

Program EVALPLOT
(Version 2021-1)

by

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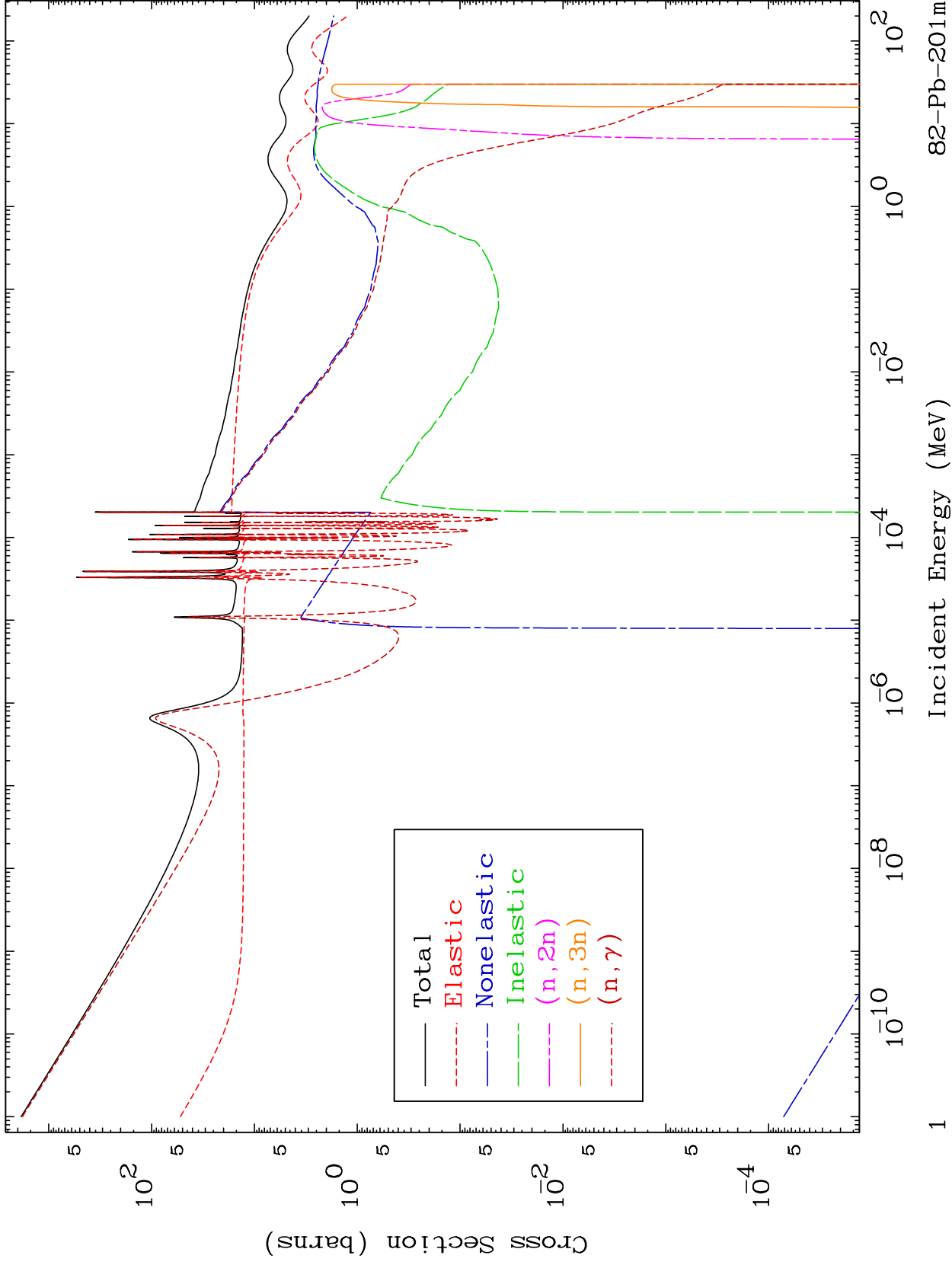
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8217

Neutron Major
293 Kelvin Cross Sections

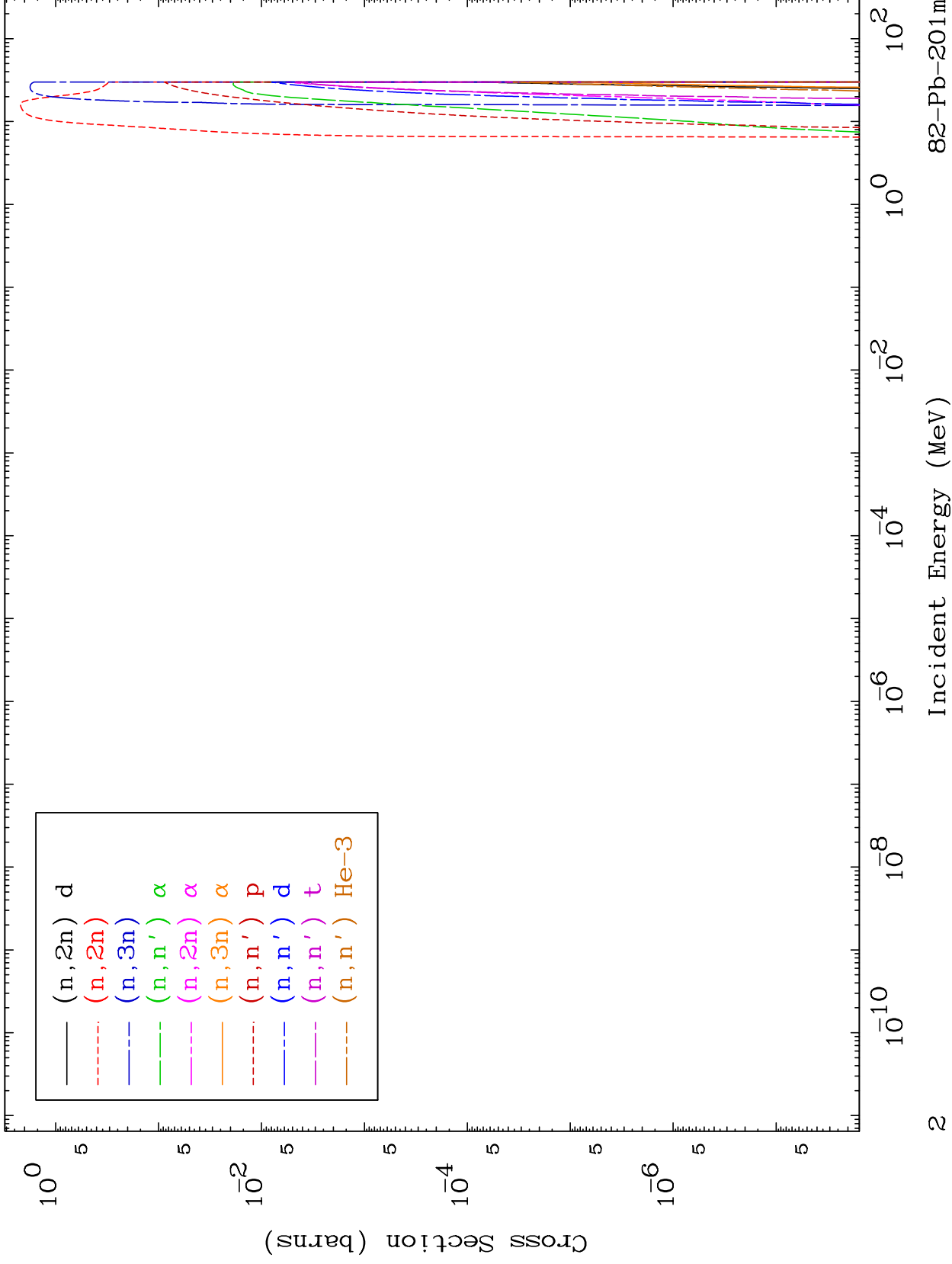
82-Pb-201m



MAT 8217

Neutron Absorption
293 Kelvin Cross Sections

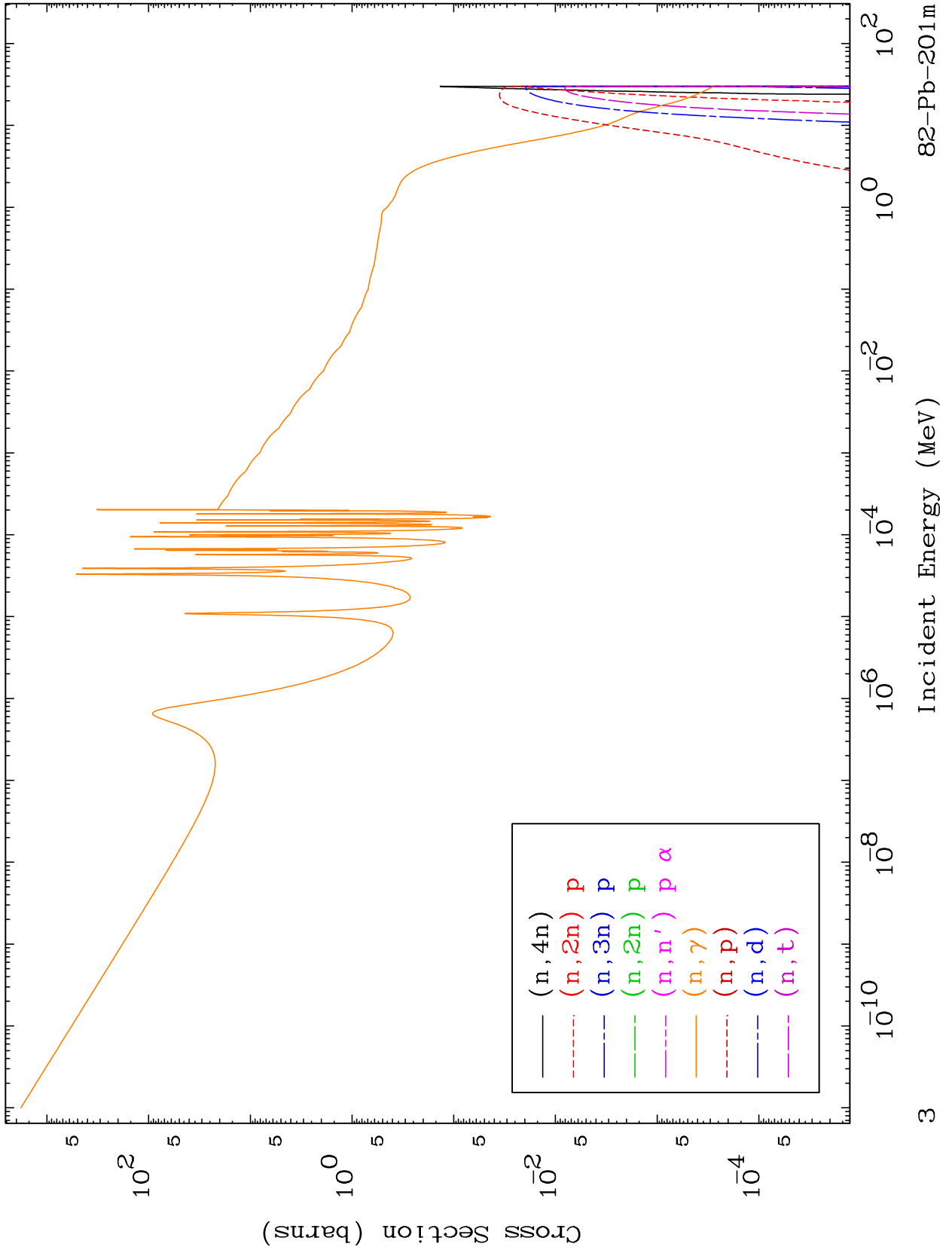
82-Pb-201m



MAT 8217

Neutron Absorption
293 Kelvin Cross Sections

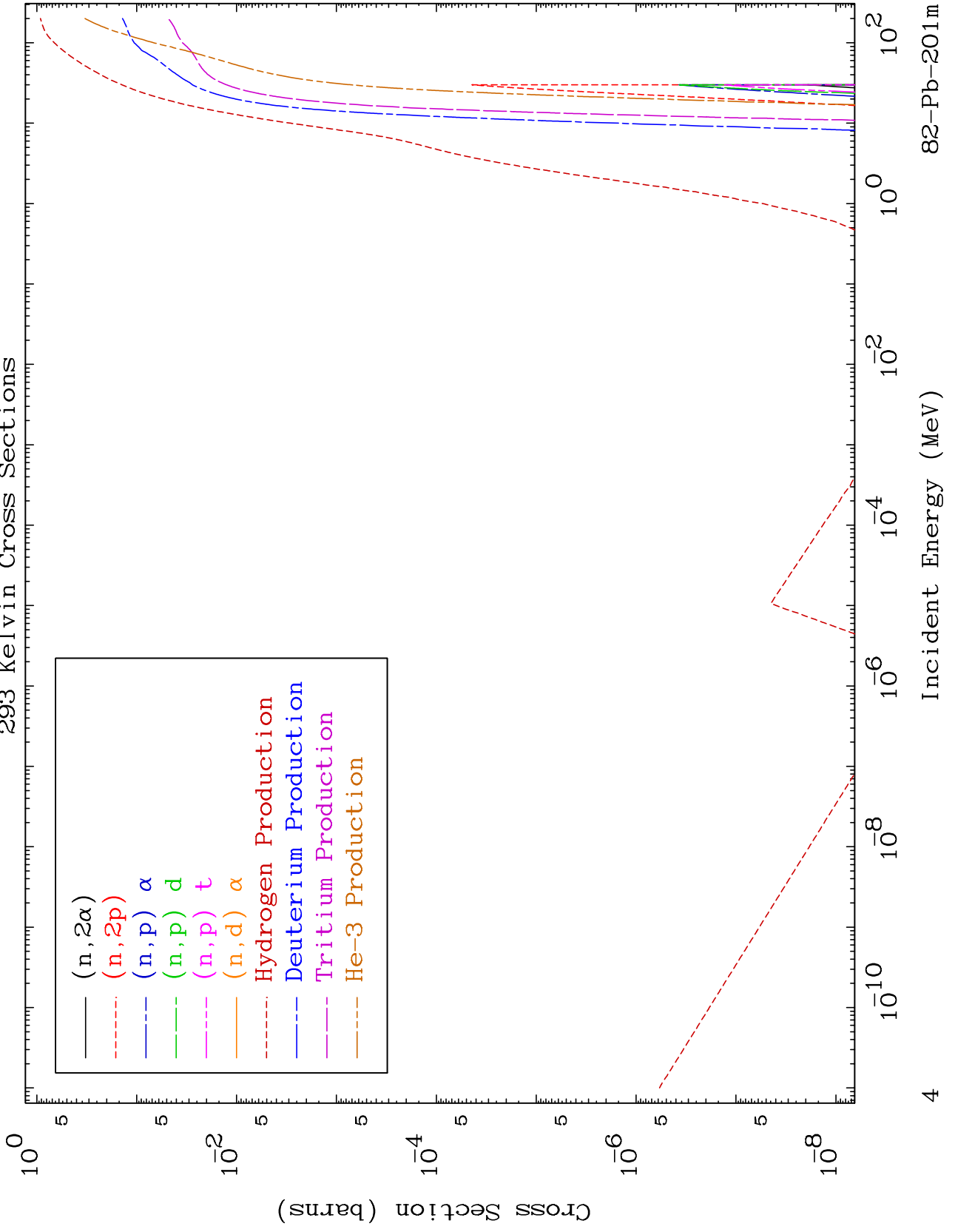
82-Pb-201m



MAT 8217

Neutron Absorption
293 Kelvin Cross Sections

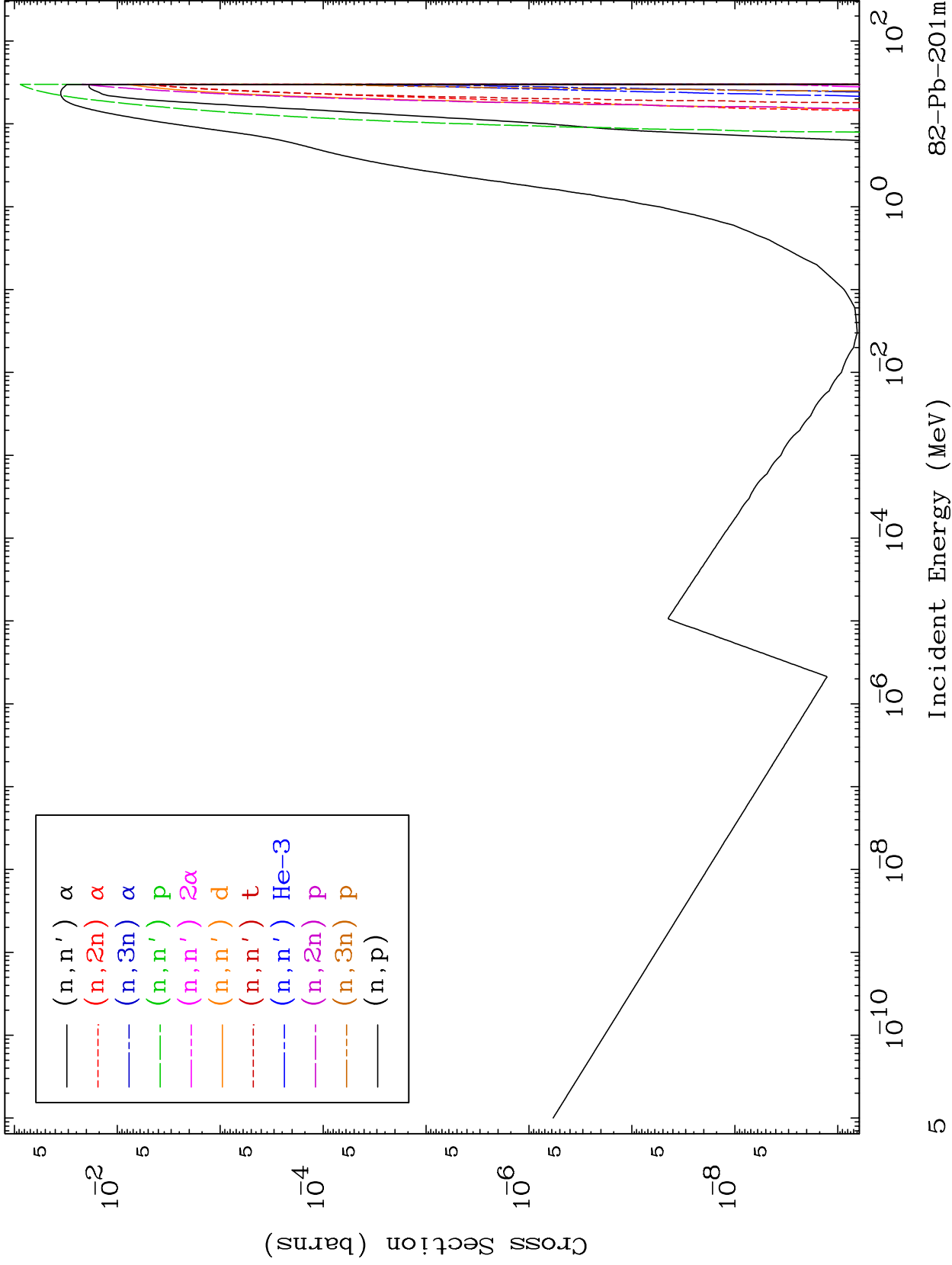
82-Pb-201m



MAT 8217

Charged Particle
293 Kelvin Cross Sections

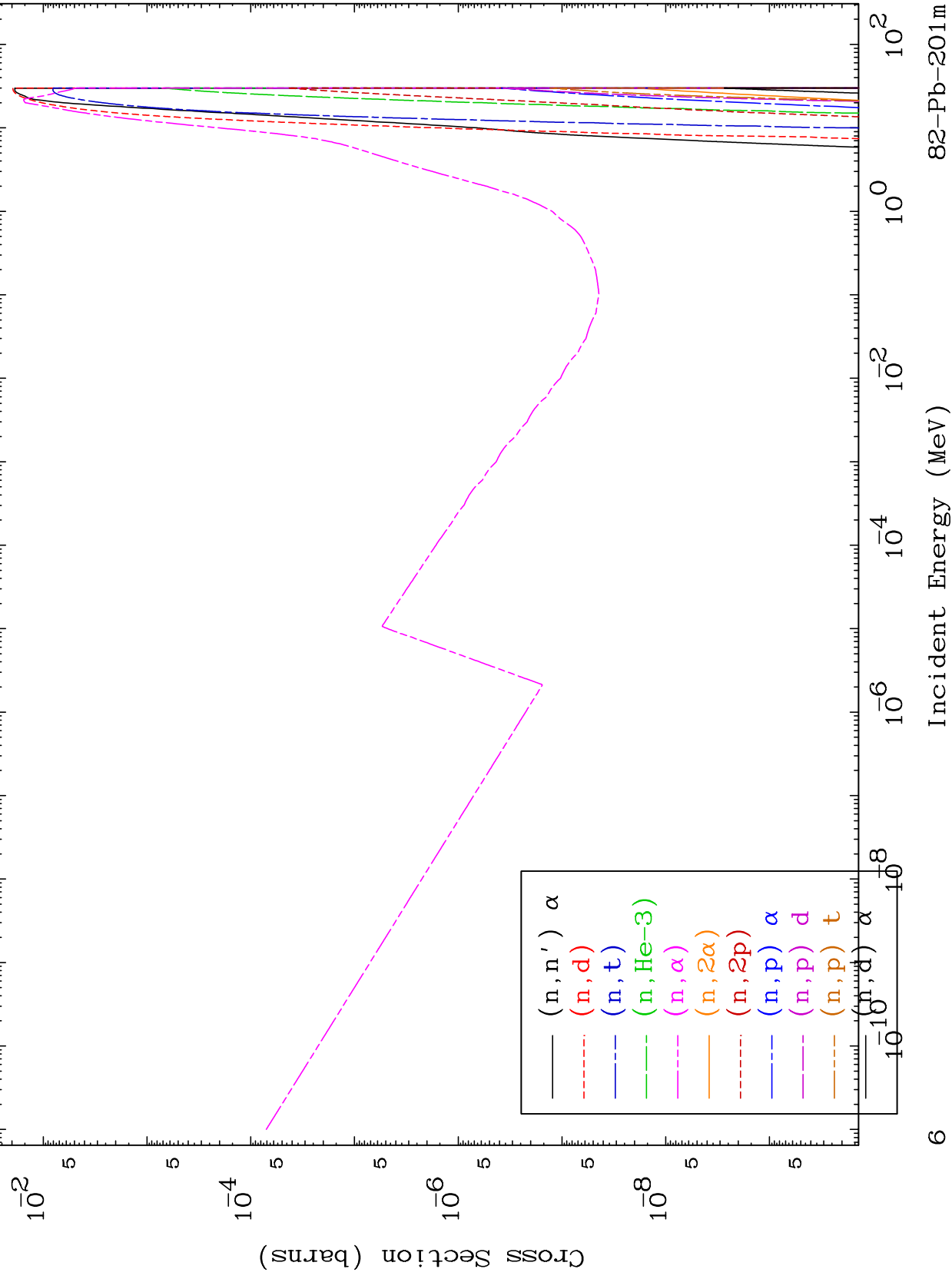
82-Pb-201m



MAT 8217

Charged Particle
293 Kelvin Cross Sections

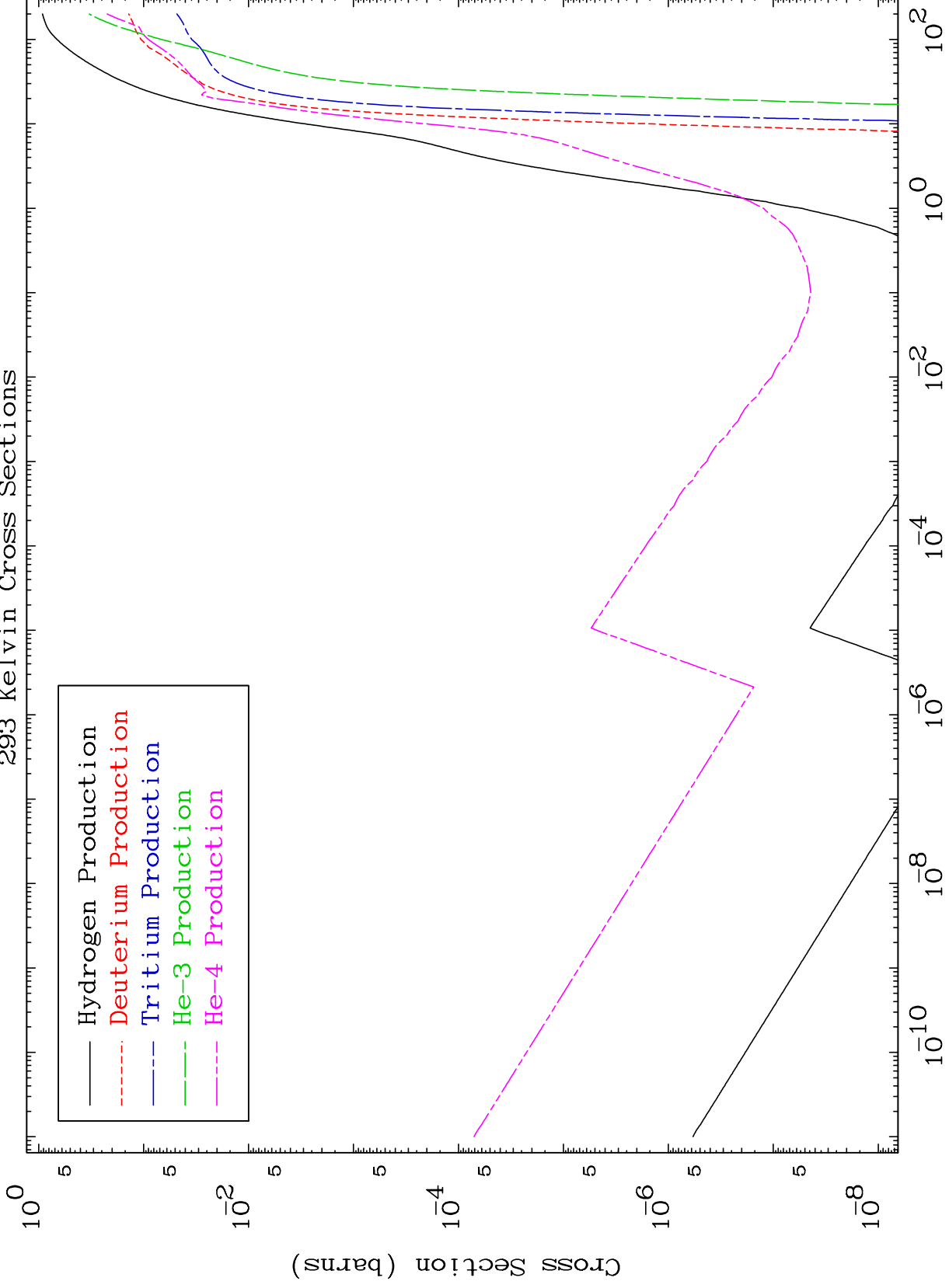
82-Pb-201m



MAT 8217

Particle Production
293 Kelvin Cross Sections

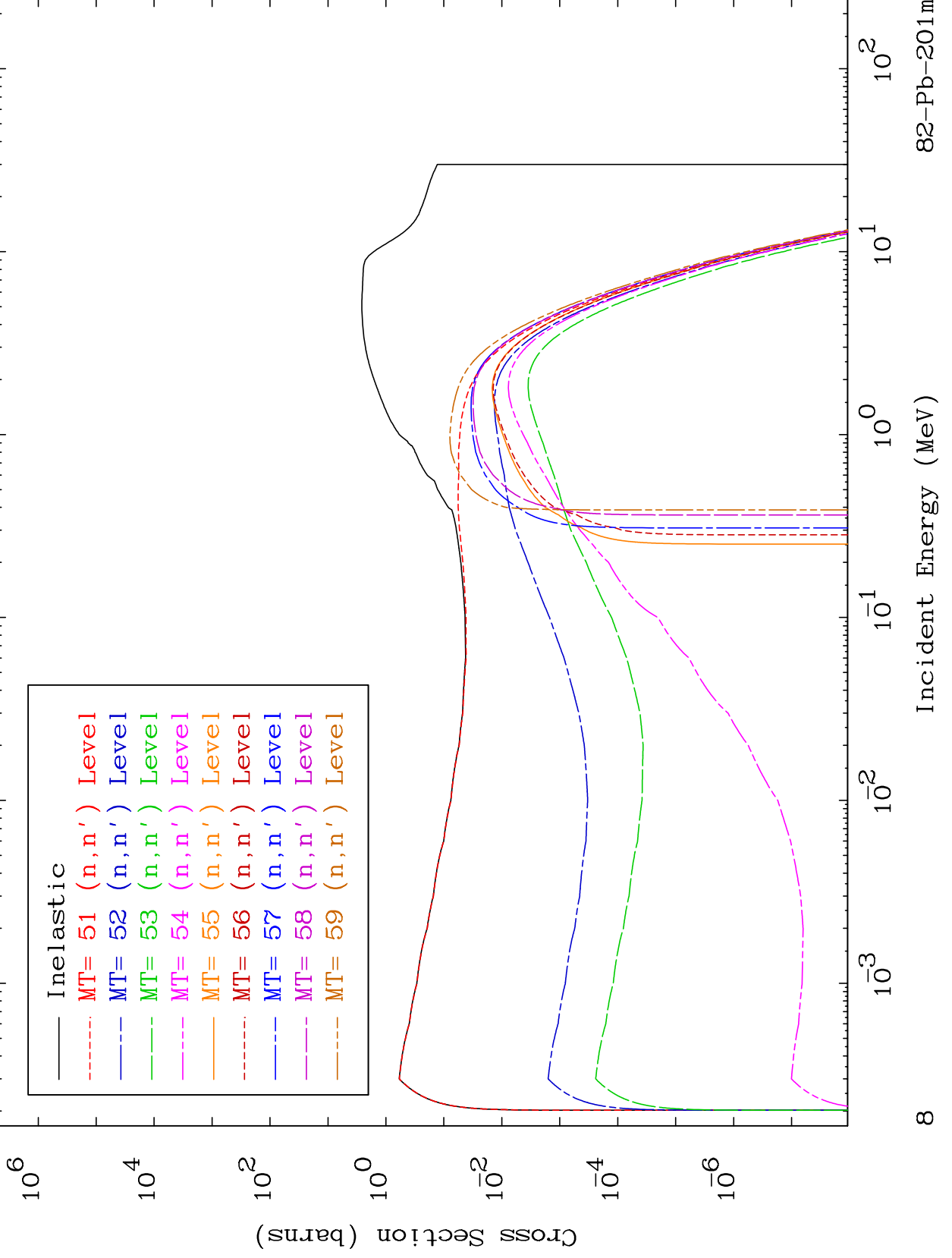
82-Pb-201m



MAT 8217

(n,n') Levels
293 Kelvin Cross Sections

82-Pb-201m

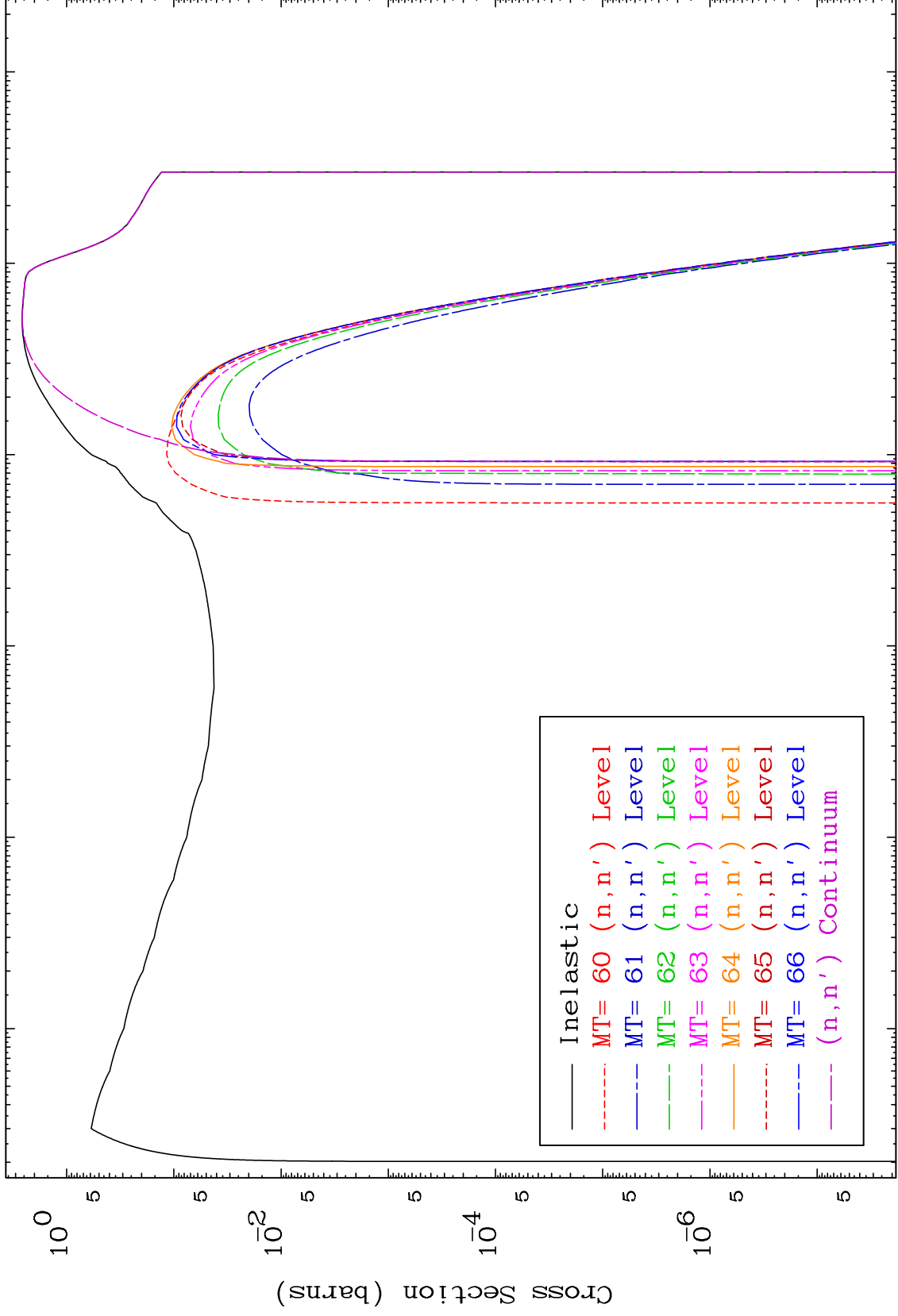


MAT 8217

(n,n') Levels

82-Pb-201m

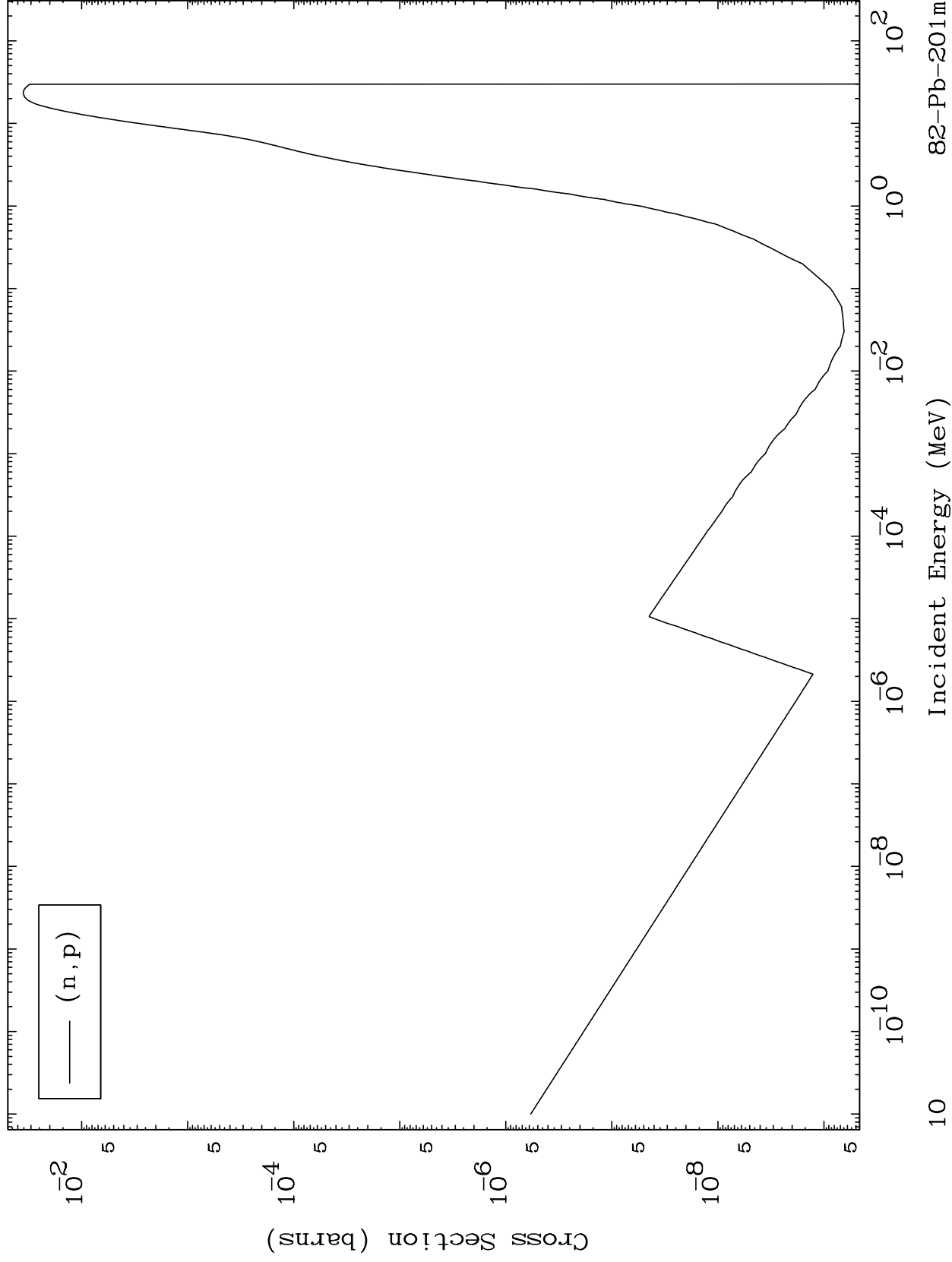
293 Kelvin Cross Sections



MAT 8217

(n,p) Levels
293 Kelvin Cross Sections

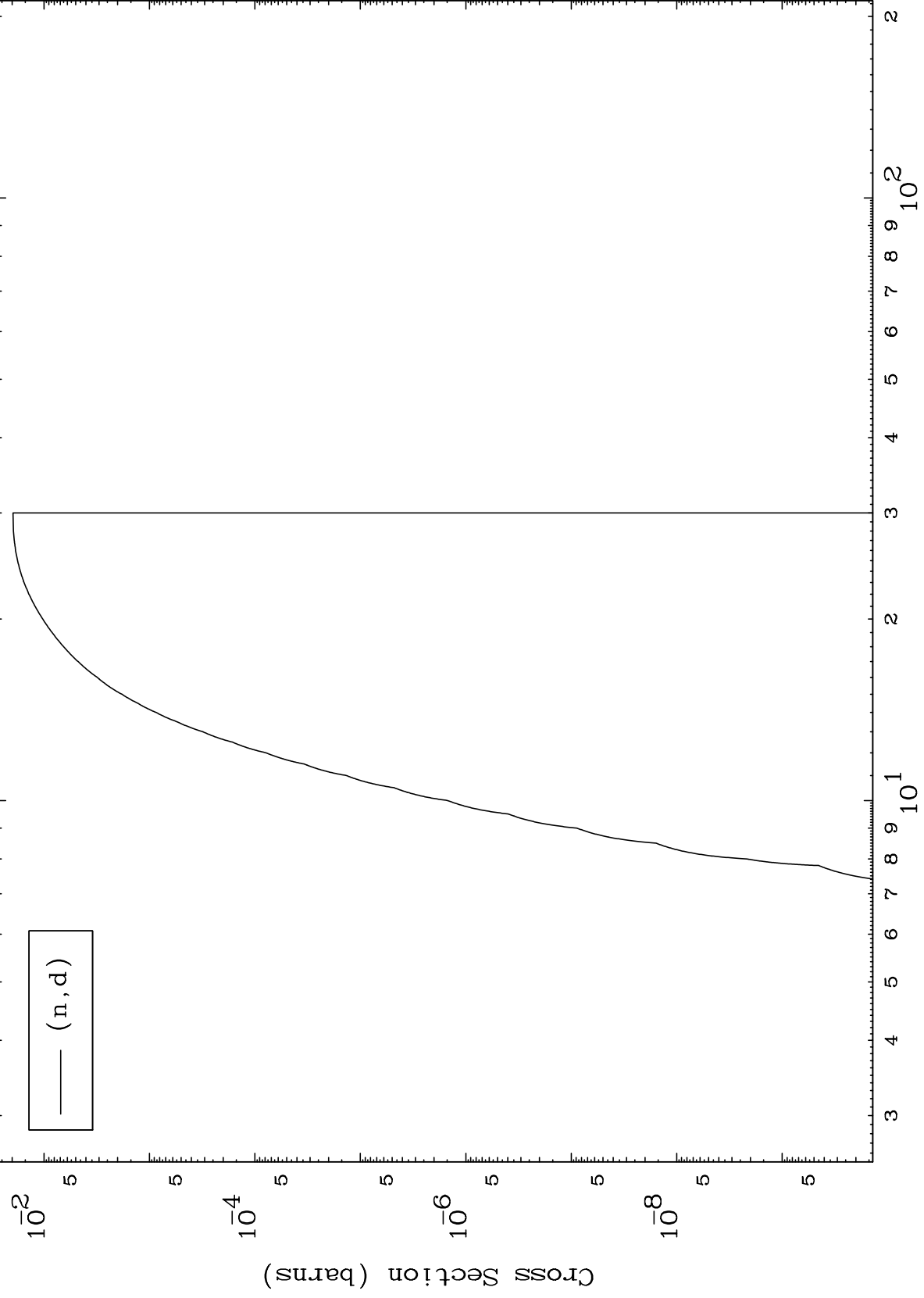
82-Pb-201m



MAT 8217

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-201m



11

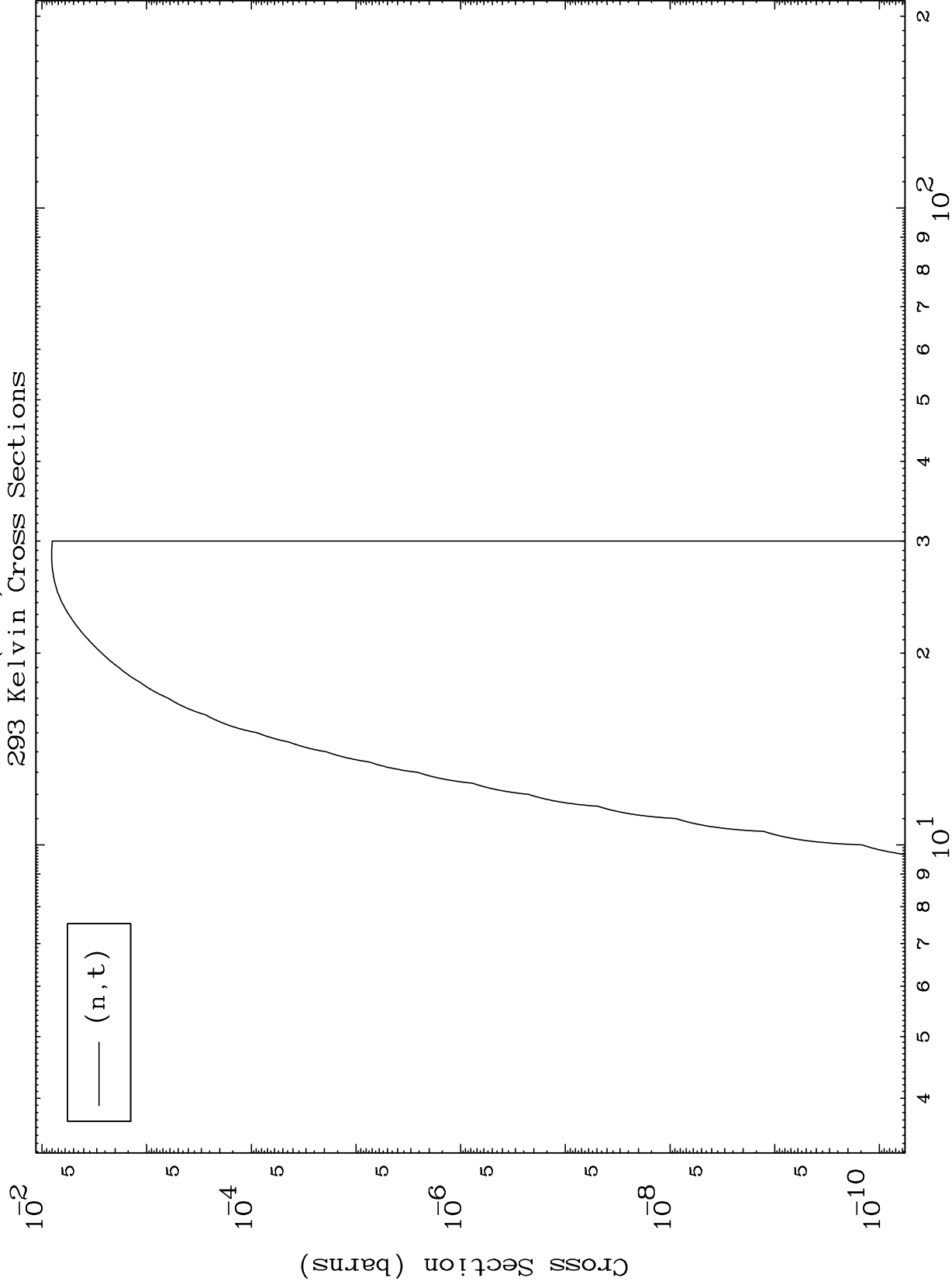
Incident Energy (MeV)

82-Pb-201m

MAT 8217

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-201m



12

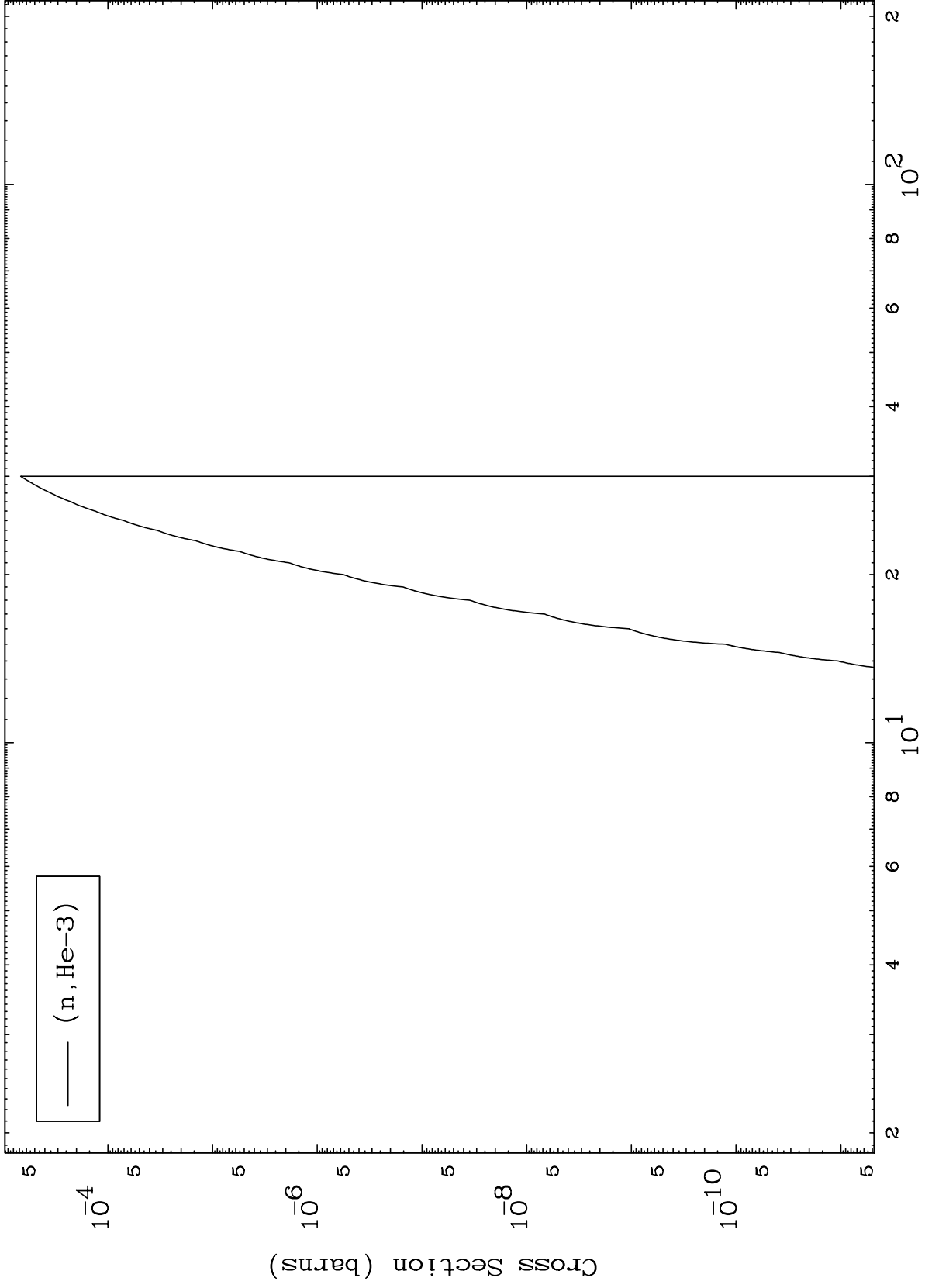
Incident Energy (MeV)

82-Pb-201m

MAT 8217

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-201m



13

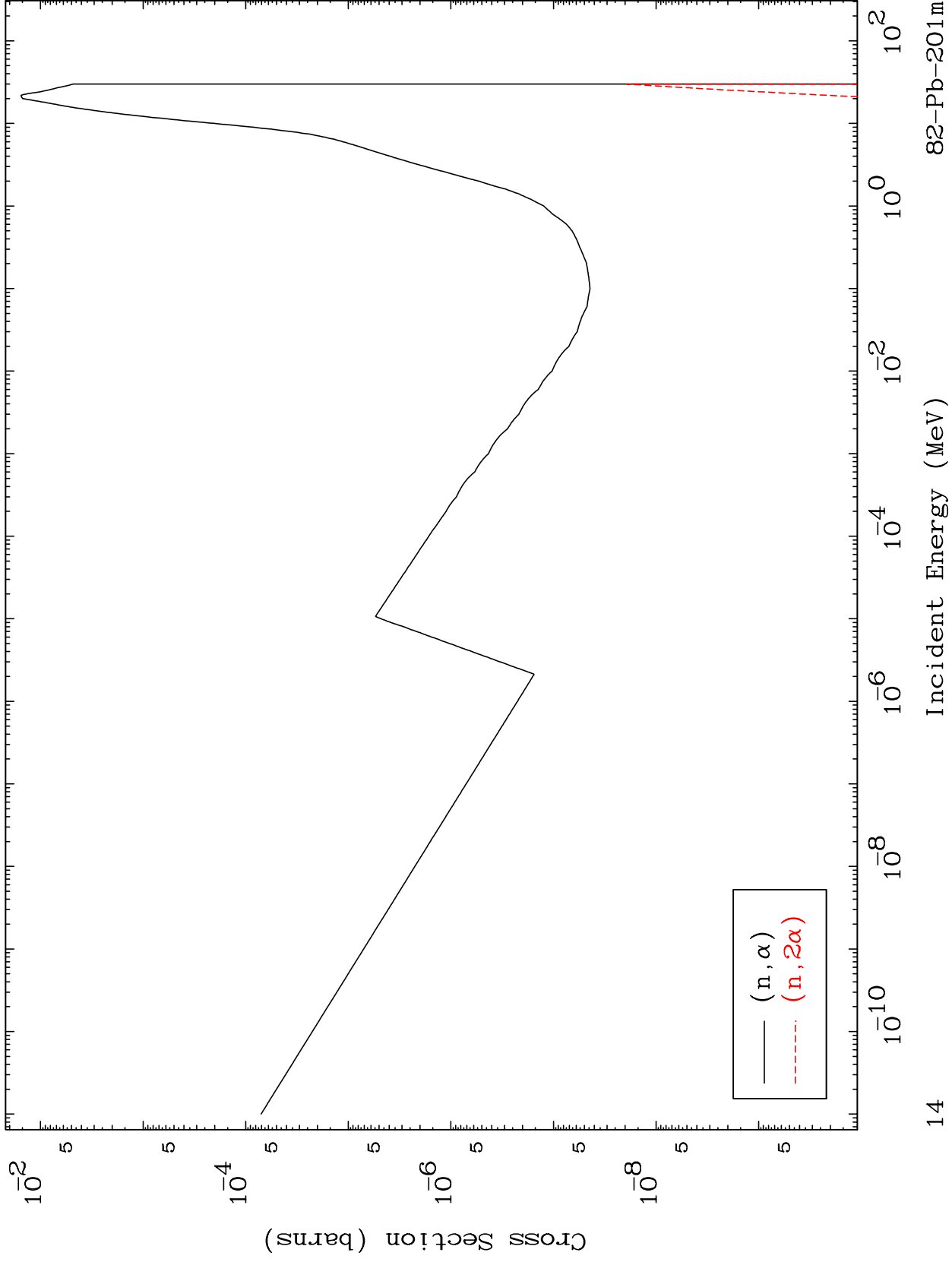
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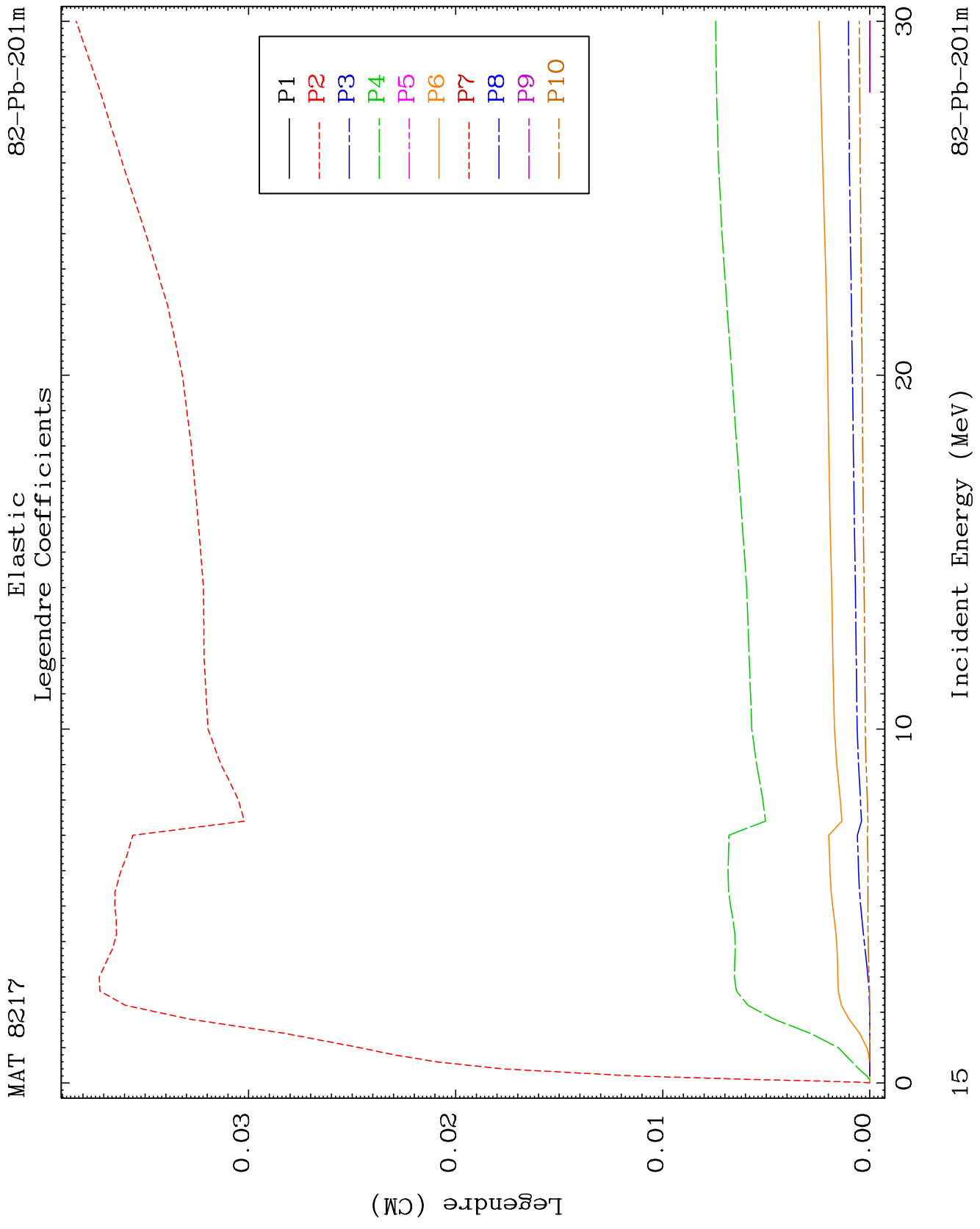
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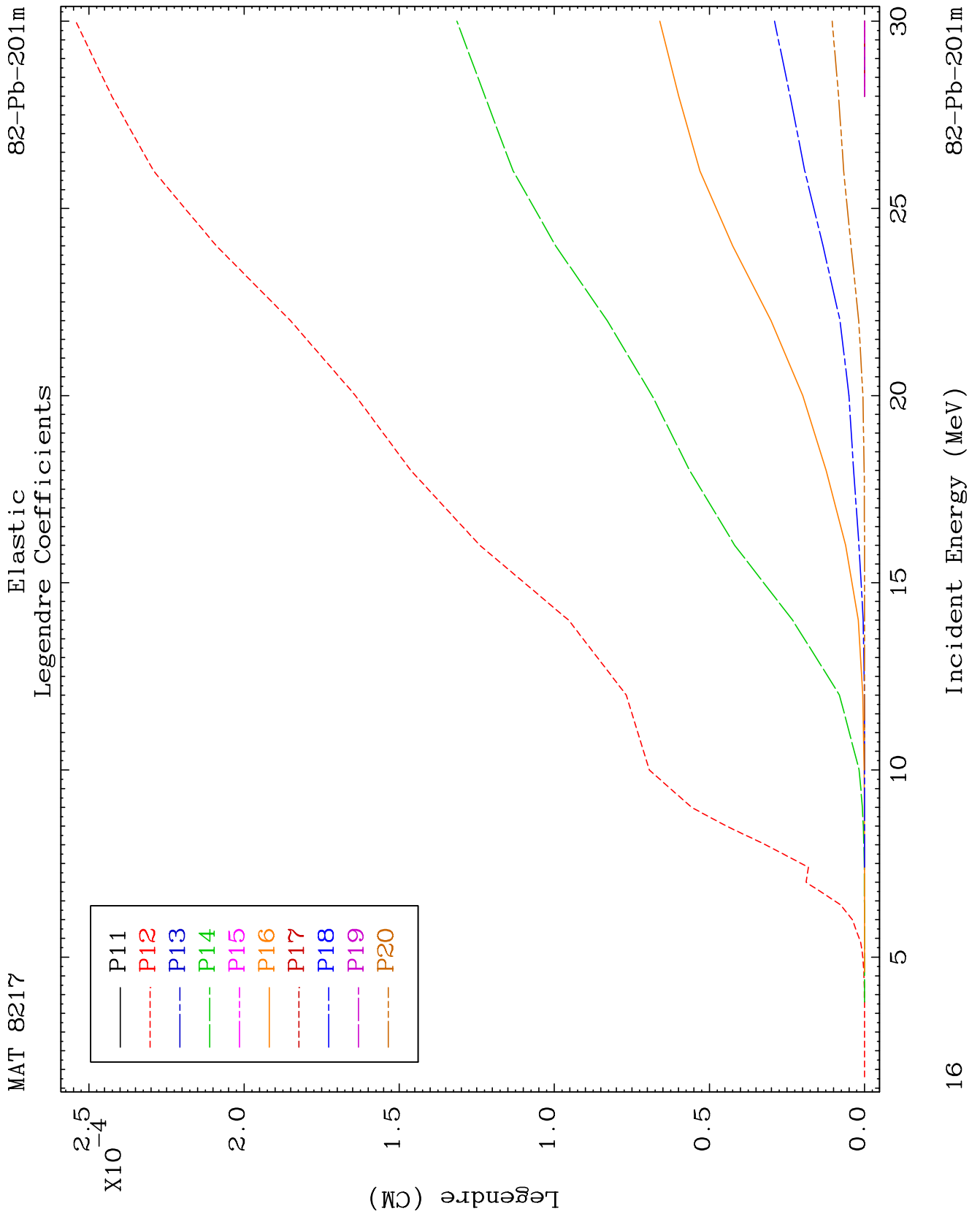
MAT 8217

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-201m



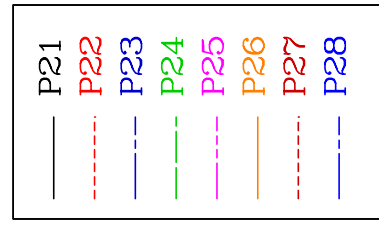




MAT 8217

Elastic
Legendre Coefficients

82-Pb-201m



$\times 10^{-6}$
2.0
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

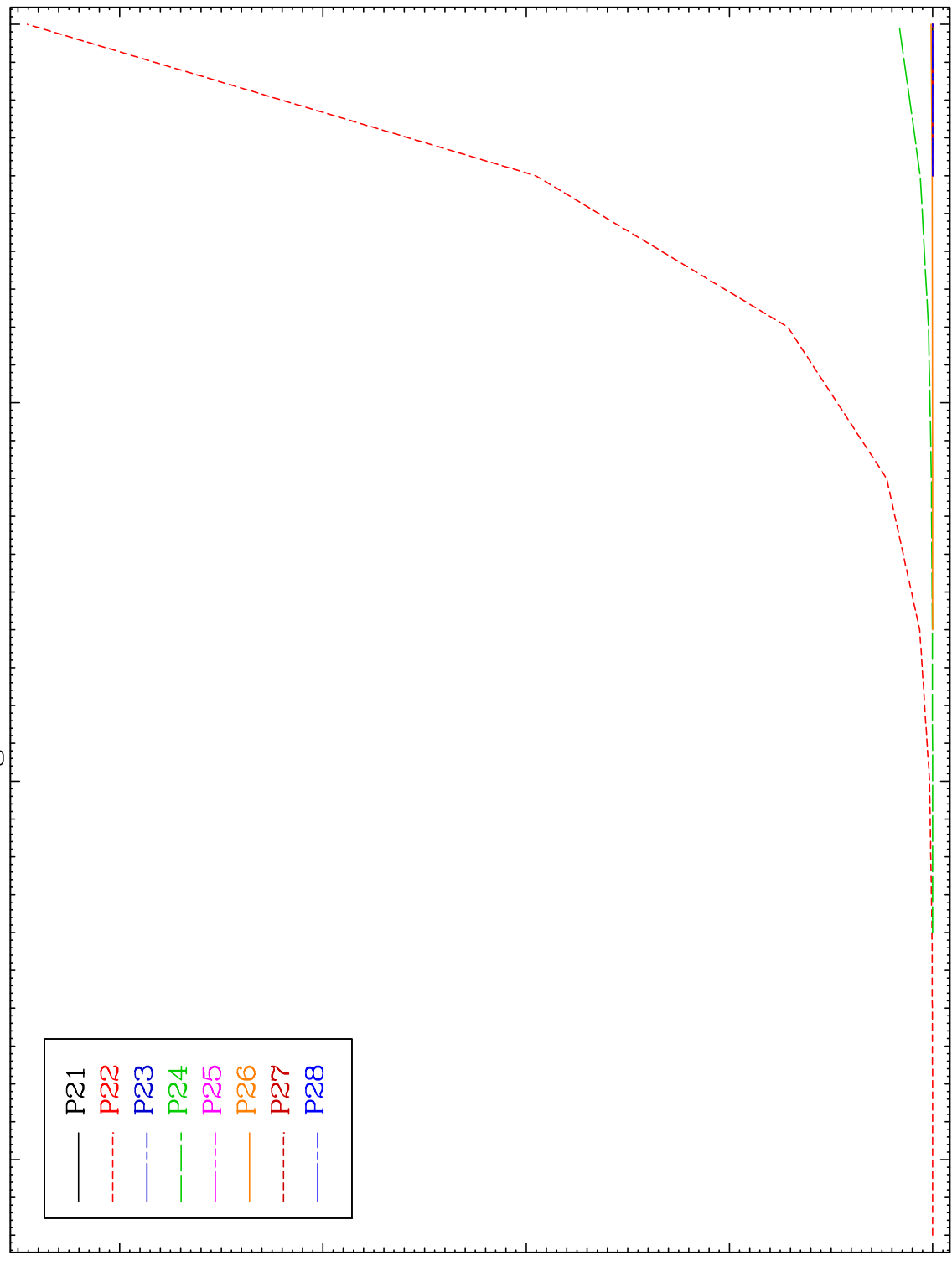
25

30

17

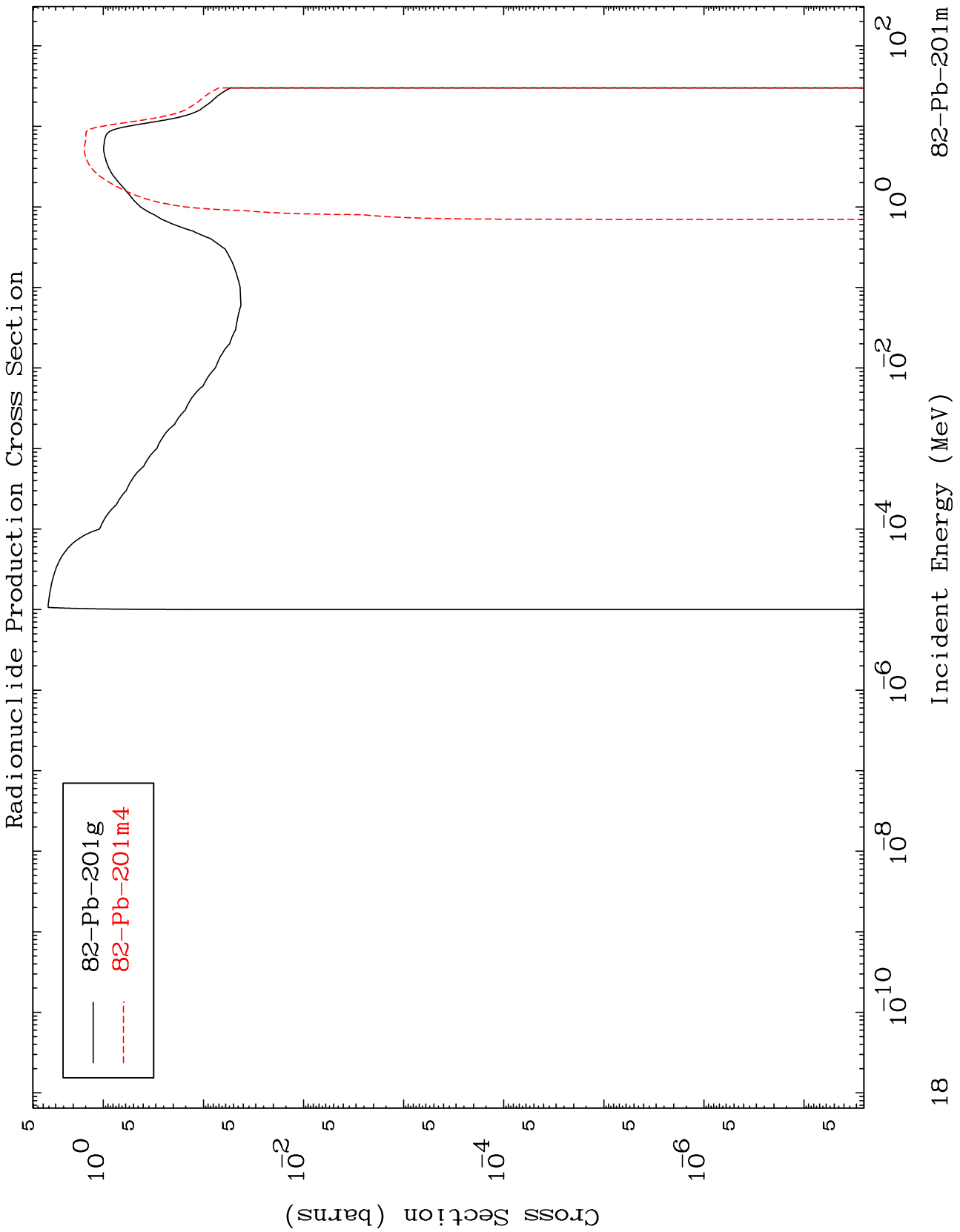
Incident Energy (MeV)

82-Pb-201m



MAT 8217

82-Pb-201m

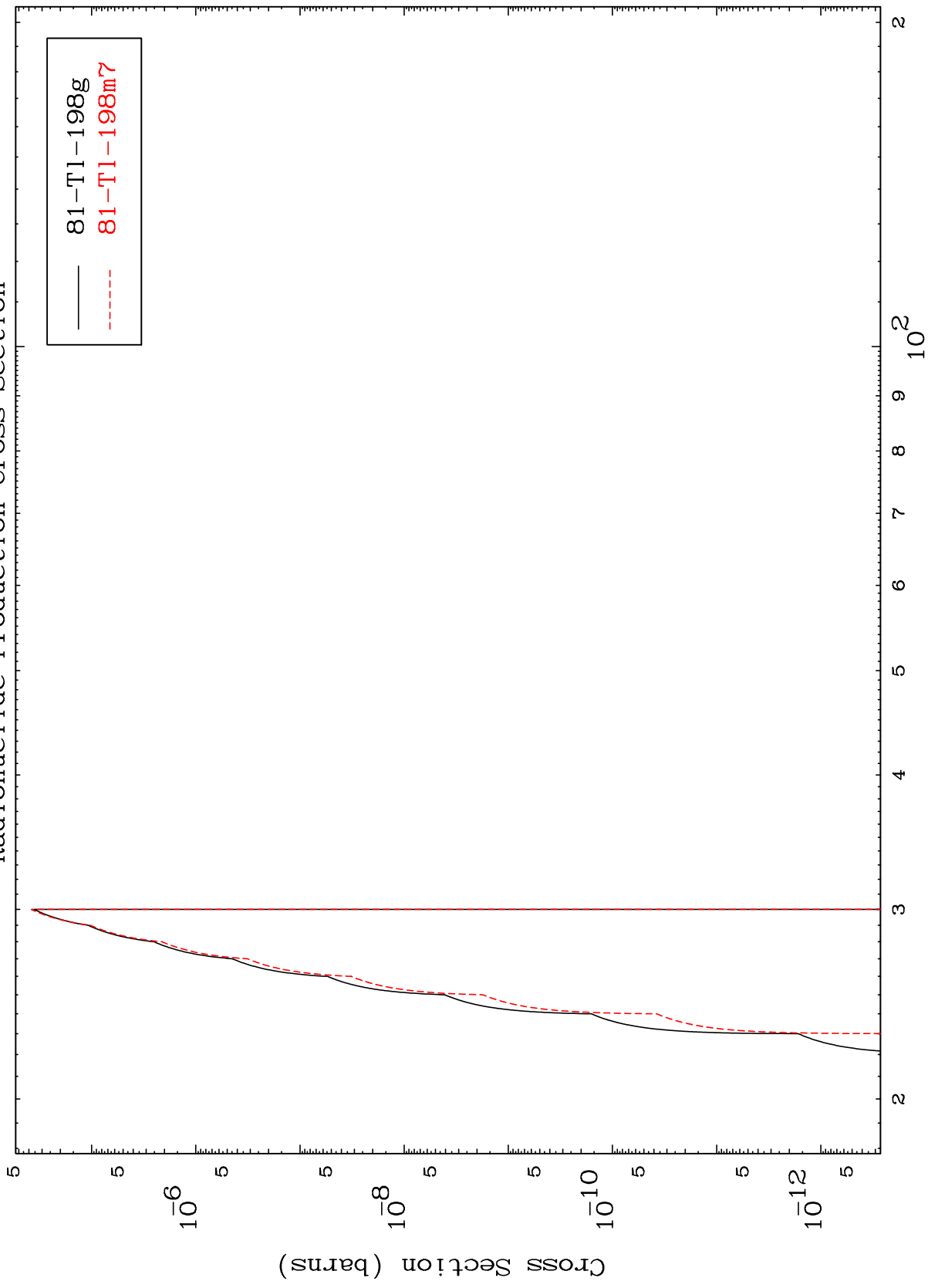


MAT 8217

(n,2n) d

82-Pb-201m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

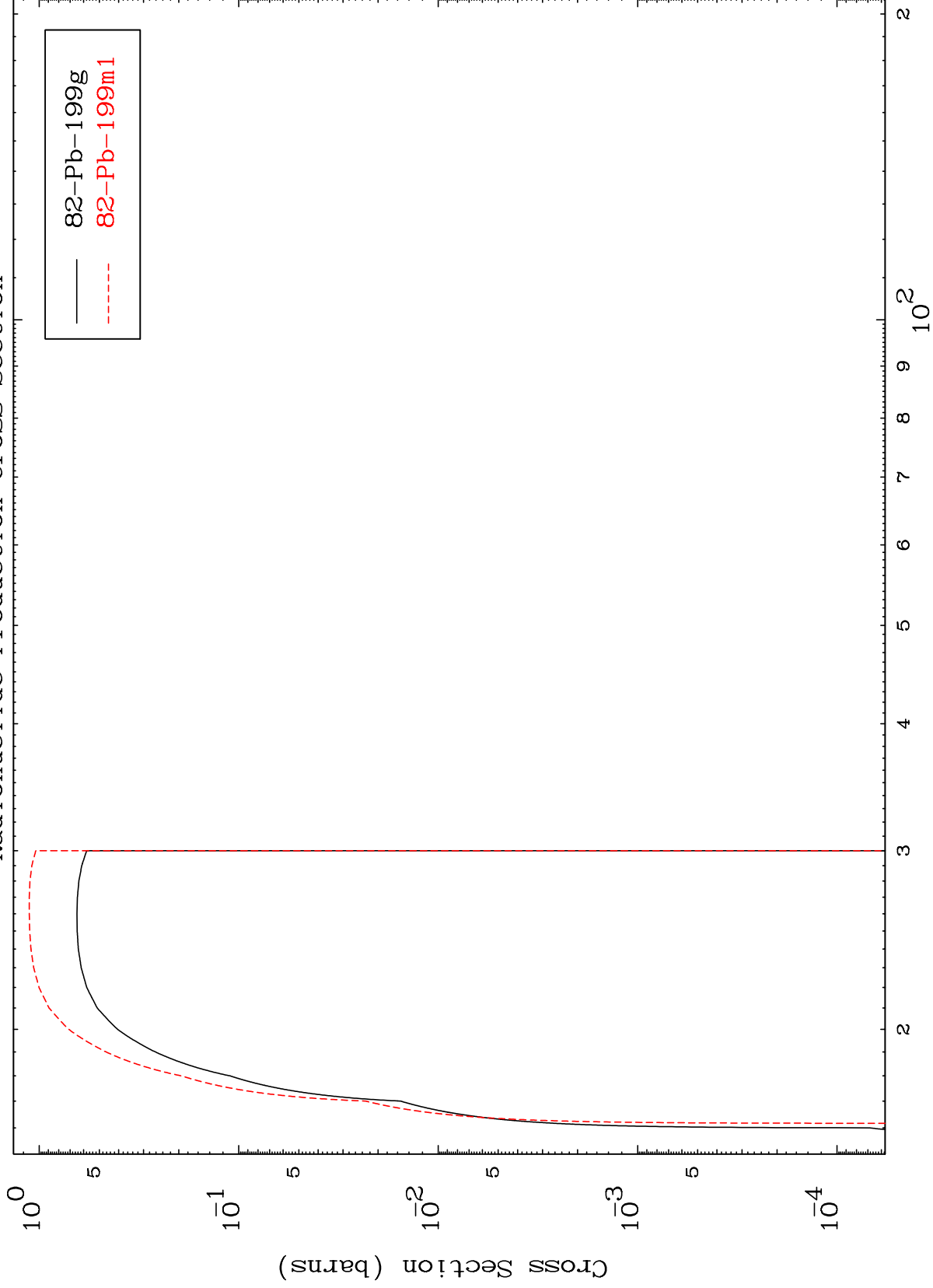
82-Pb-201m

MAT 8217

(n,3n)

82-Pb-201m

Radionuclide Production Cross Section



20

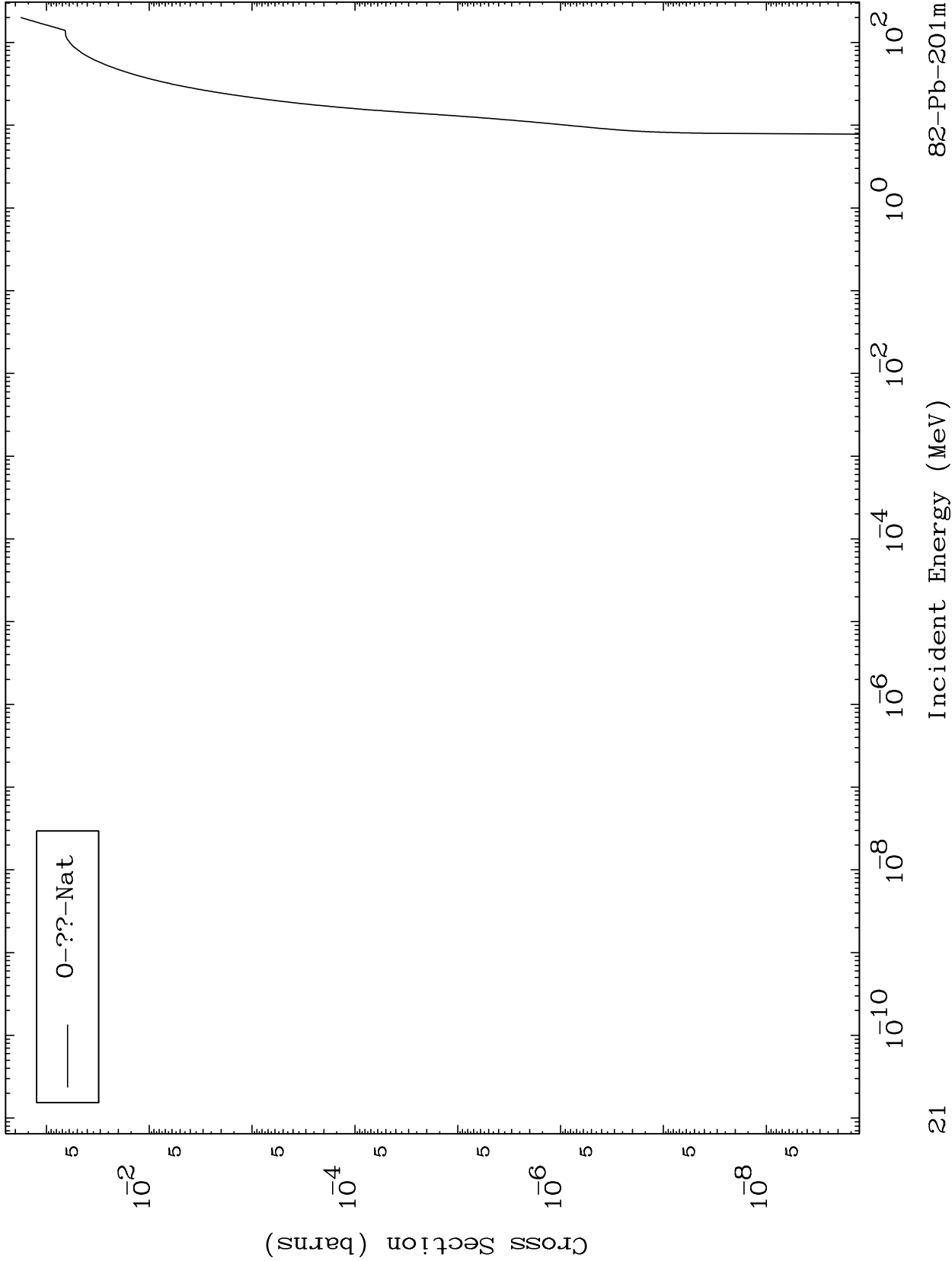
Incident Energy (MeV)

82-Pb-201m

MAT 8217

Fission
Radionuclide Production Cross Section

82-Pb-201m

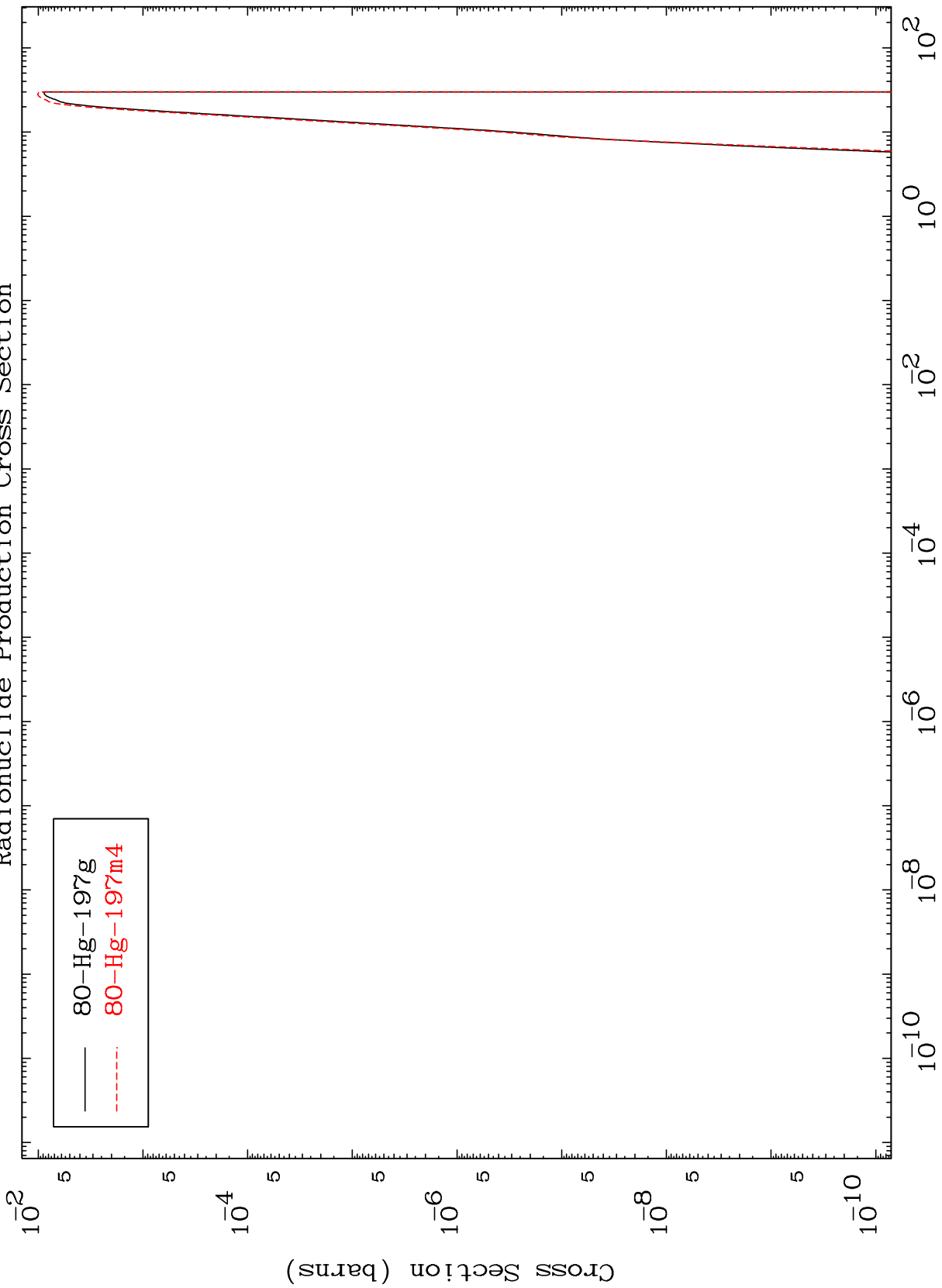


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$(n, n') \alpha$

82-Pb-201m

Radionuclide Production Cross Section

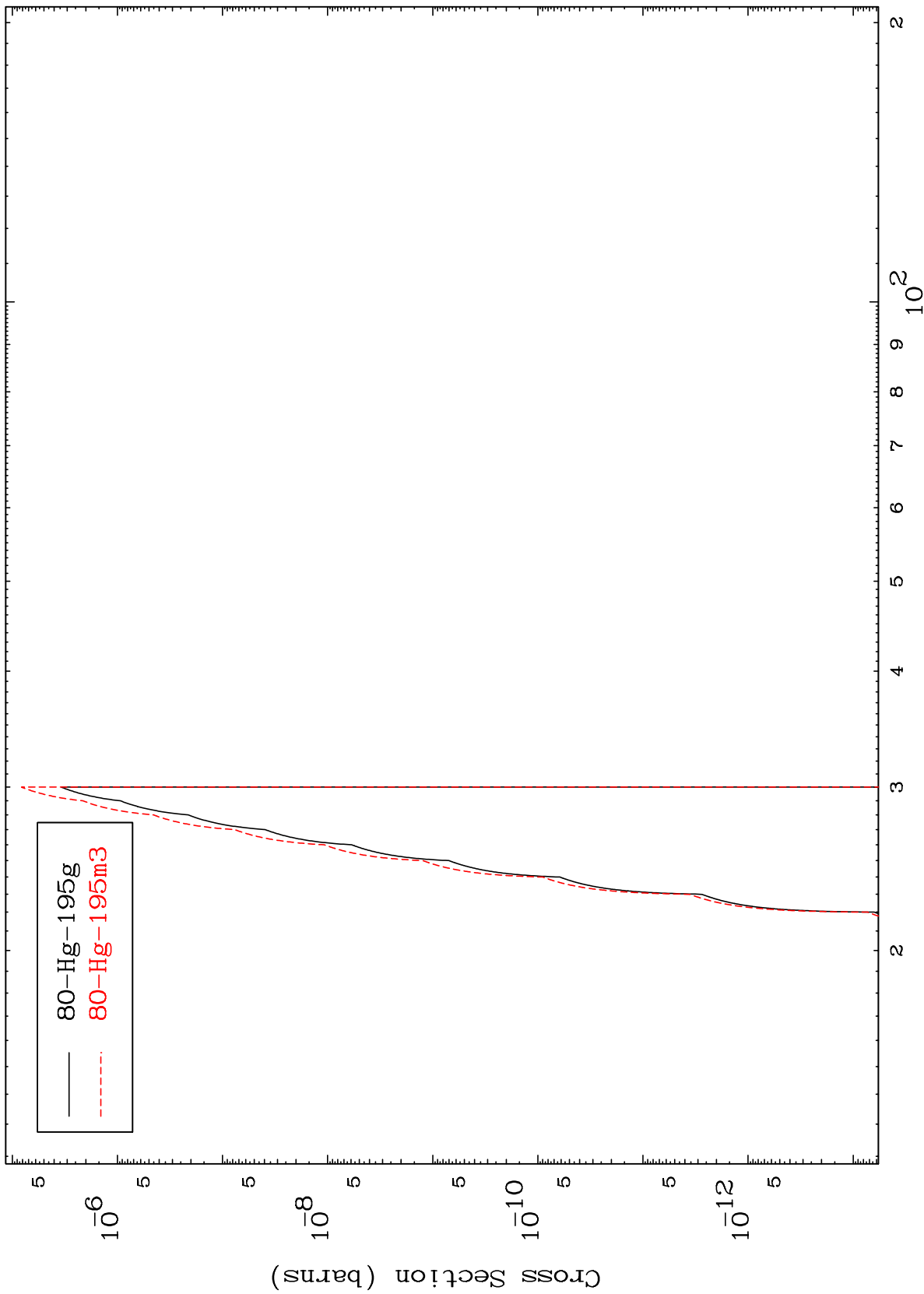


MAT 8217

(n,3n) α

82-Pb-201m

Radionuclide Production Cross Section

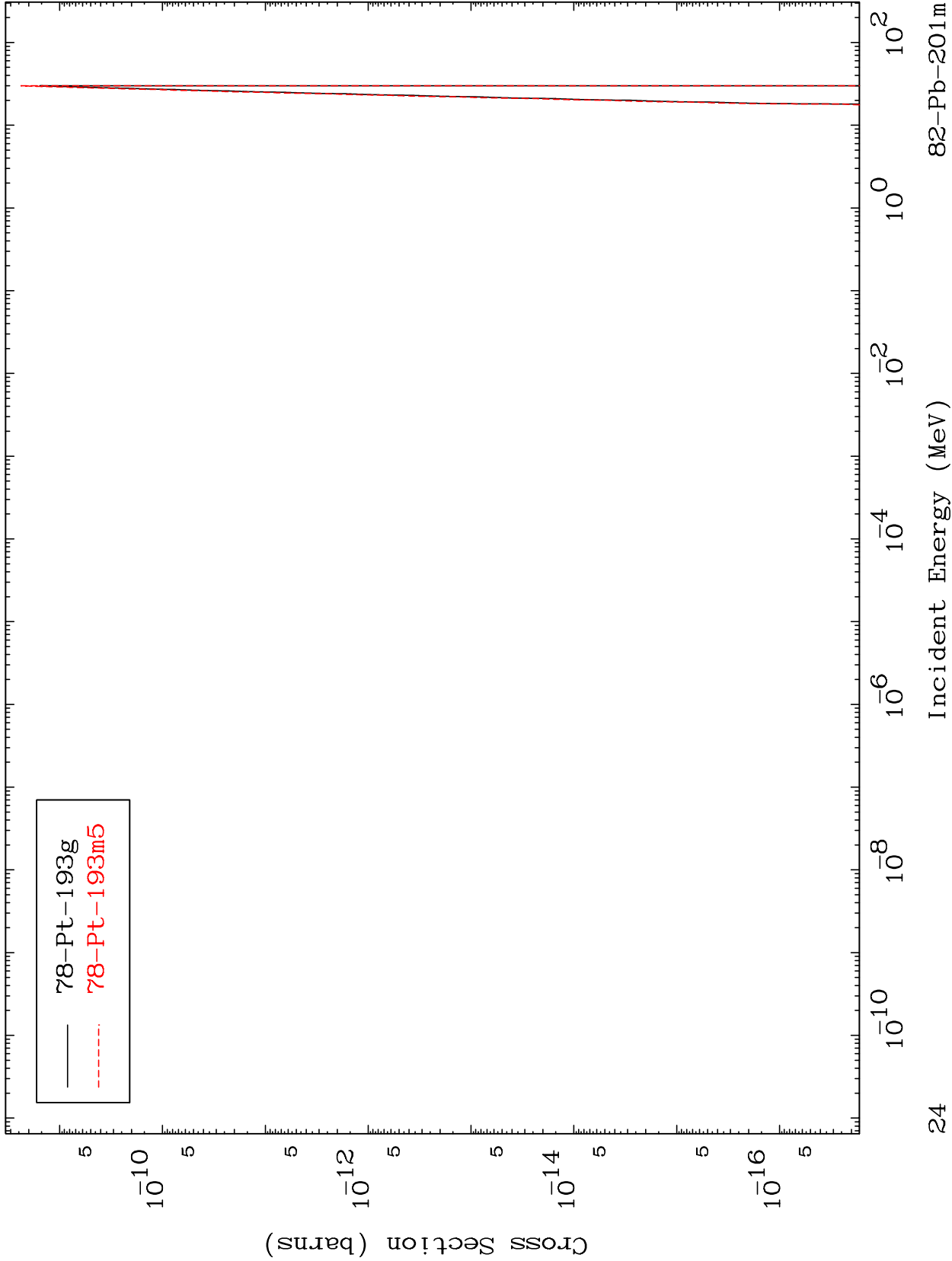


MAT 8217

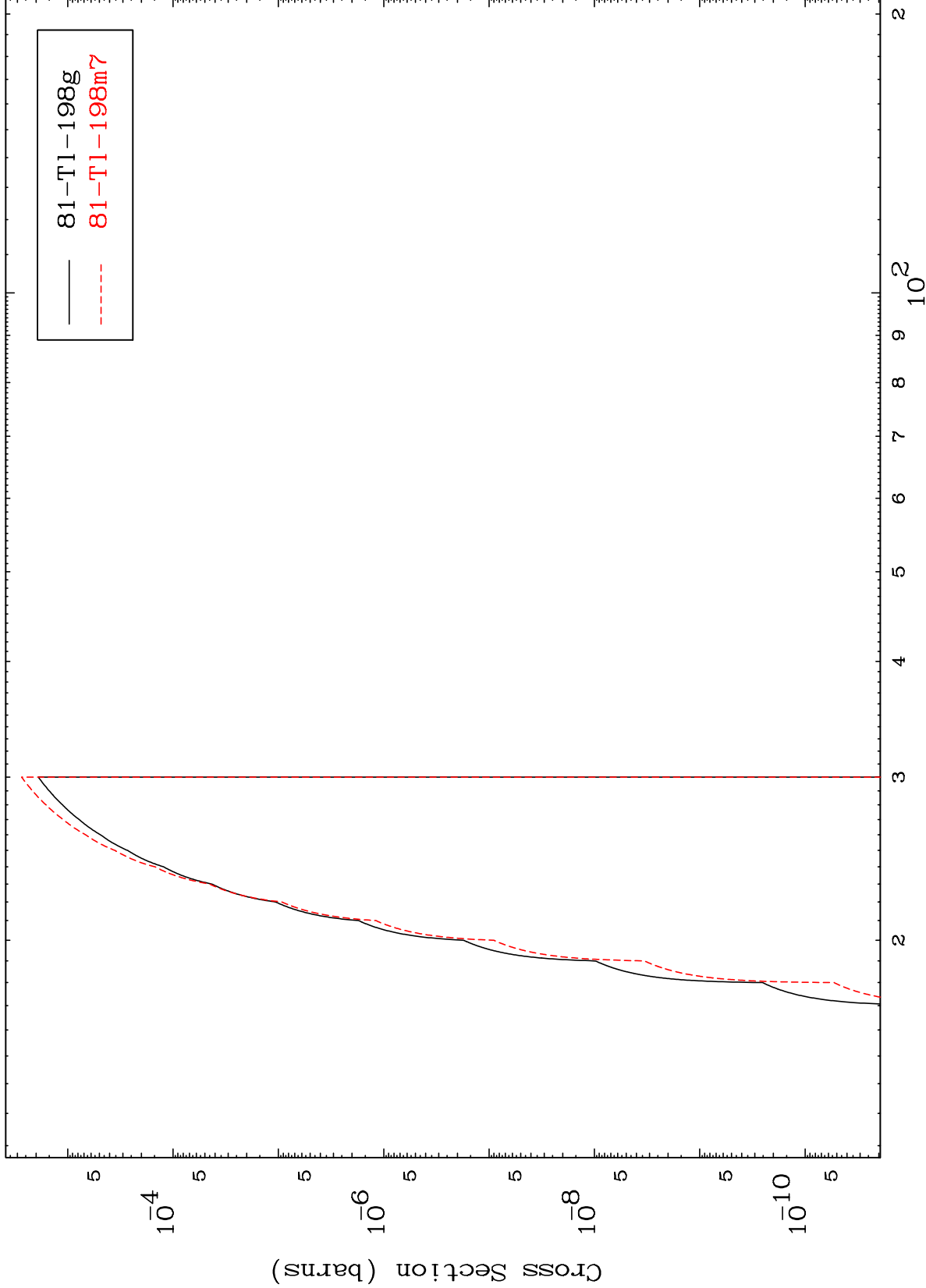
(n,n') 2 α

82-Pb-201m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

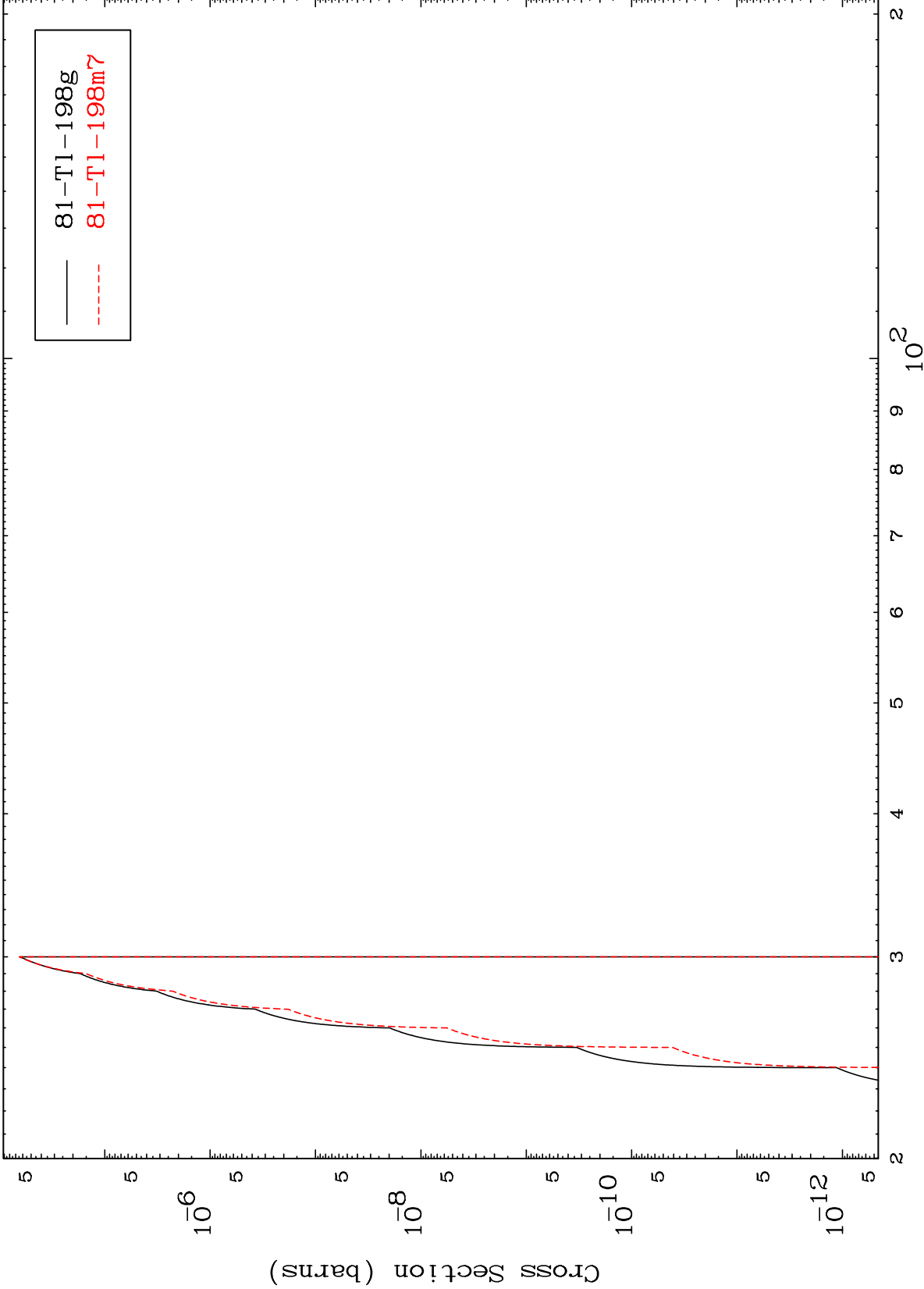


MAT 8217

(n,3n) p

82-Pb-201m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

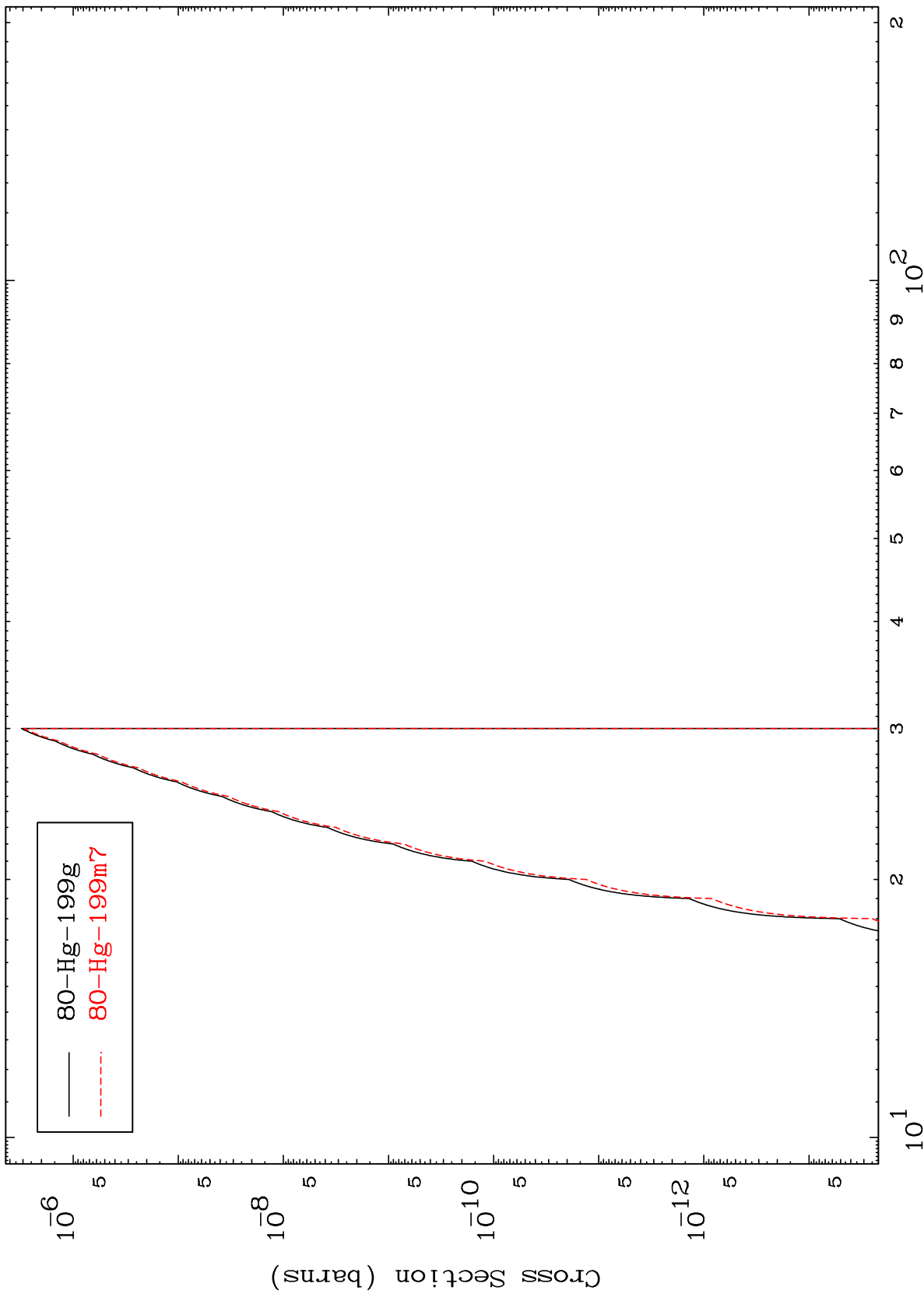
82-Pb-201m

MAT 8217

(n,2n) p

82-Pb-201m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

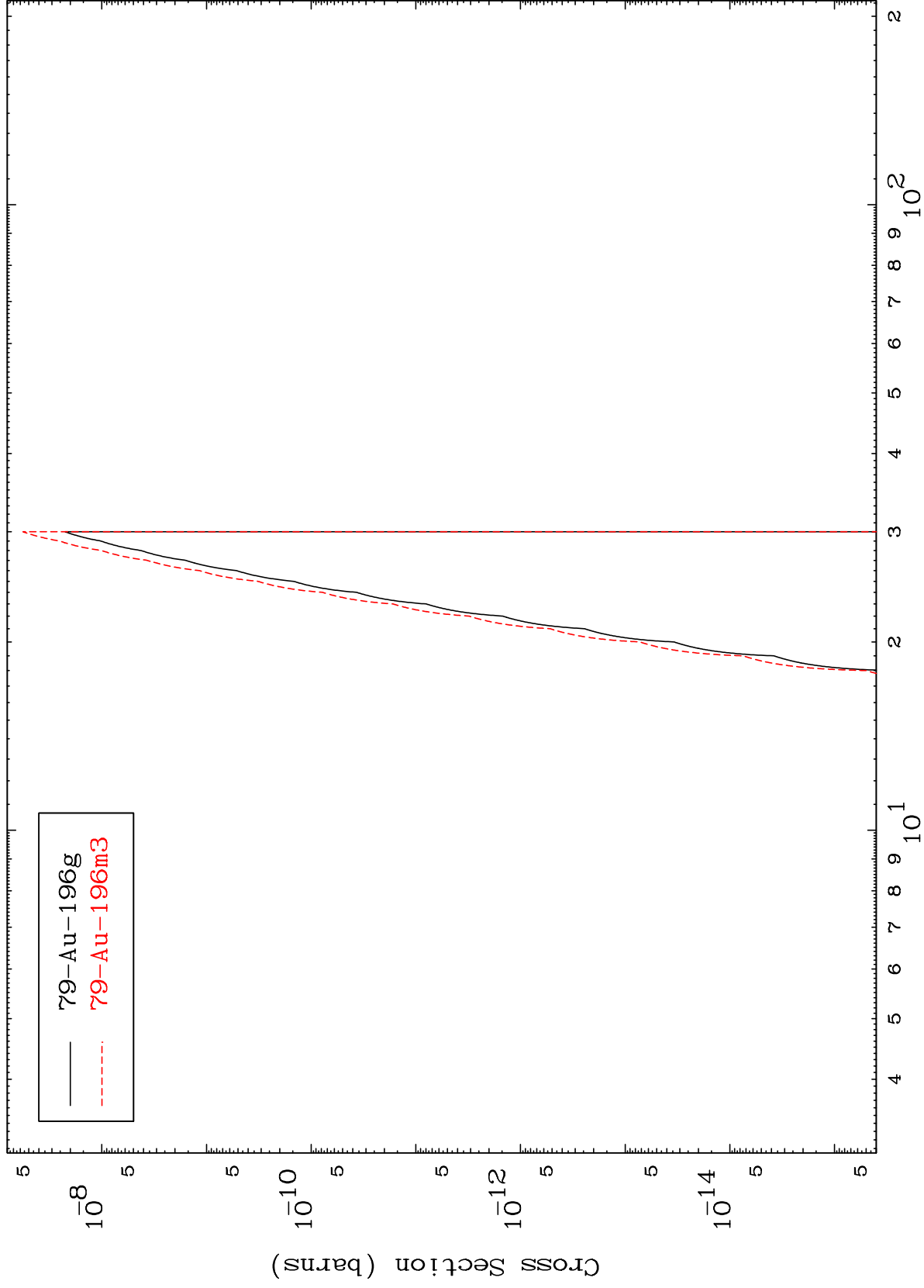
82-Pb-201m

MAT 8217

(n,n') p α

82-Pb-201m

Radionuclide Production Cross Section



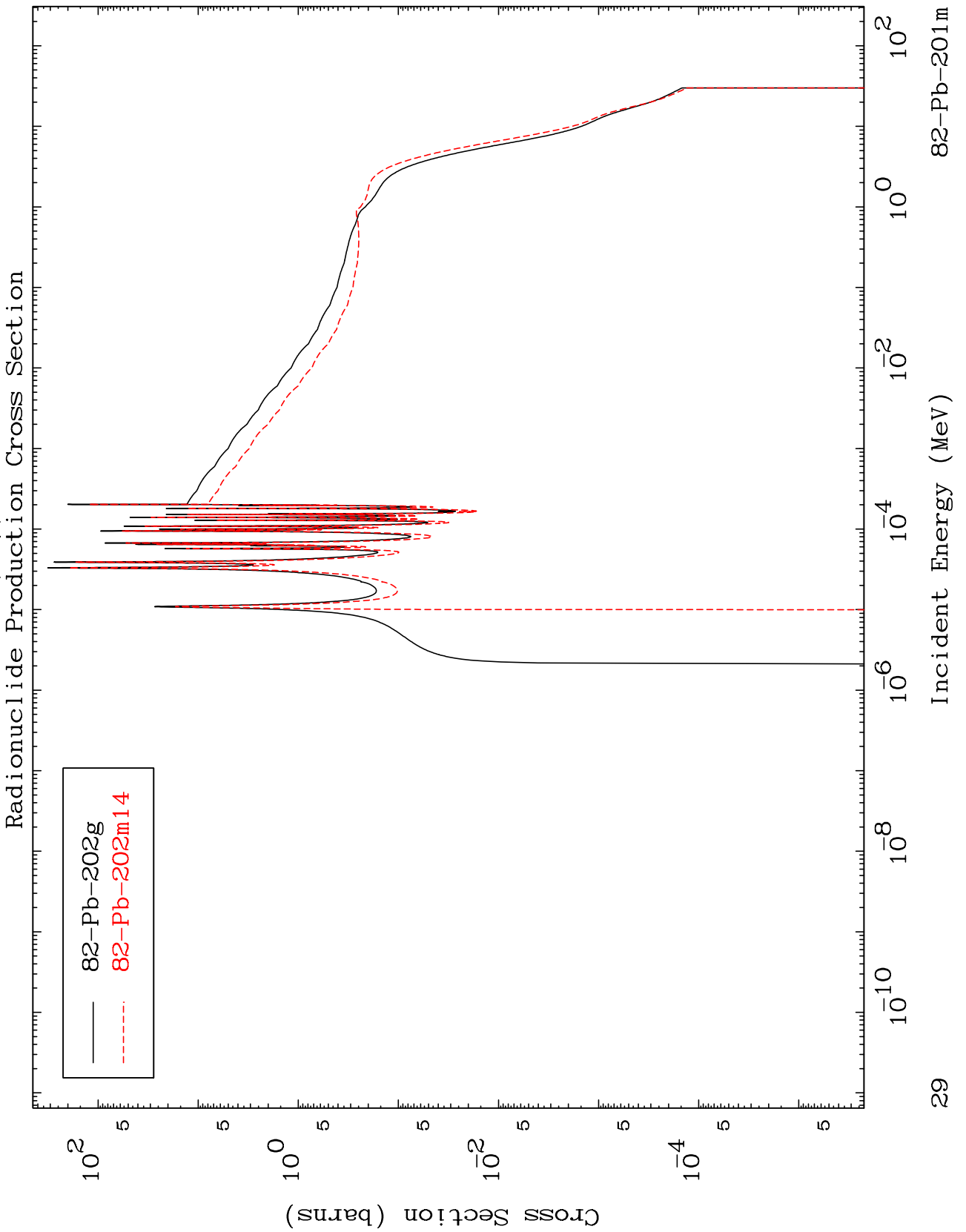
28

Incident Energy (MeV)

82-Pb-201m

MAT 8217

82-Pb-201m

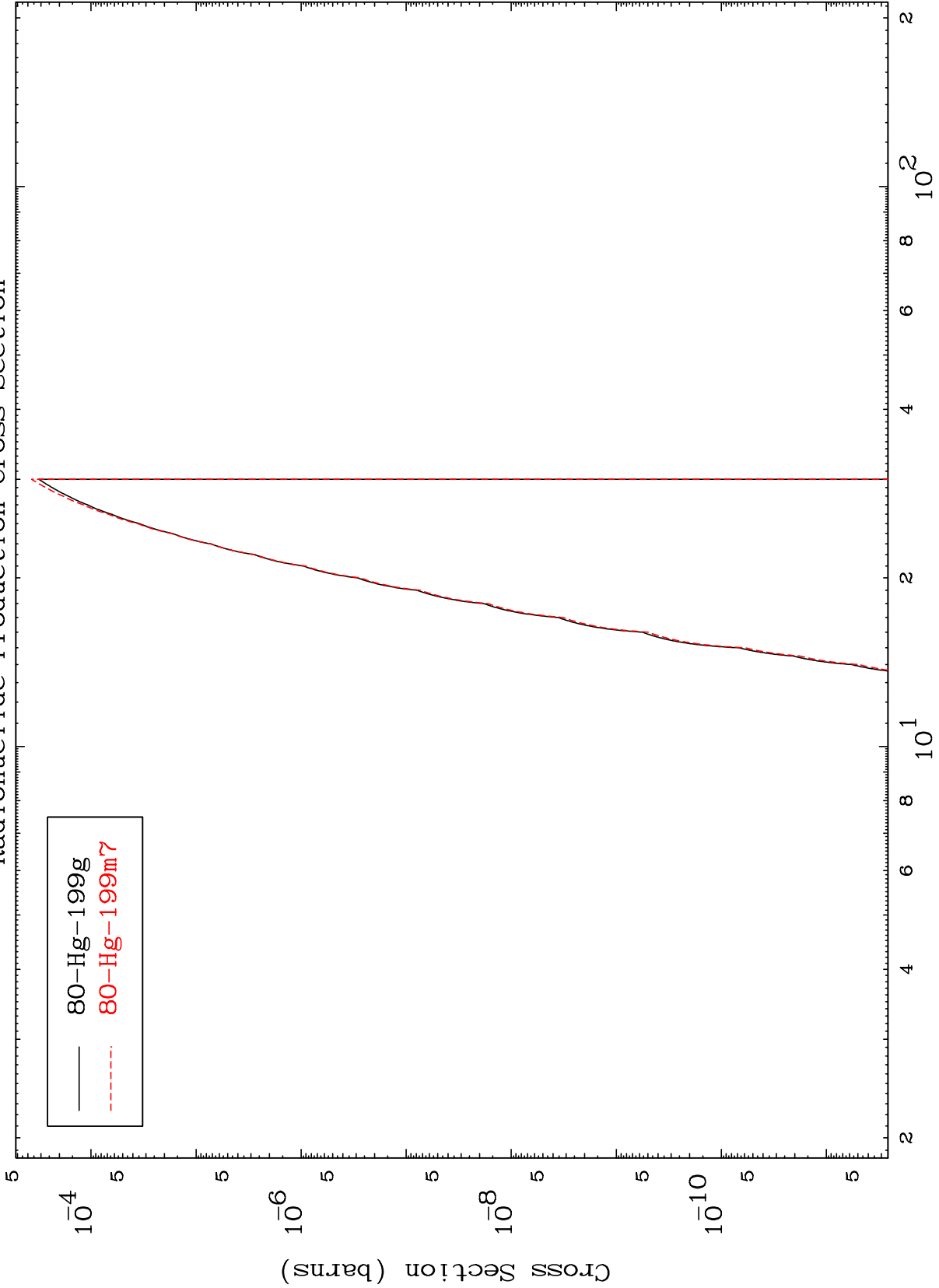


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(n,He-3)

82-Pb-201m

Radionuclide Production Cross Section



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

30

Incident Energy (MeV)

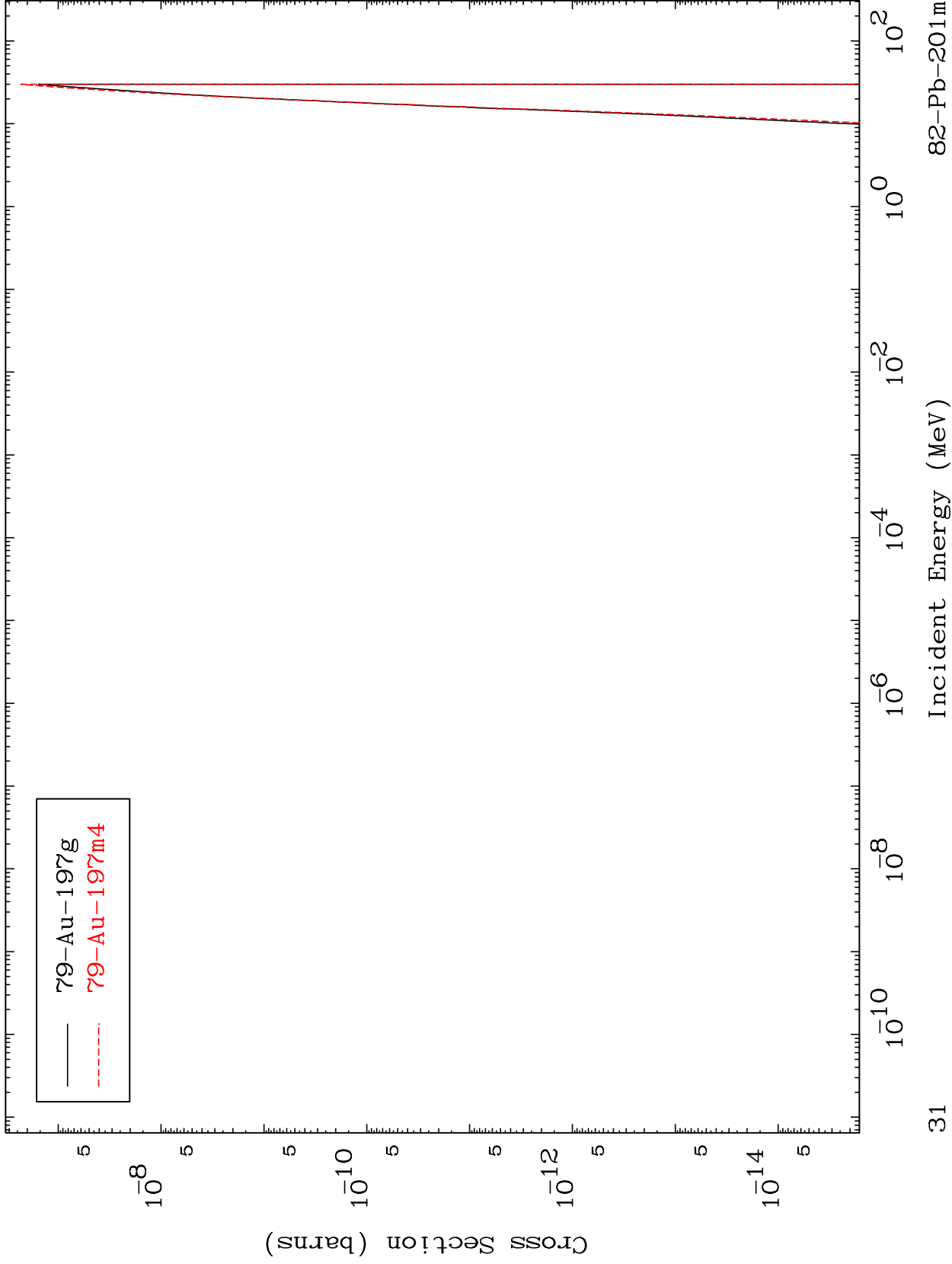
82-Pb-201m

MAT 8217

(n,p) α

82-Pb-201m

Radionuclide Production Cross Section

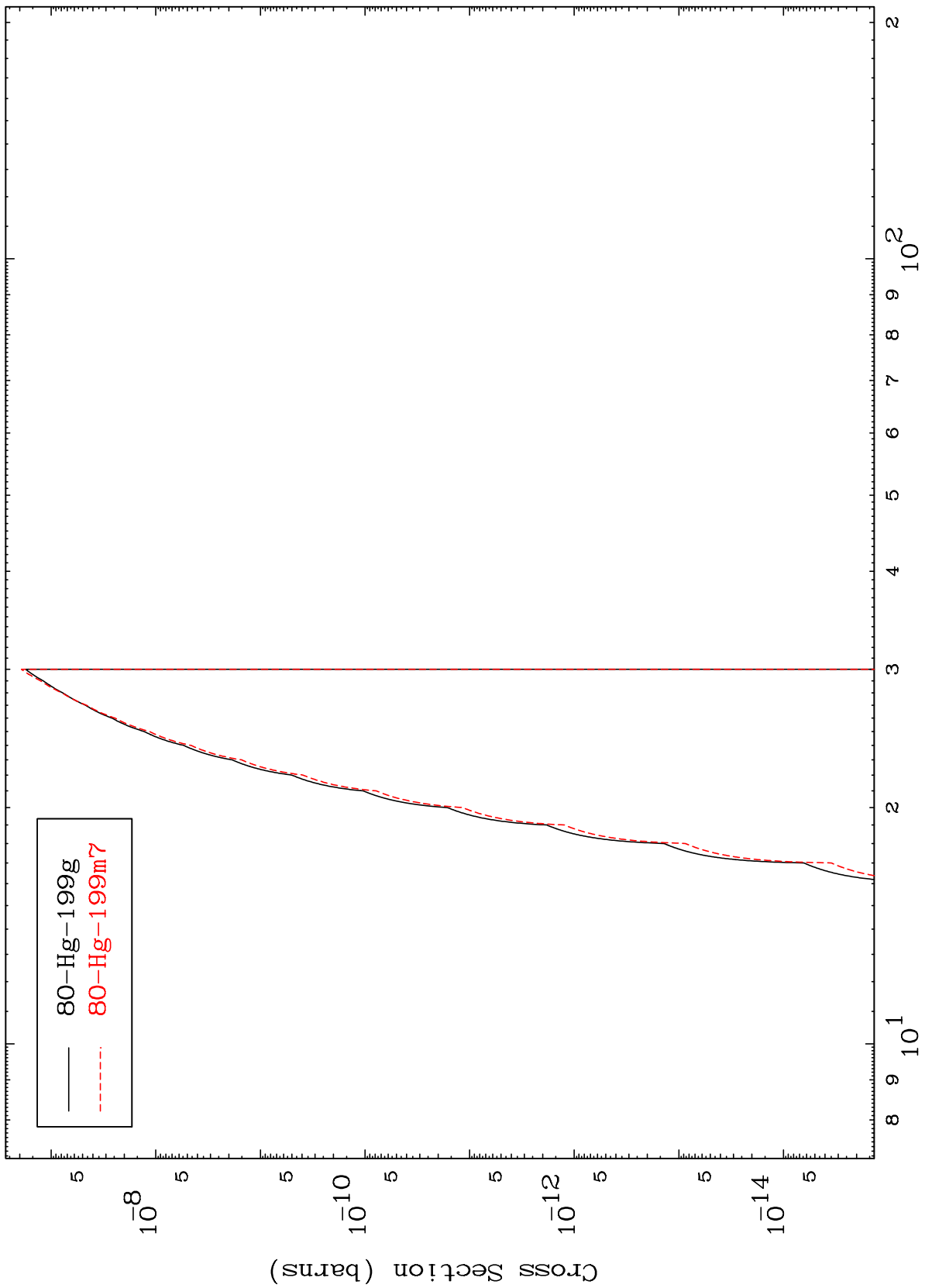


MAT 8217

(n,p) d

82-Pb-201m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

82-Pb-201m

MAT 8217

(n,d) α

82-Pb-201m

Radionuclide Production Cross Section

