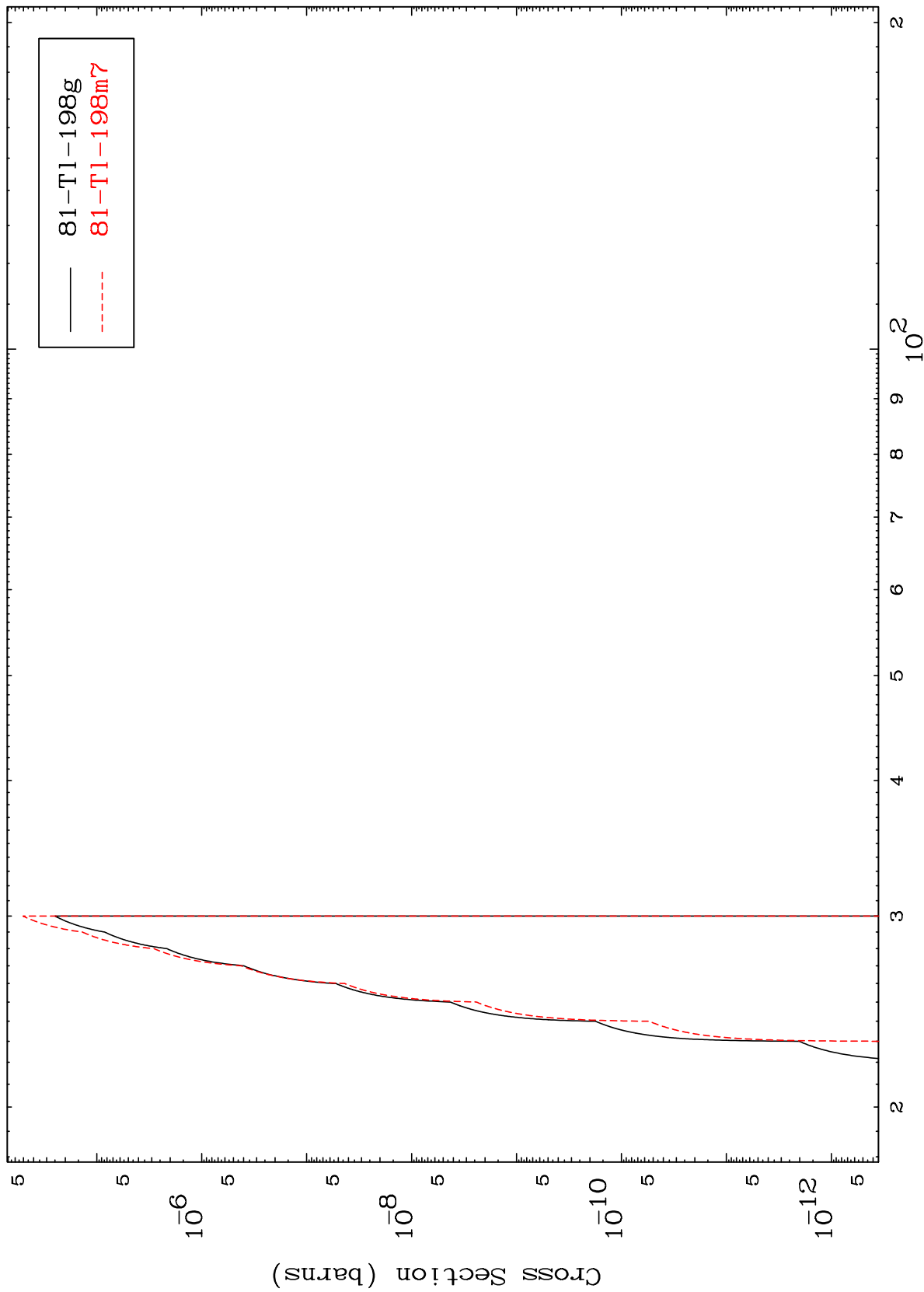
82-Pb-201g
82-Pb-201m4

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(n,2n) d

82-Pb-201m

Radionuclide Production Cross Section



20

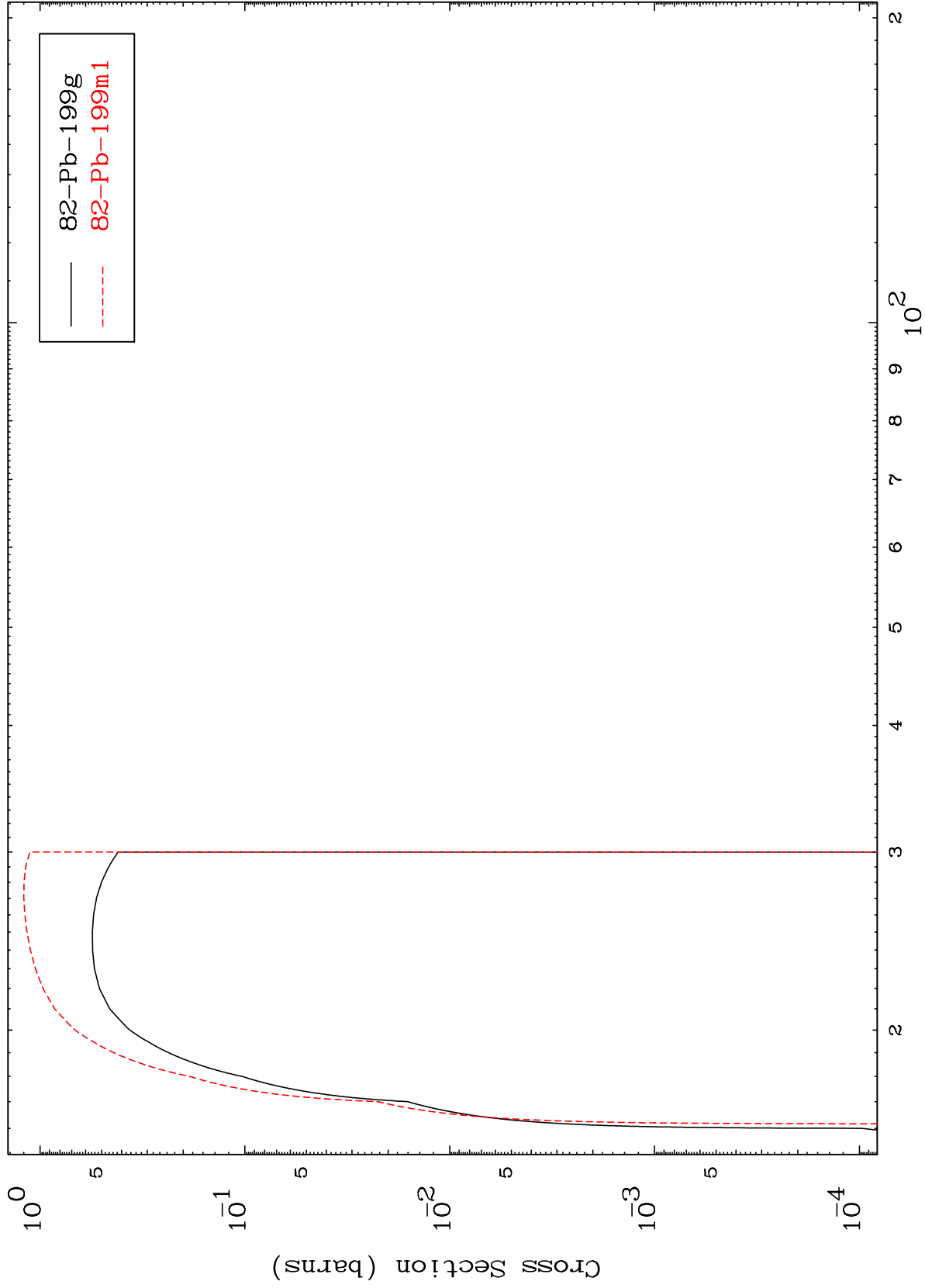
Incident Energy (MeV)

82-Pb-201m

MAT 8217

82-Pb-201m

(n,3n)
Radionuclide Production Cross Section



21

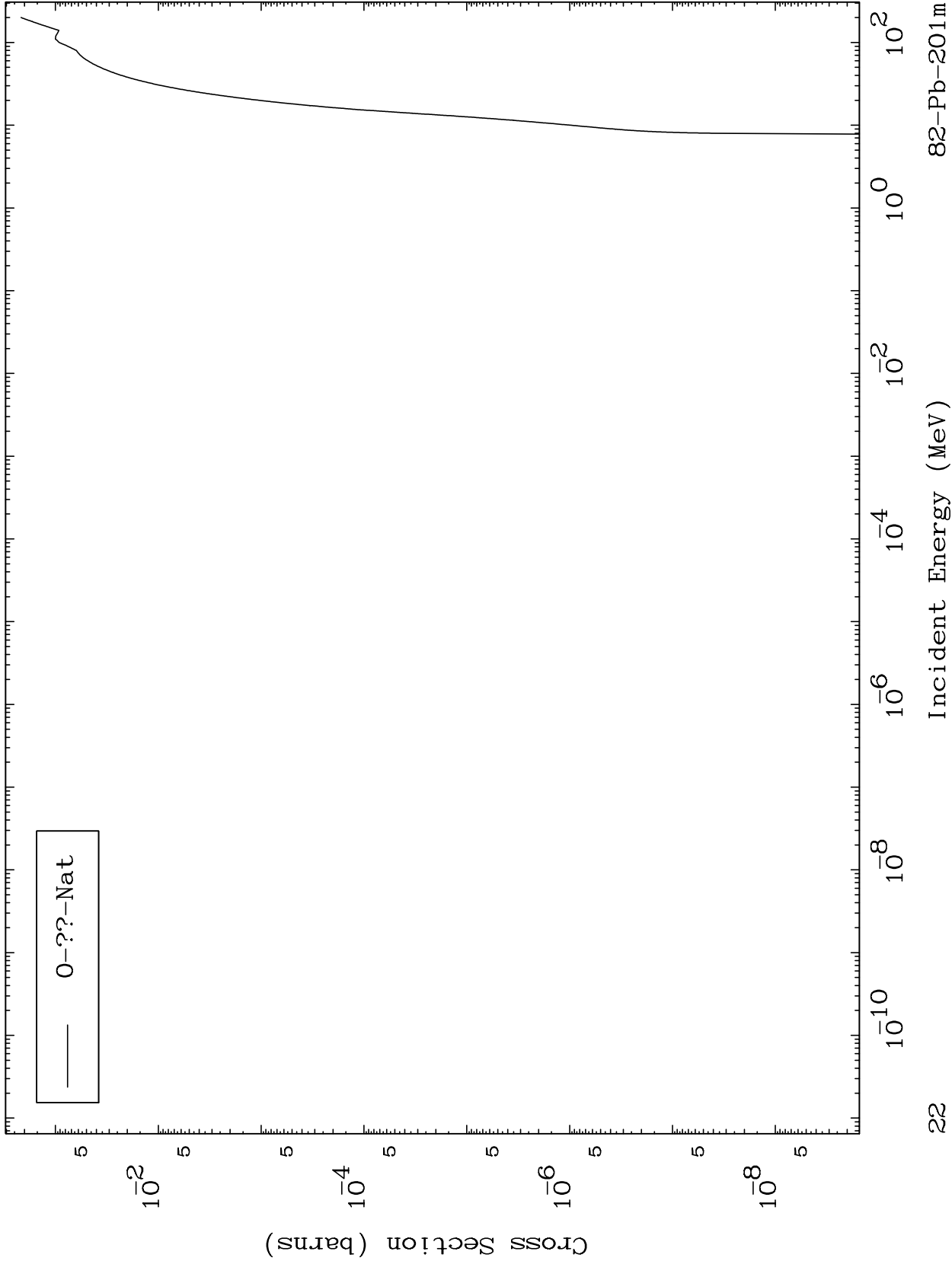
Incident Energy (MeV)

82-Pb-201m

MAT 8217

Fission
Radionuclide Production Cross Section

$^{82}\text{Pb-201m}$

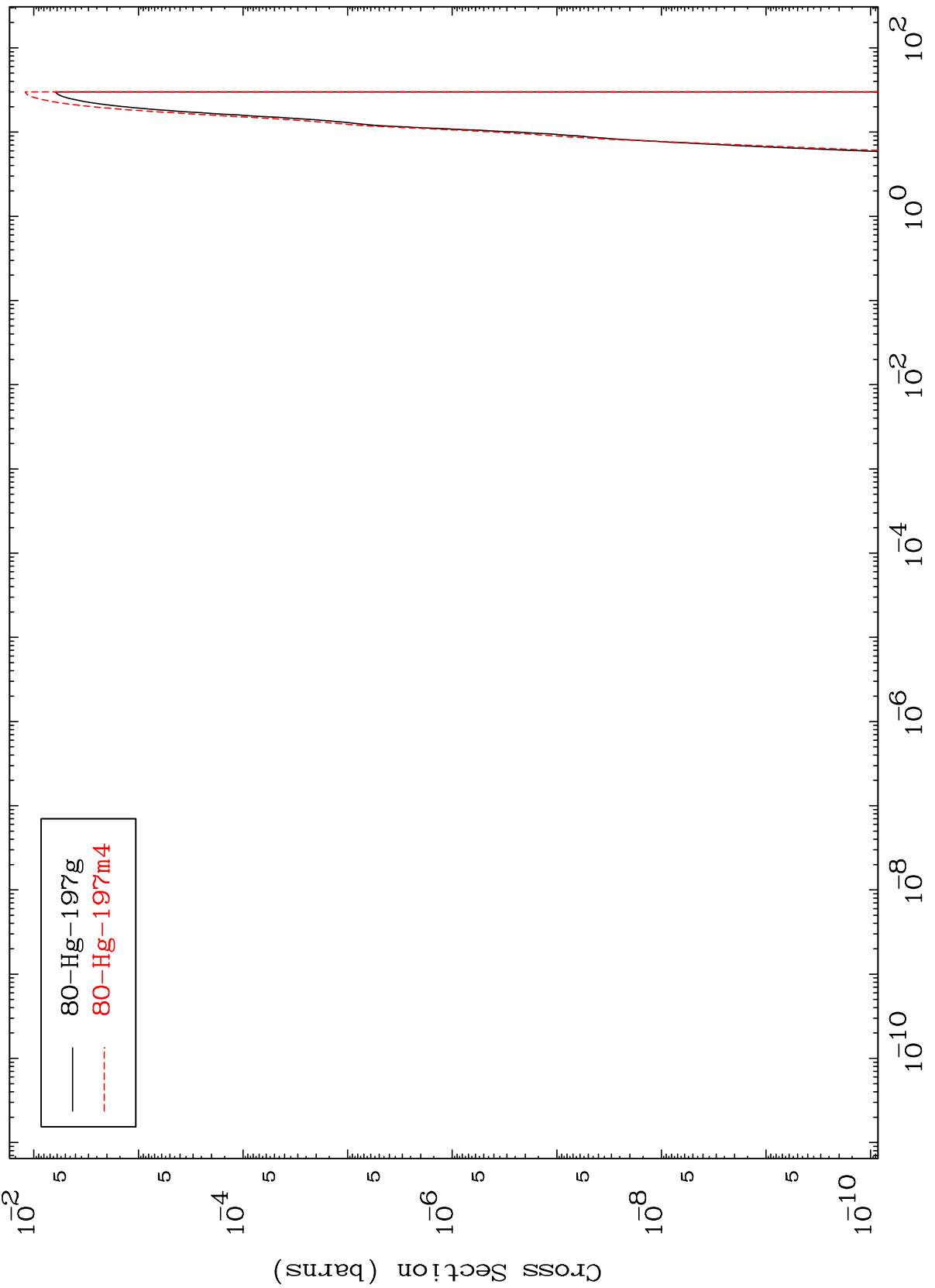


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$(n, n') \alpha$

82-Pb-201m

Radionuclide Production Cross Section

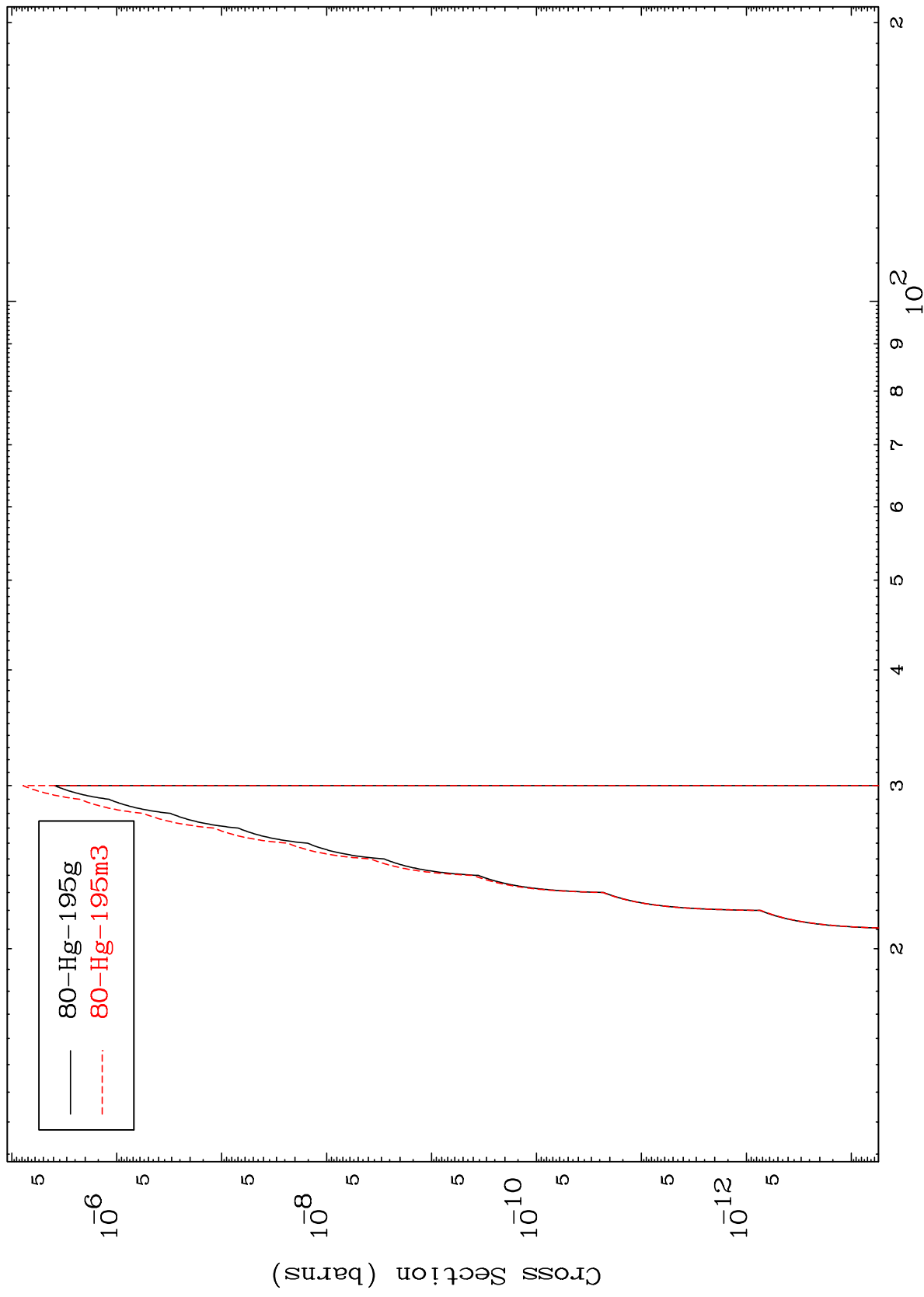


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(n,3n) α

82-Pb-201m

Radionuclide Production Cross Section

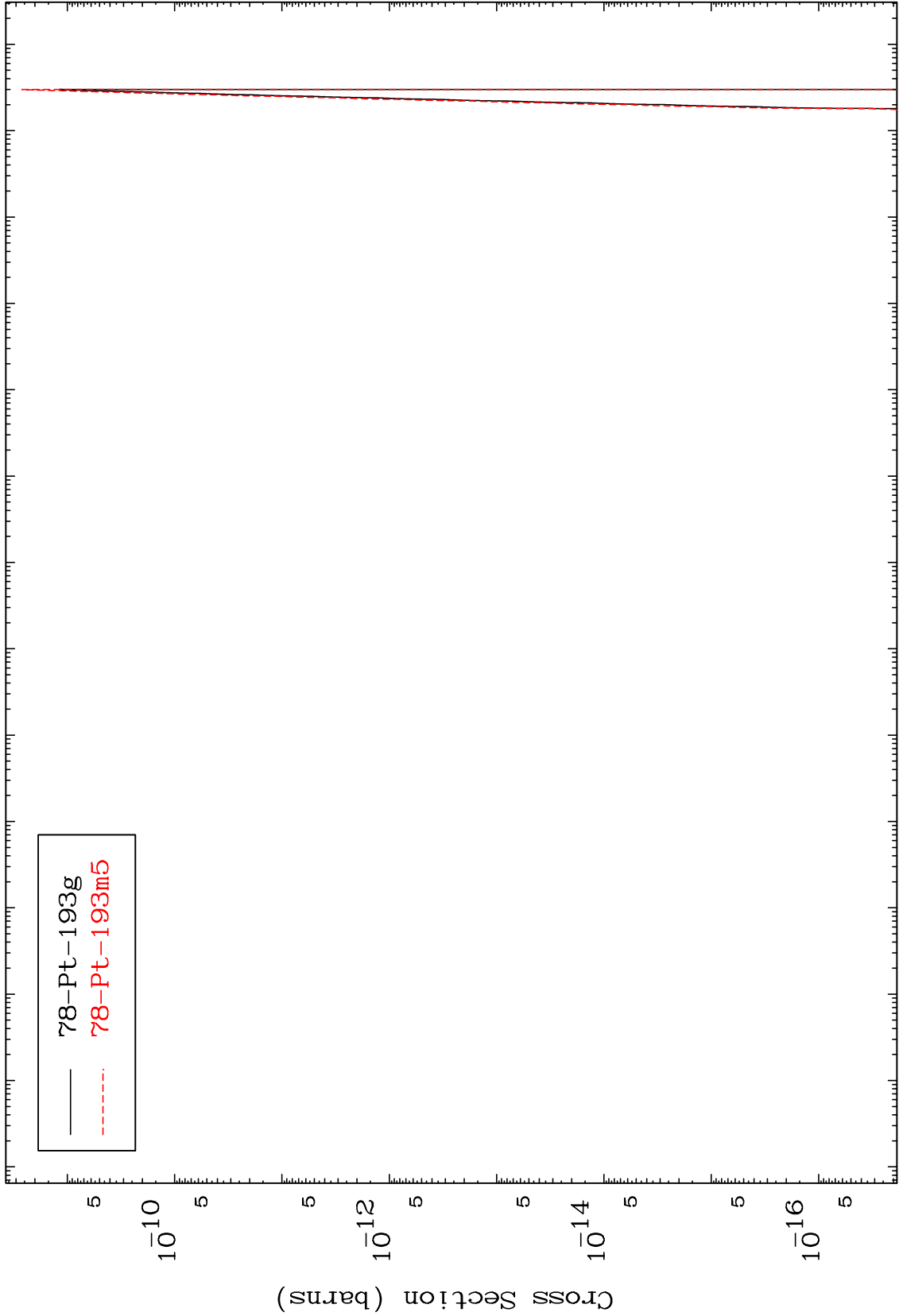
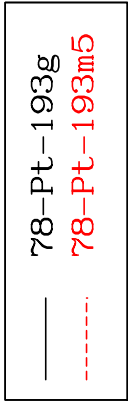


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(n,n') 2α

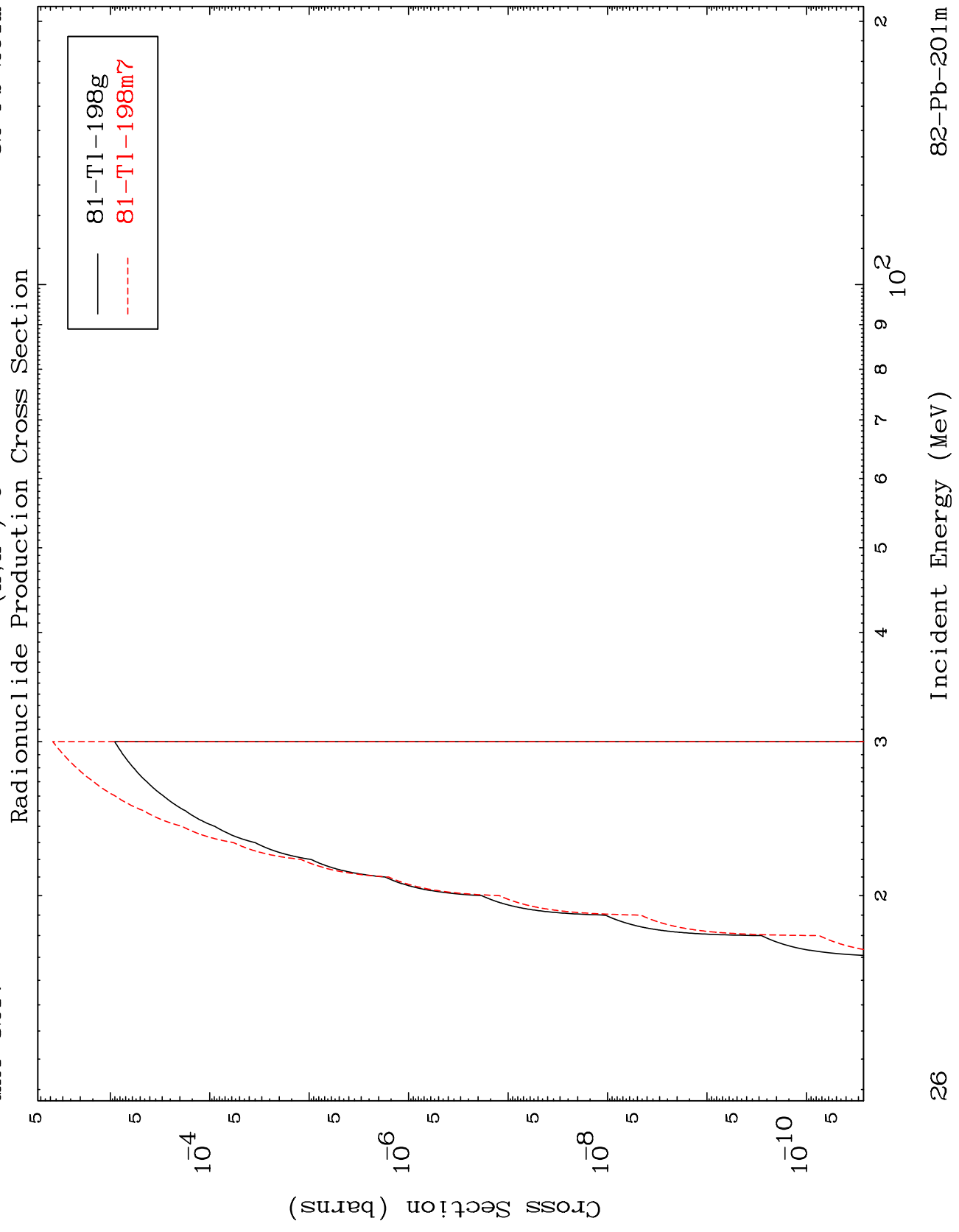
82-Pb-201m

Radionuclide Production Cross Section



82-Pb-201m

Incident Energy (MeV)

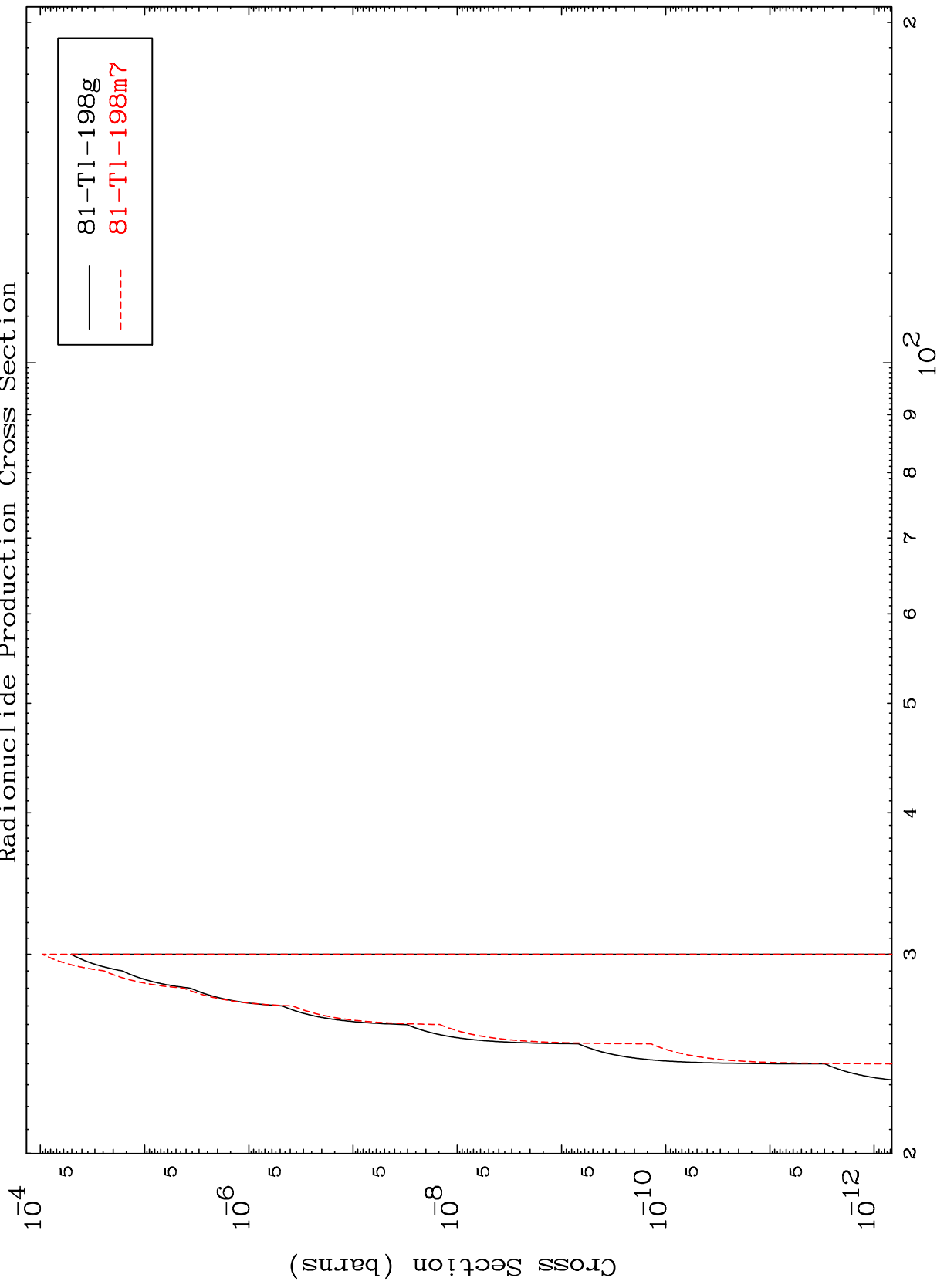


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(n,3n) p

82-Pb-201m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

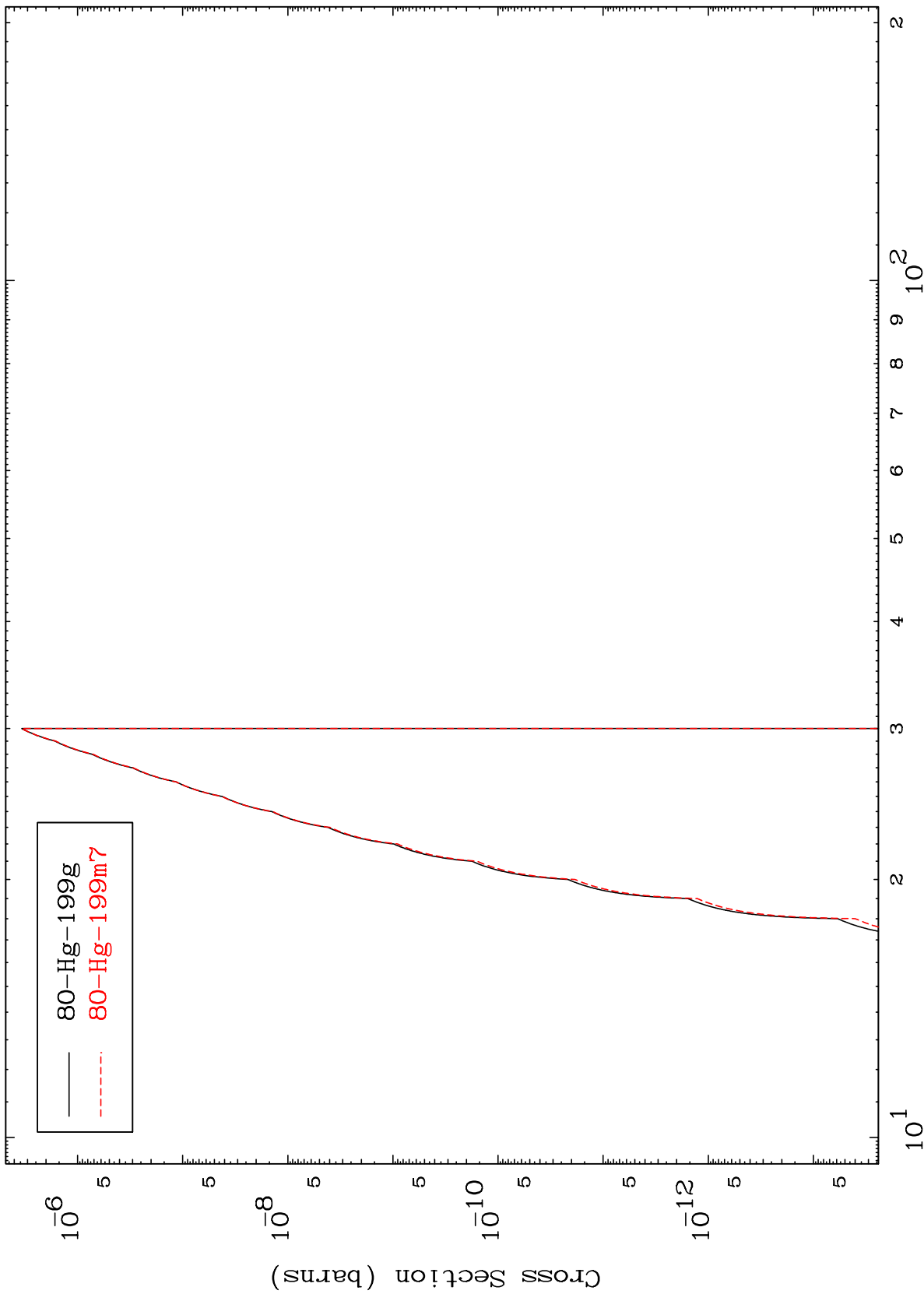
82-Pb-201m

MAT 8217

(n,2n) p

82-Pb-201m

Radionuclide Production Cross Section

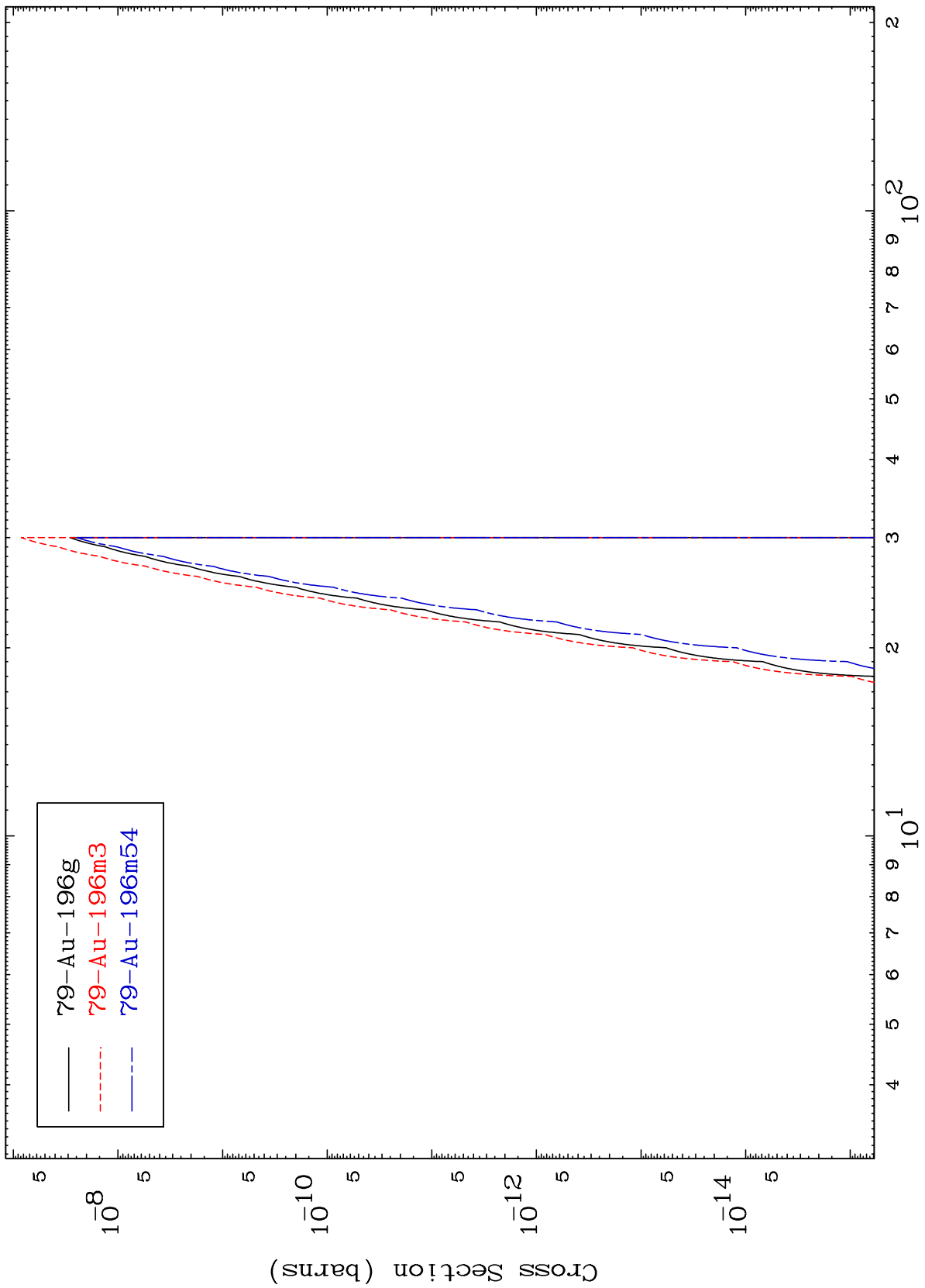


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Incident Energy (MeV)

82-Pb-201m

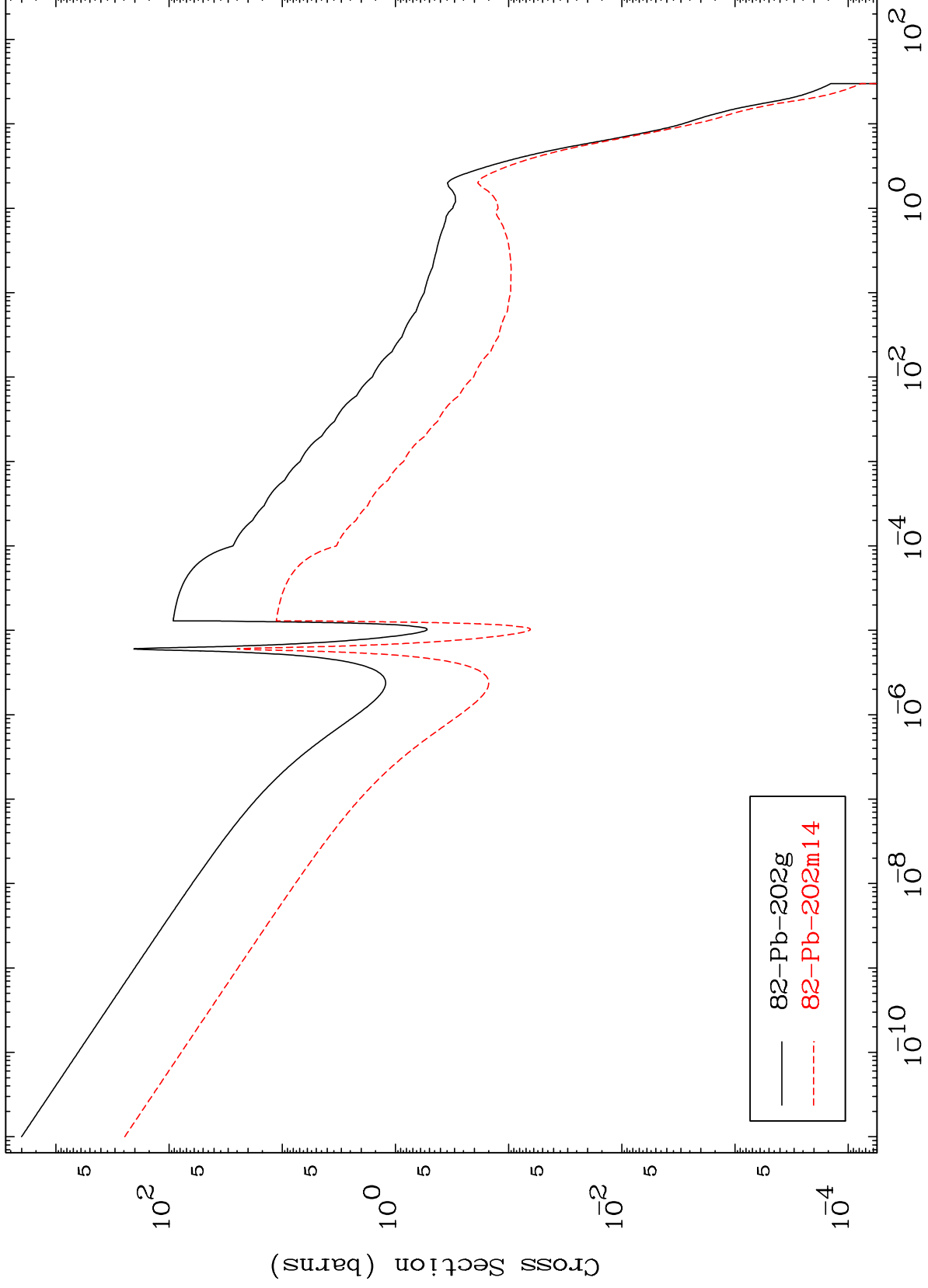
(n,n') p α
Radionuclide Production Cross Section



MAT 8217

82-Pb-201m

(n, γ)
Radionuclide Production Cross Section



30

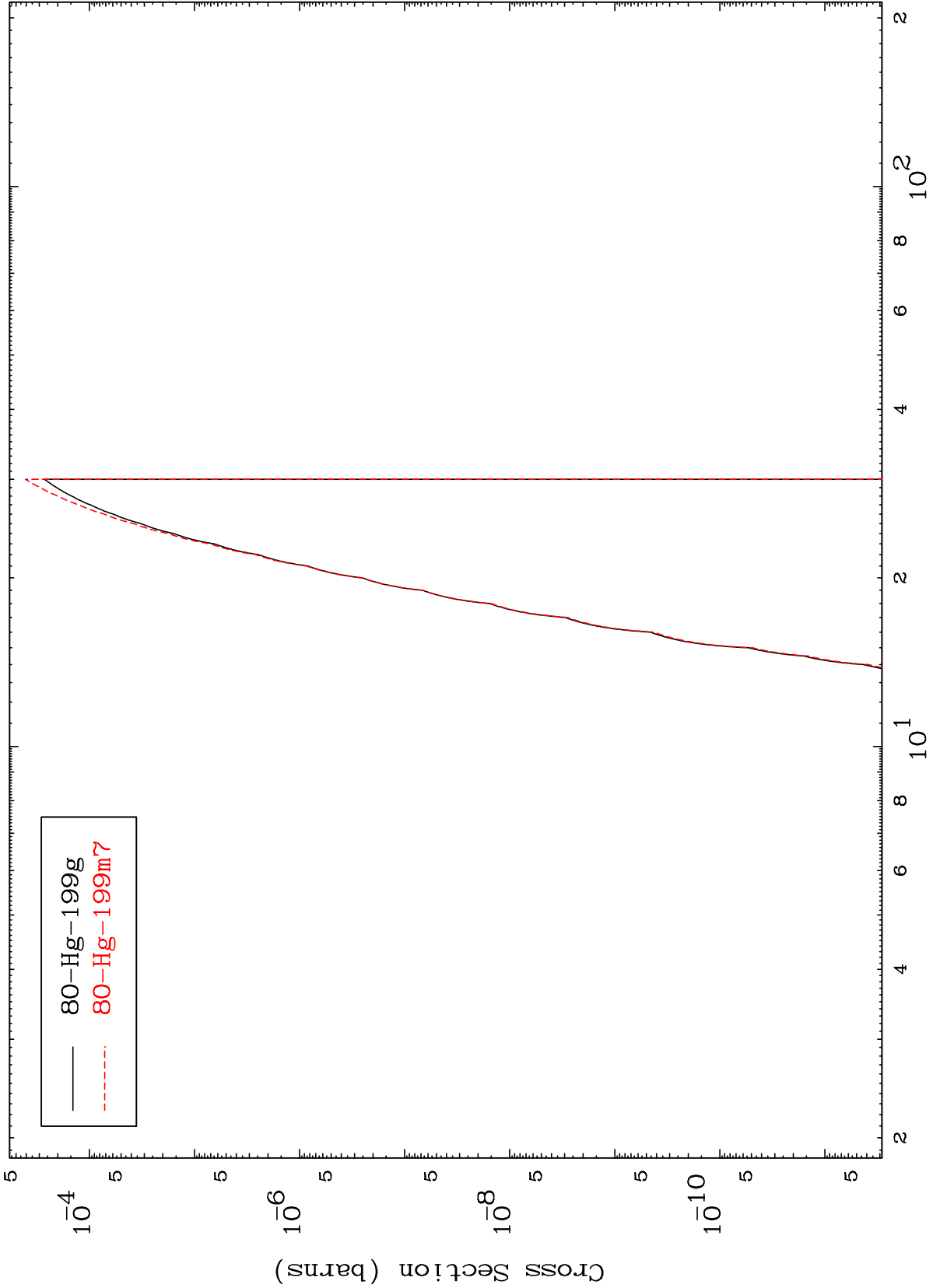
82-Pb-201m

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(n,He-3)

82-Pb-201m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

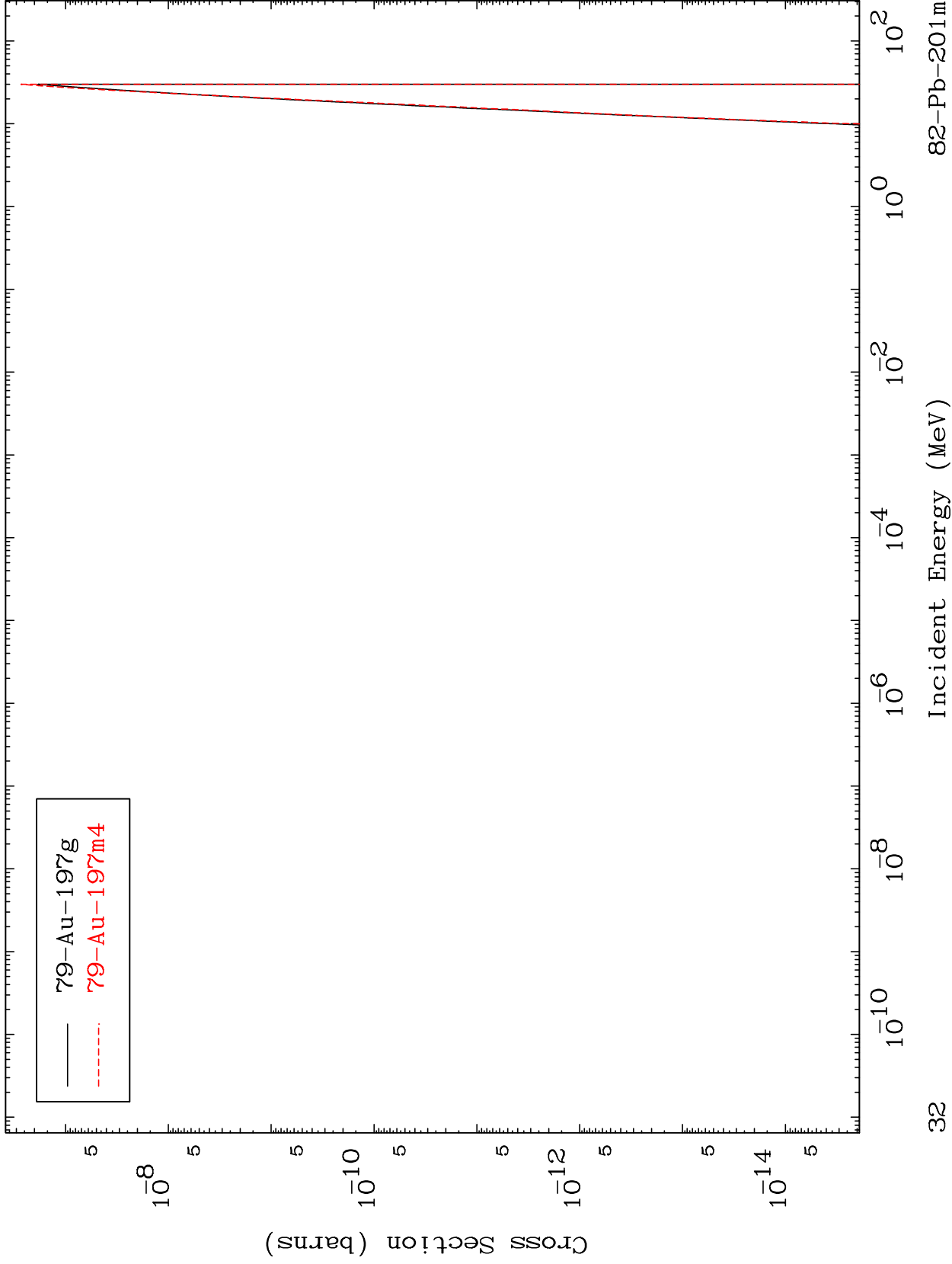
82-Pb-201m

MAT 8217

(n,p) α

82-Pb-201m

Radionuclide Production Cross Section

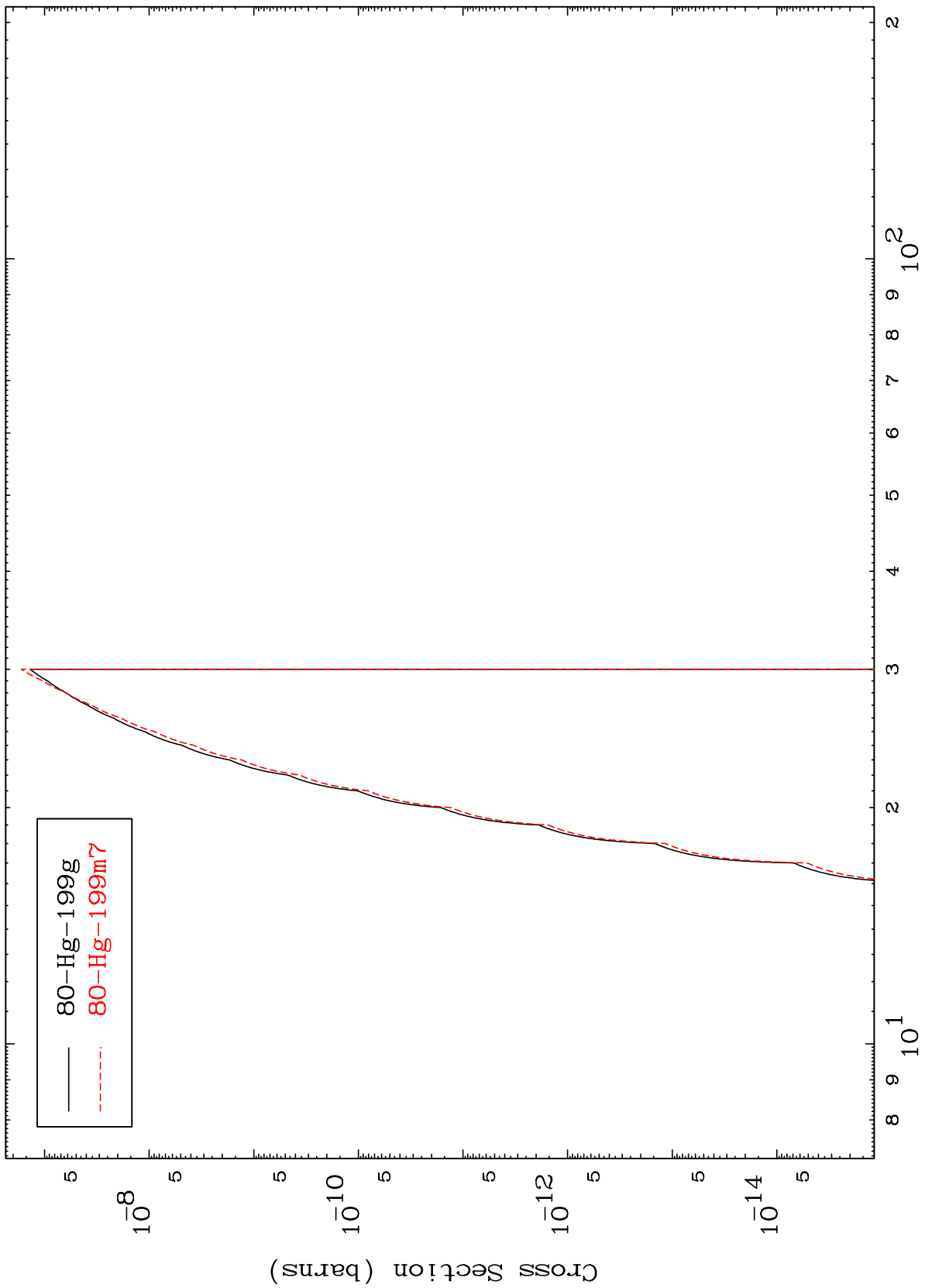


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(n,p) d

82-Pb-201m

Radionuclide Production Cross Section

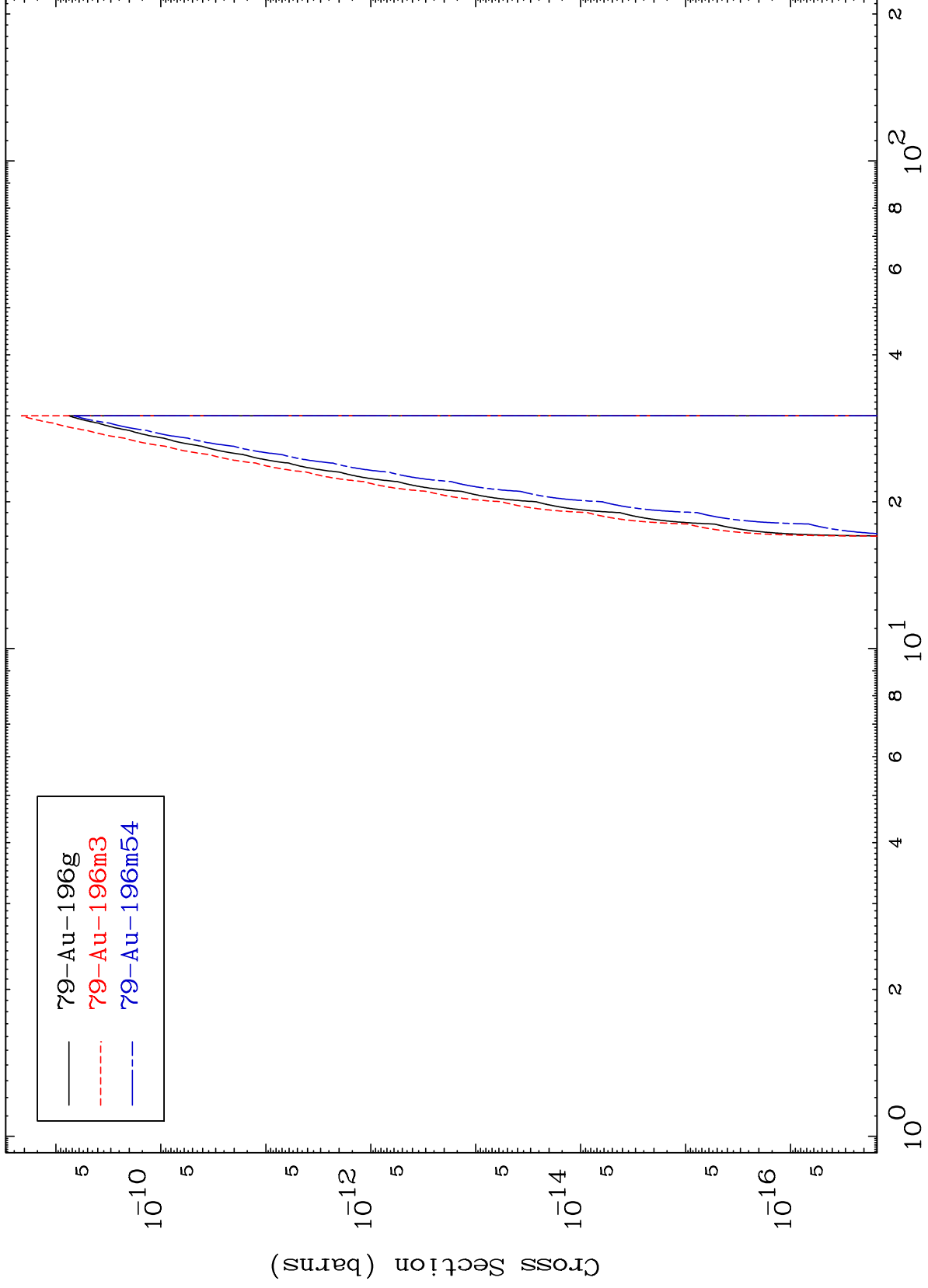


MAT 8217

(n,d) α

82-Pb-201m

Radionuclide Production Cross Section



79-Au-196g
79-Au-196m3
79-Au-196m54

Incident Energy (MeV)

82-Pb-201m

34