

Program EVALPLOT  
(Version 2021-1)

by

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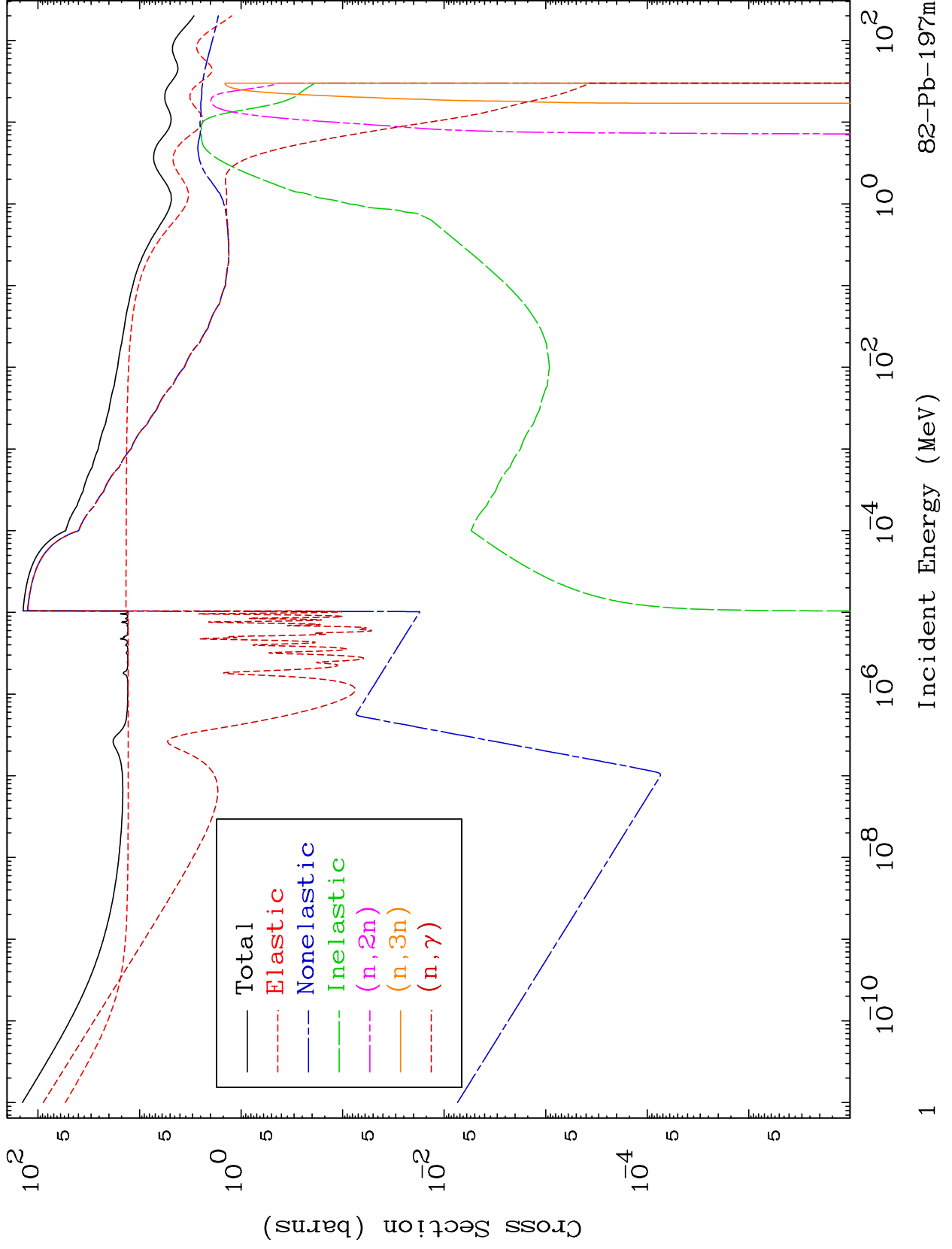
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8205

Neutron Major  
293 Kelvin Cross Sections

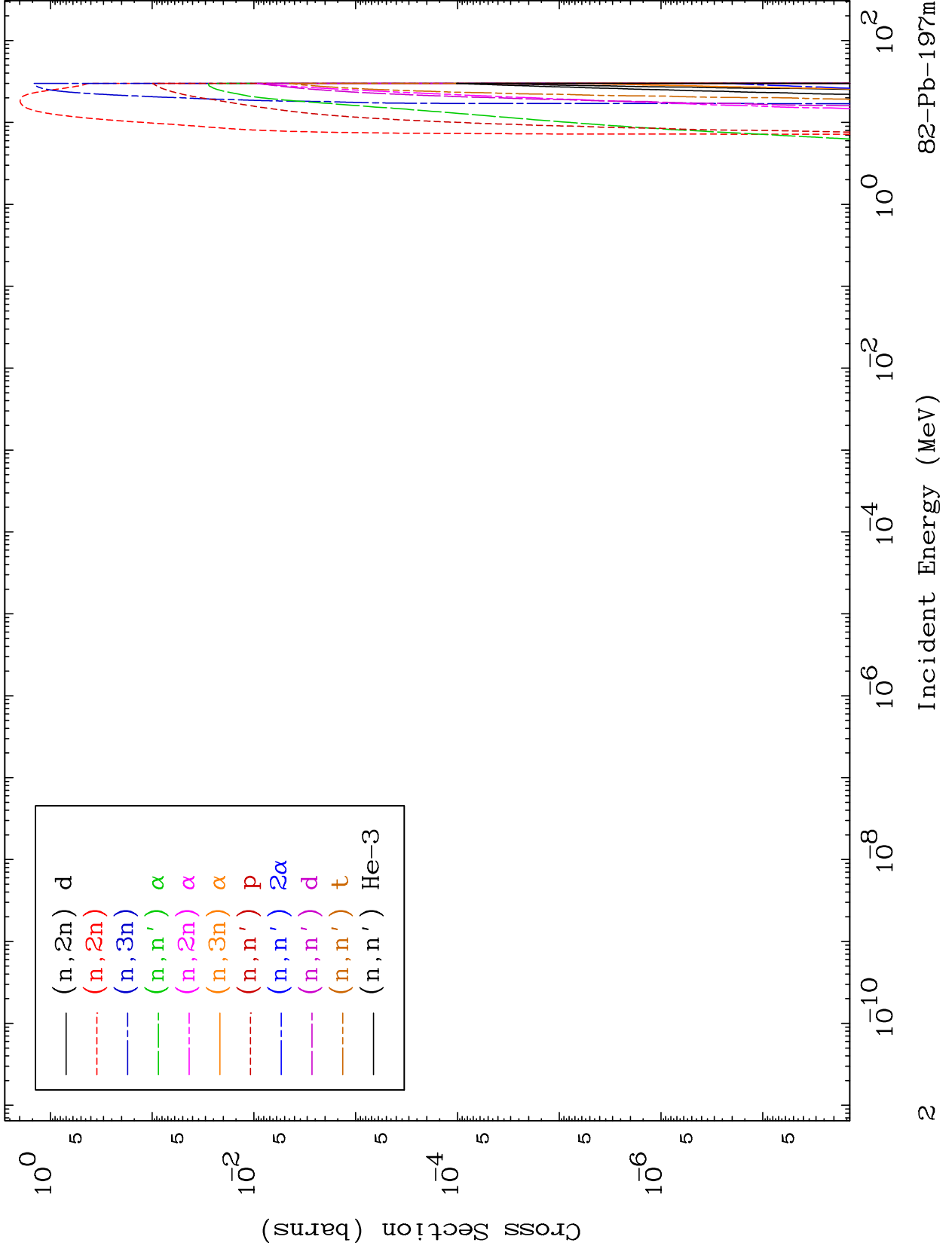
82-Pb-197m



MAT 8205

Neutron Absorption  
293 Kelvin Cross Sections

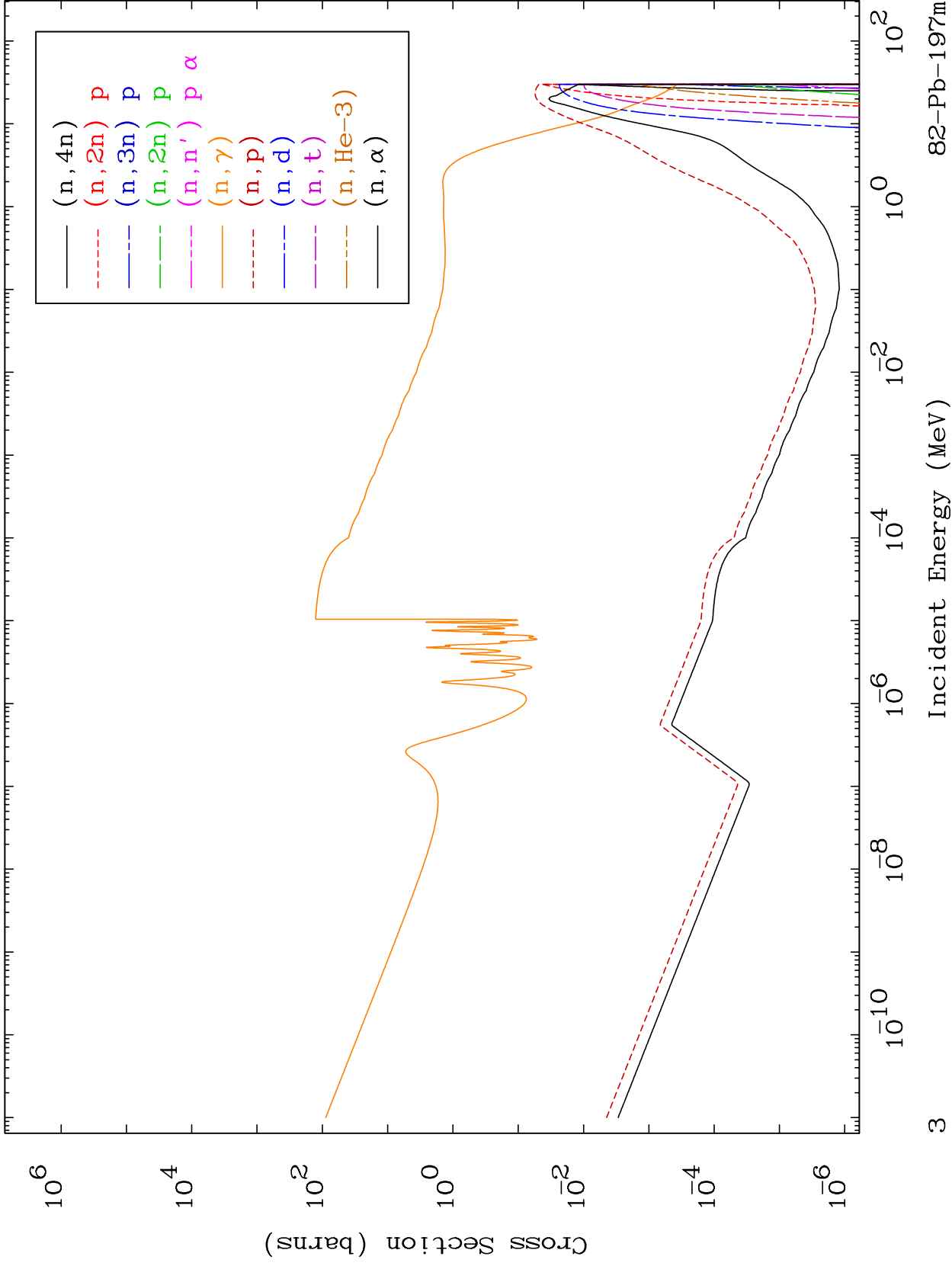
82-Pb-197m



MAT 8205

Neutron Absorption  
293 Kelvin Cross Sections

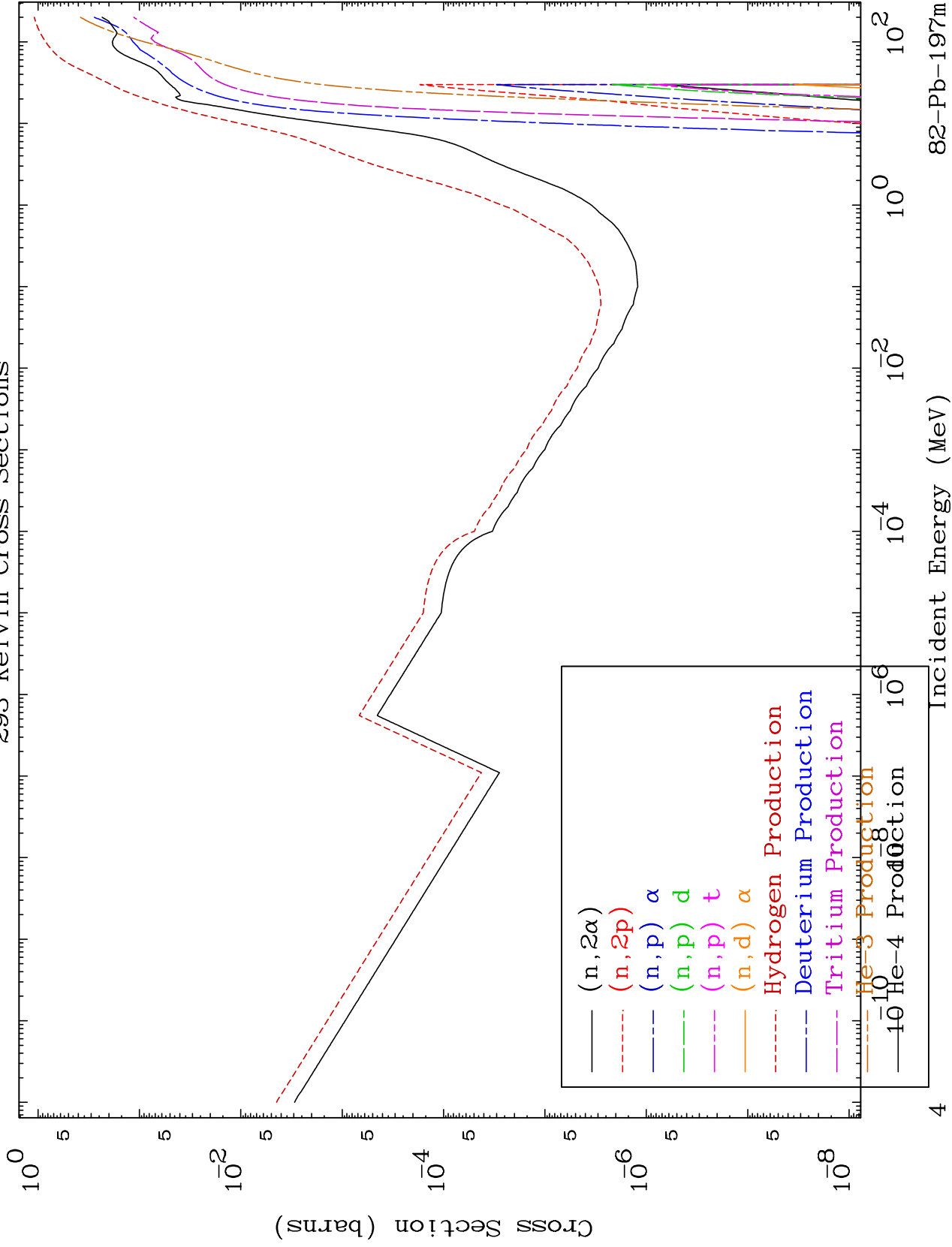
82-Pb-197m



MAT 8205

Neutron Absorption  
293 Kelvin Cross Sections

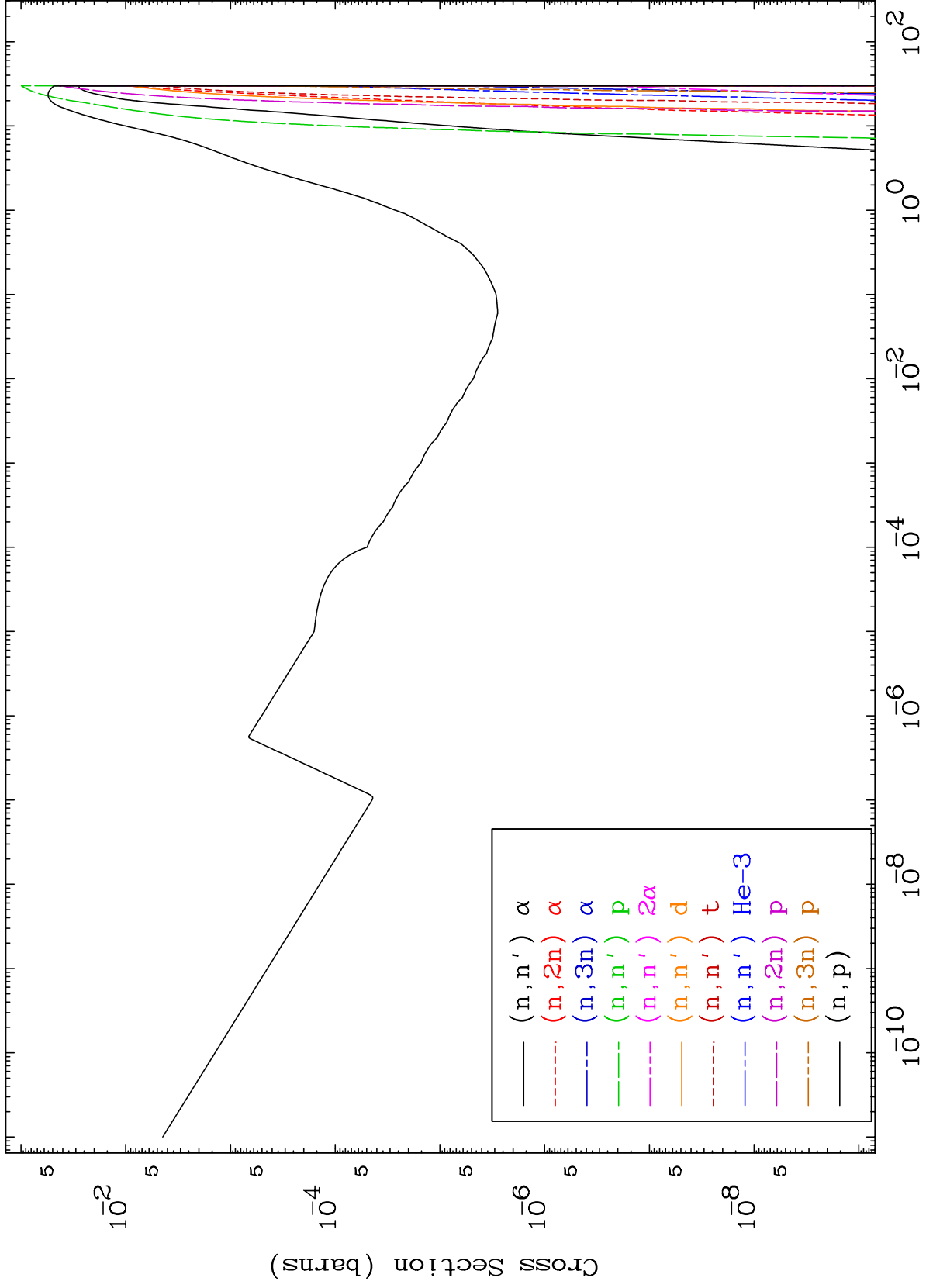
82-Pb-197m



MAT 8205

Charged Particle  
293 Kelvin Cross Sections

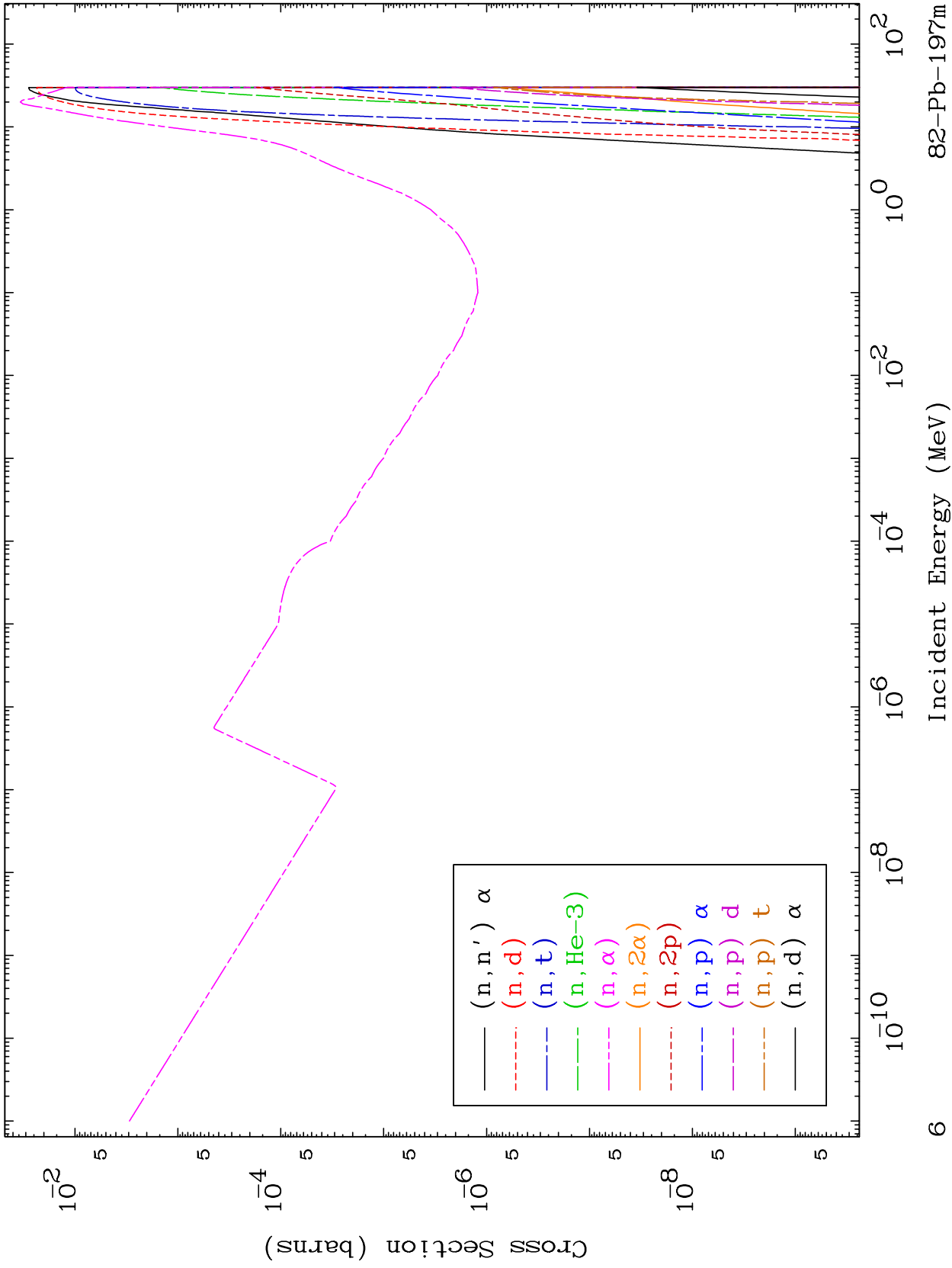
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MAT 8205

Charged Particle  
293 Kelvin Cross Sections

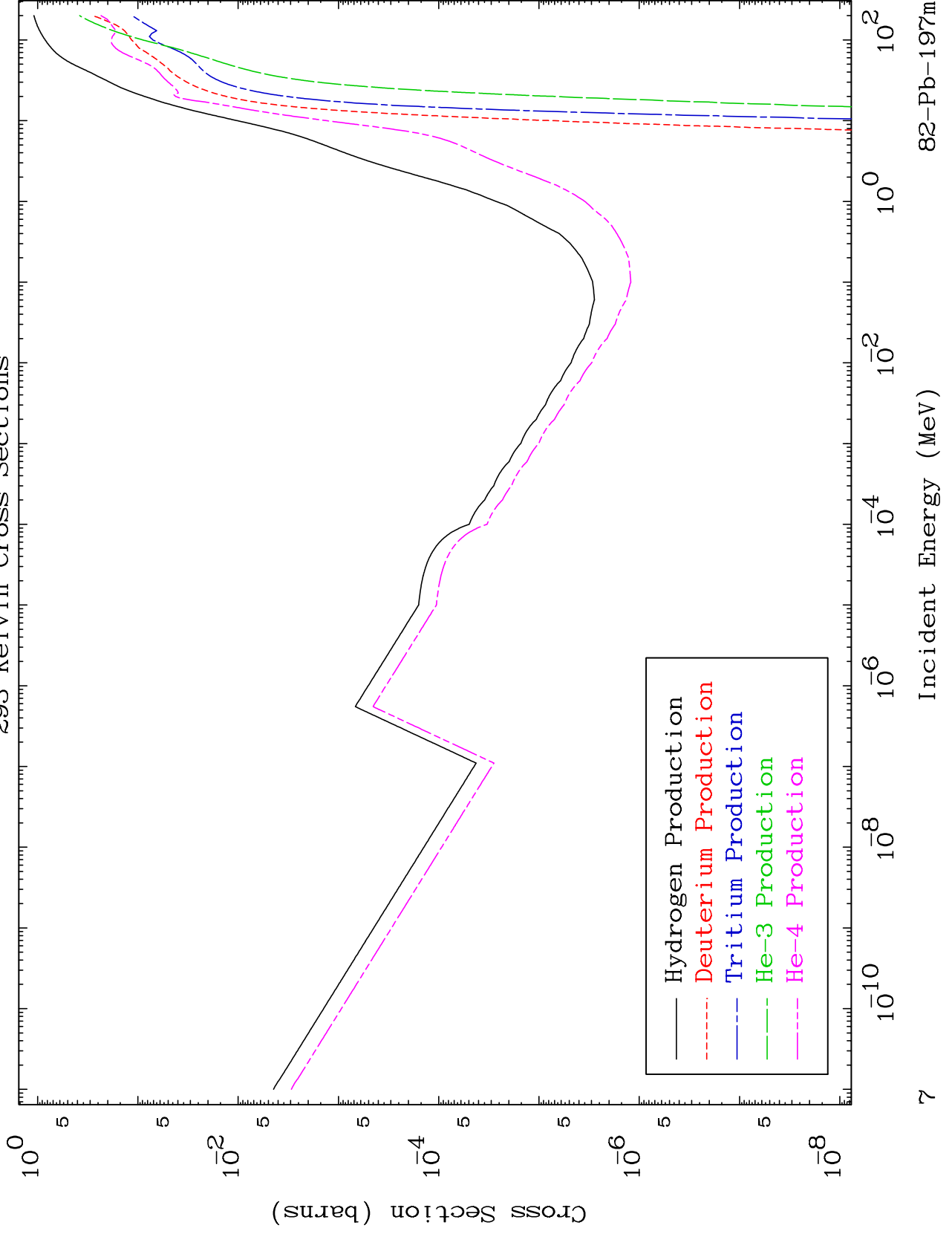
82-Pb-197m



MAT 8205

Particle Production  
293 Kelvin Cross Sections

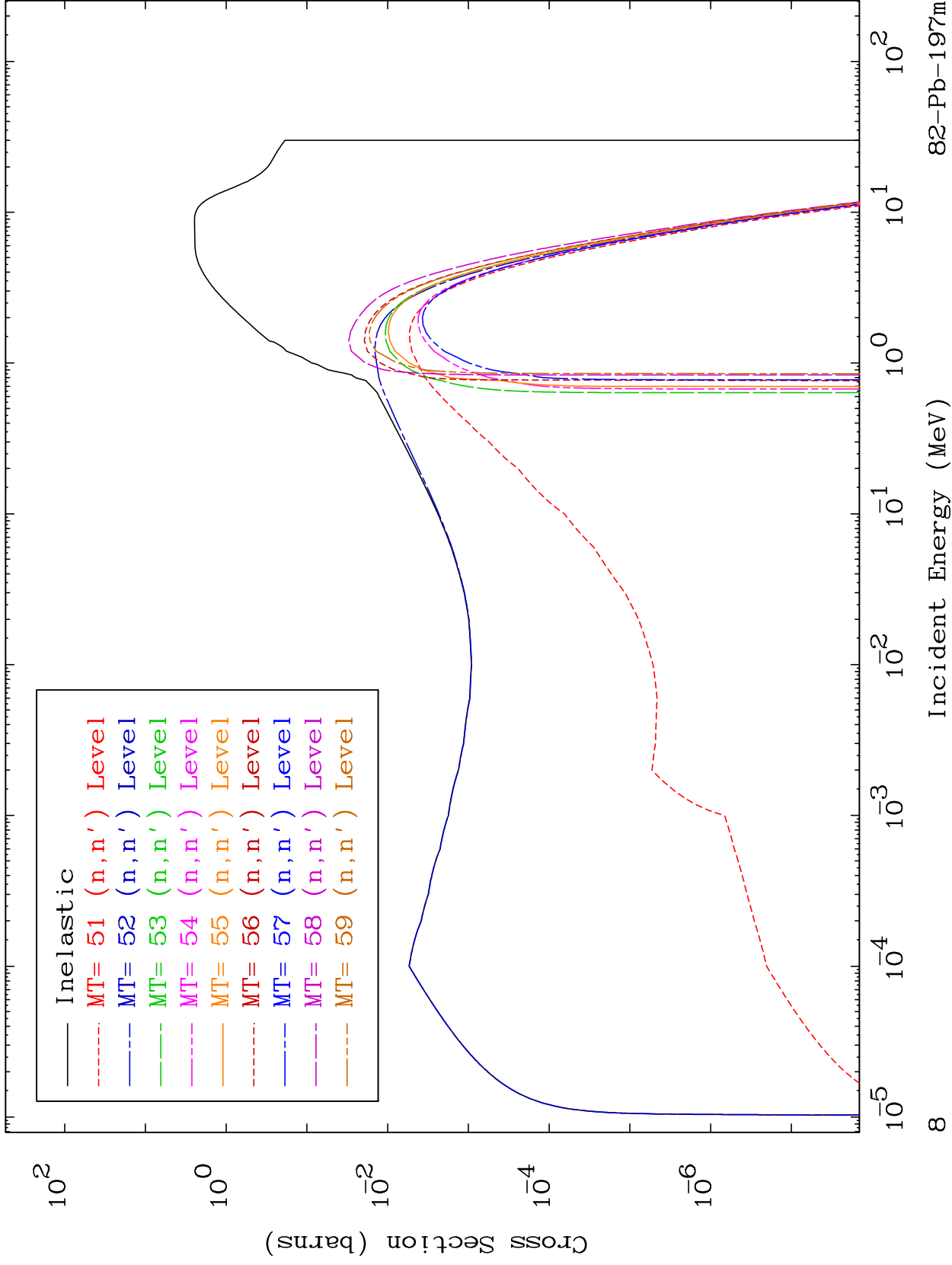
82-Pb-197m



MAT 8205

(n,n') Levels  
293 Kelvin Cross Sections

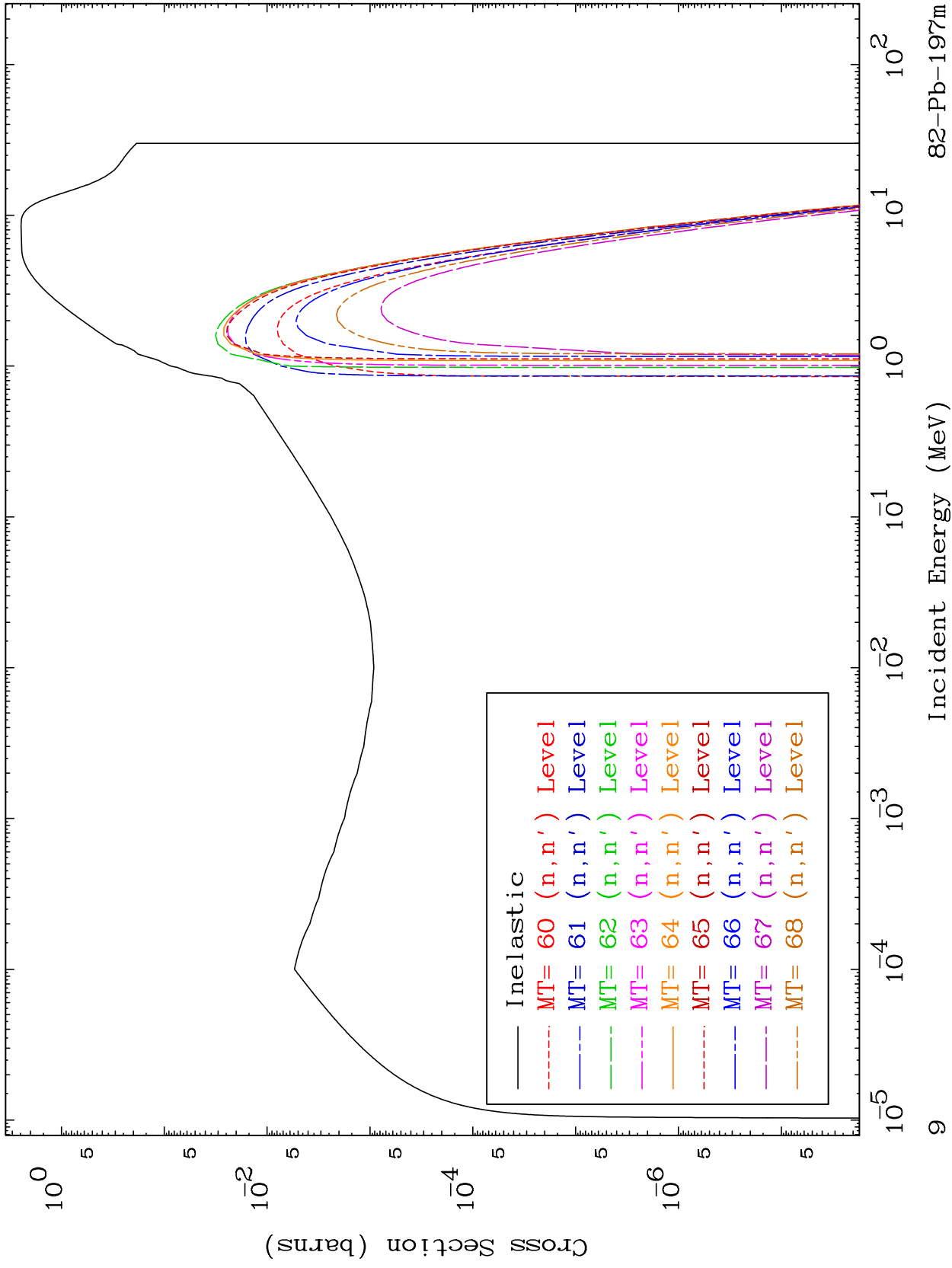
82-Pb-197m



MAT 8205

(n,n') Levels  
293 Kelvin Cross Sections

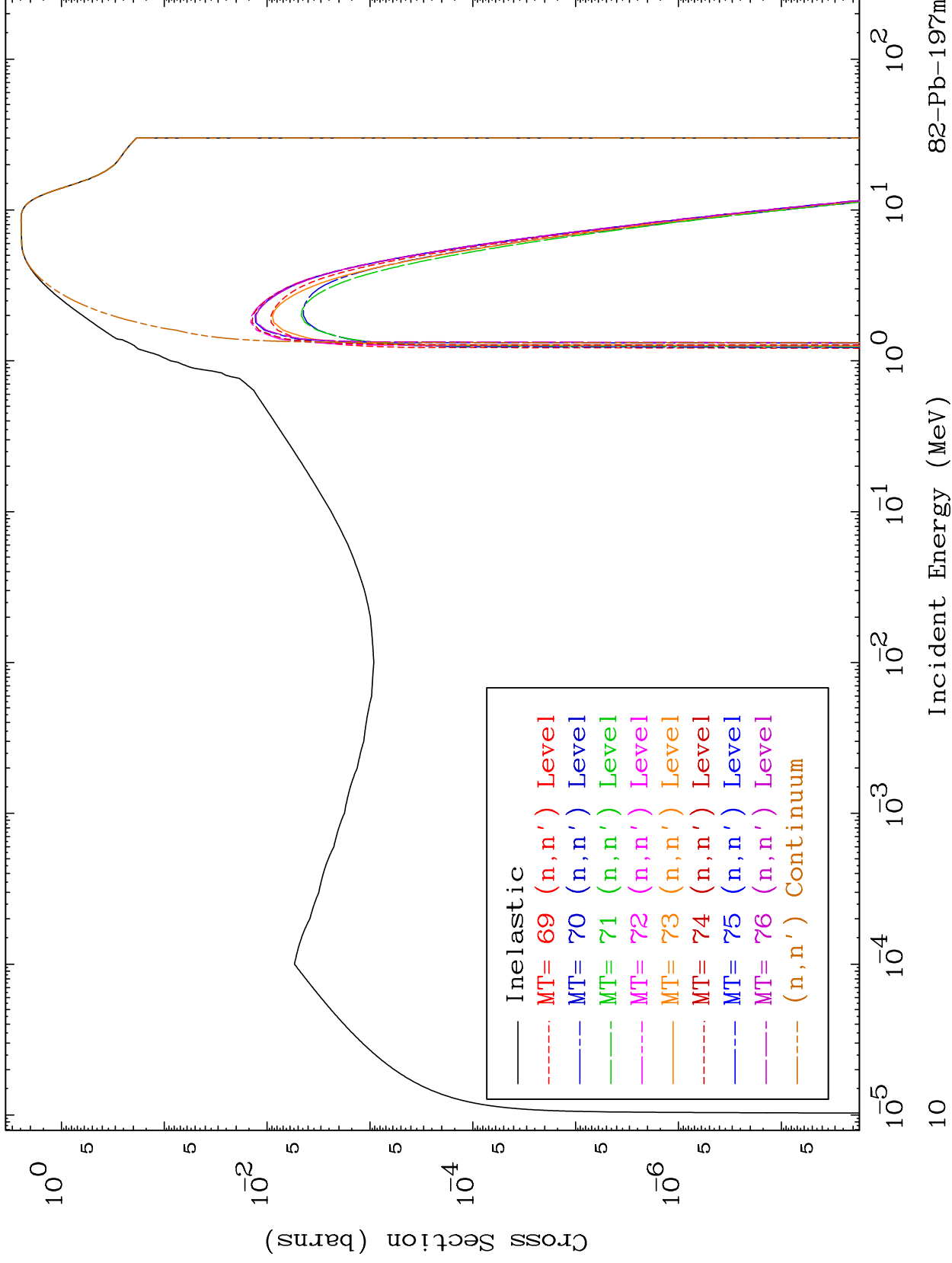
82-Pb-197m



MAT 8205

(n,n') Levels  
293 Kelvin Cross Sections

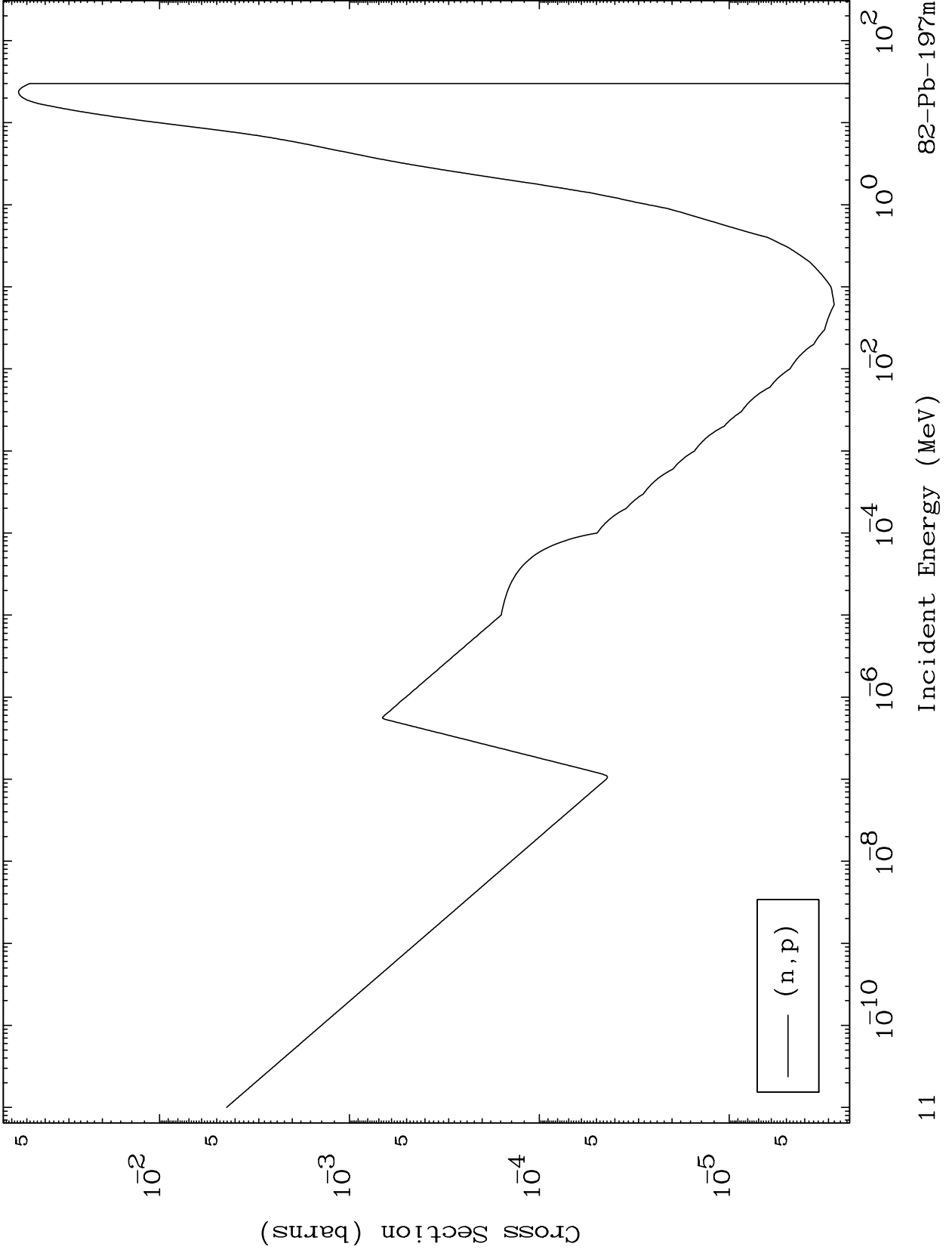
82-Pb-197m



MAT 8205

(n,p) Levels  
293 Kelvin Cross Sections

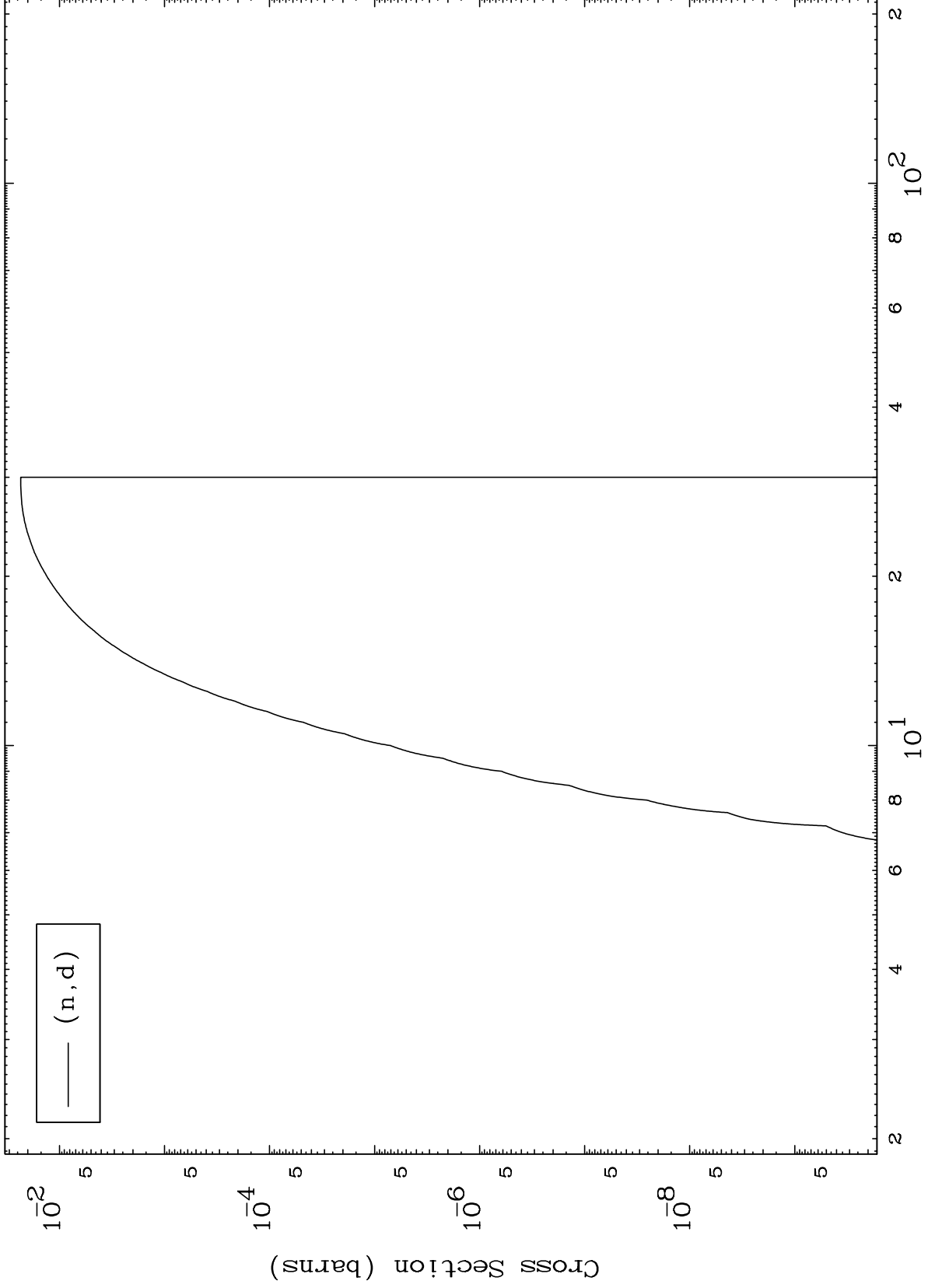
82-Pb-197m



MAT 8205

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-197m



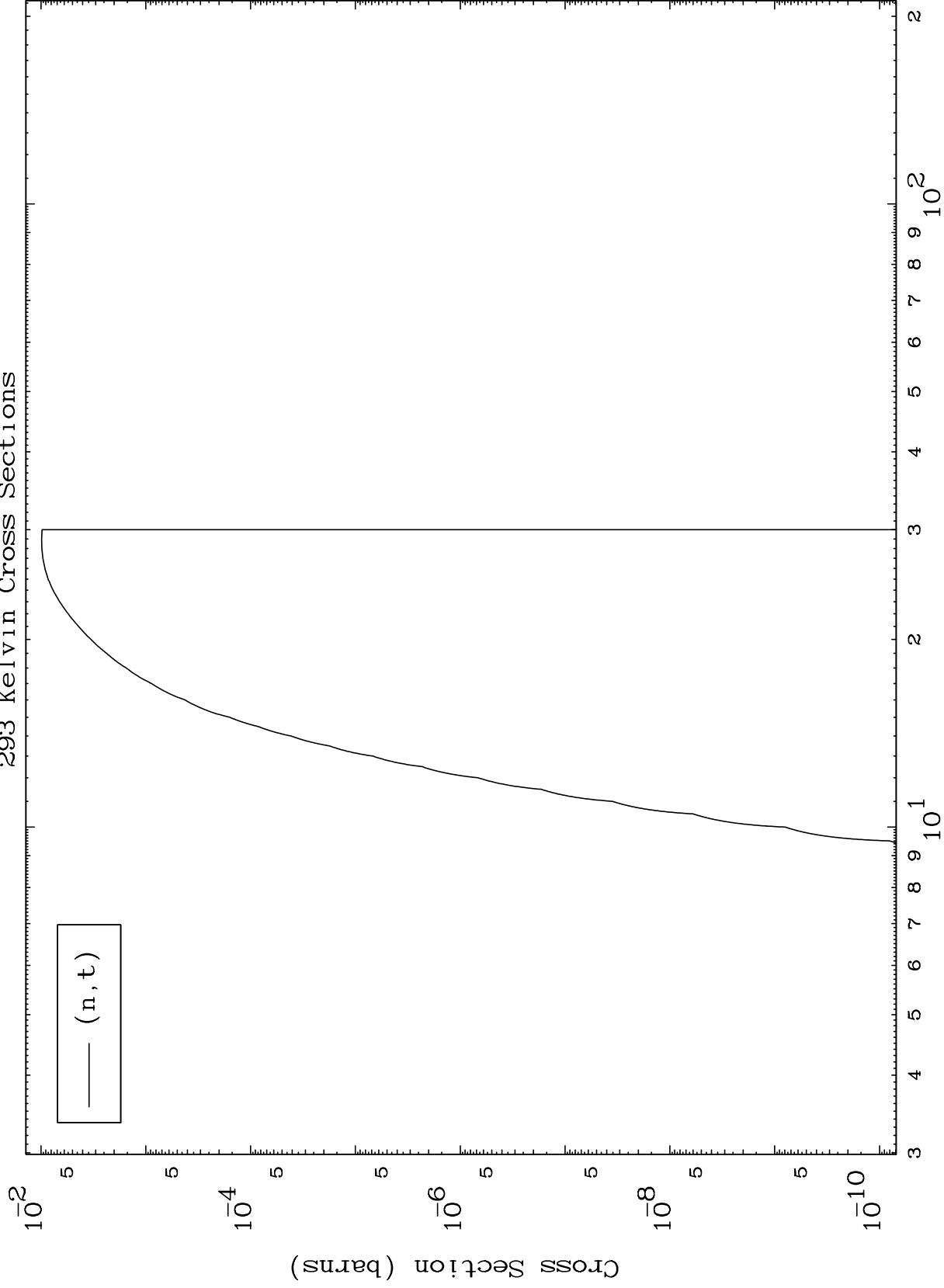
12

82-Pb-197m

MAT 8205

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-197m



13

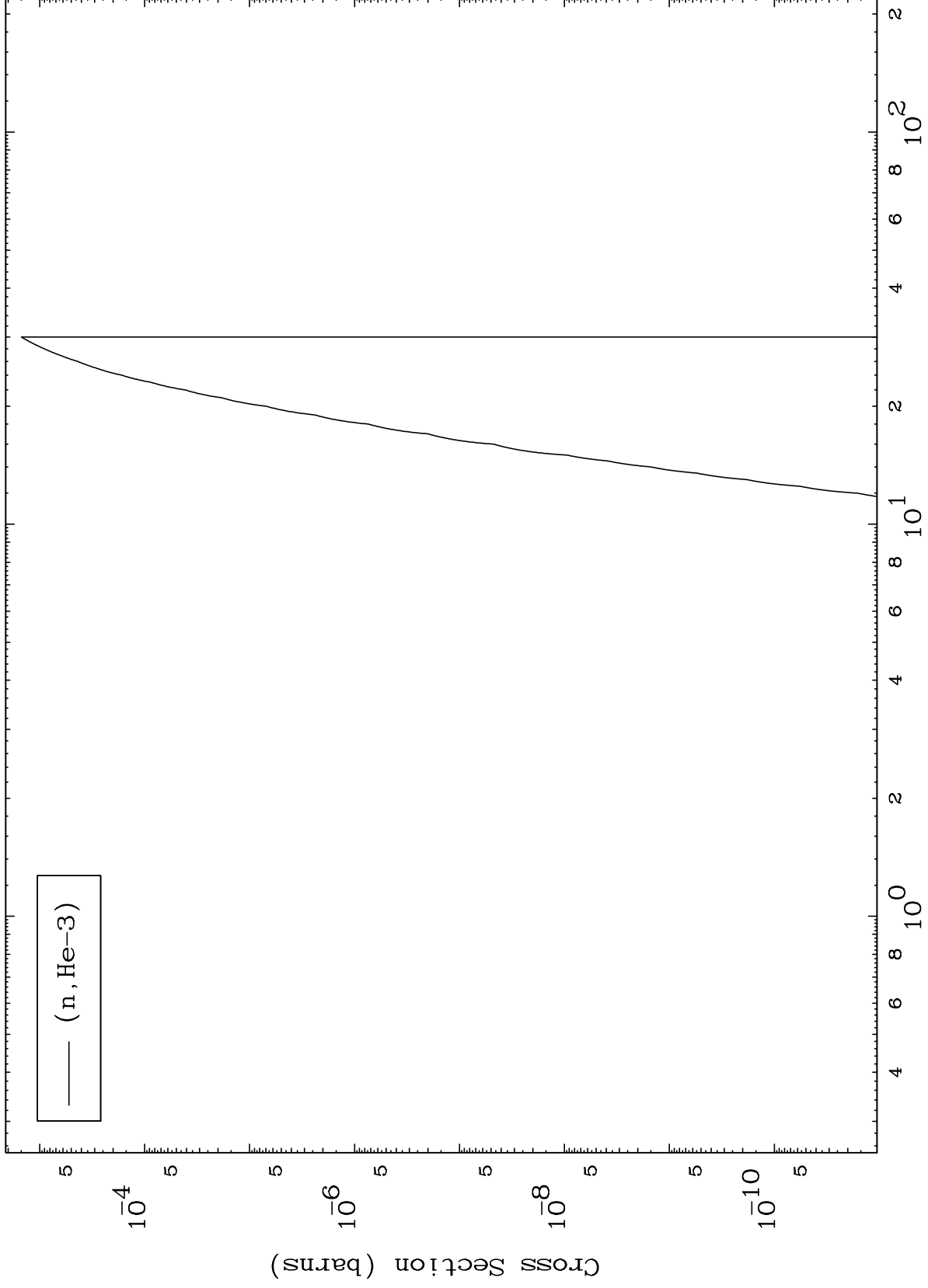
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-197m



14

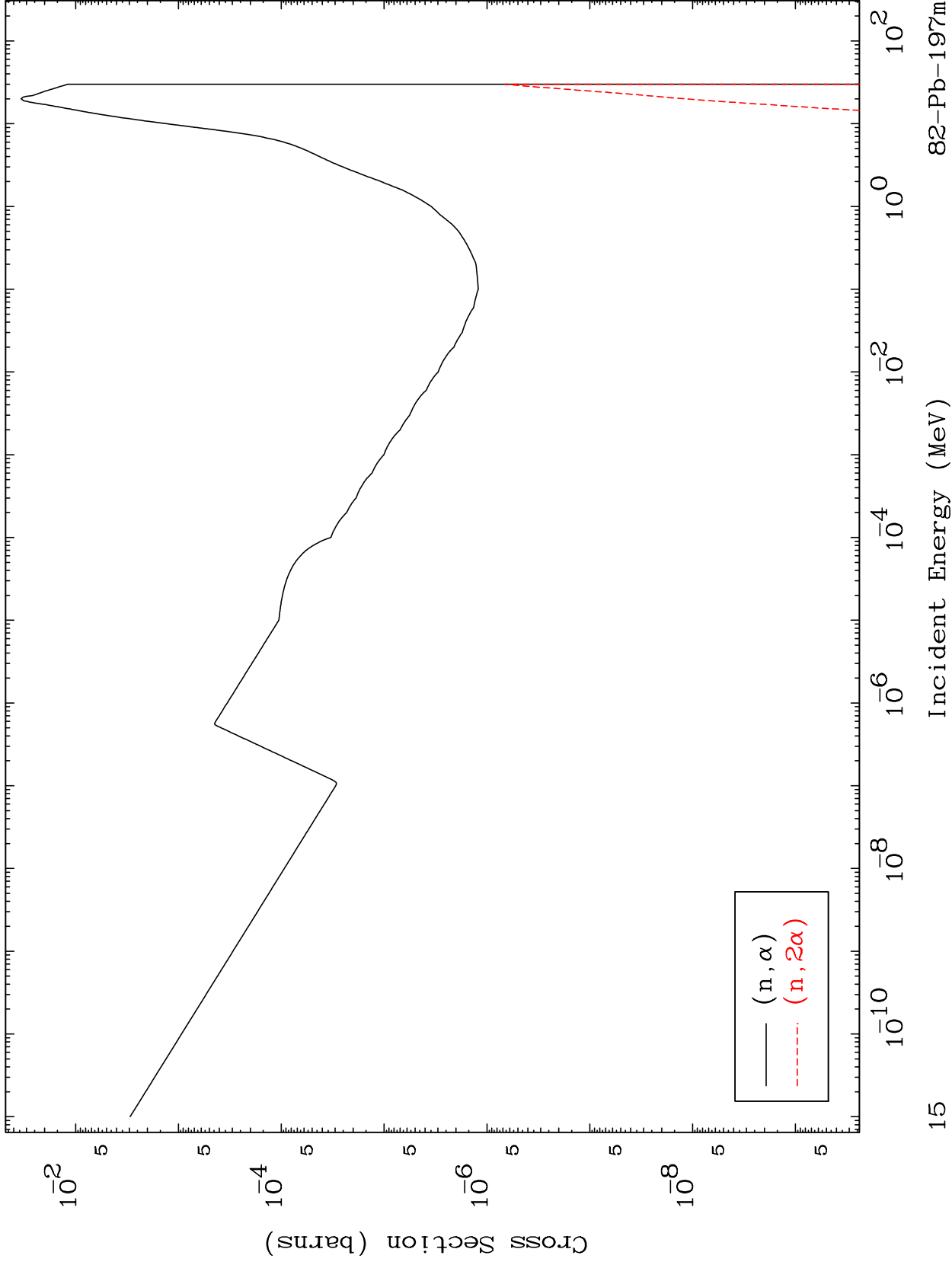
Incident Energy (MeV)

82-Pb-197m

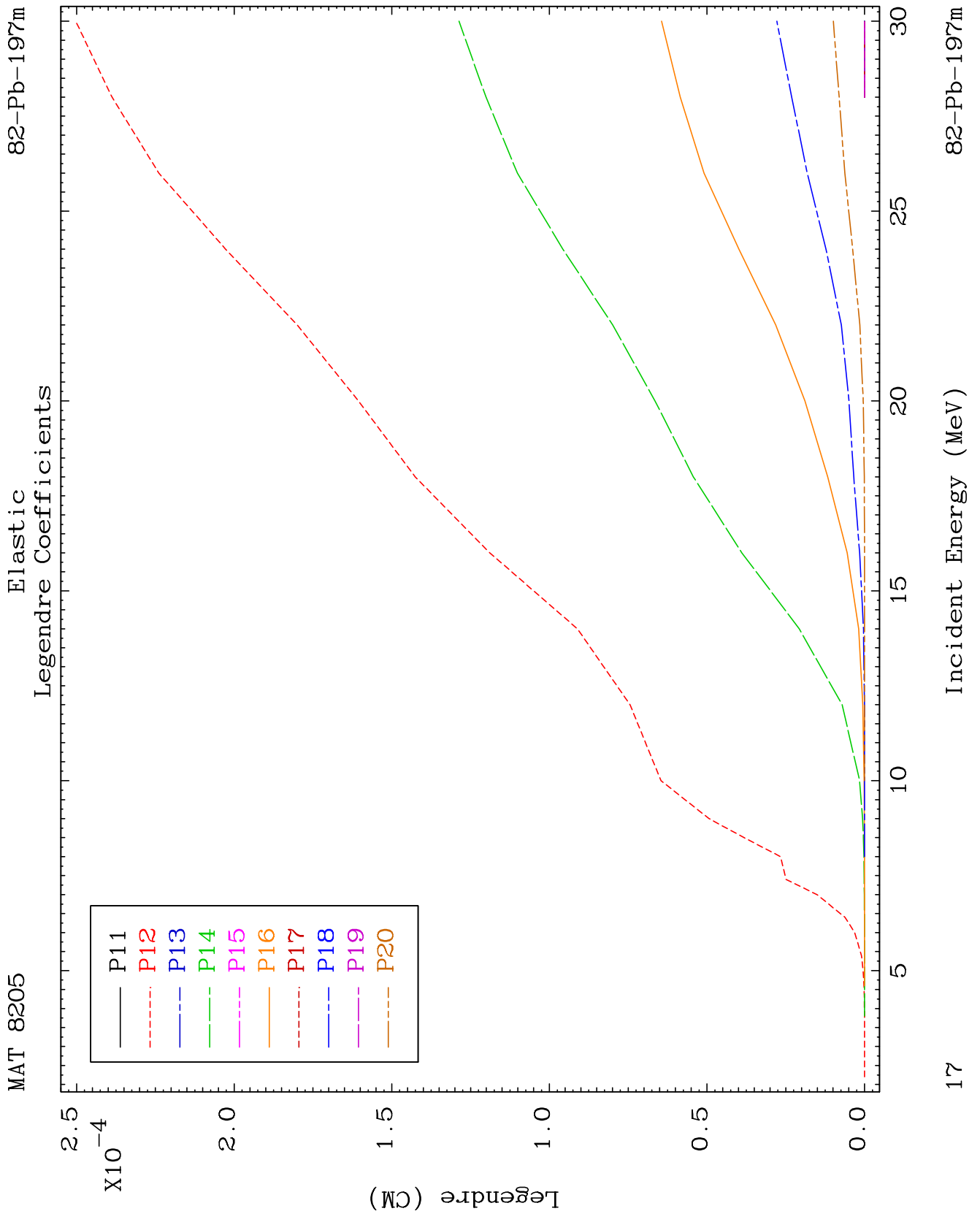
MAT 8205

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

82-Pb-197m



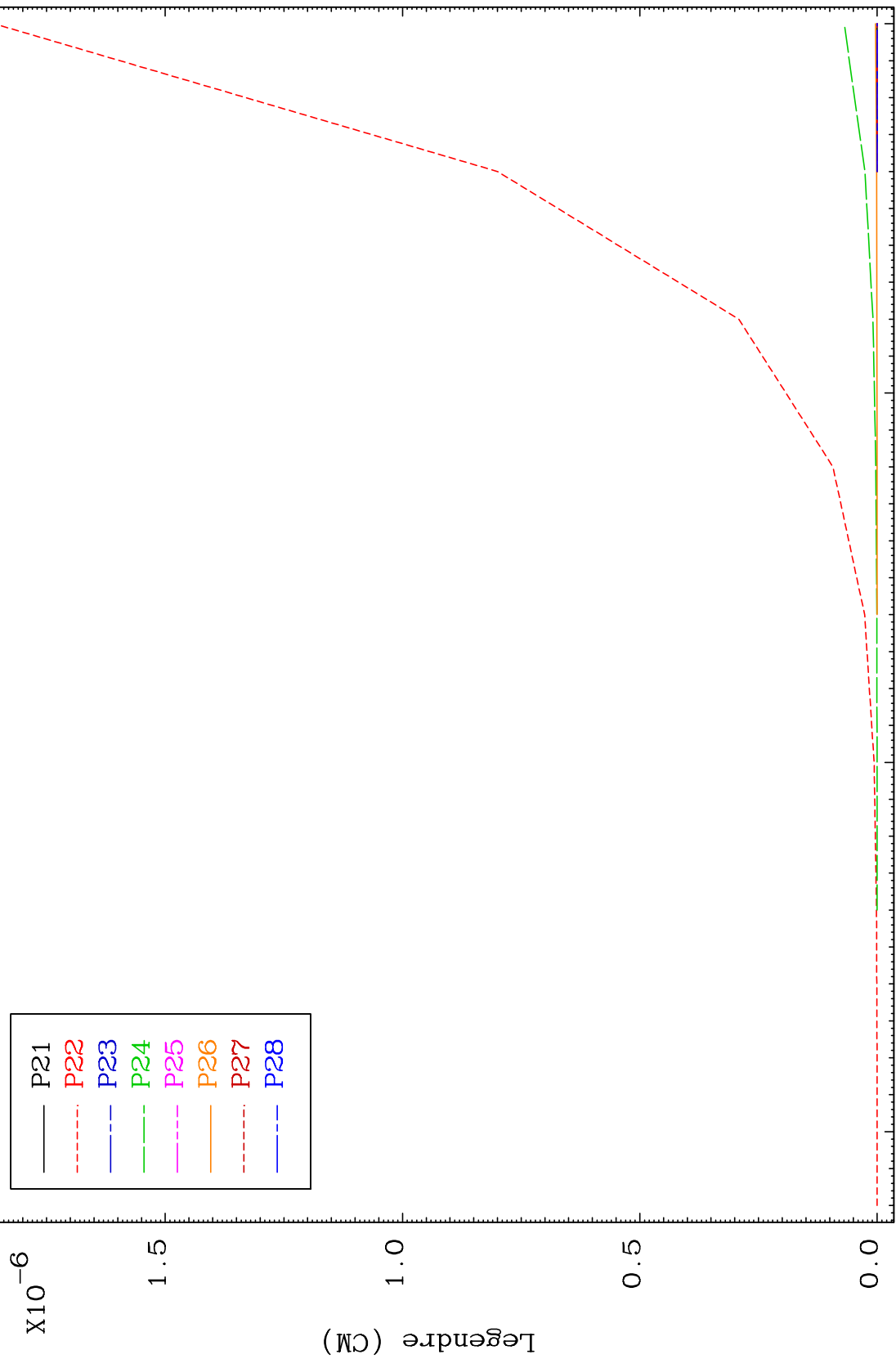
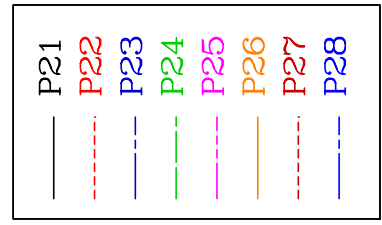




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Elastic Legendre Coefficients

82-Pb-197m



18

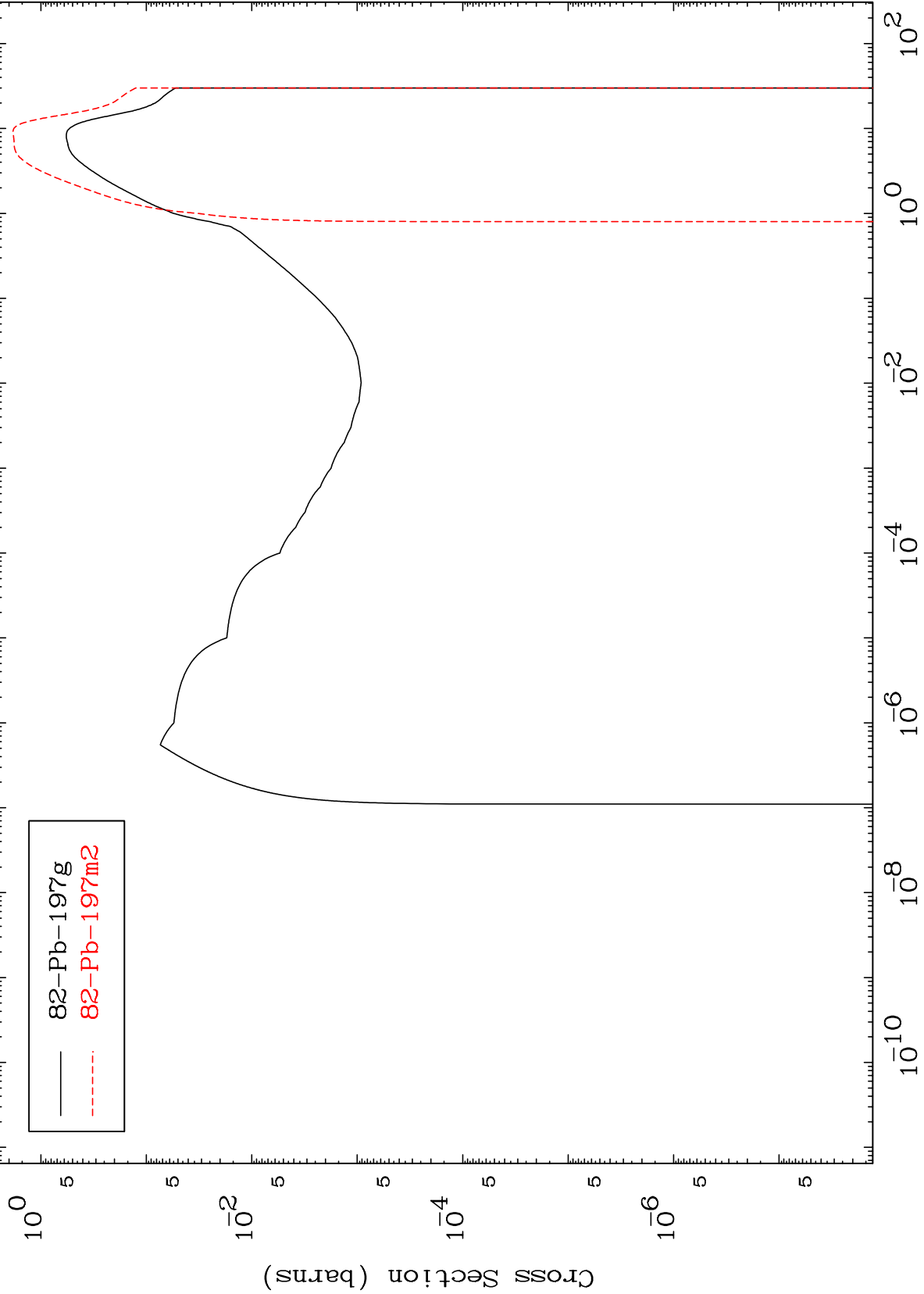
Incident Energy (MeV)

82-Pb-197m

MAT 8205

Radionuclide Production Cross Section

<sup>82</sup>Pb-197m



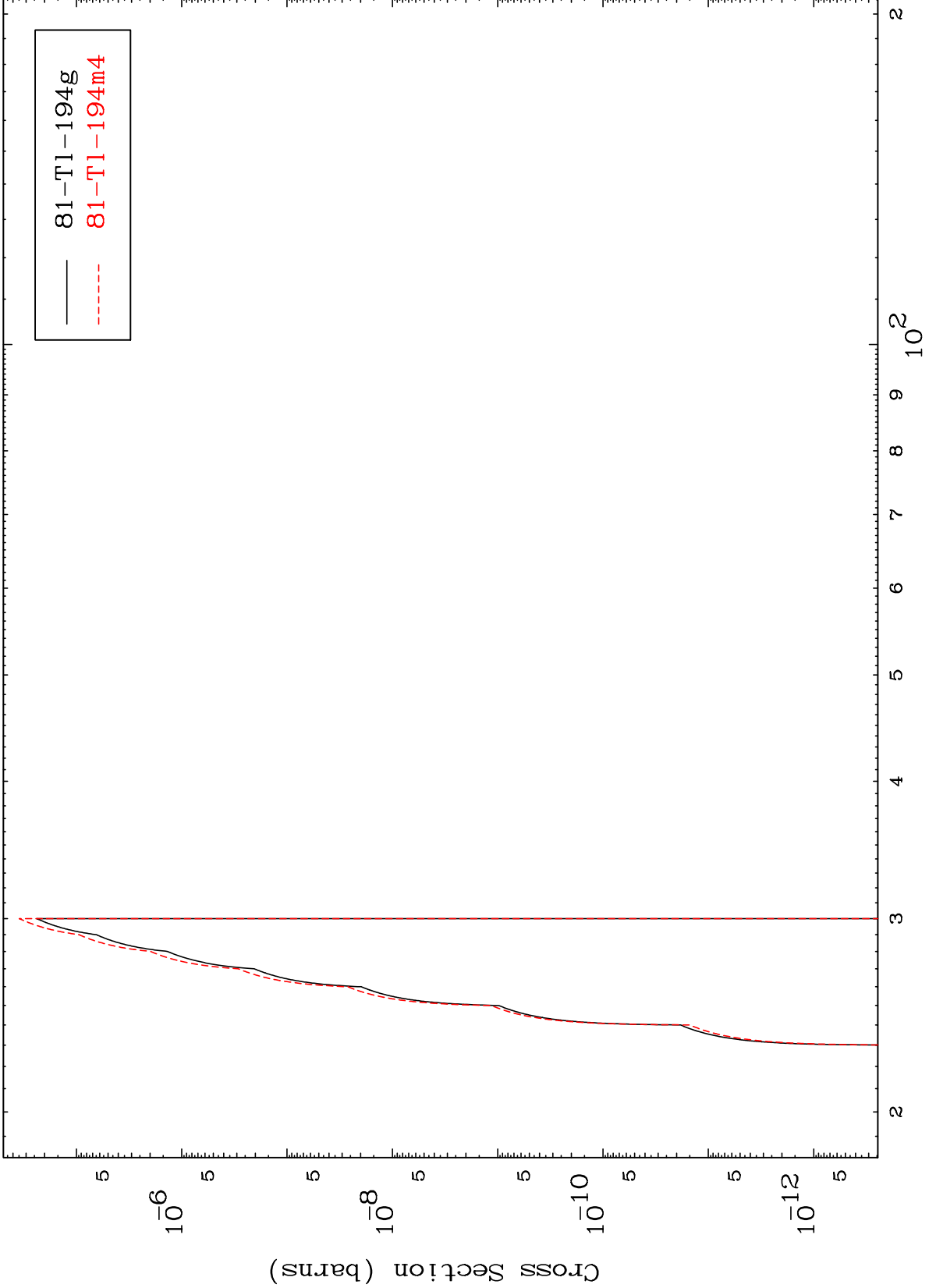
— 82-Pb-197g  
- - - 82-Pb-197m2

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(n,2n) d

82-Pb-197m

Radionuclide Production Cross Section



20

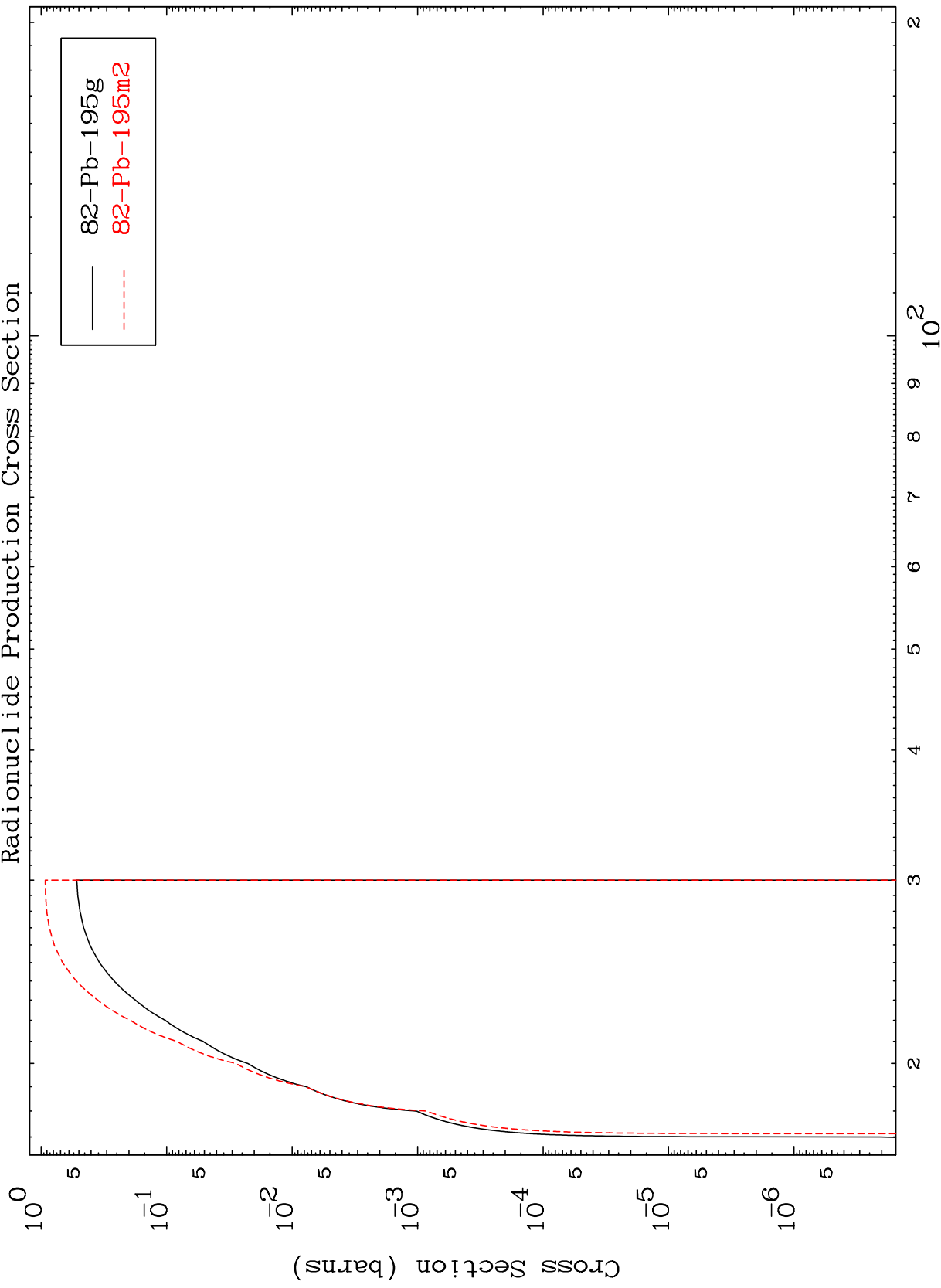
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

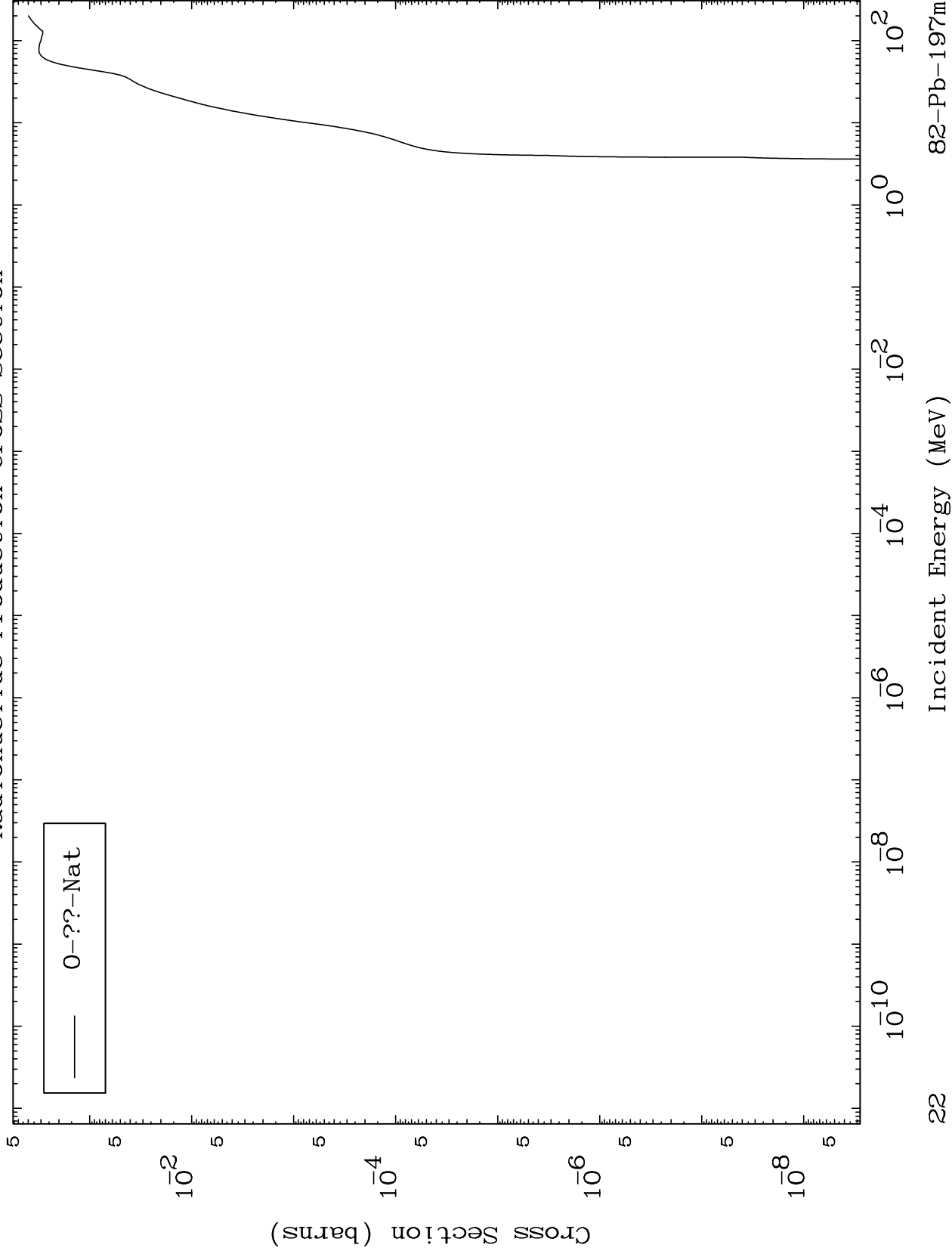
82-Pb-197m

MAT 8205

Fission

82-Pb-197m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

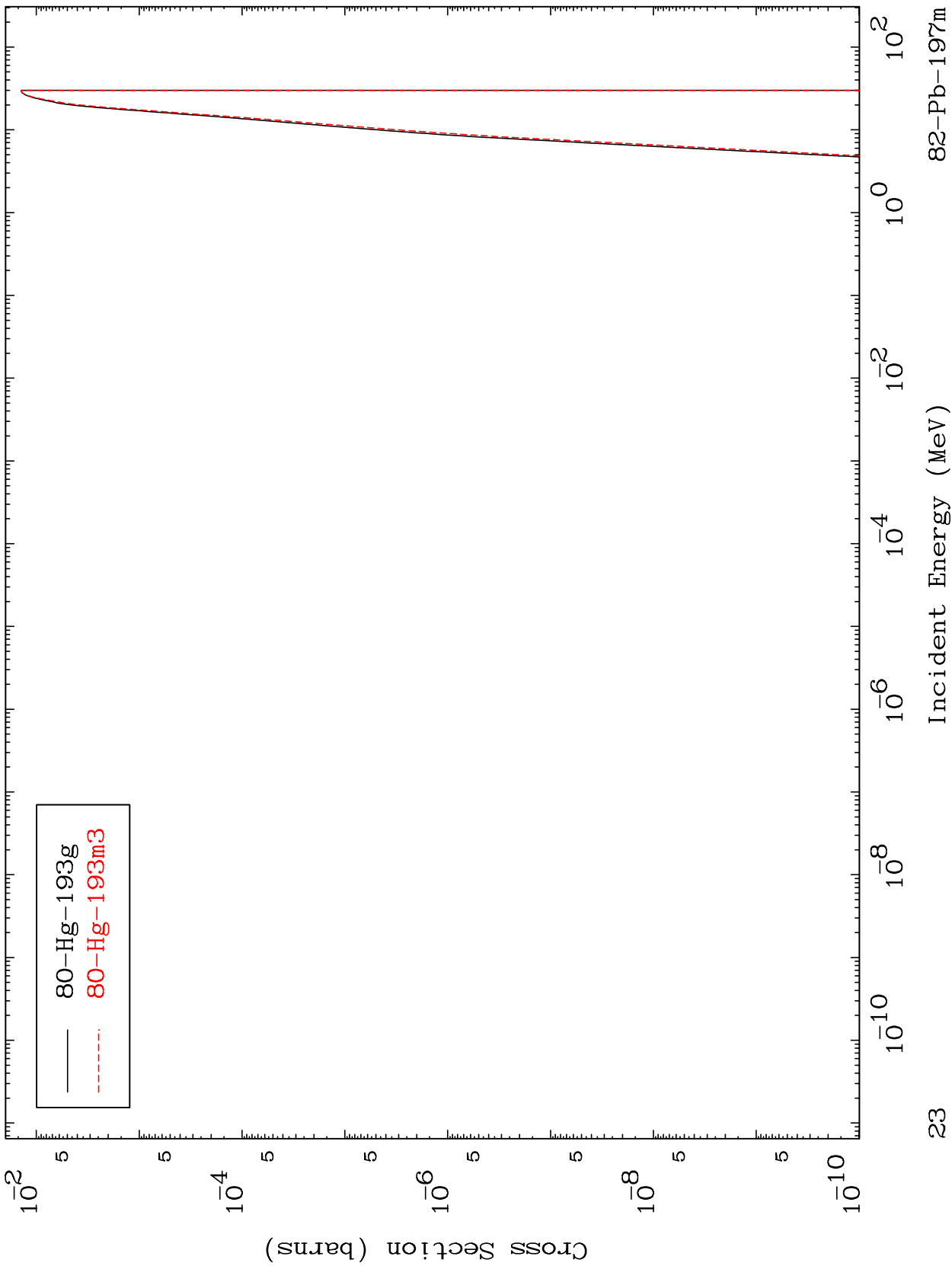
82-Pb-197m

MAT 8205

$(n, n')$   $\alpha$

82-Pb-197m

Radionuclide Production Cross Section

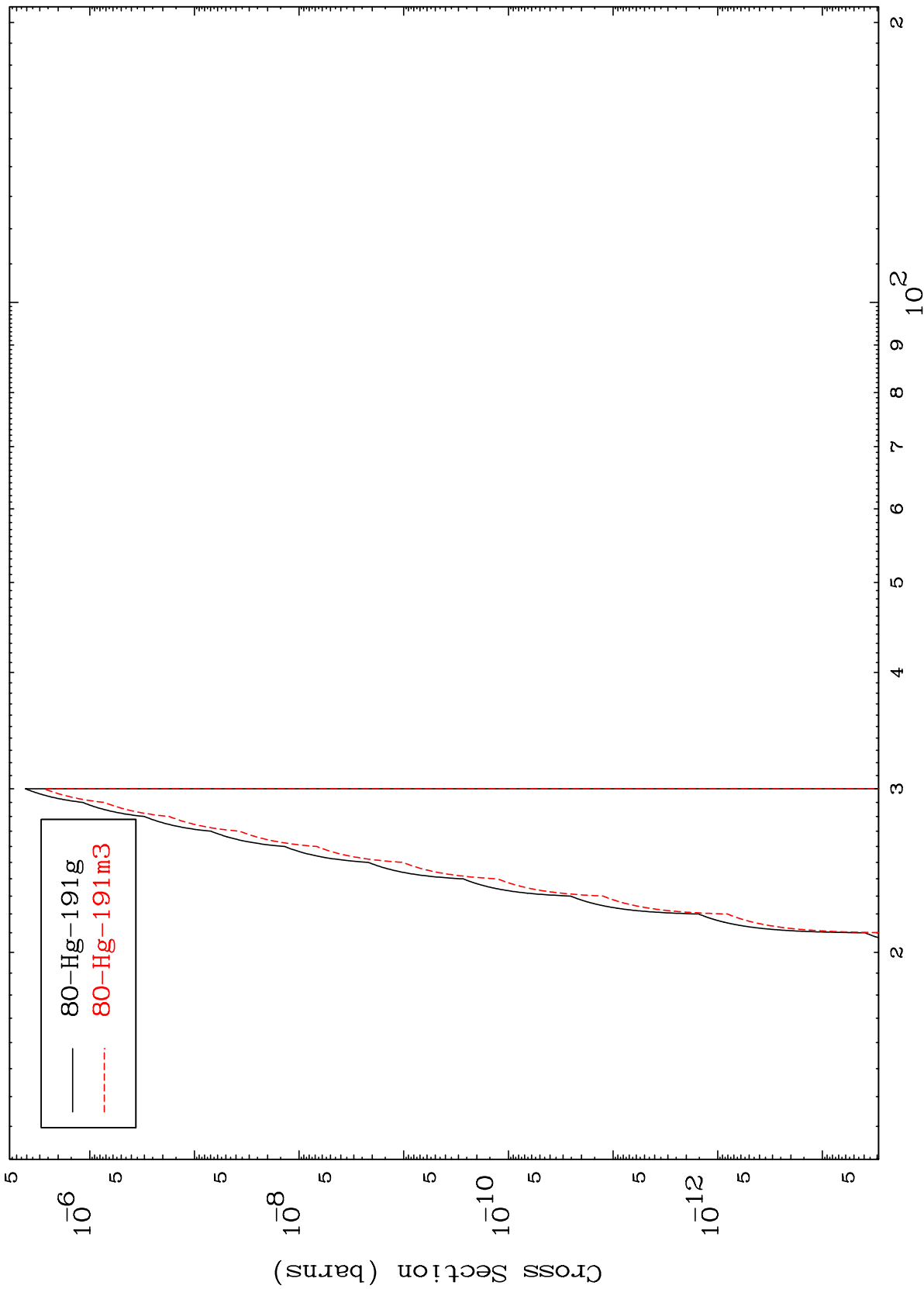


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(n,3n)  $\alpha$

82-Pb-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197m

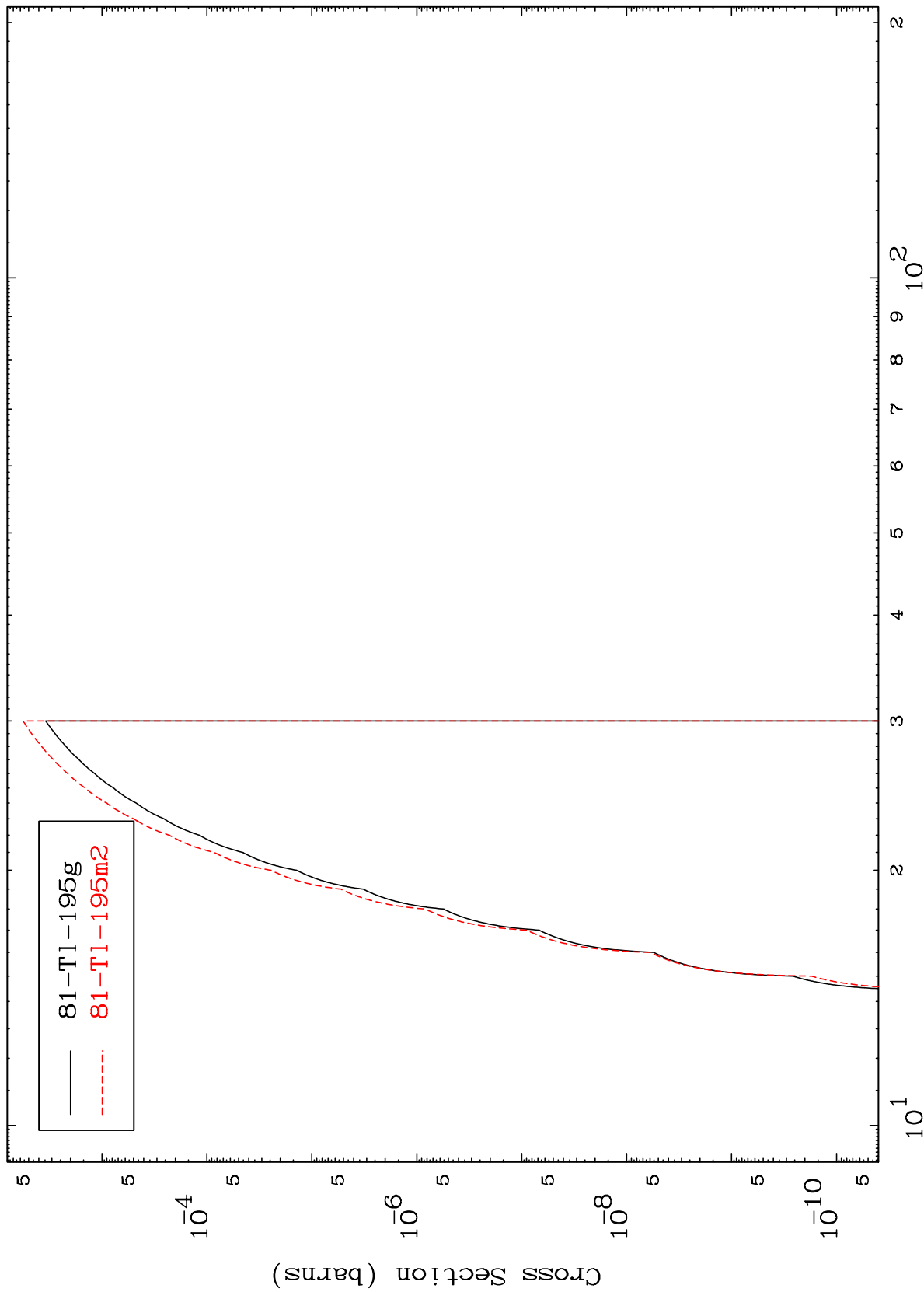
24

MAT 8205

(n,n') d

82-Pb-197m

Radionuclide Production Cross Section

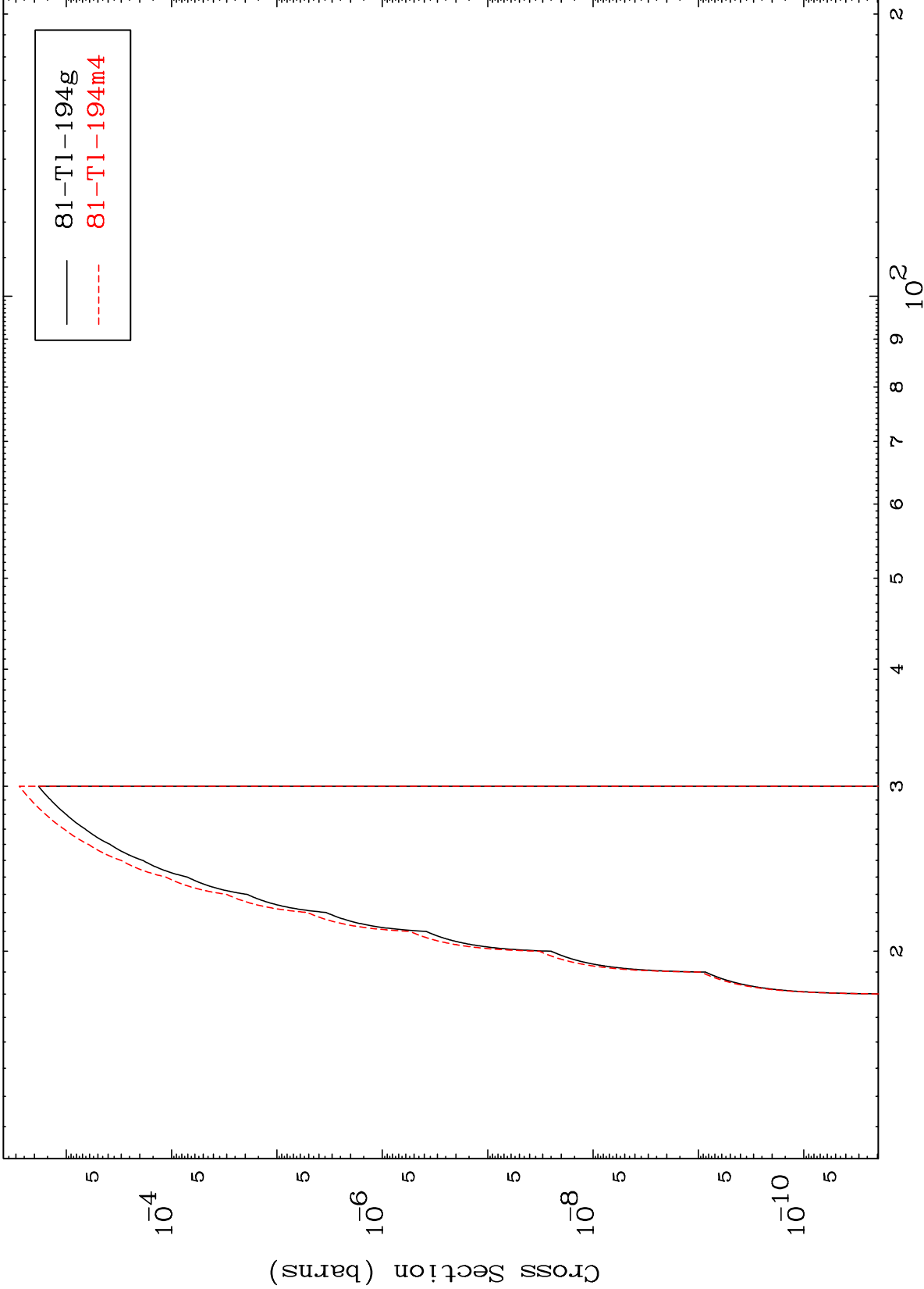


Incident Energy (MeV)

82-Pb-197m

25

Radionuclide Production Cross Section

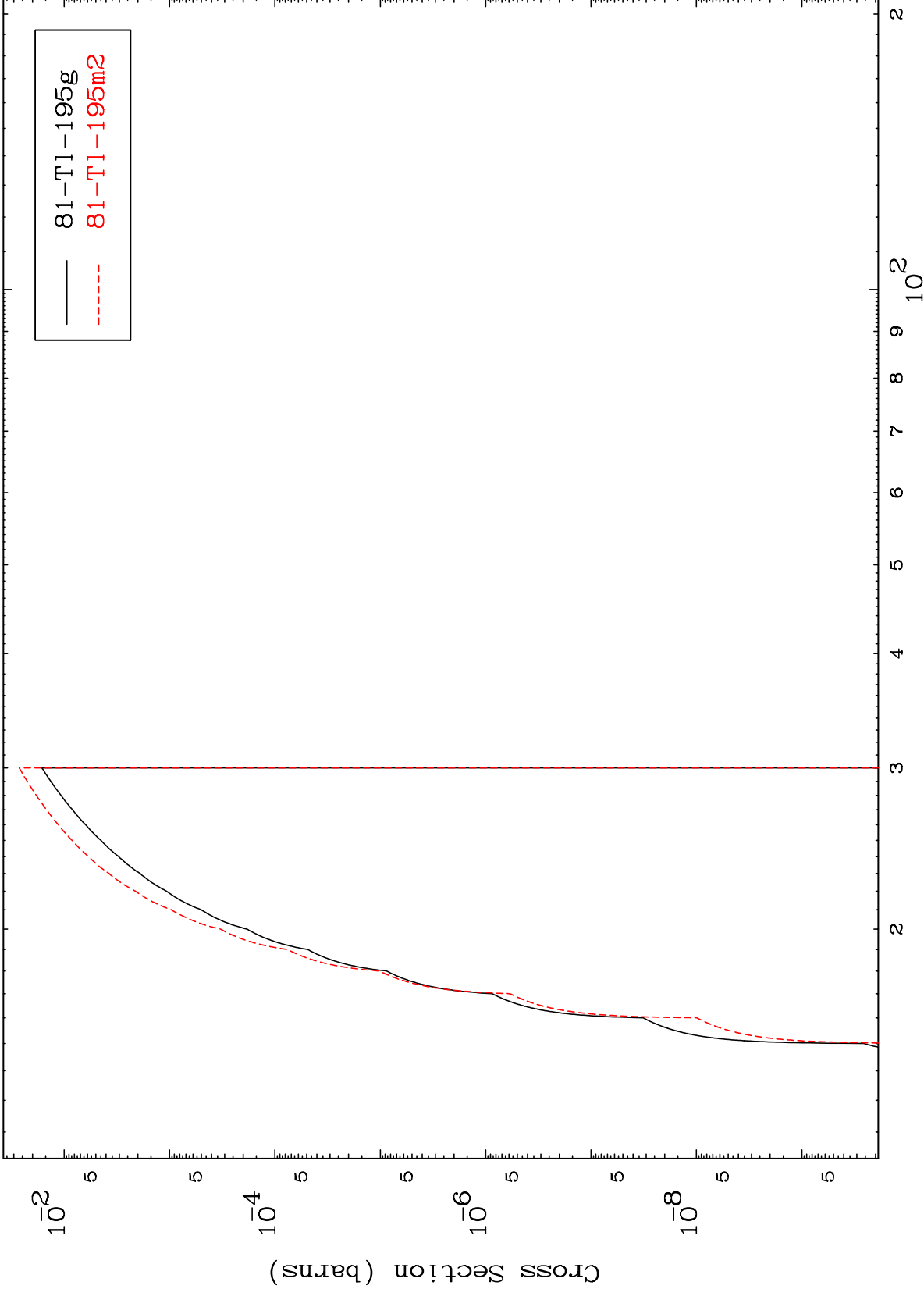


MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section

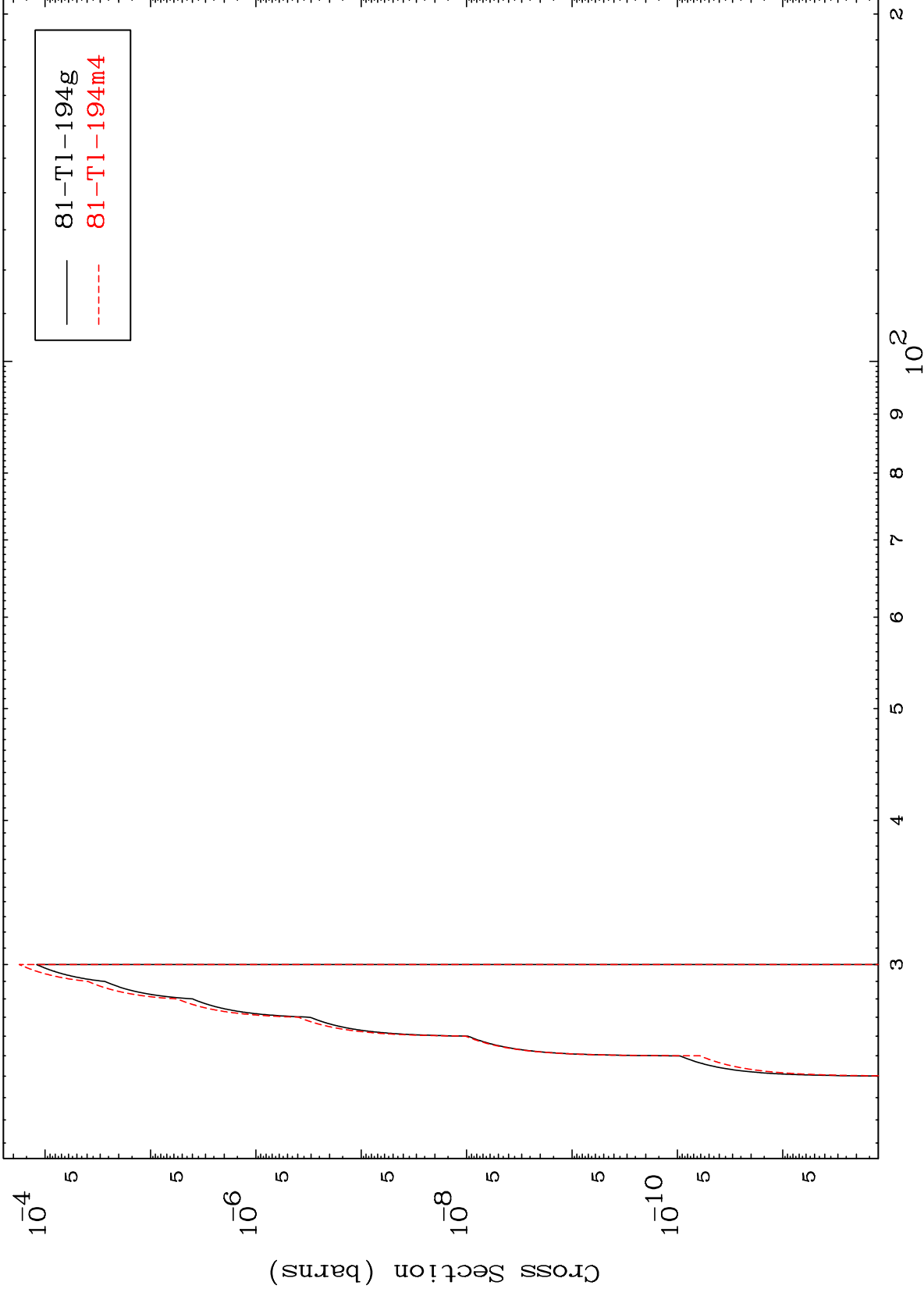


27

Incident Energy (MeV)

82-Pb-197m

Radionuclide Production Cross Section

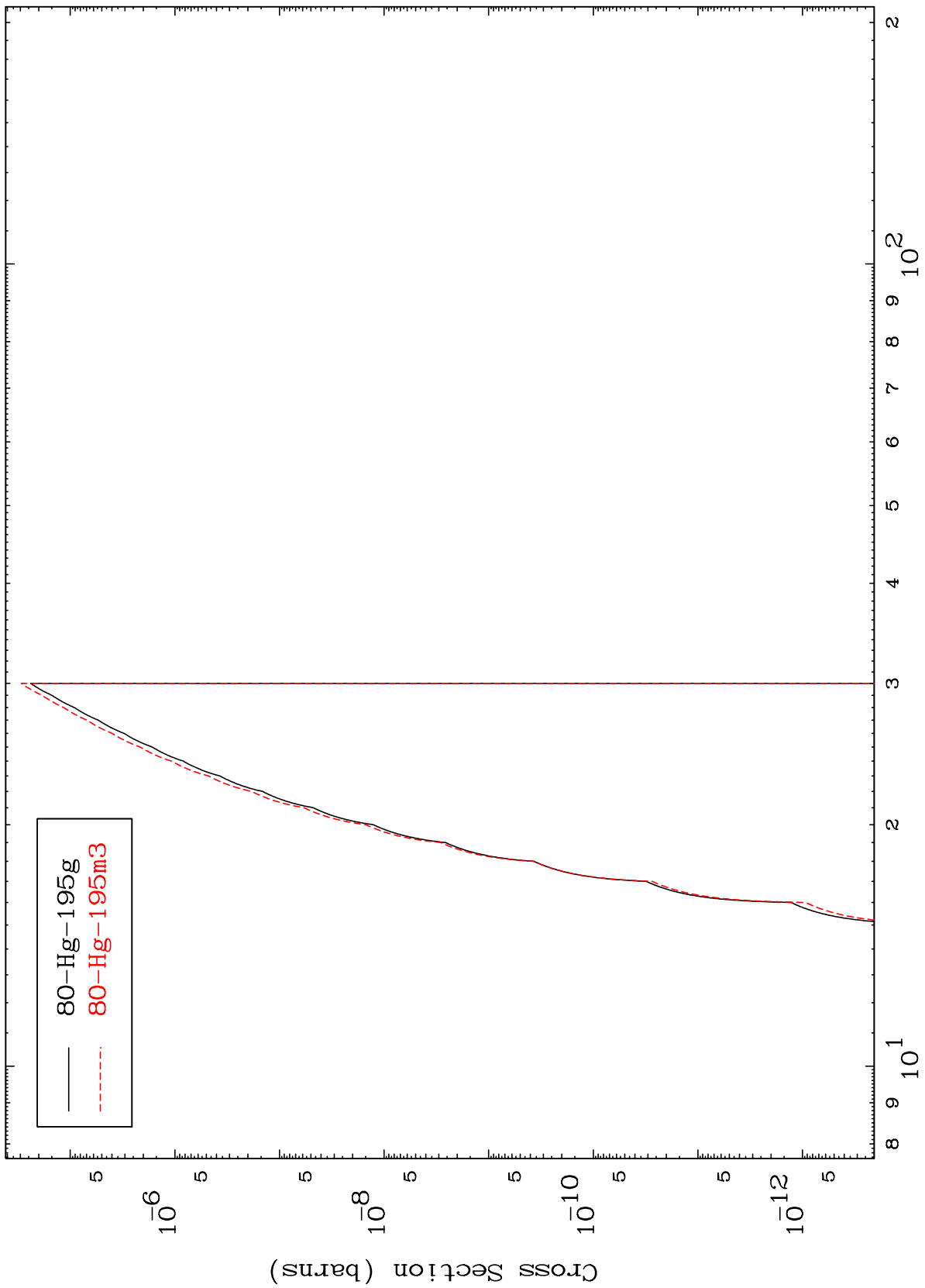


MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

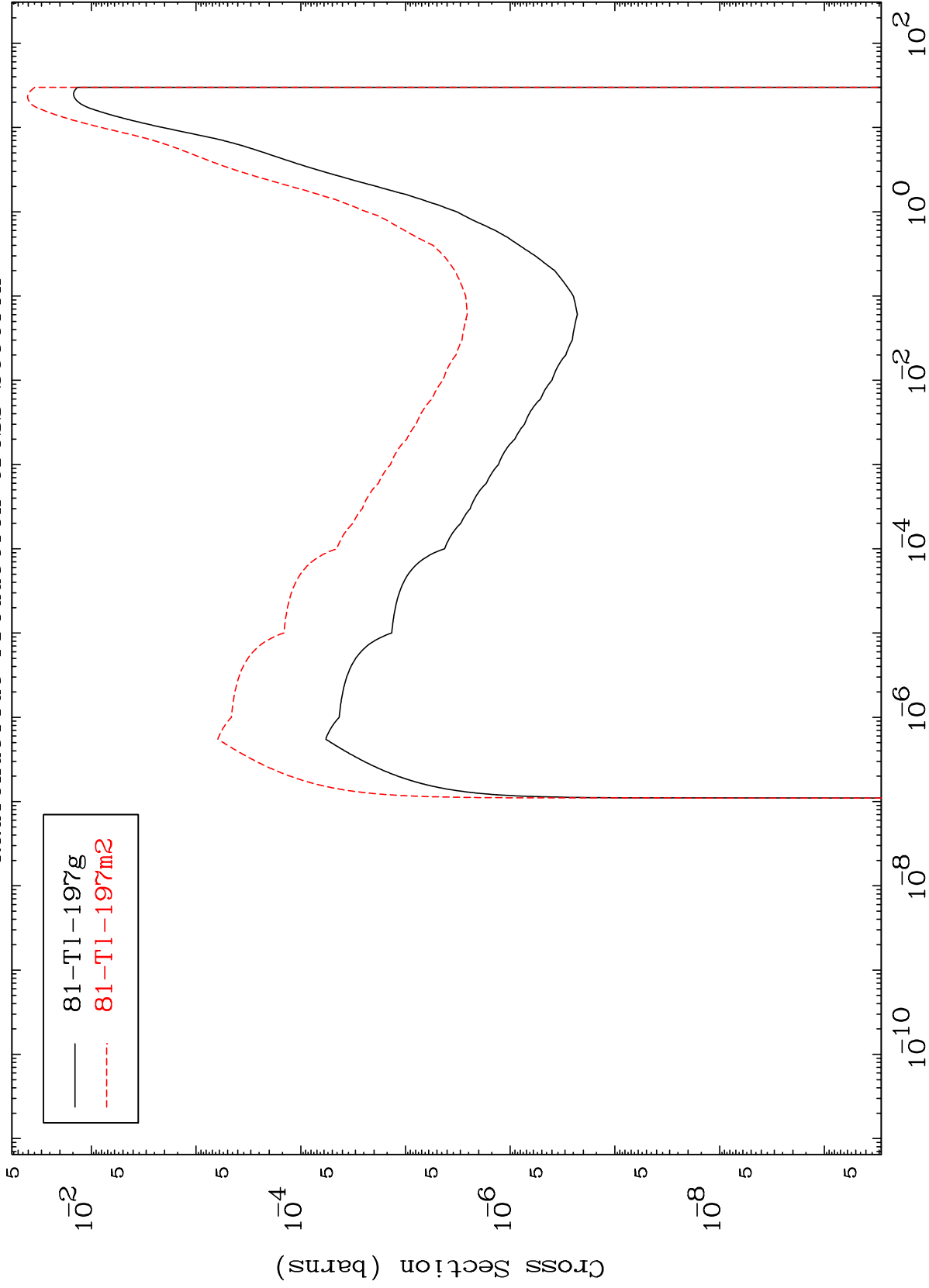
82-Pb-197m

MAT 8205

(n,p)

82-Pb-197m

Radionuclide Production Cross Section



30

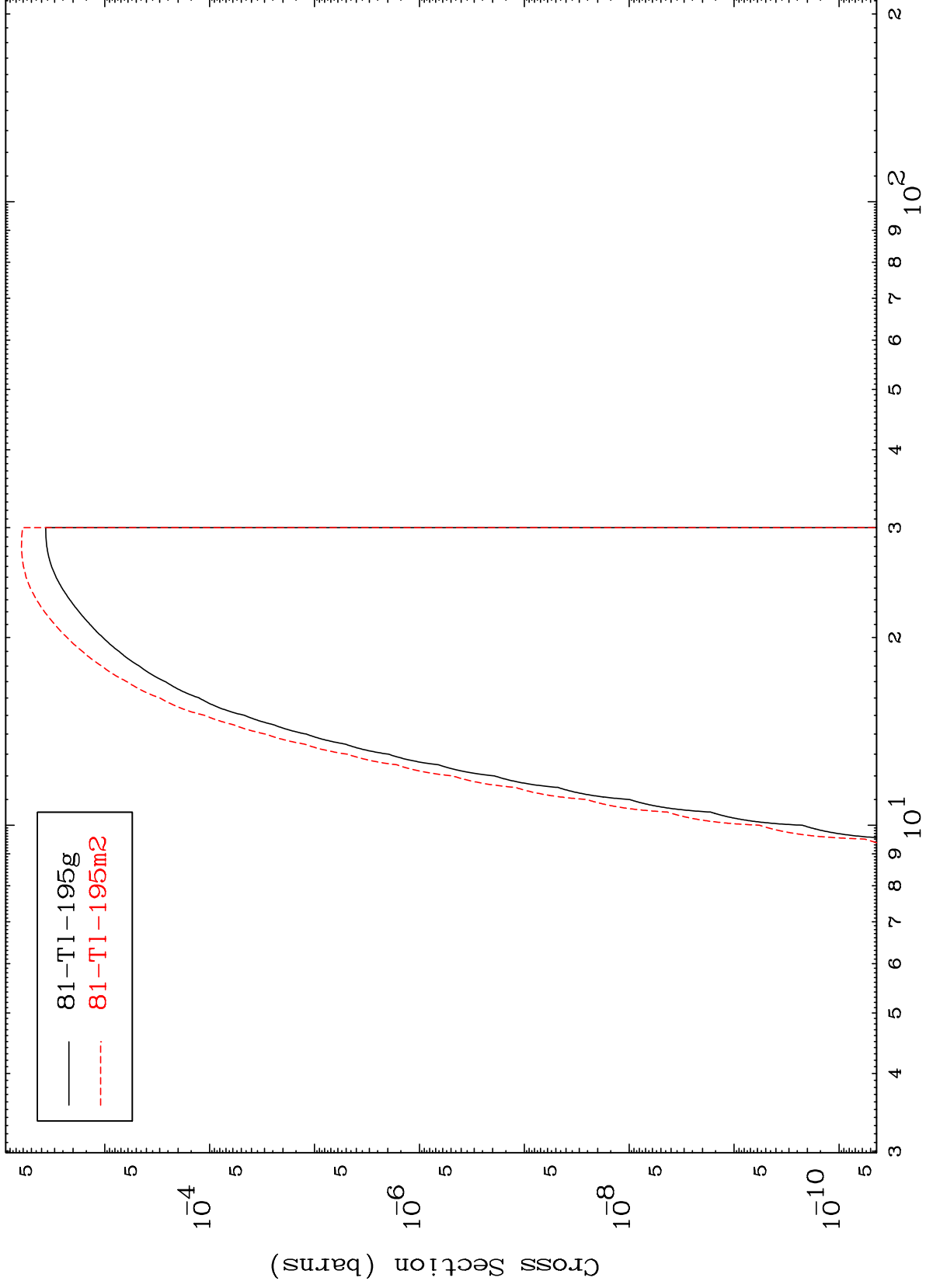
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

(n, t)  
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197m

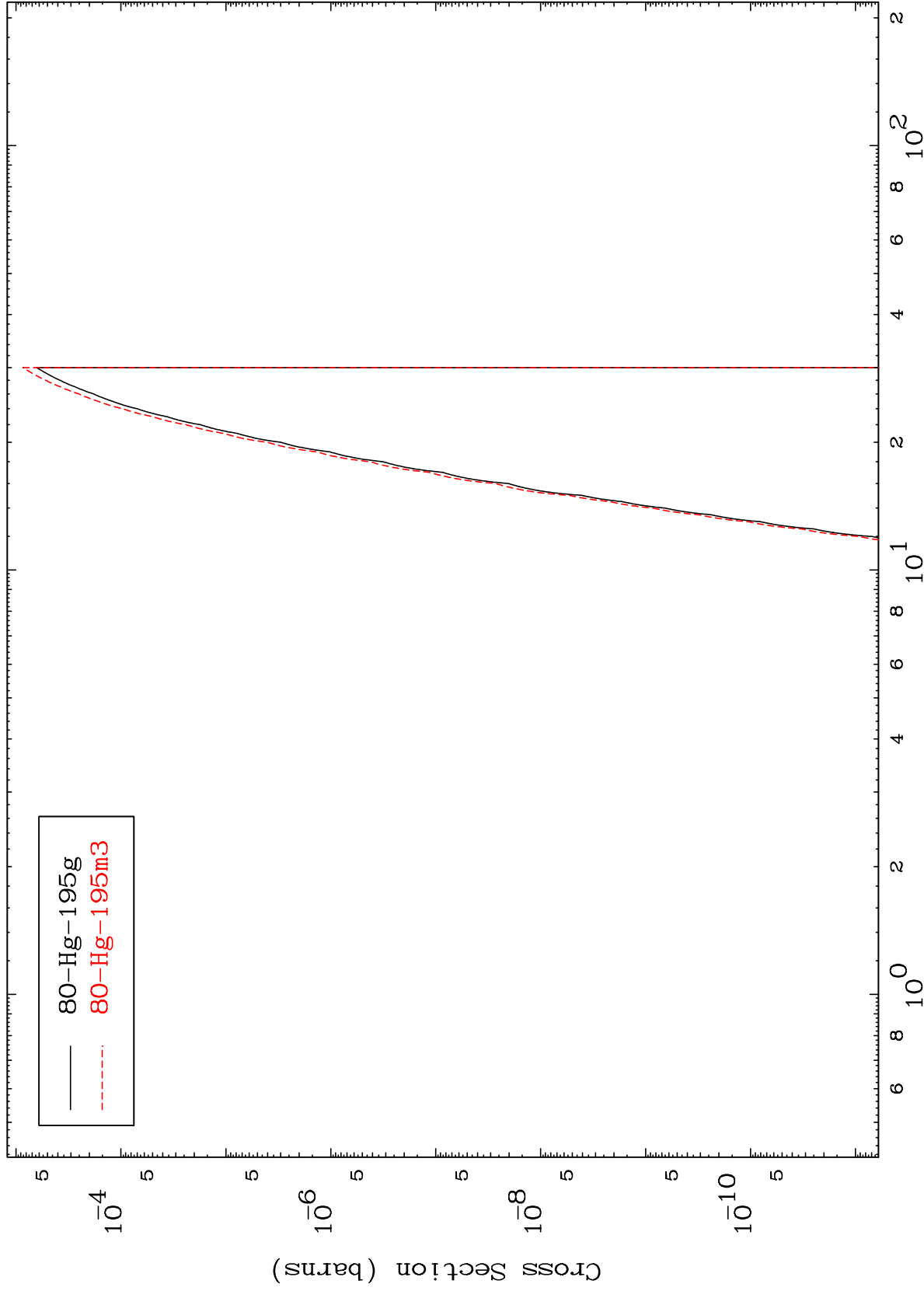
31

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(n,He-3)

82-Pb-197m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

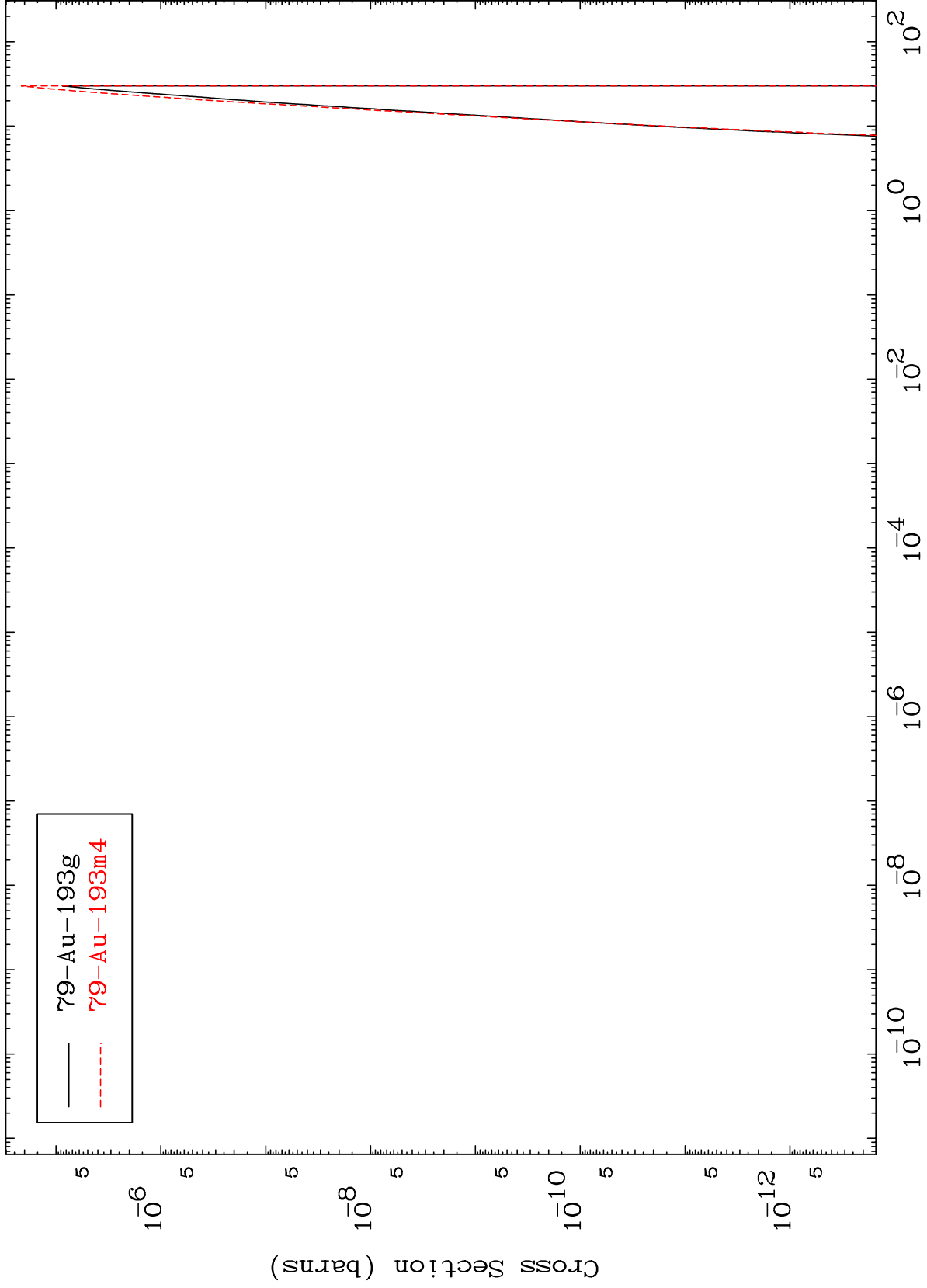
82-Pb-197m

MAT 8205

(n,p)  $\alpha$

82-Pb-197m

Radionuclide Production Cross Section

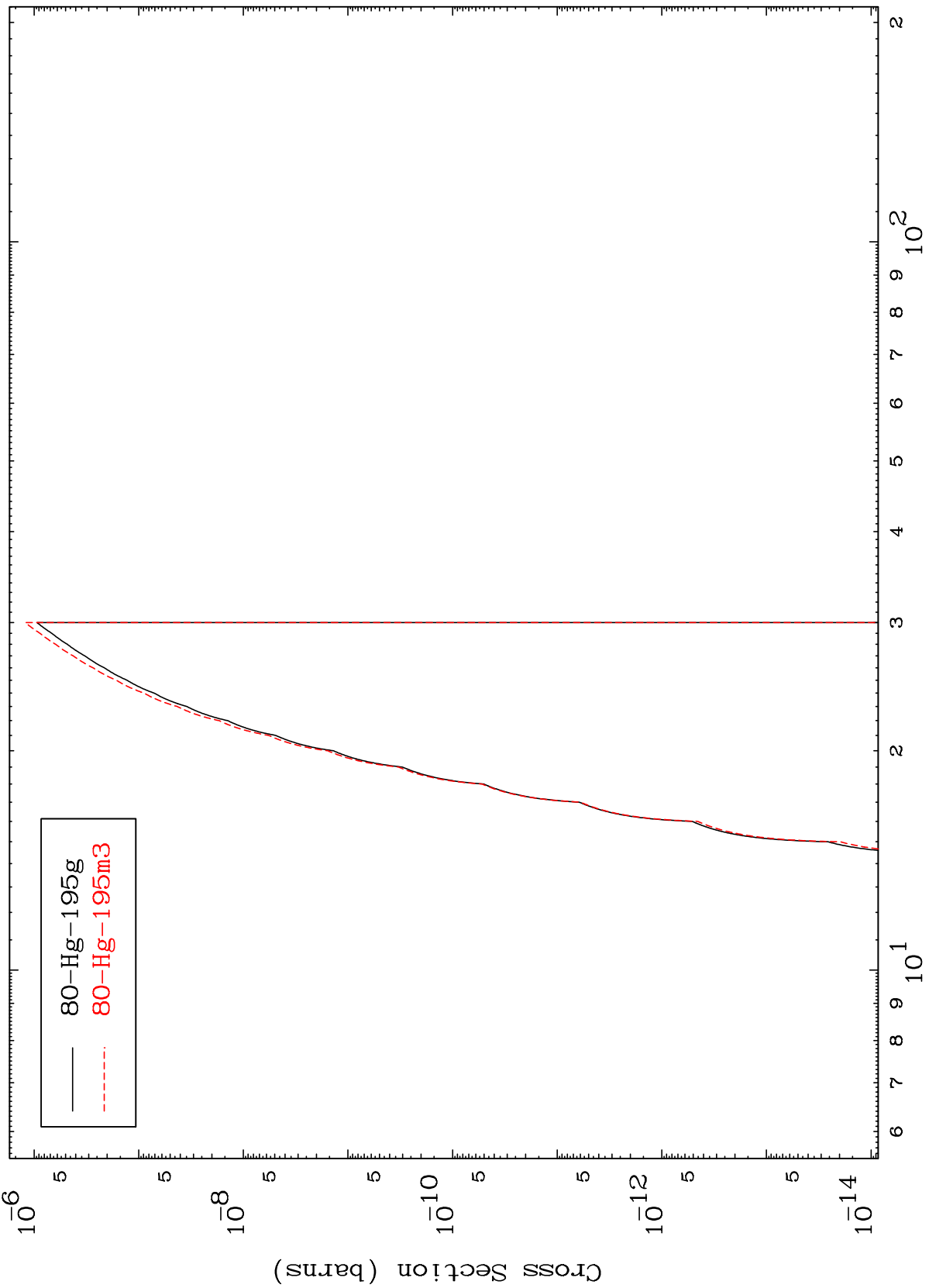


MAT 8205

(n,p) d

82-Pb-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197m

34