

Program EVALPLOT  
(Version 2018-1)

by

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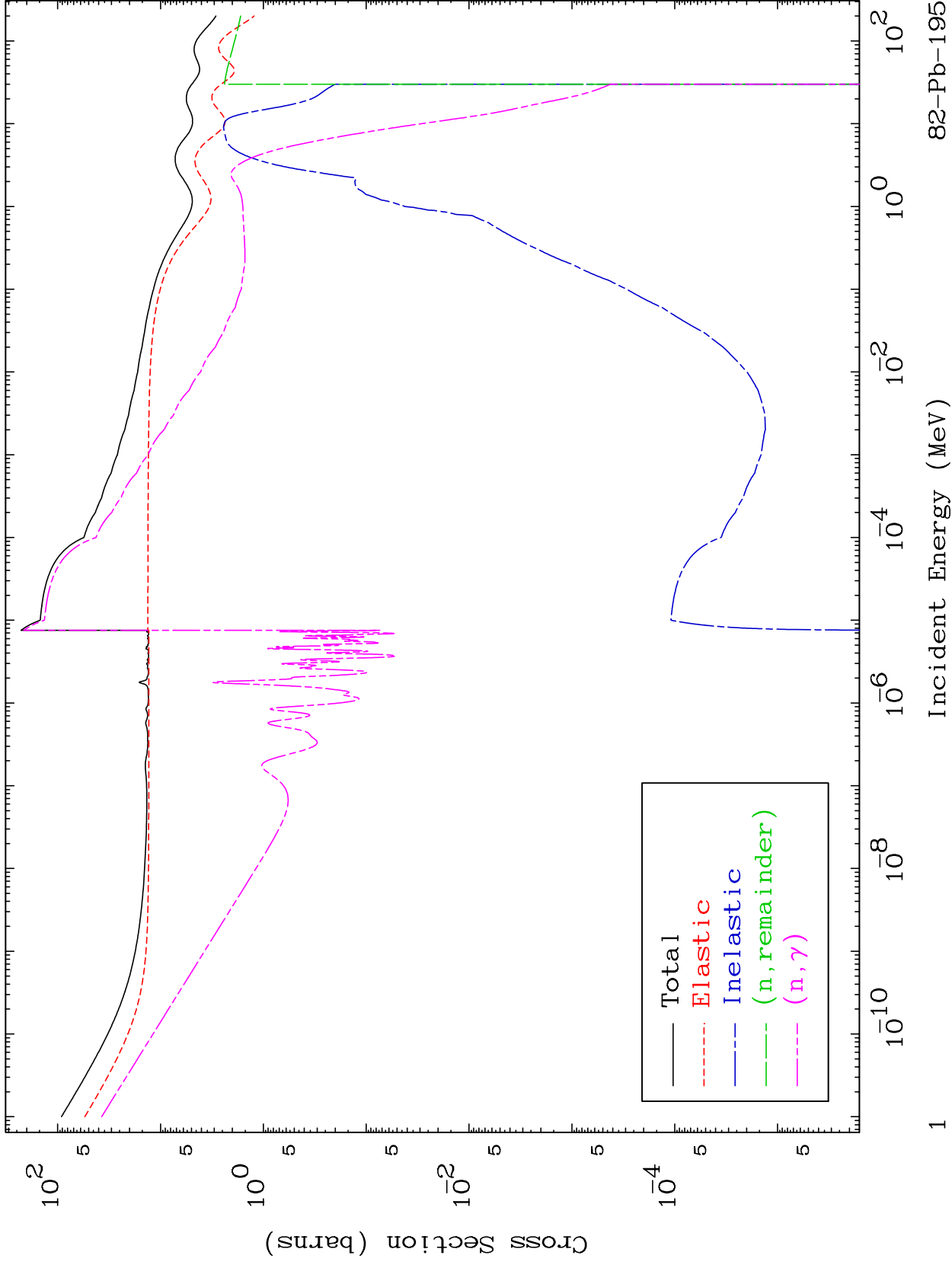
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8199

Major  
293 Kelvin Cross Sections

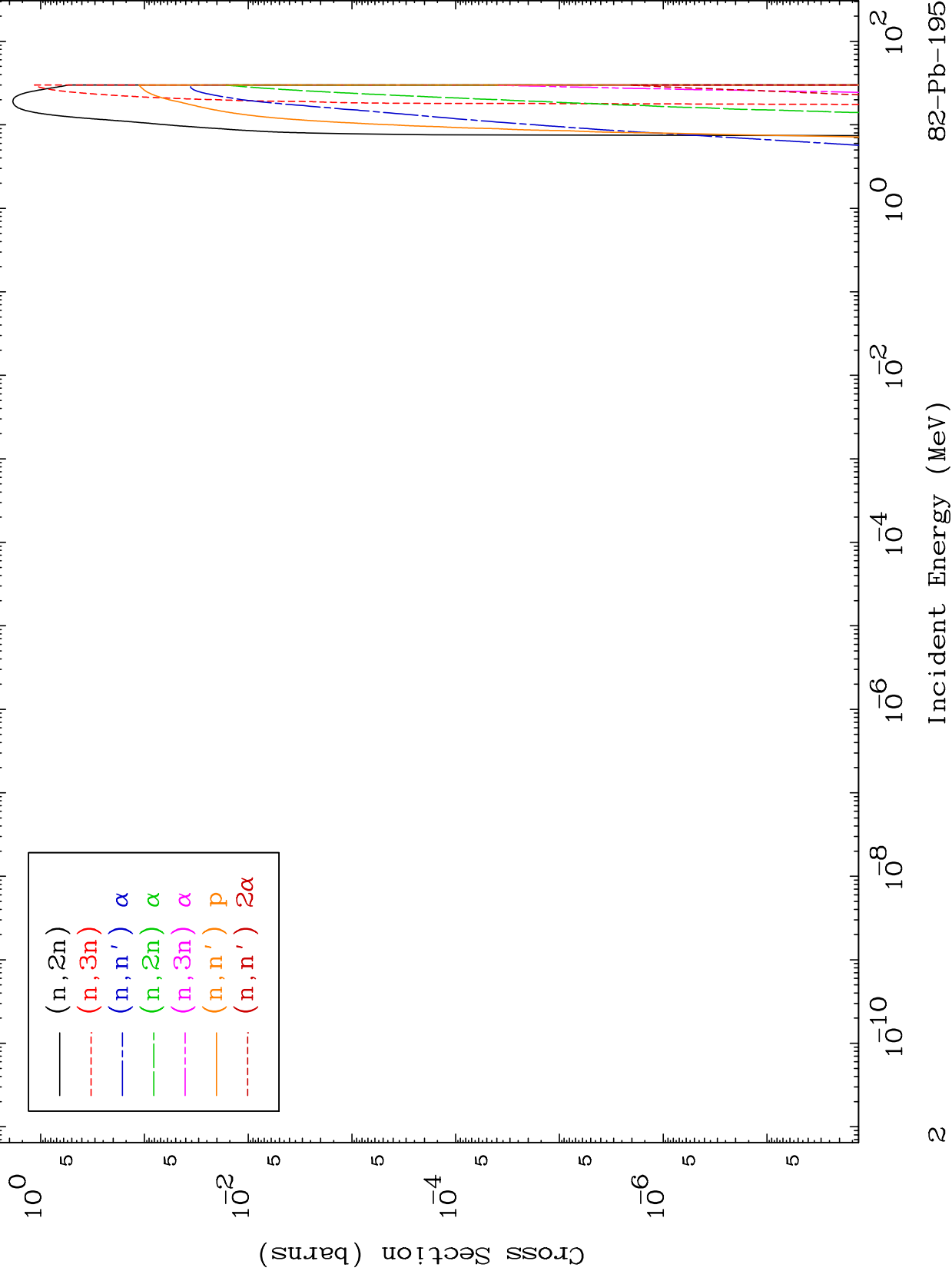
82-Pb-195



MAT 8199

Neutron Production  
293 Kelvin Cross Sections

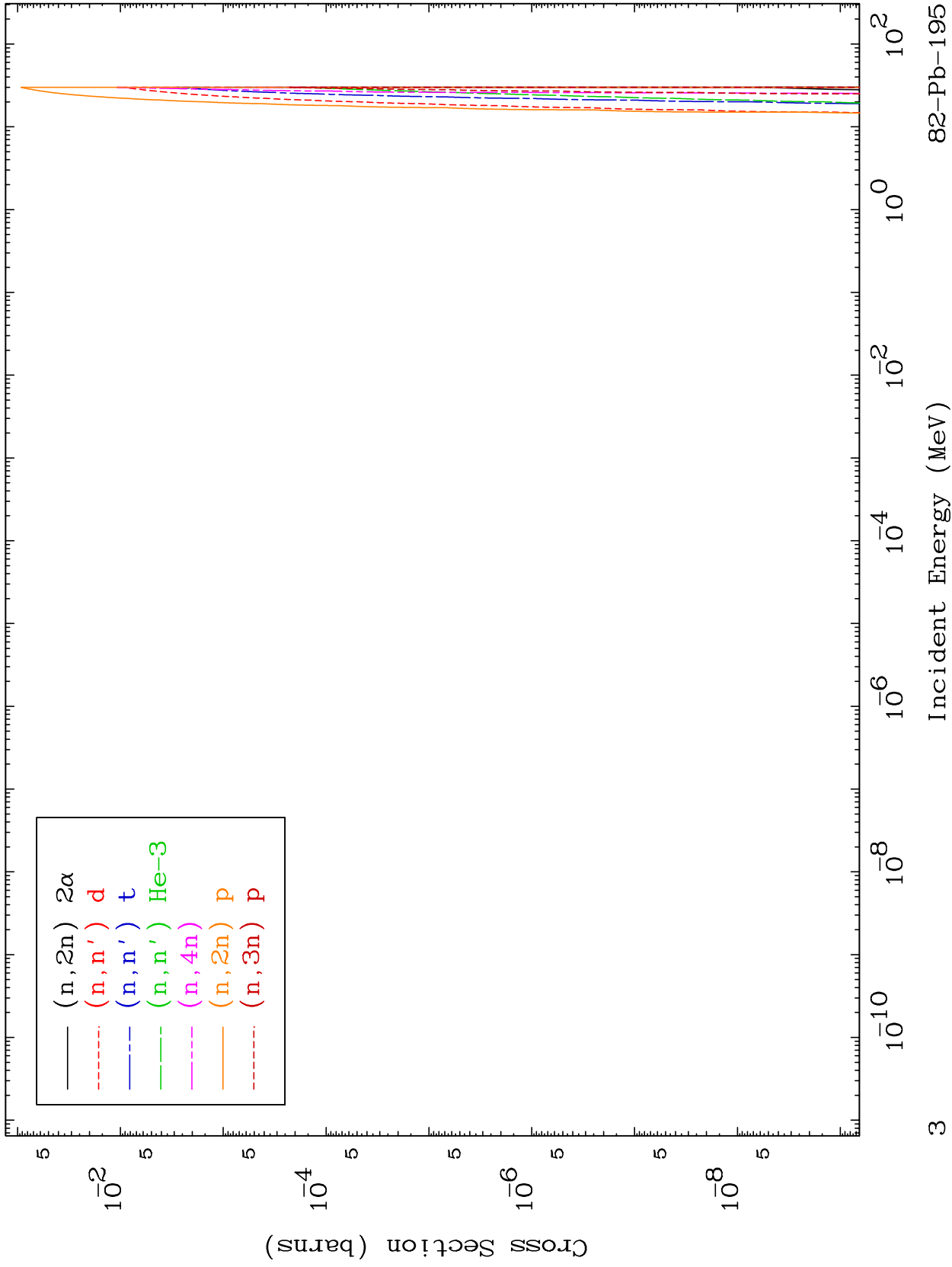
82-Pb-195



MAT 8199

Neutron Production  
293 Kelvin Cross Sections

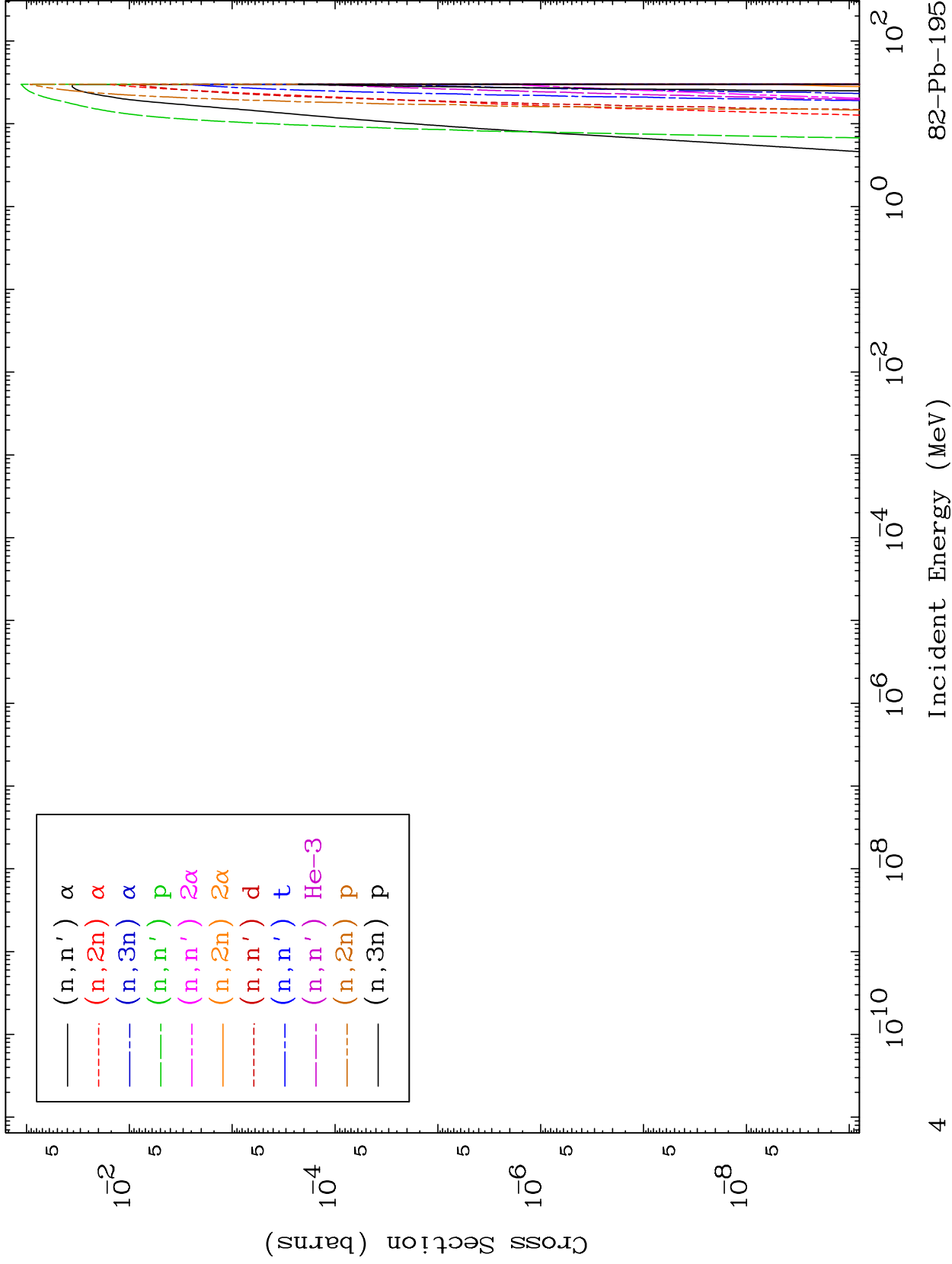
82-Pb-195



MAT 8199

Charged Particle  
293 Kelvin Cross Sections

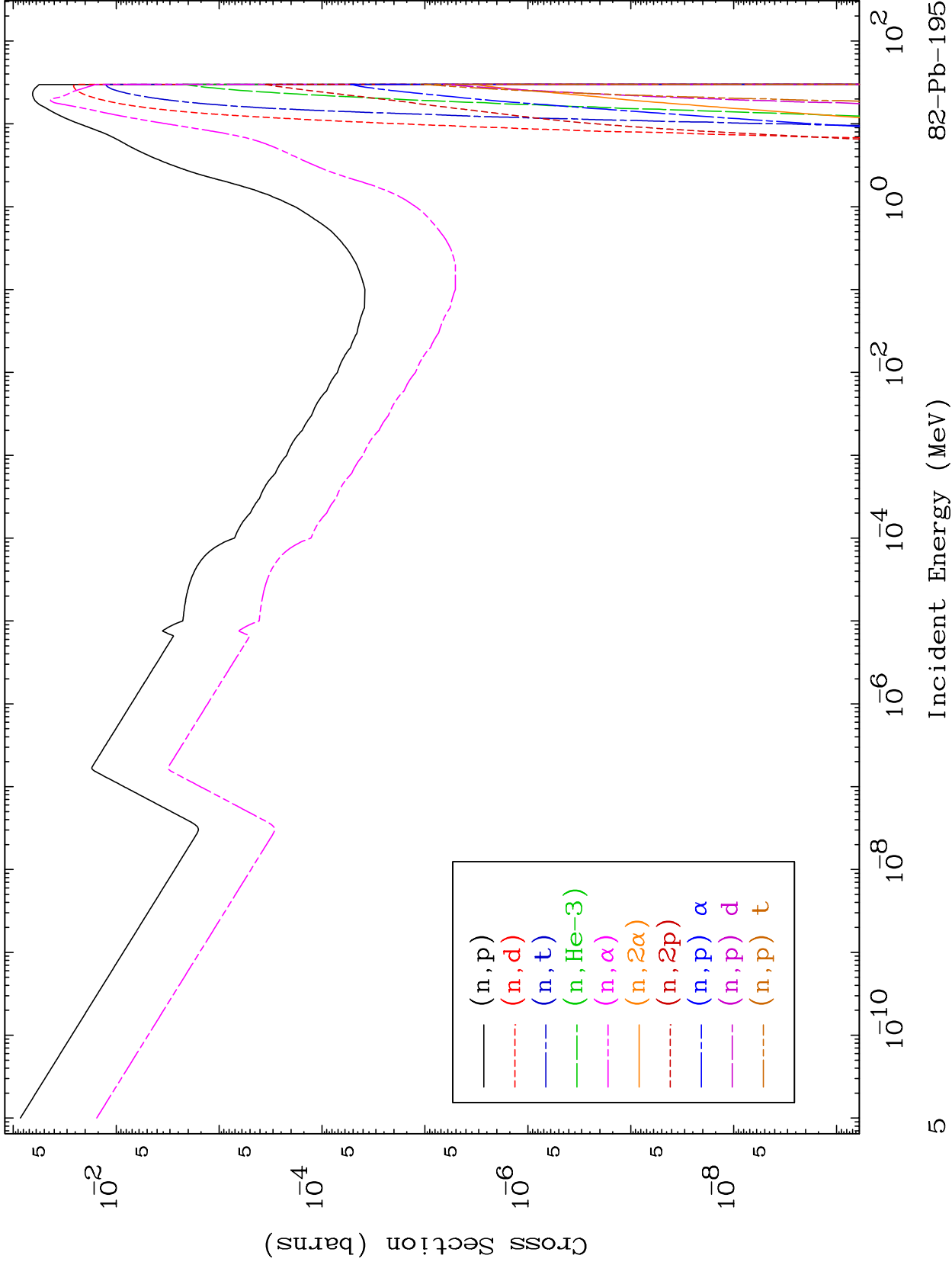
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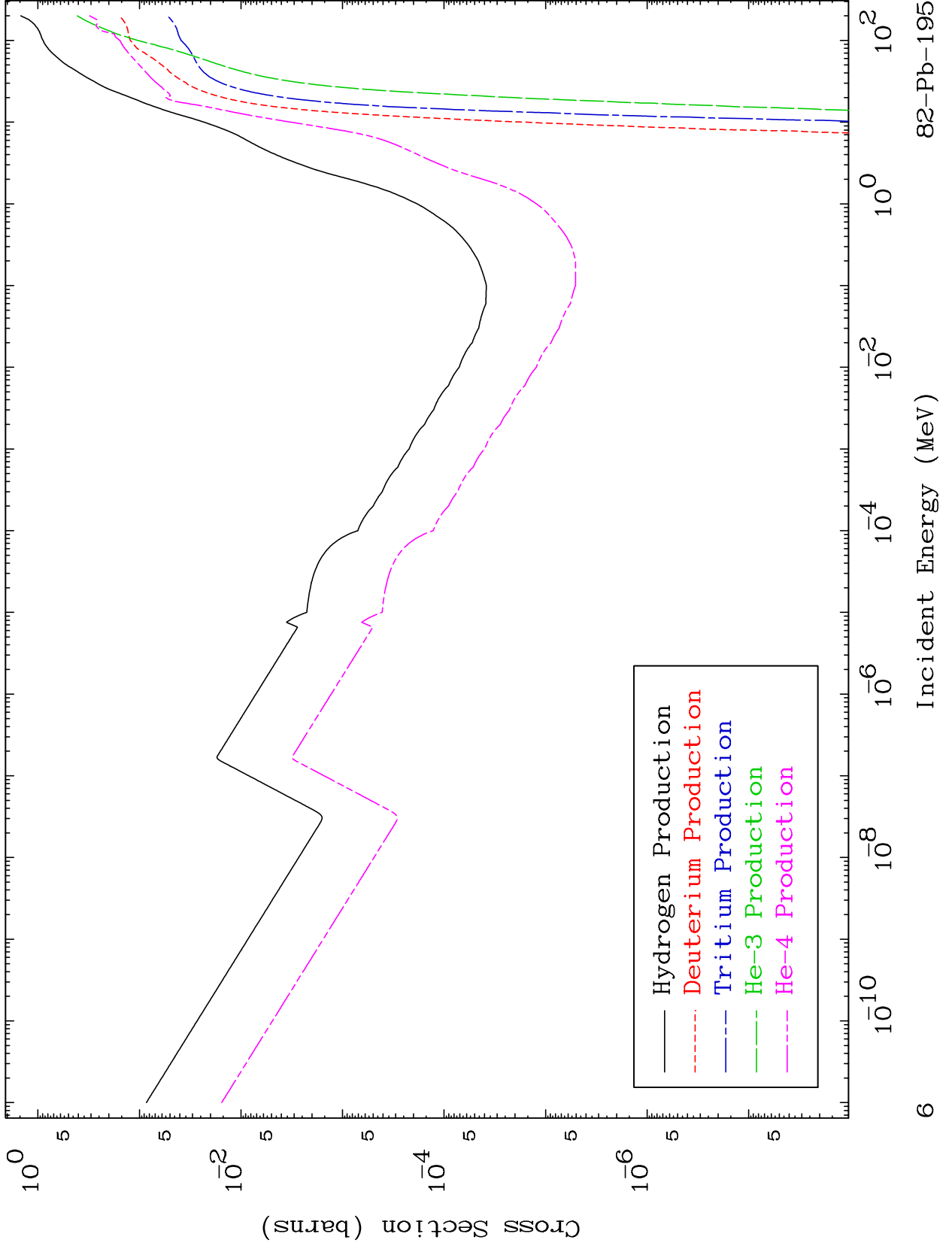


MAT 8199

Charged Particle  
293 Kelvin Cross Sections

82-Pb-195

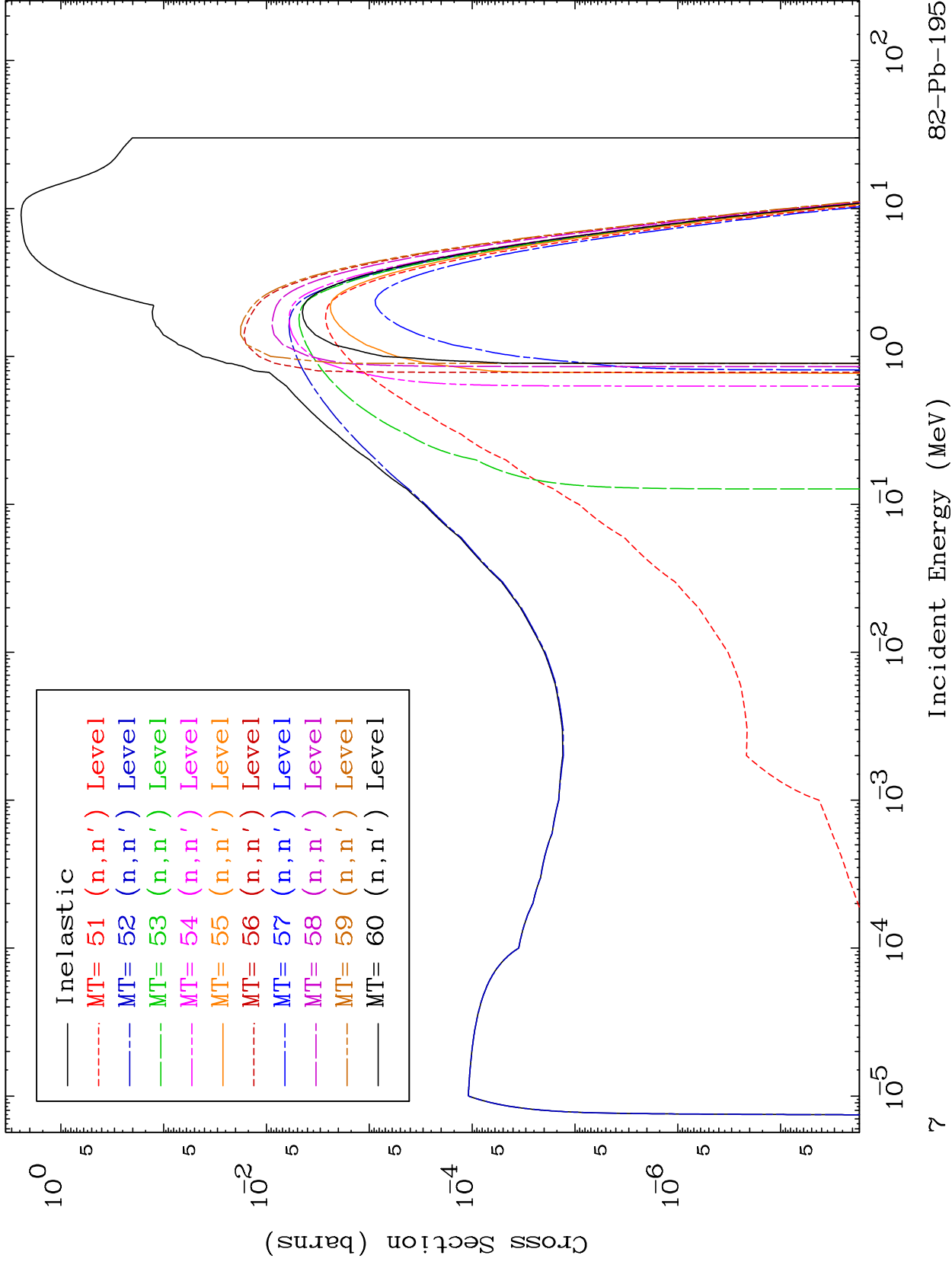




MAT 8199

(n,n') Level  
293 Kelvin Cross Sections

82-Pb-195

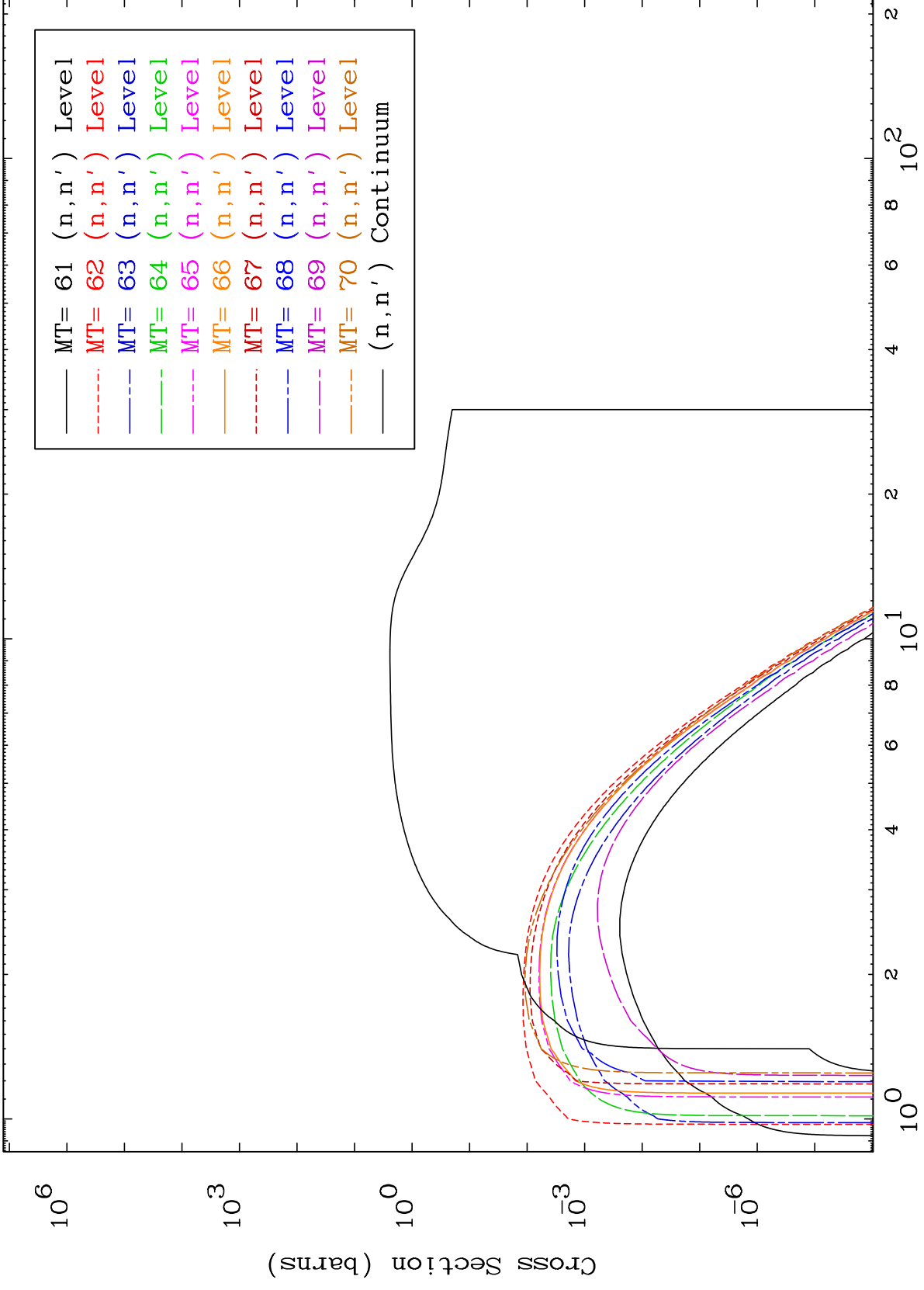


MAT 8199

(n,n') Level

82-Pb-195

293 Kelvin Cross Sections



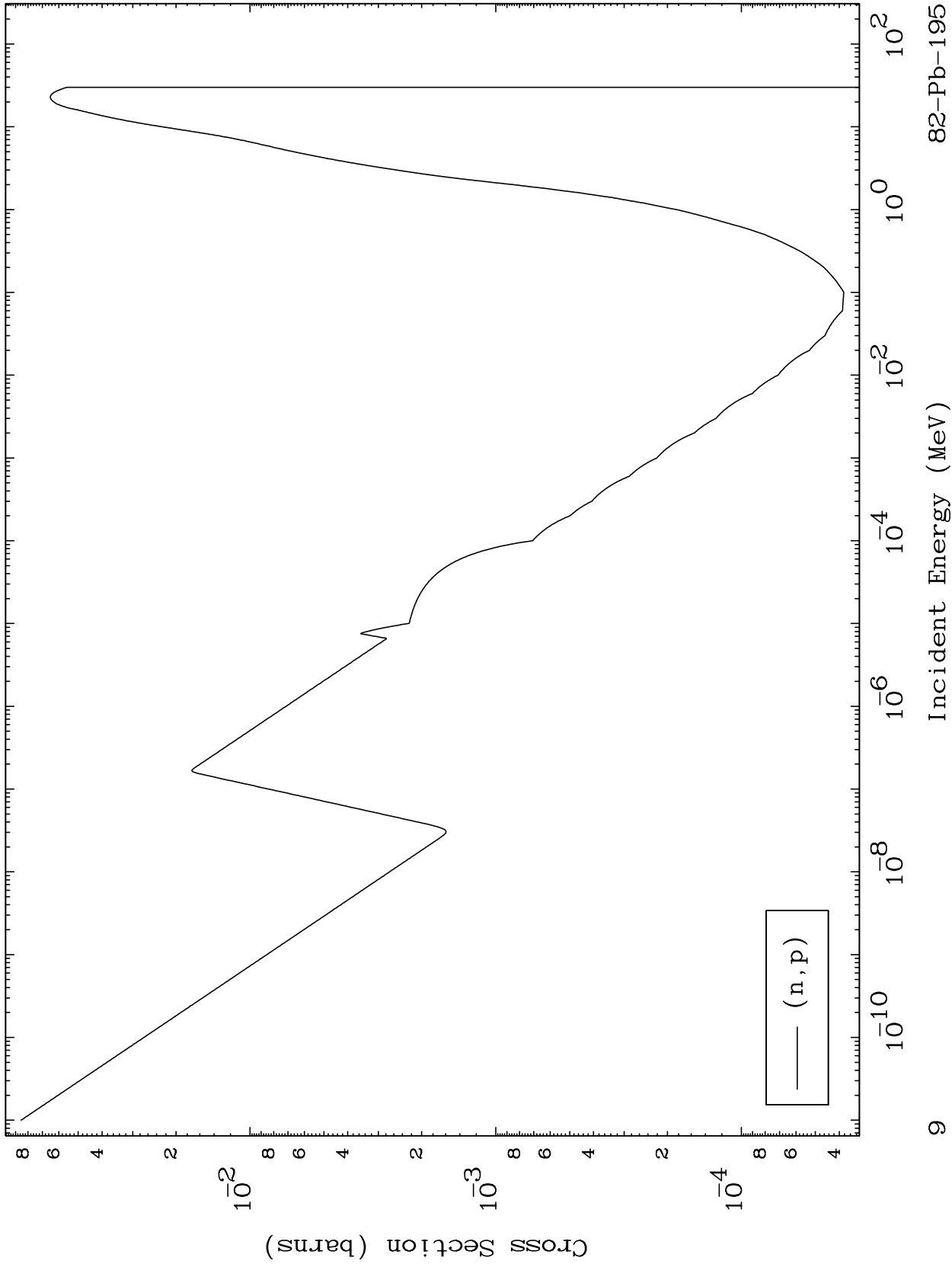
Incident Energy (MeV)

82-Pb-195

MAT 8199

(n,p) Levels  
293 Kelvin Cross Sections

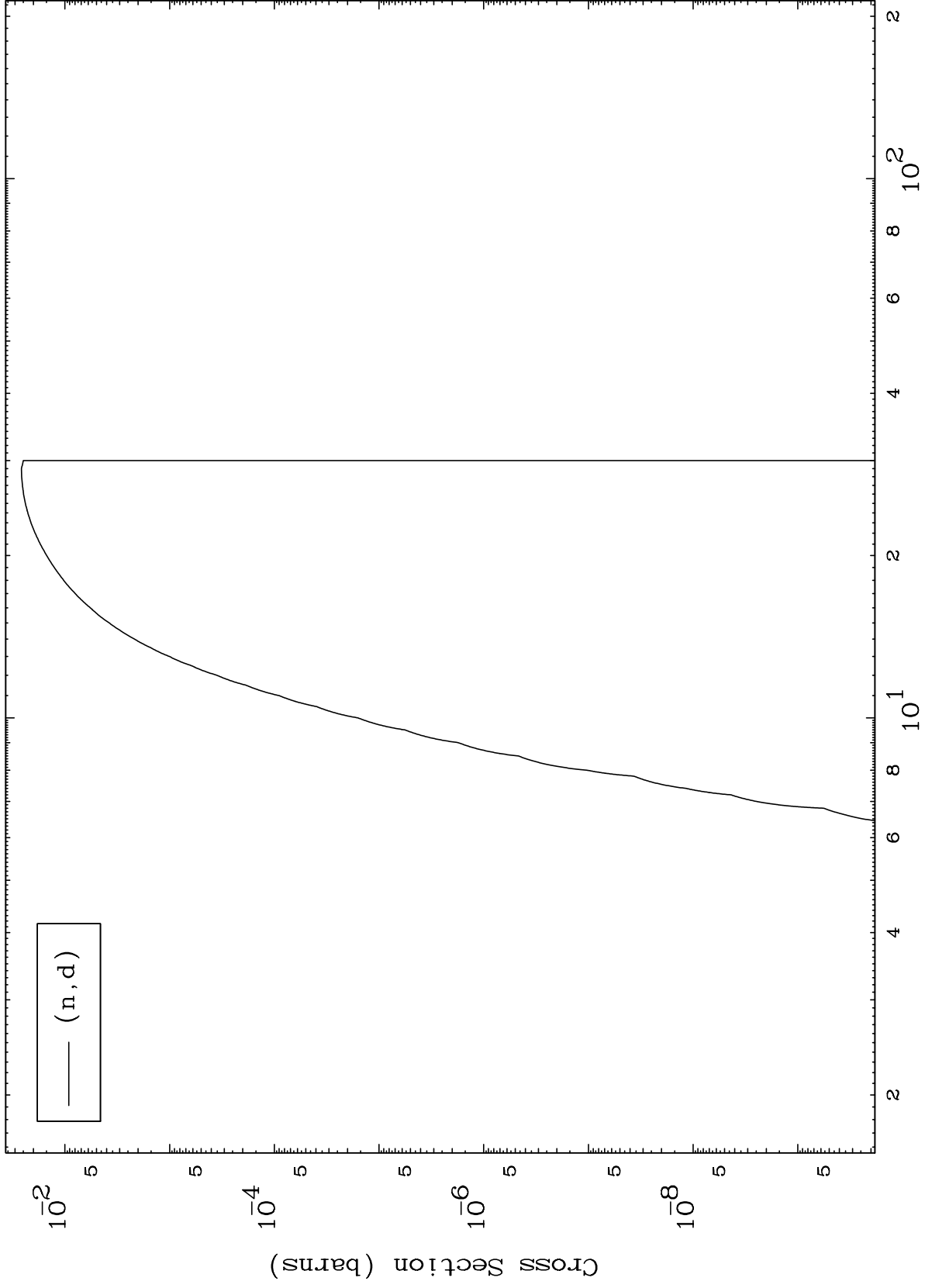
82-Pb-195



MAT 8199

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-195



10

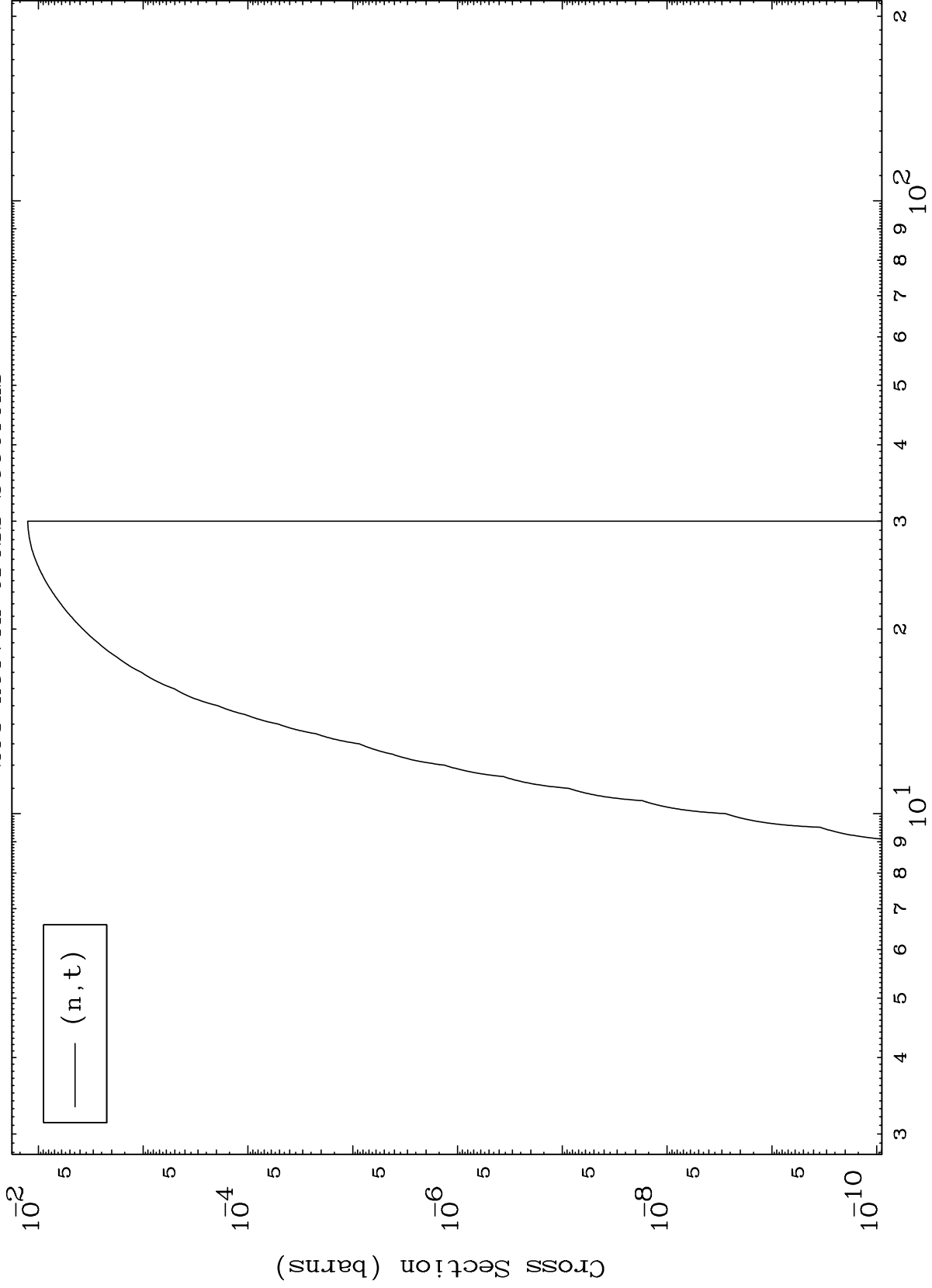
Incident Energy (MeV)

82-Pb-195

MAT 8199

(n,t) Levels  
293 Kelvin Cross Sections

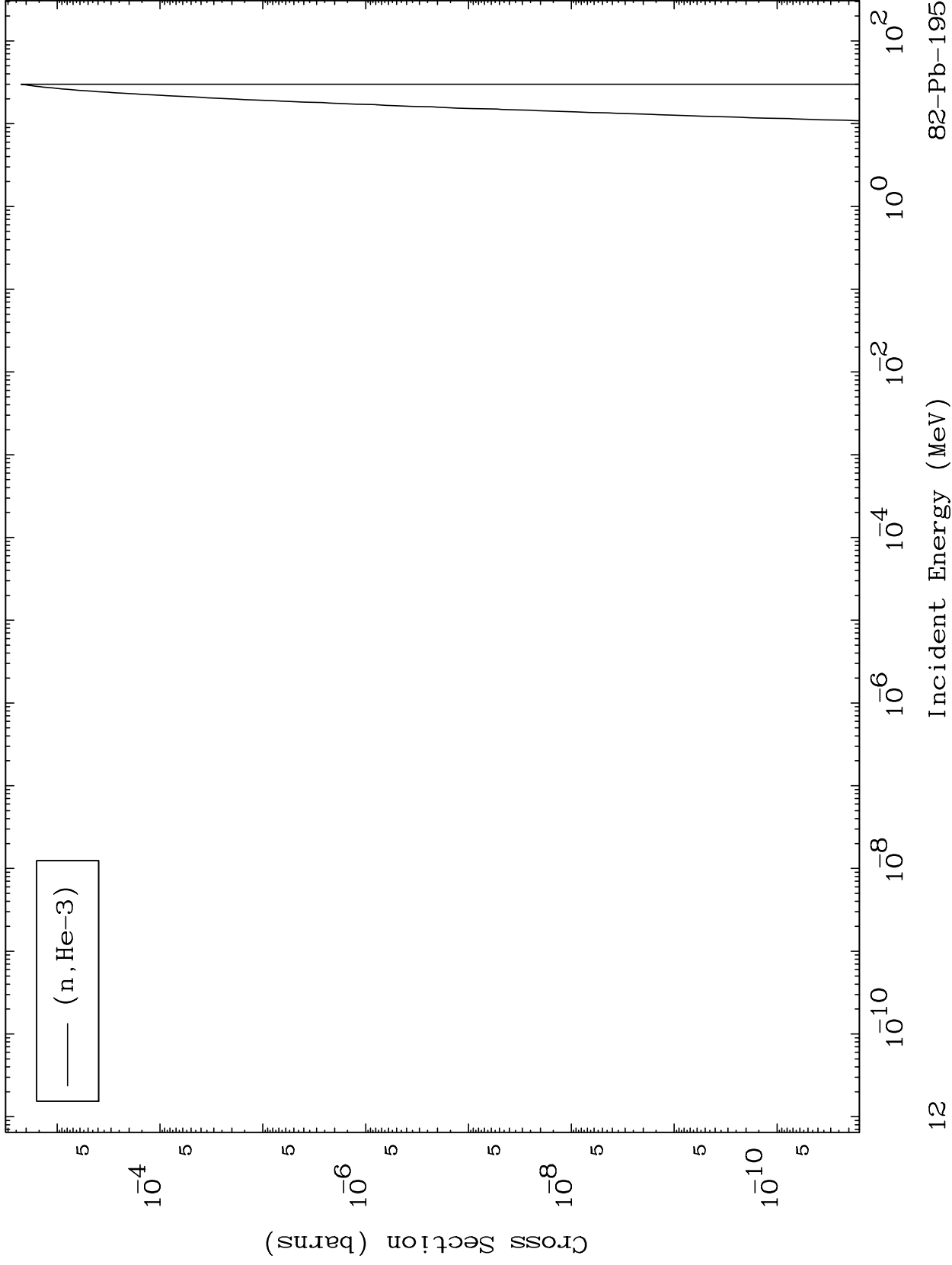
82-Pb-195



MAT 8199

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-195



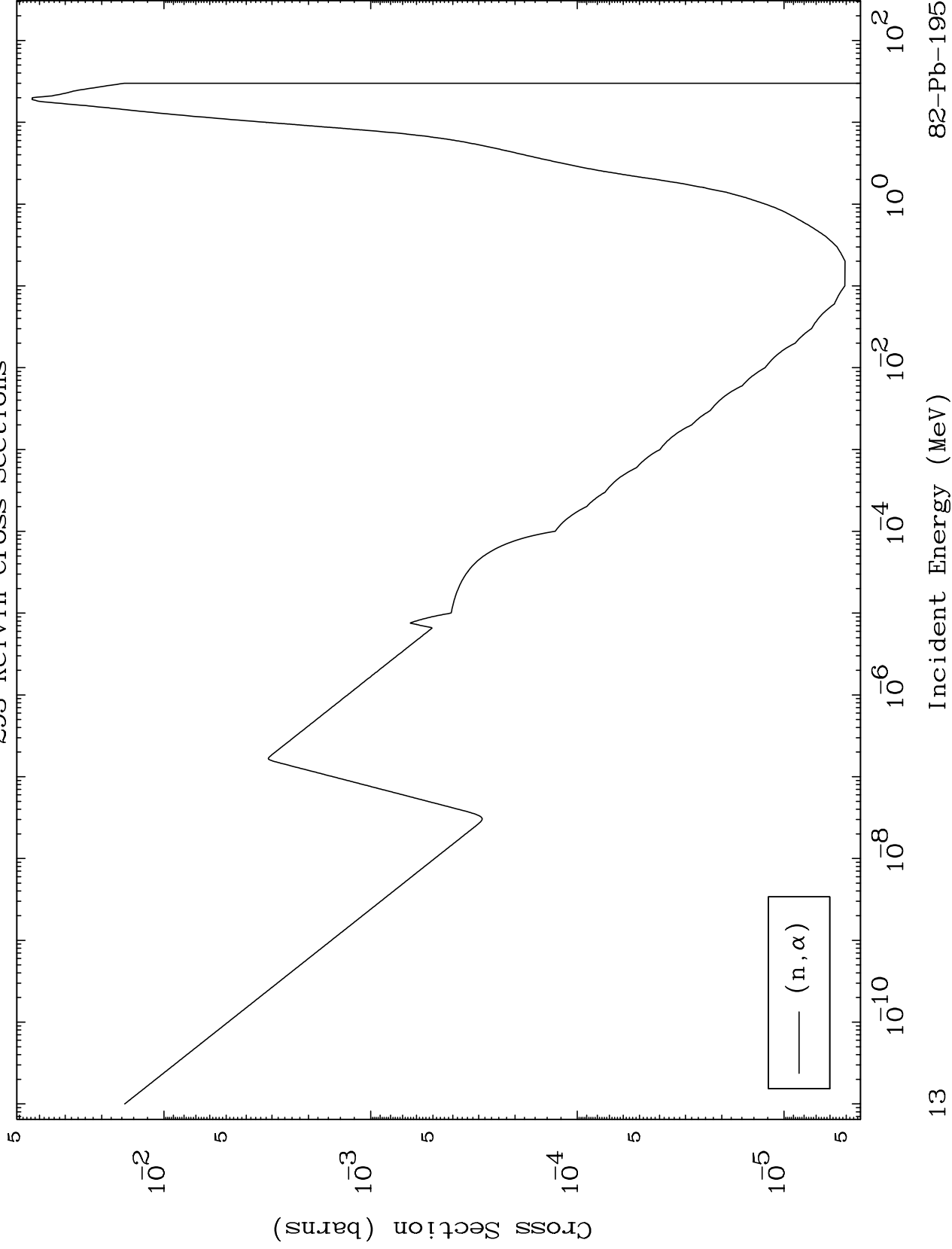
12

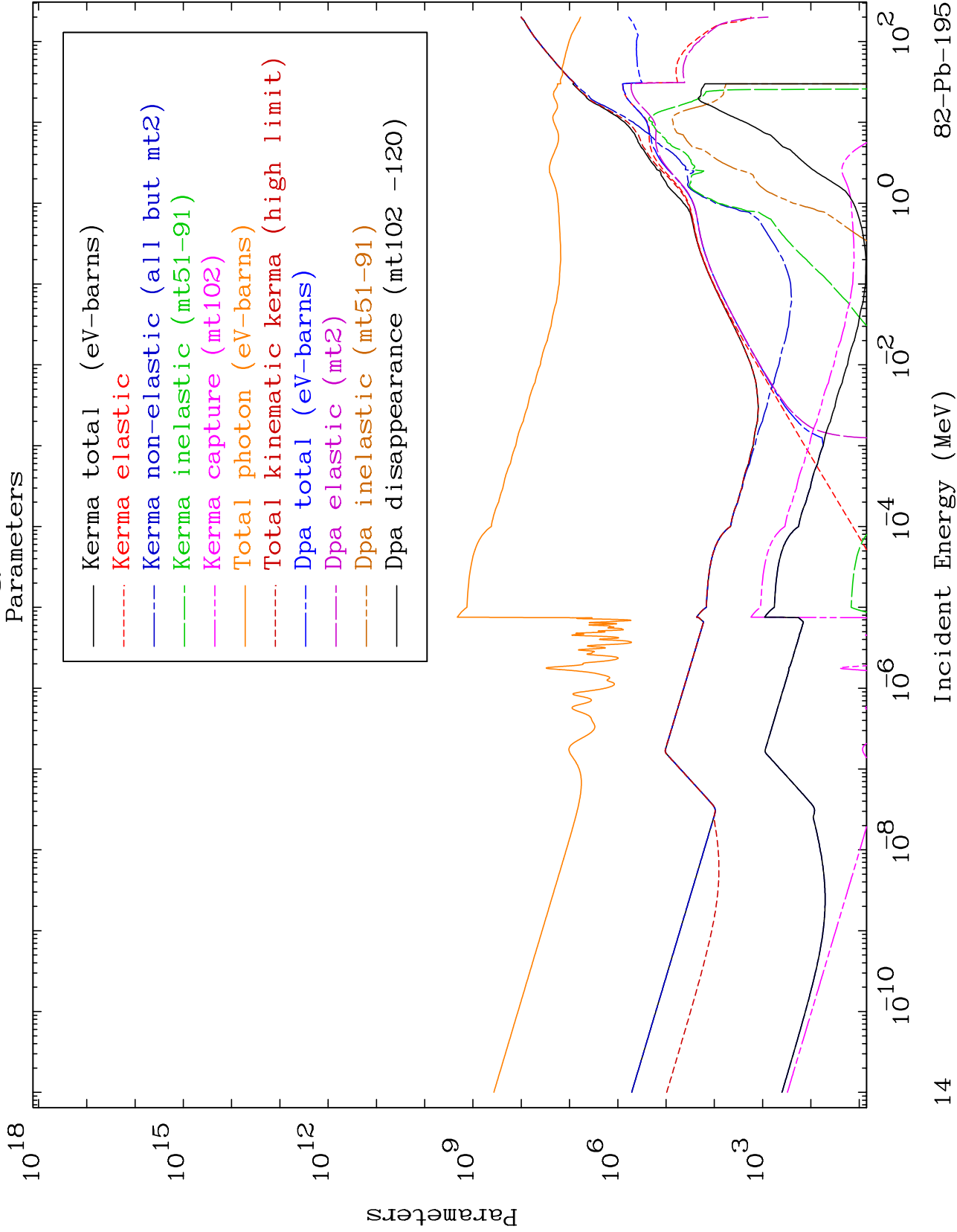
82-Pb-195

MAT 8199

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

82-Pb-195



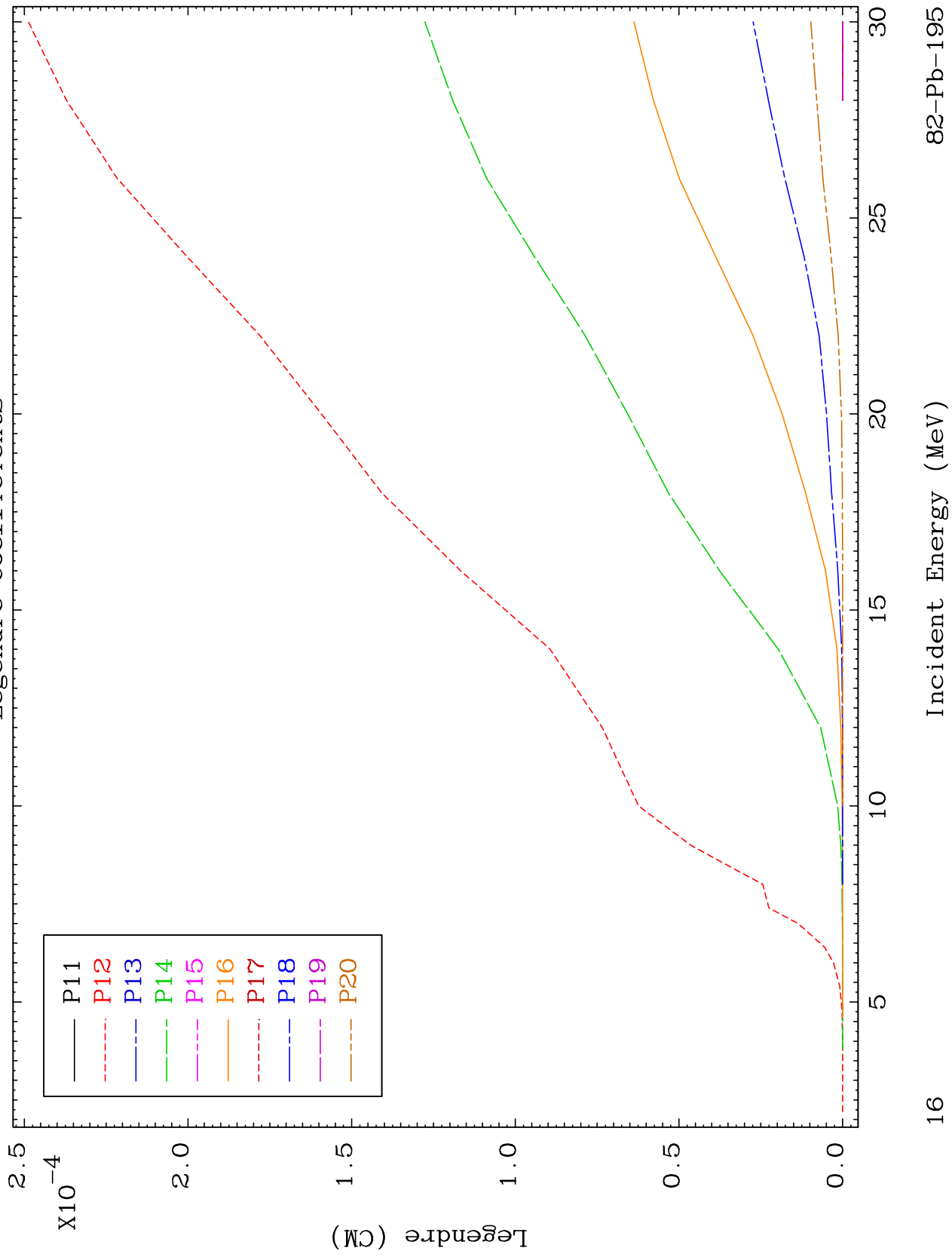




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Elastic  
Legendre Coefficients

82-Pb-195



16

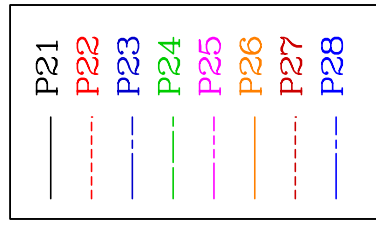
Incident Energy (MeV)

82-Pb-195

MAT 8199

Elastic  
Legendre Coefficients

82-Pb-195



$\times 10^{-6}$

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

25

30

17

Incident Energy (MeV)

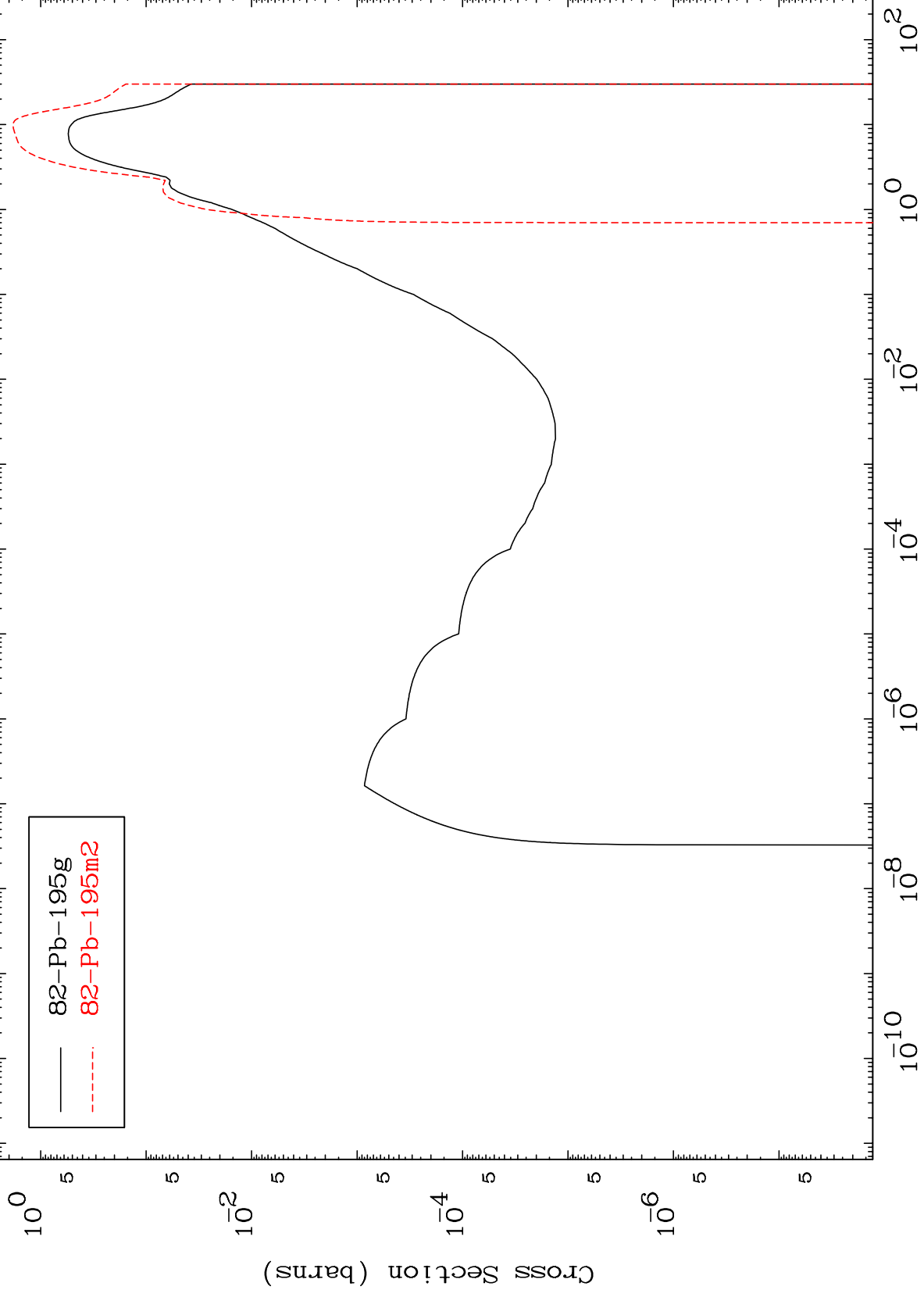
82-Pb-195



MAT 8199

Inelastic  
Radionuclide Production Cross Section

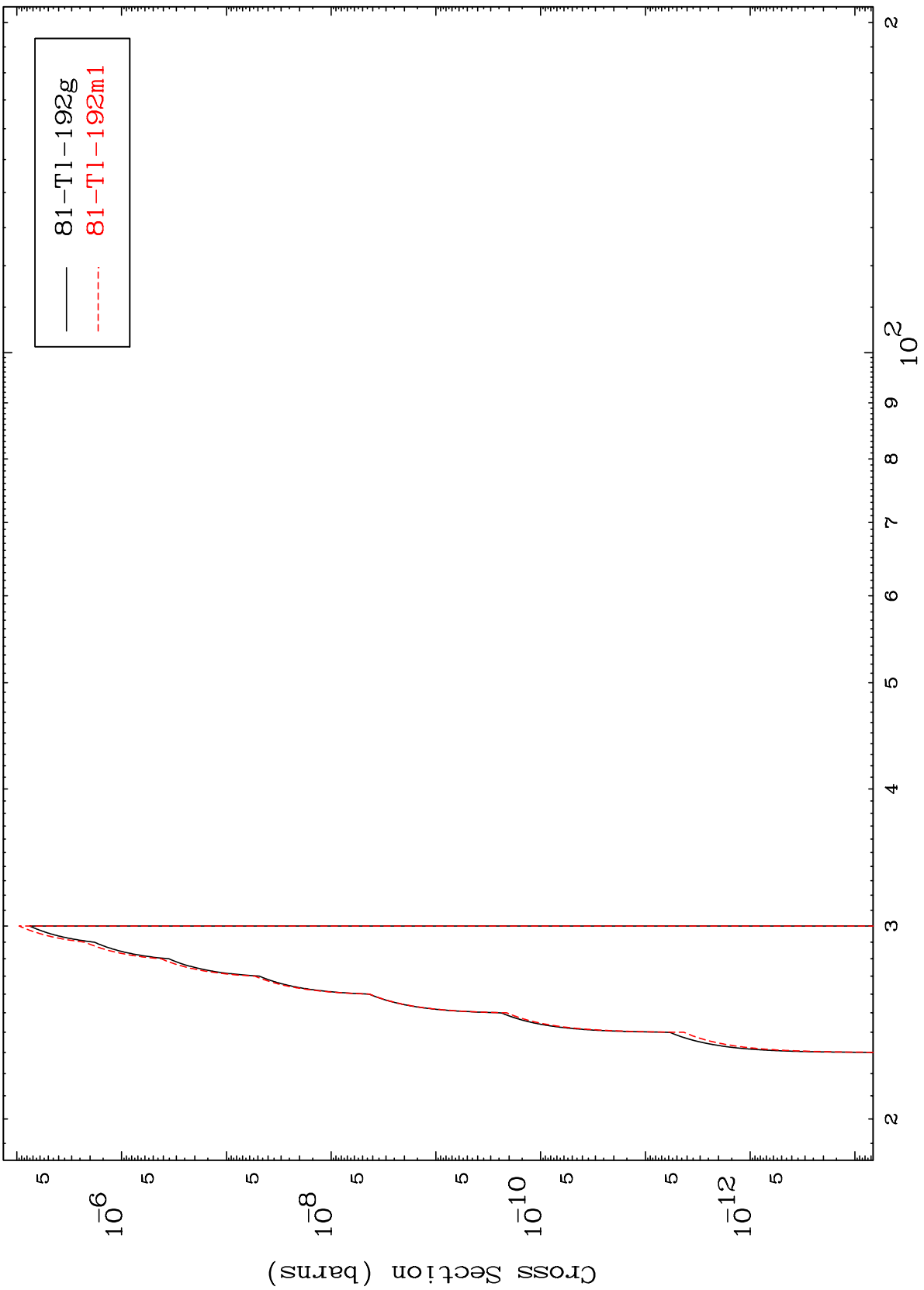
82-Pb-195



82-Pb-195g  
82-Pb-195m2

82-Pb-195

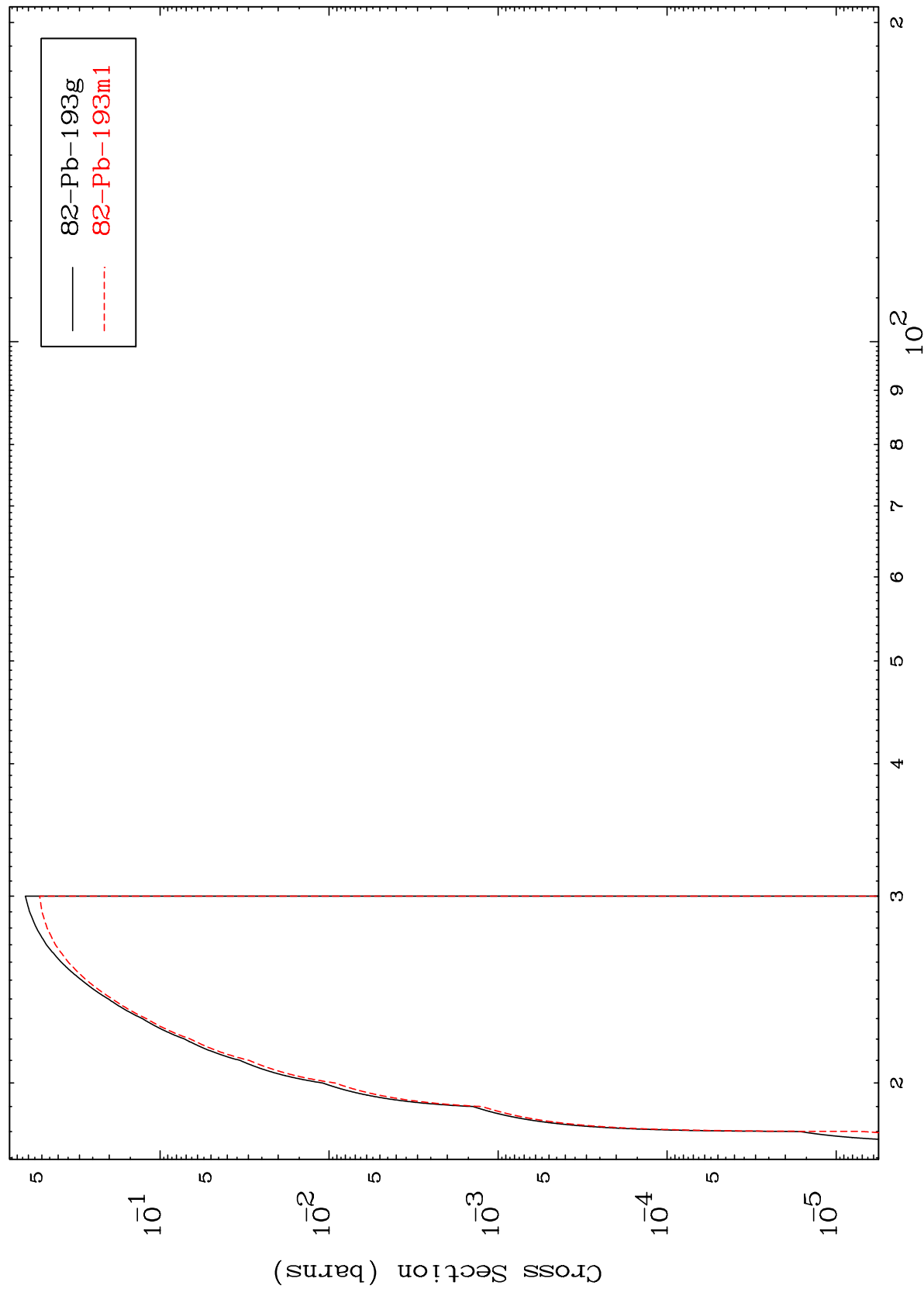
Radionuclide Production Cross Section



MAT 8199

82-Pb-195

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

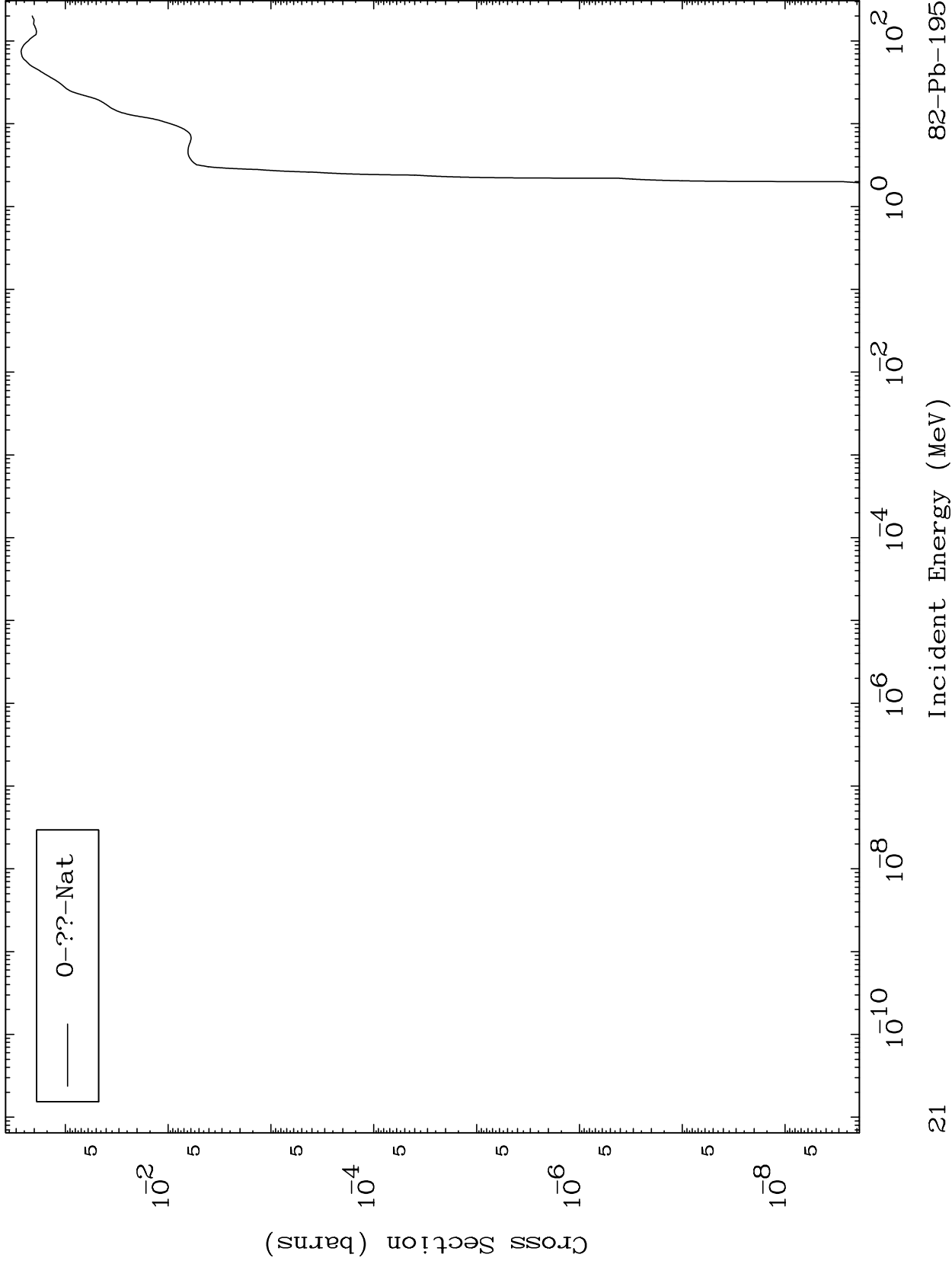
82-Pb-195

MAT 8199

Fission

82-Pb-195

Radionuclide Production Cross Section

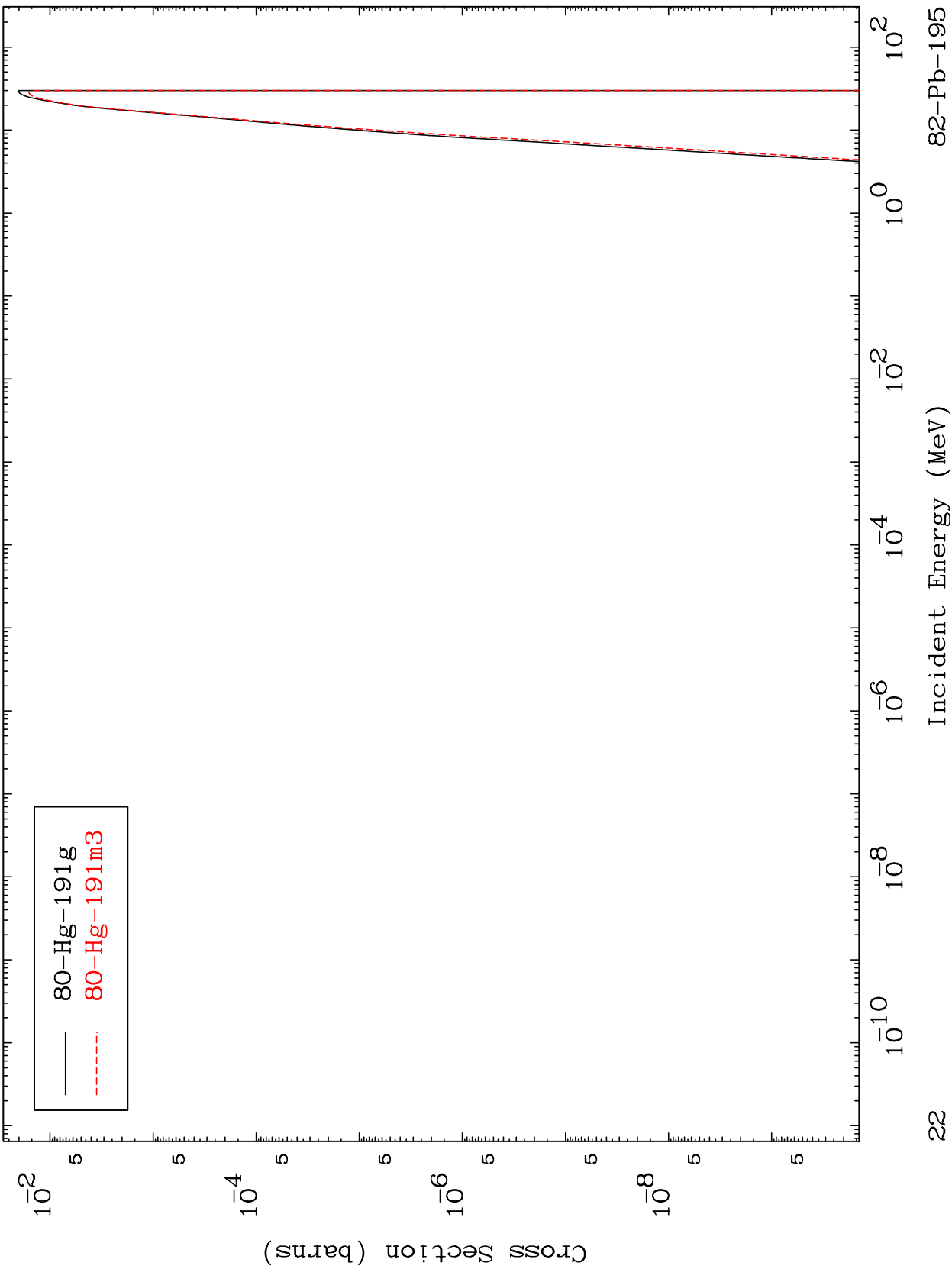


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$(n, n') \alpha$

82-Pb-195

Radionuclide Production Cross Section

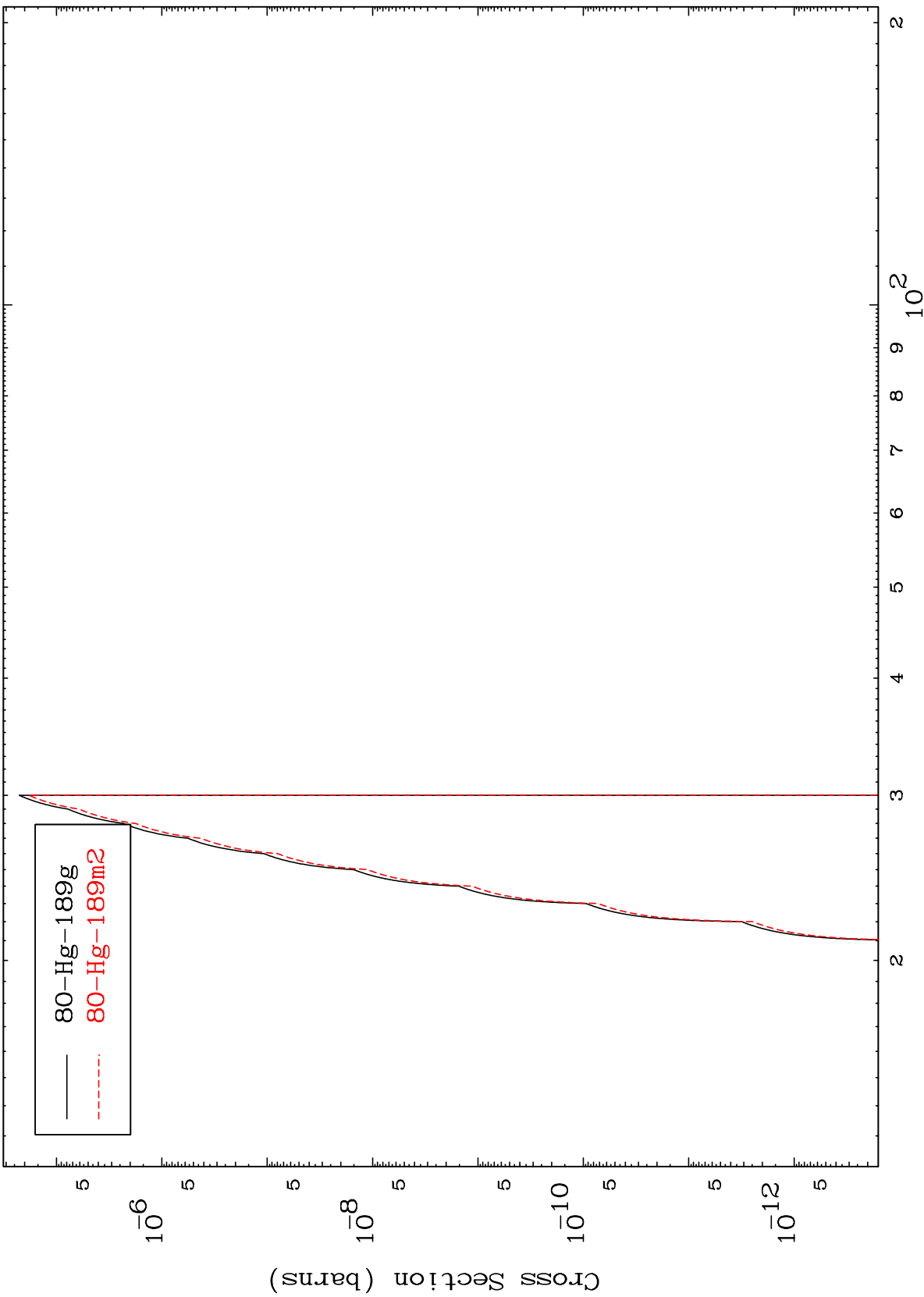


MAT 8199

(n,3n)  $\alpha$

82-Pb-195

Radionuclide Production Cross Section

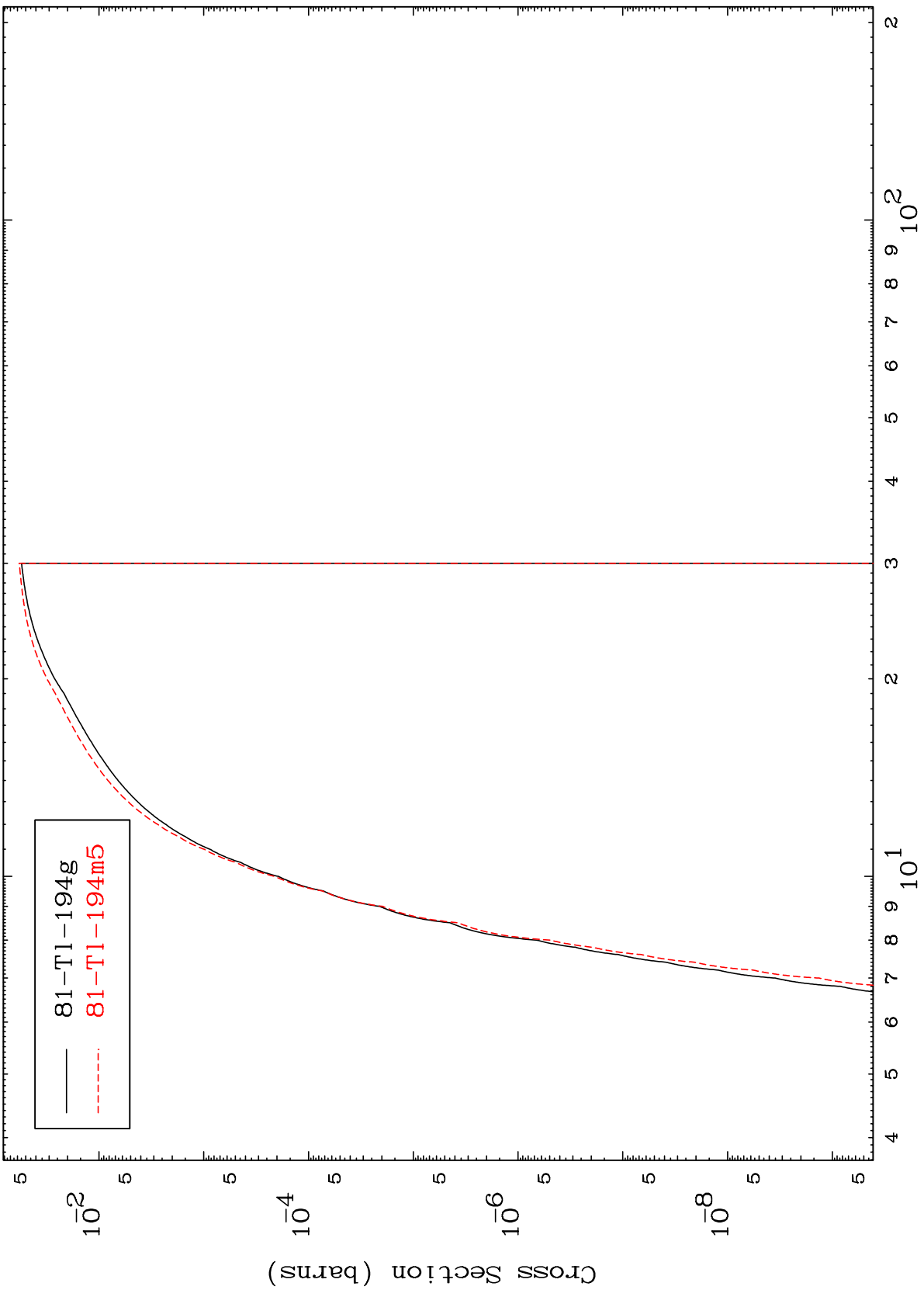


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(n,n') p

82-Pb-195

Radionuclide Production Cross Section



24

Incident Energy (MeV)

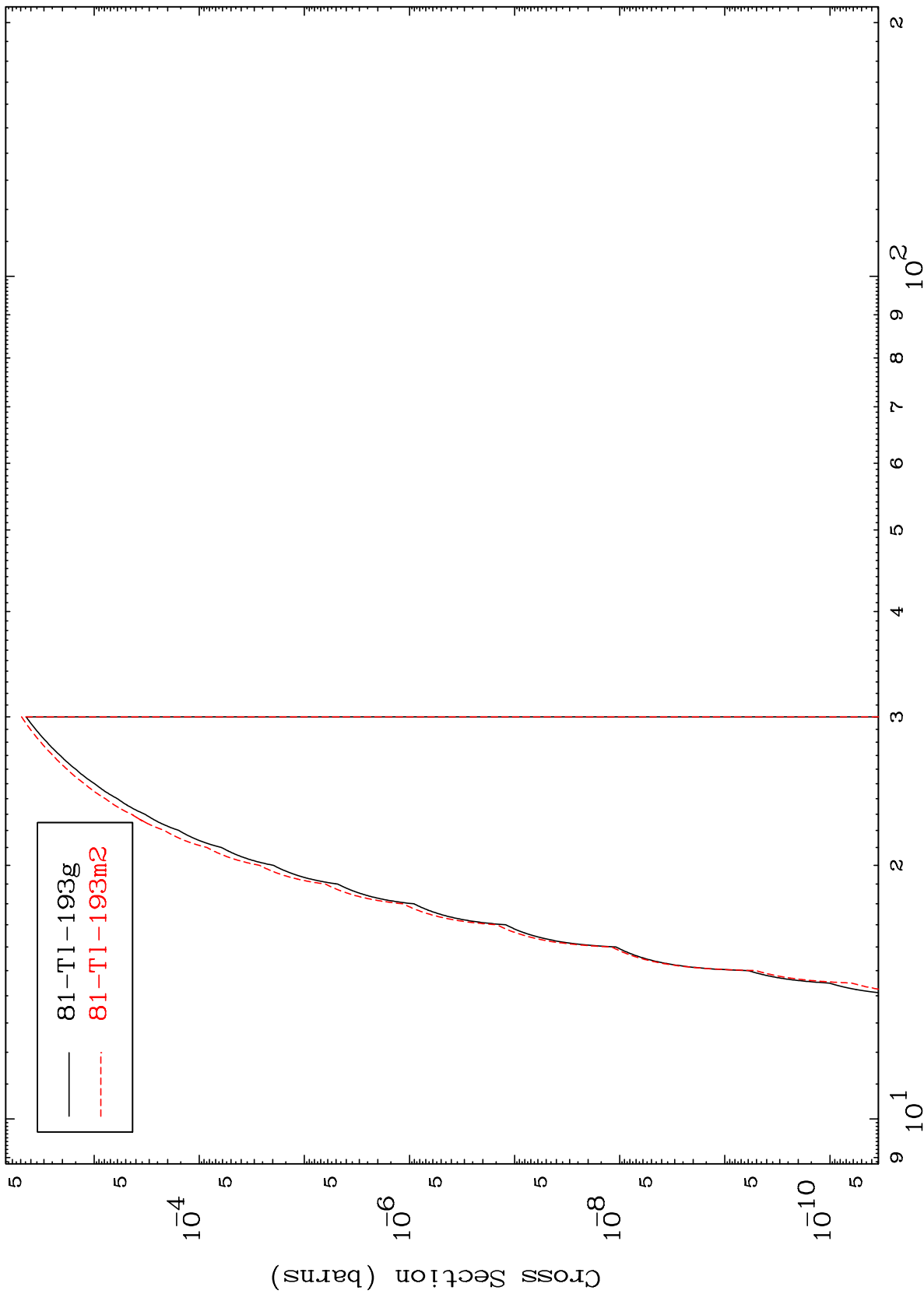
82-Pb-195

MAT 8199

(n,n') d

82-Pb-195

Radionuclide Production Cross Section

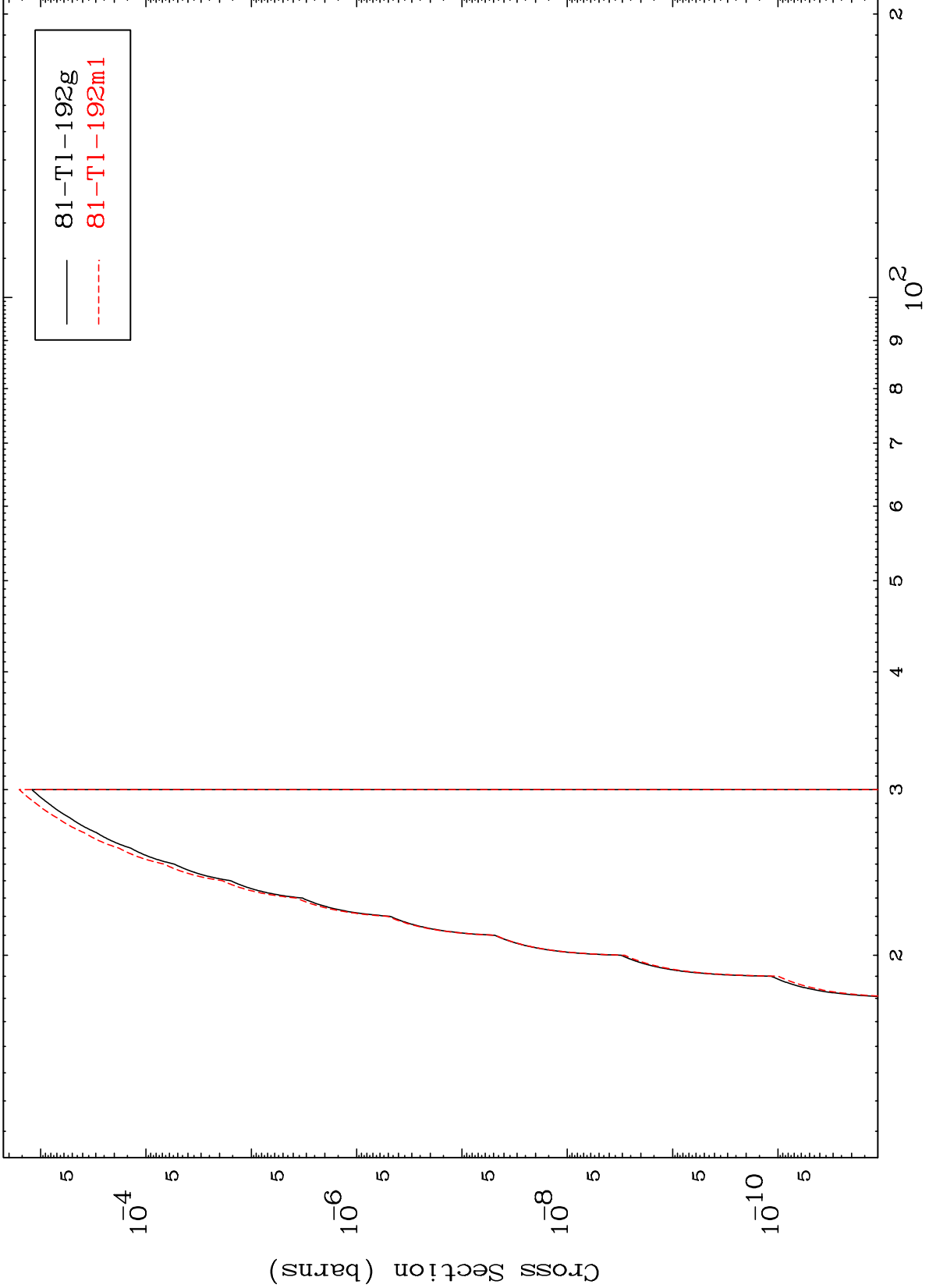


25

Incident Energy (MeV)

82-Pb-195

Radionuclide Production Cross Section

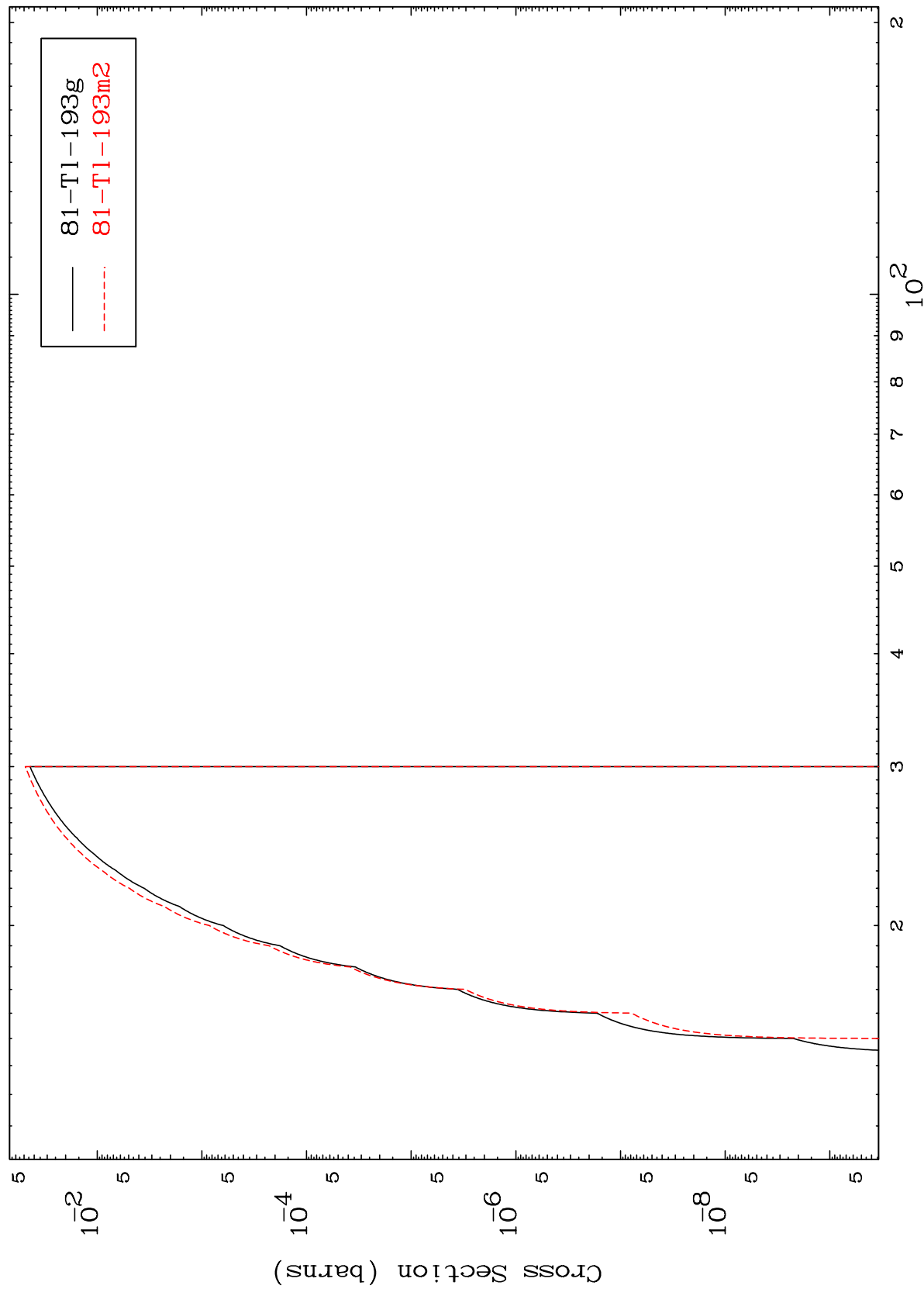


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(n,2n) p

82-Pb-195

Radionuclide Production Cross Section



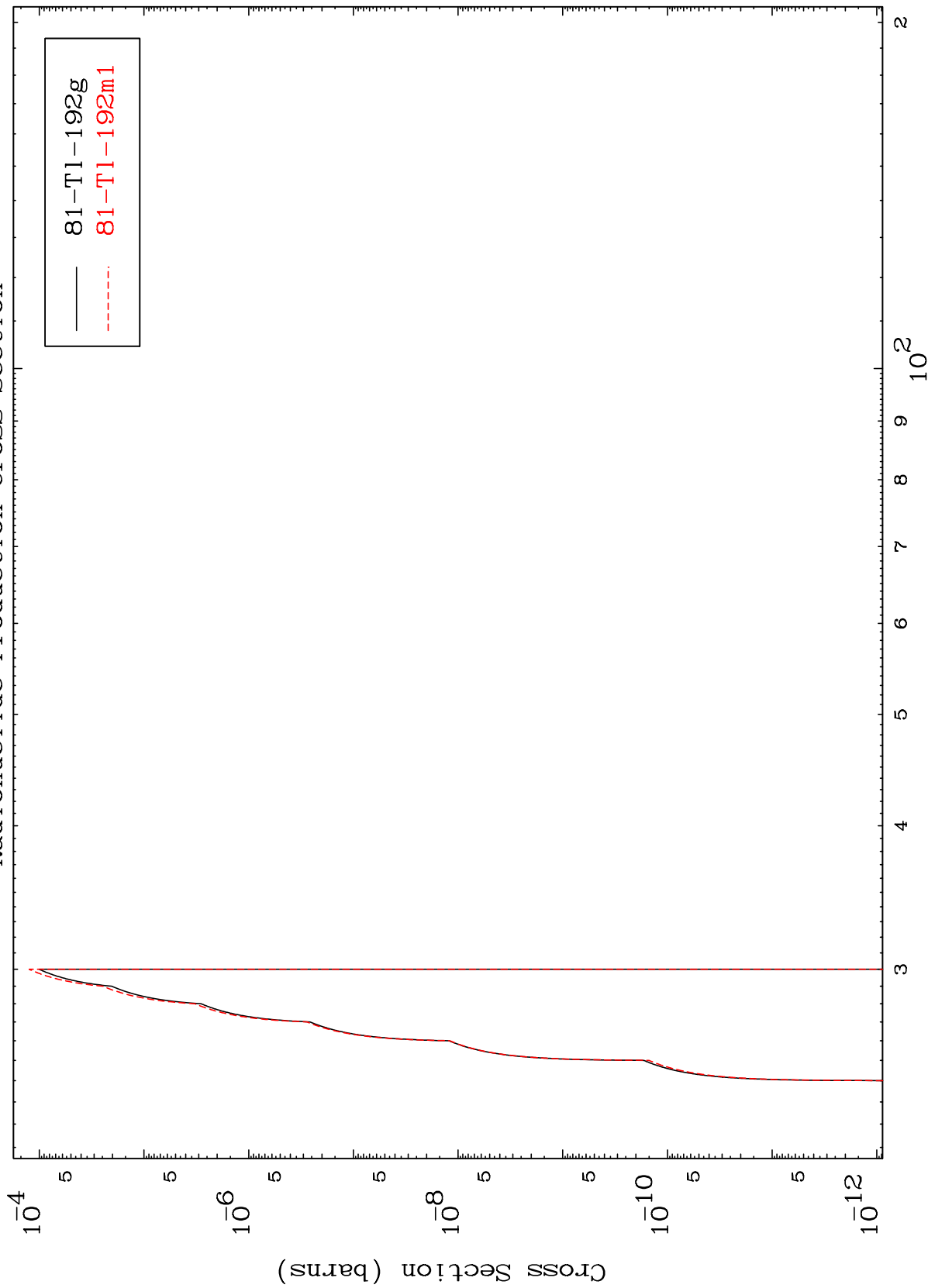
81-Tl-193g  
81-Tl-193m2

27

Incident Energy (MeV)

82-Pb-195

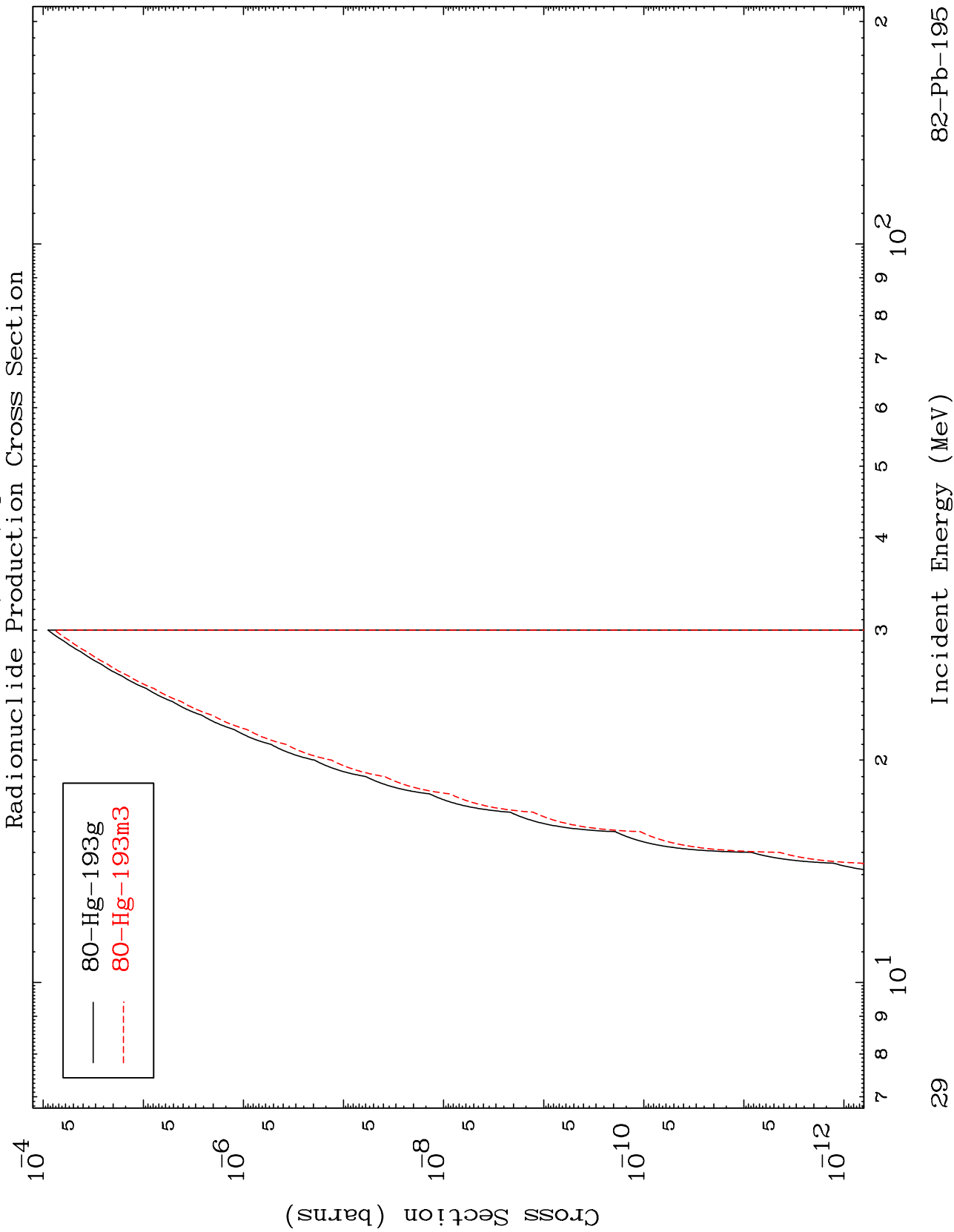
Radionuclide Production Cross Section



MAT 8199

(n,2n) p

82-Pb-195



29

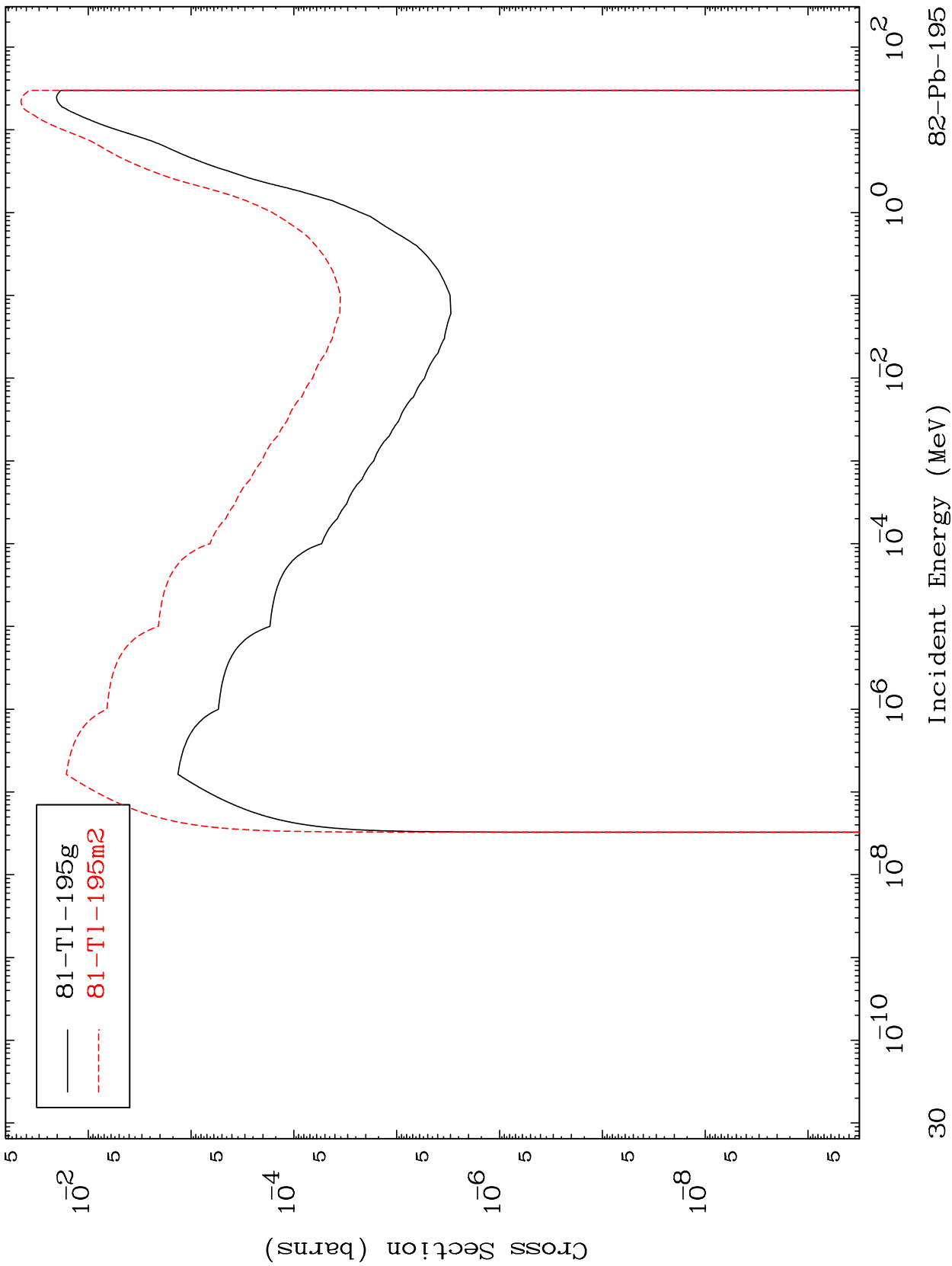
Incident Energy (MeV)

82-Pb-195

MAT 8199

82-Pb-195

(n,p)  
Radionuclide Production Cross Section



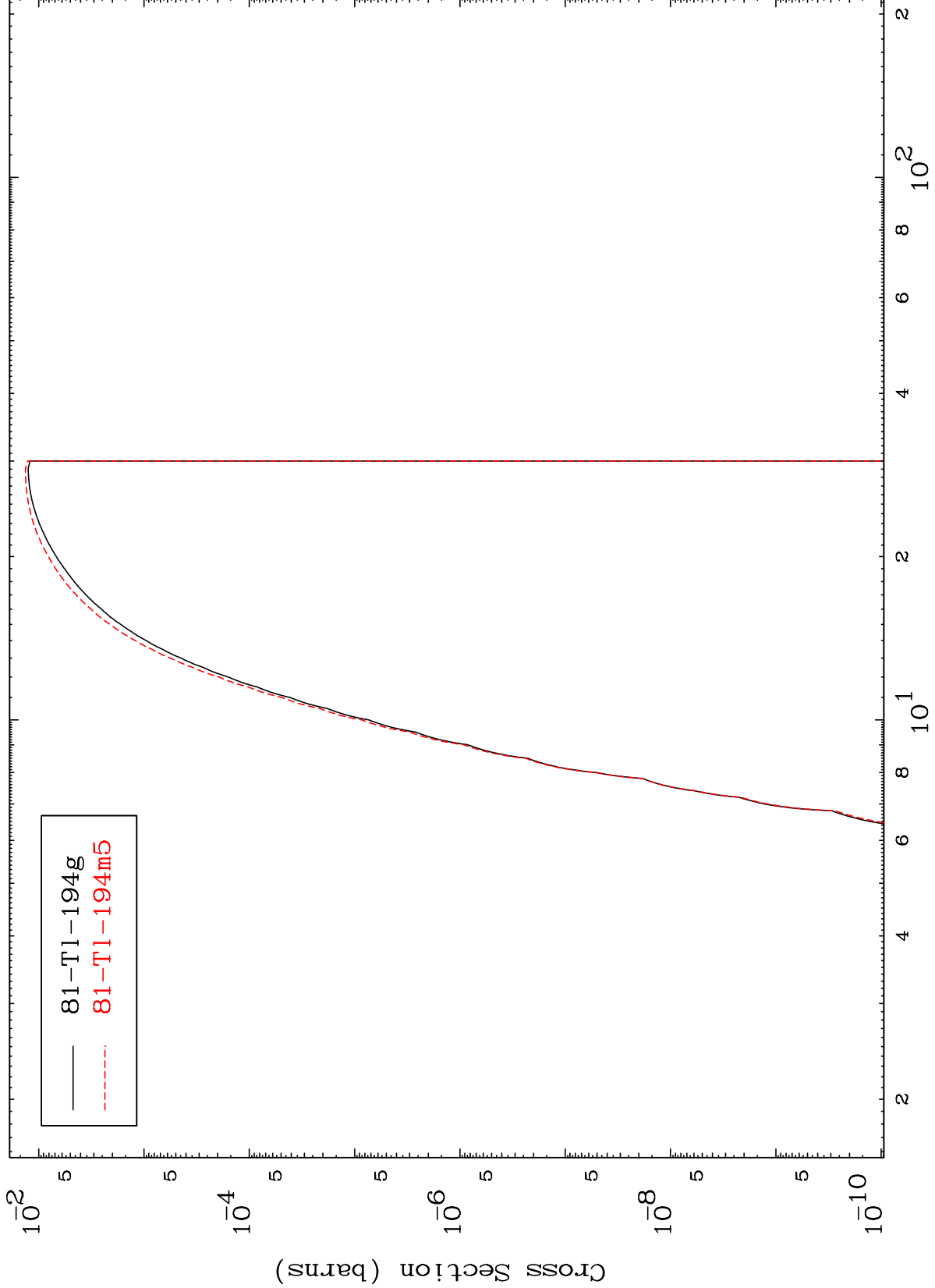
30

82-Pb-195

MAT 8199

82-Pb-195

(n,d)  
Radionuclide Production Cross Section



31

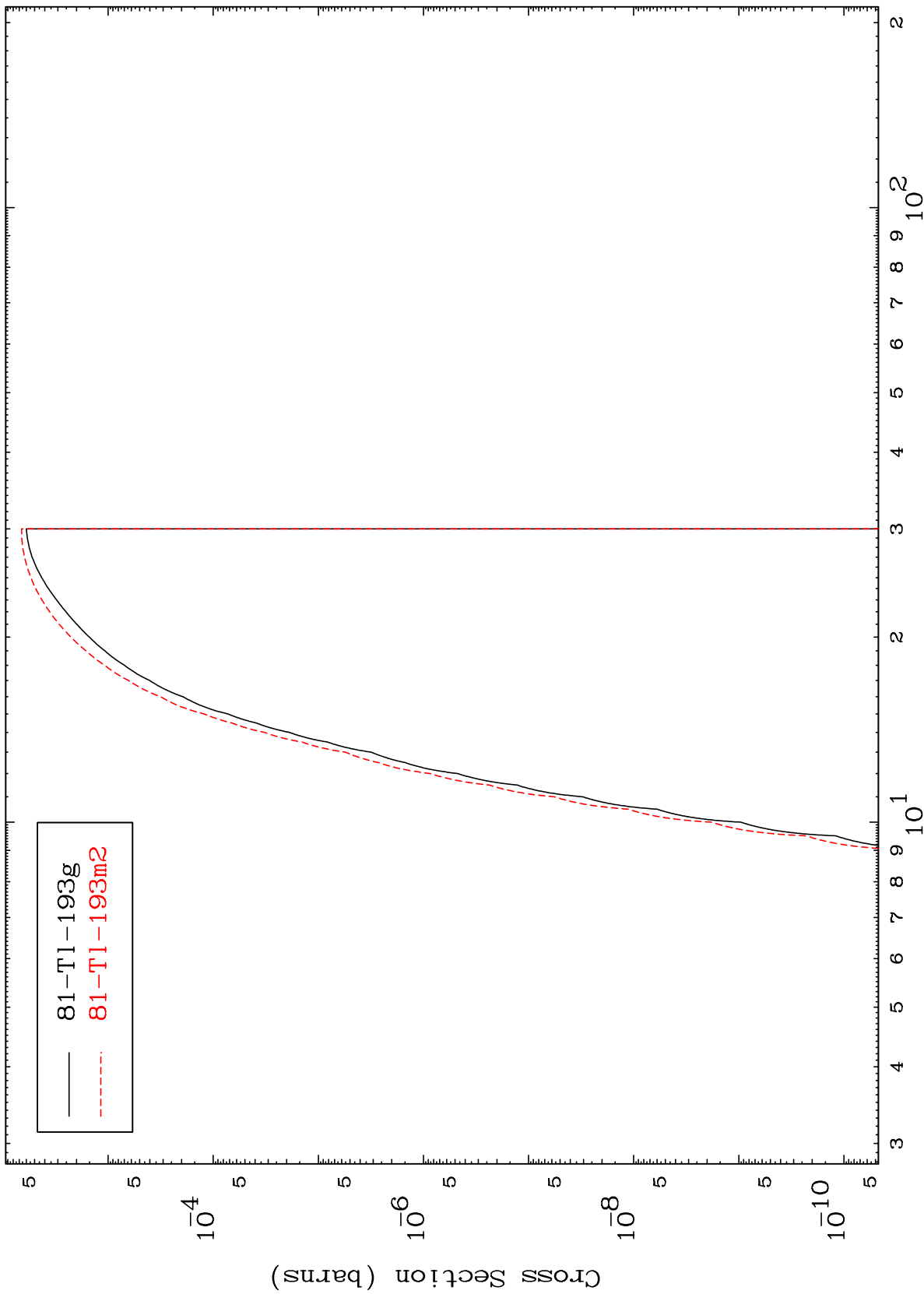
82-Pb-195

Incident Energy (MeV)

MAT 8199

82-Pb-195

(n, t)  
Radionuclide Production Cross Section



82-Pb-195

Incident Energy (MeV)

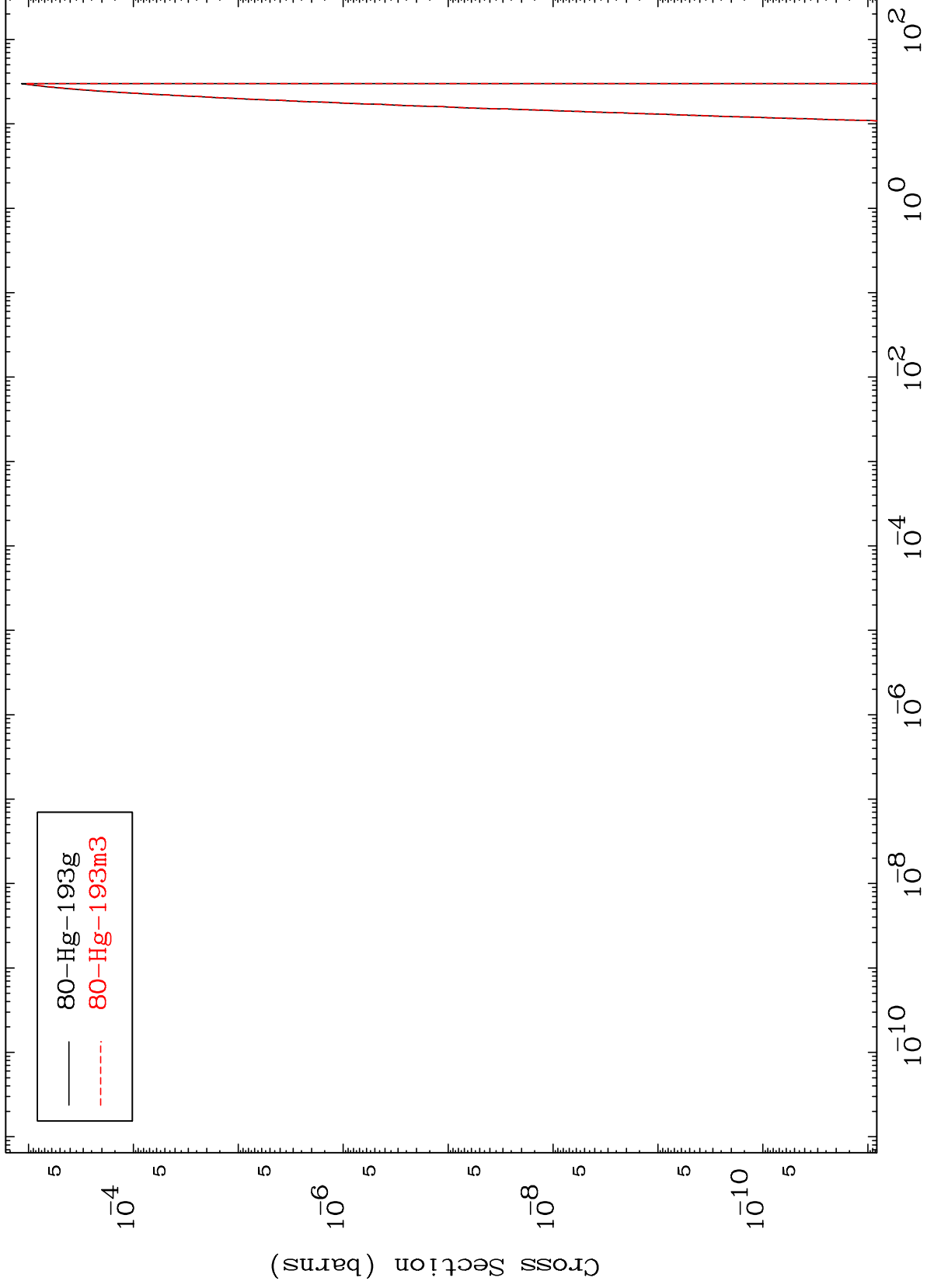
32

MAT 8199

(n,He-3)

82-Pb-195

Radionuclide Production Cross Section

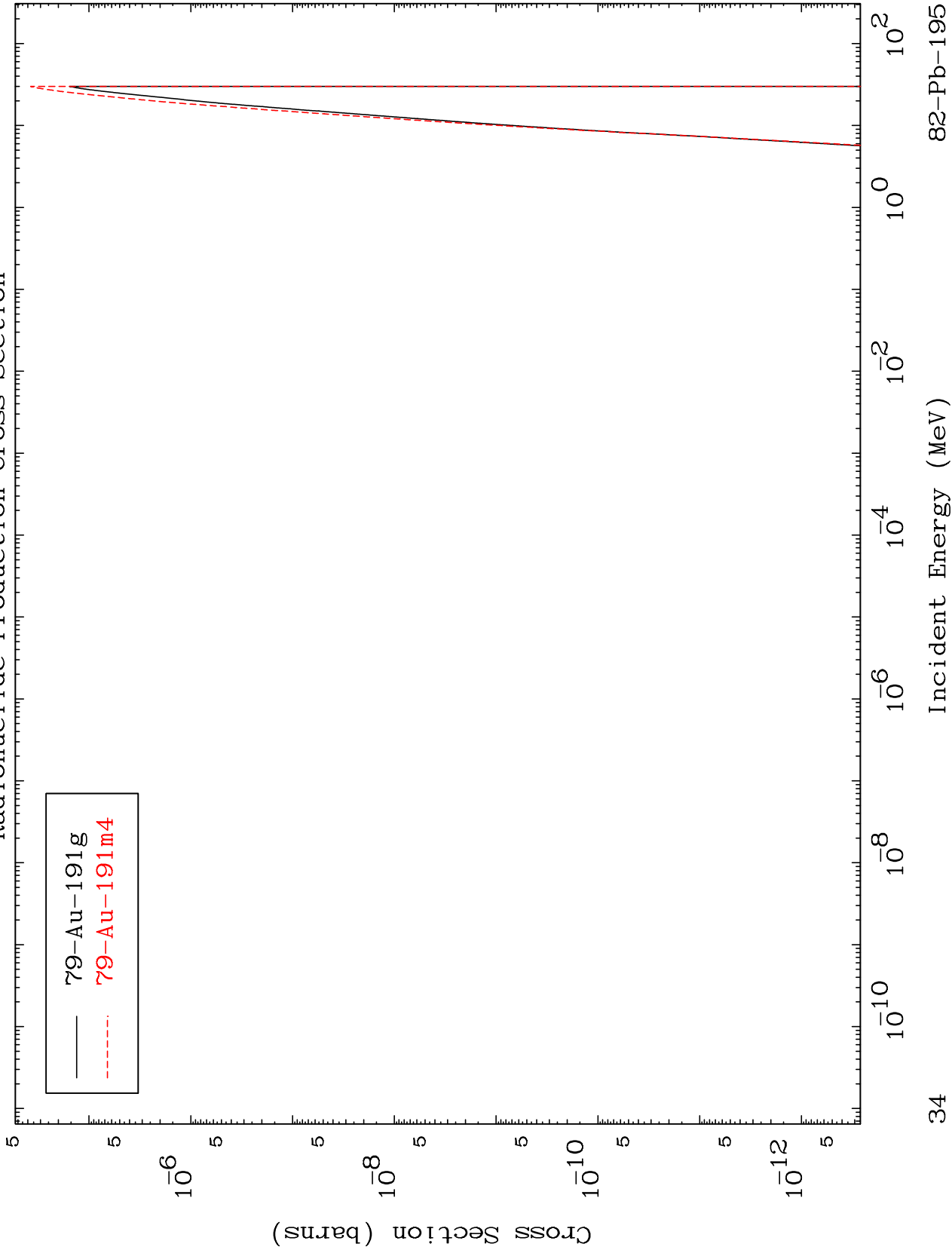


MAT 8199

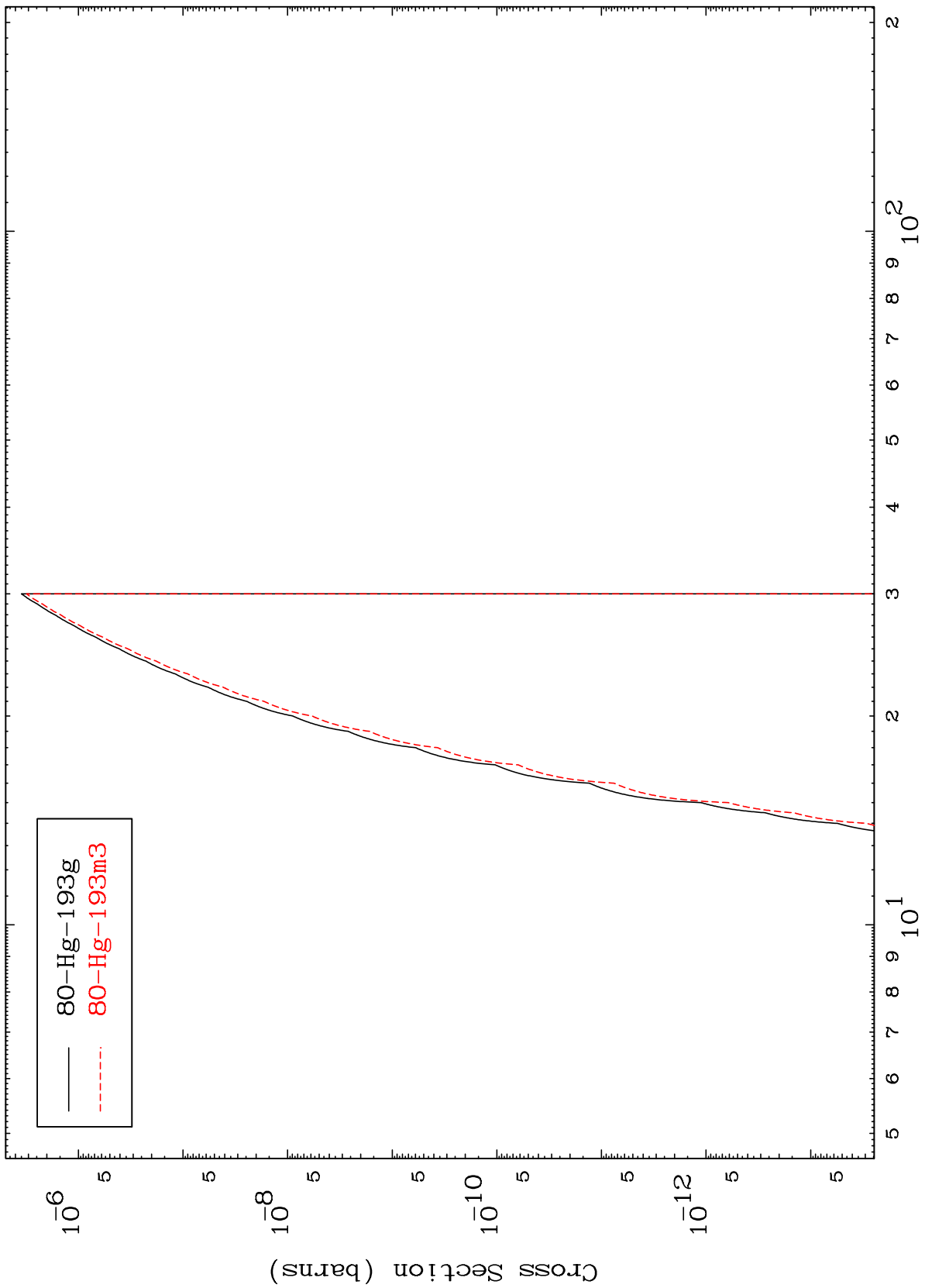
(n,p)  $\alpha$

82-Pb-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section



— 80-Hg-193g  
- - - 80-Hg-193m3