

Program EVALPLOT  
(Version 2021-1)

by

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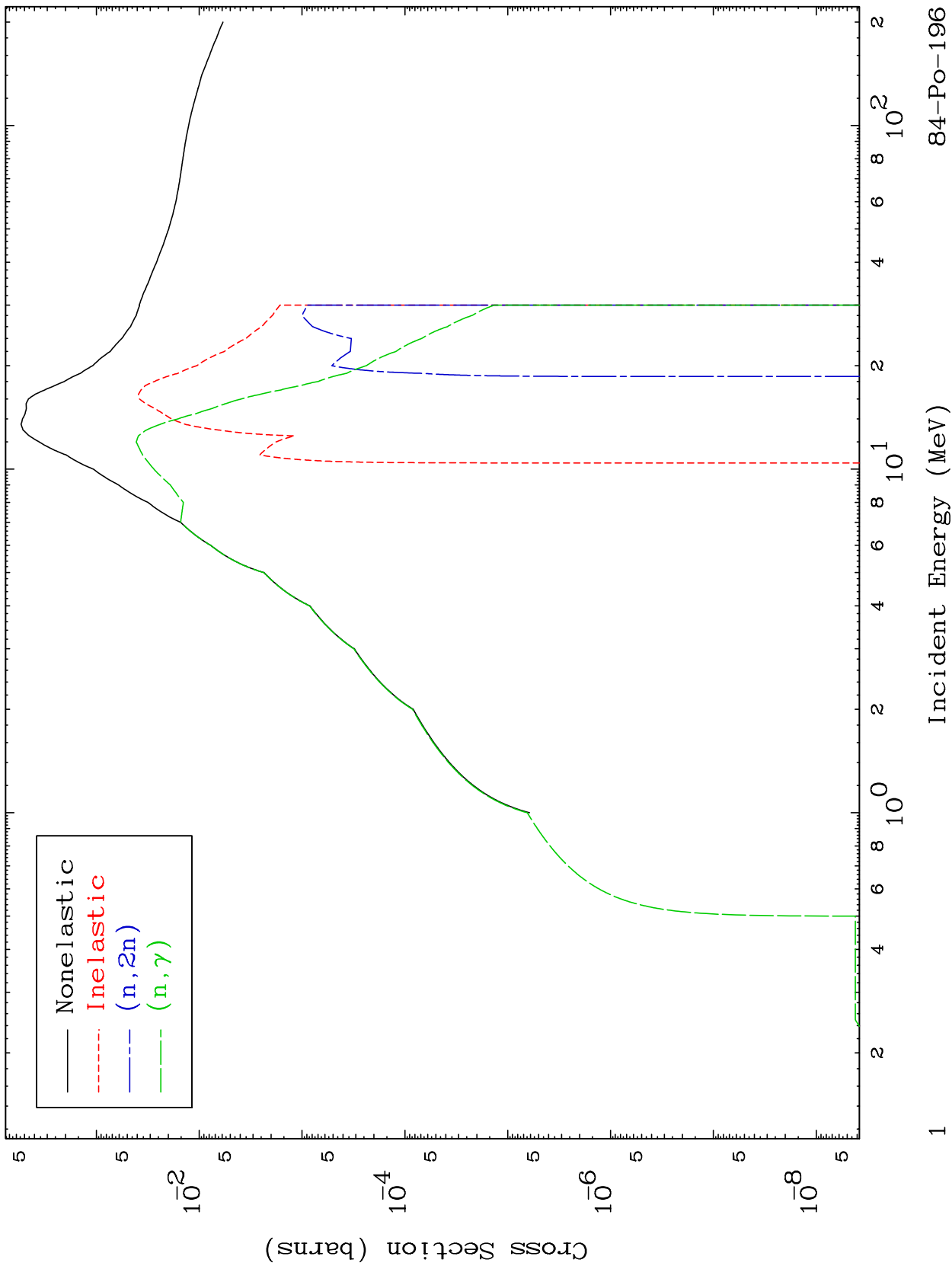
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8395

Photon Major  
0 Kelvin Cross Sections

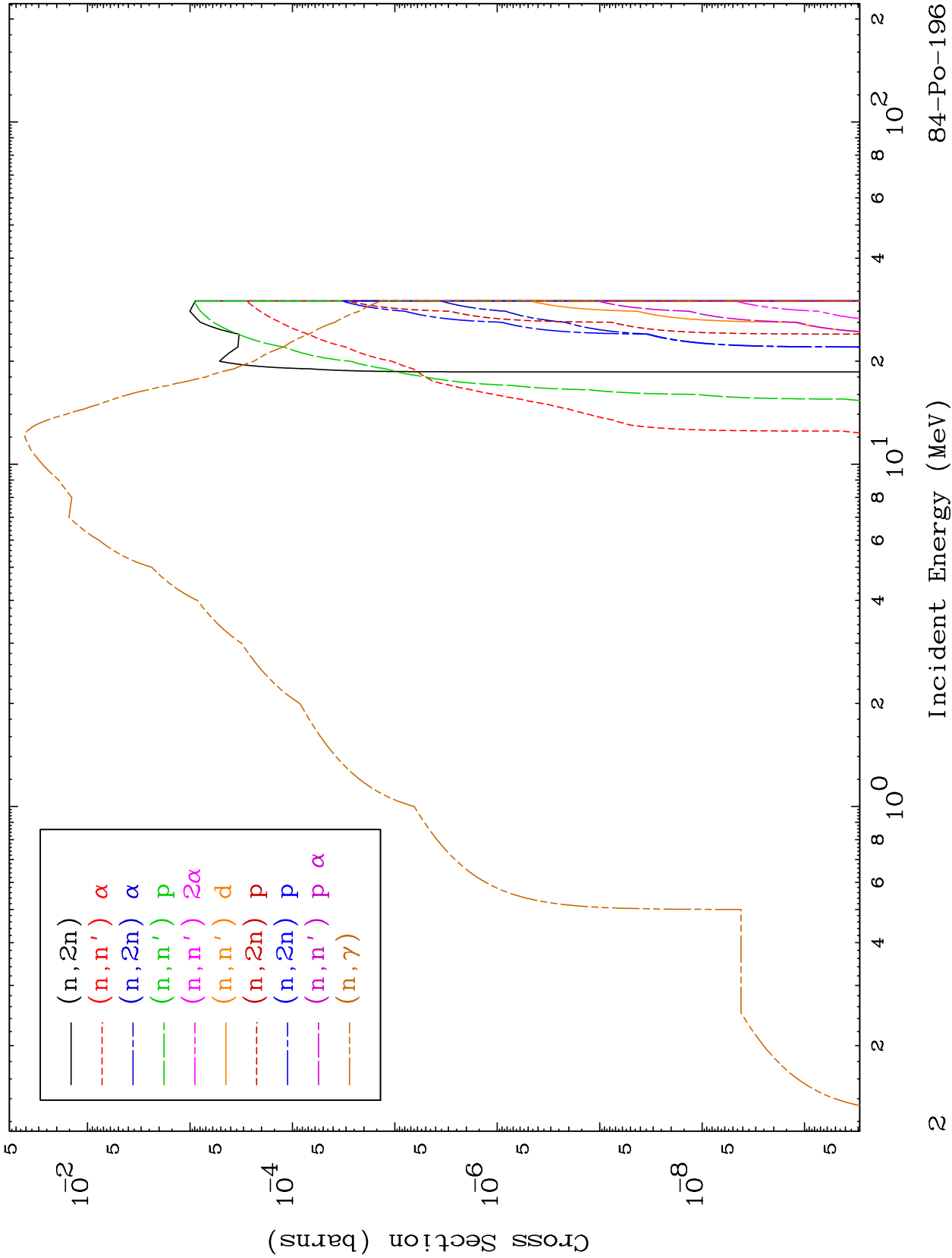
84-Po-196



MAT 8395

Photon Neutron Absorption  
0 Kelvin Cross Sections

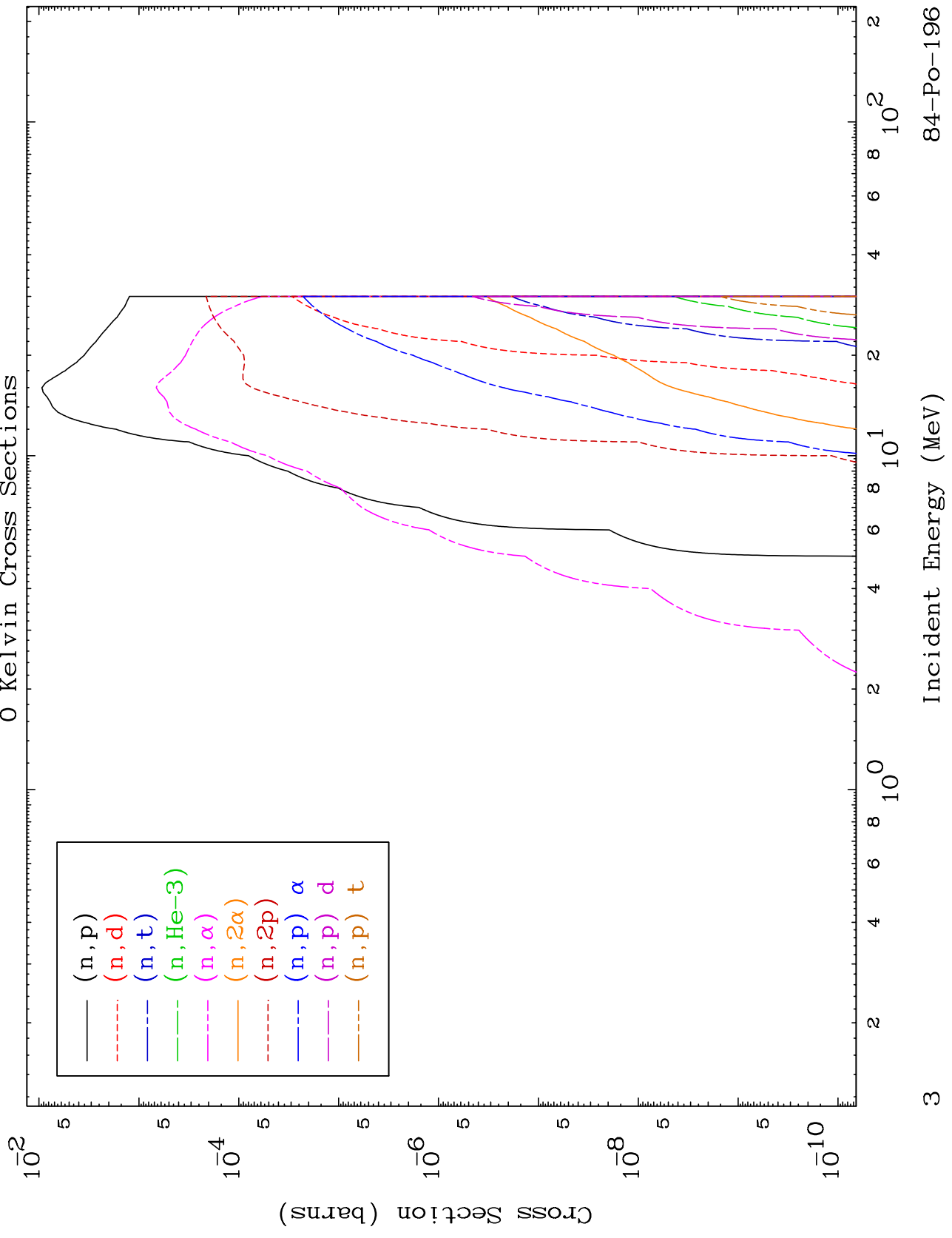
84-Po-196



84-Po-196

Incident Energy (MeV)

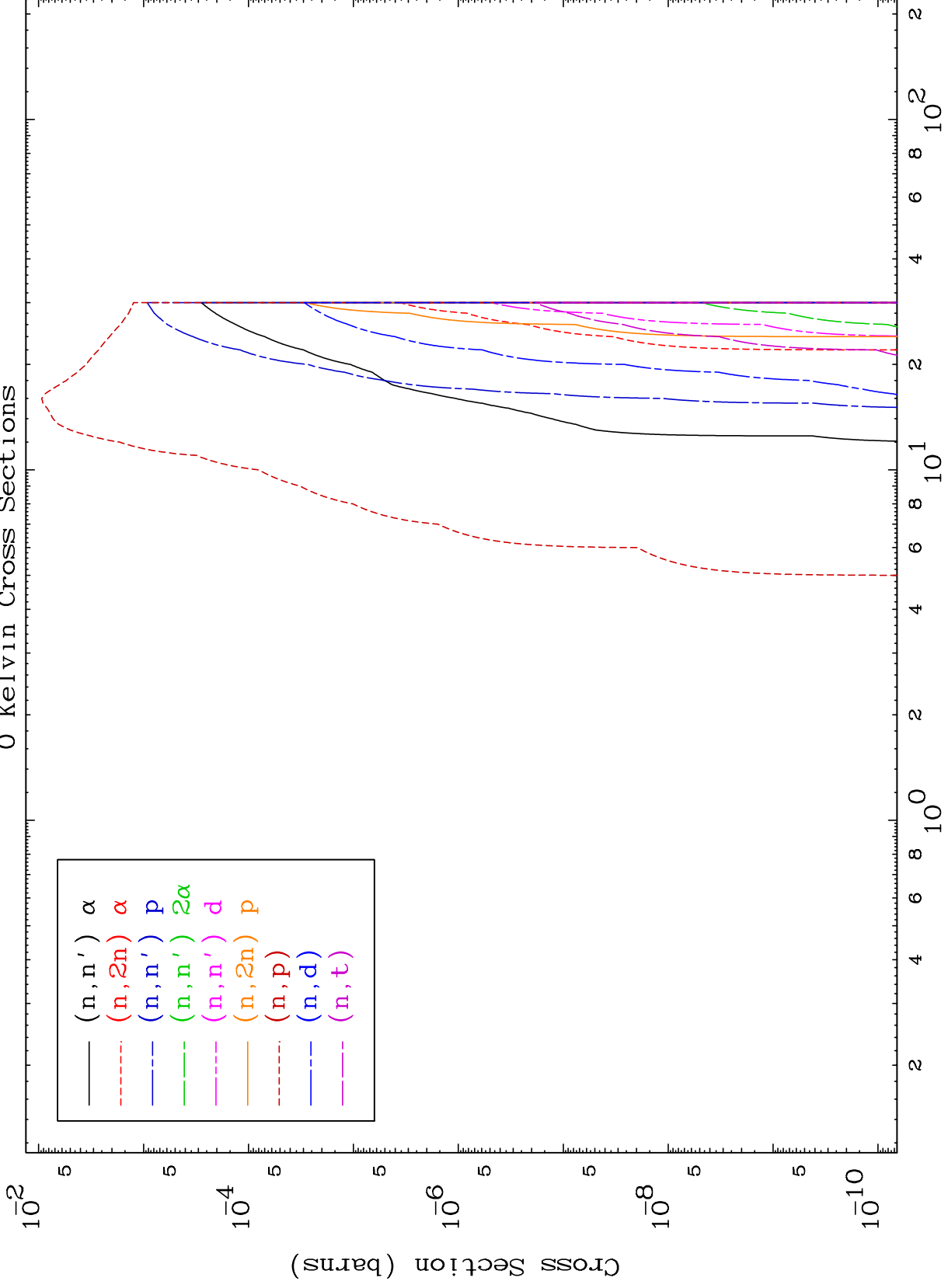
2

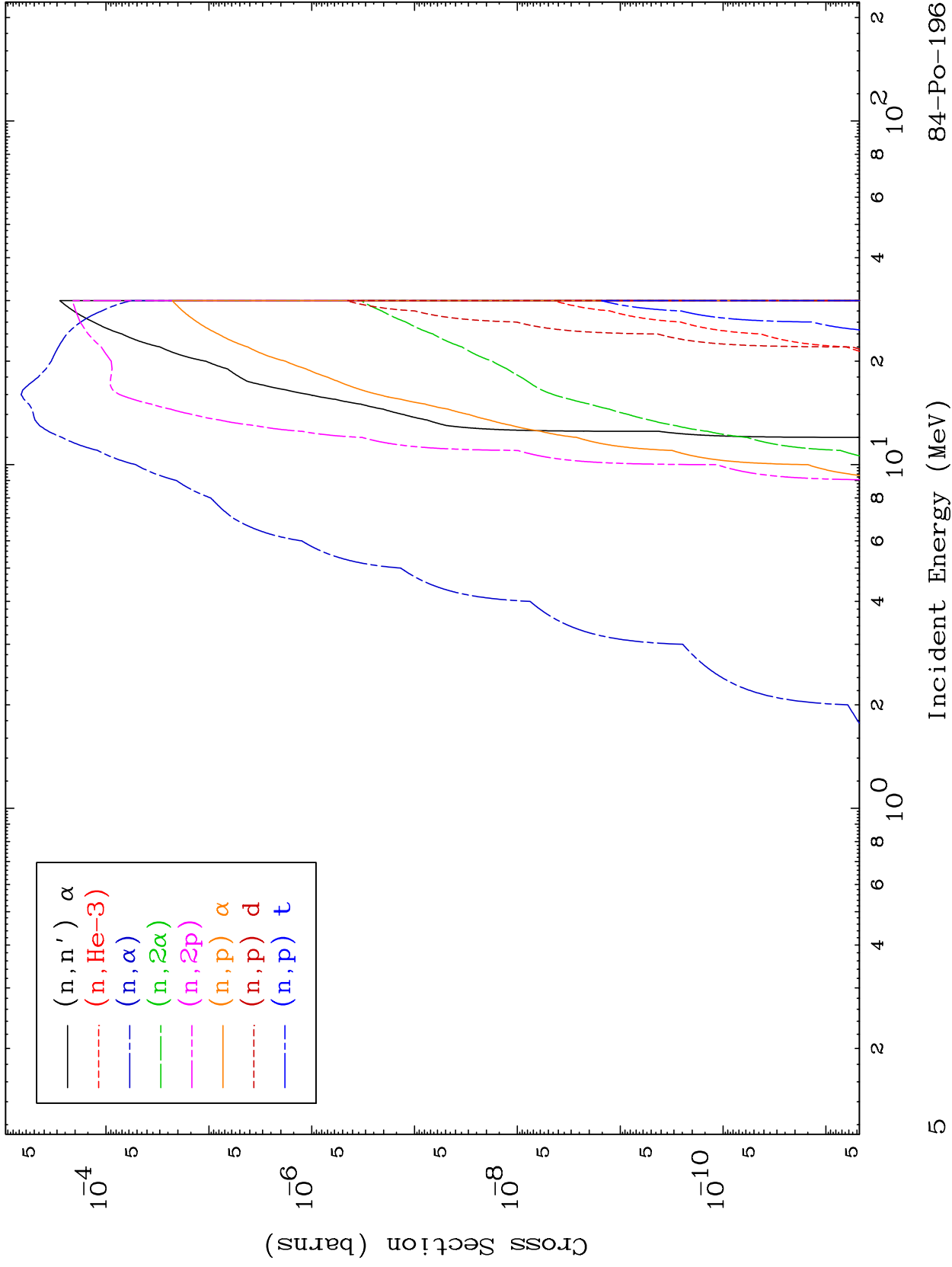


MAT 8395

Photon Charged Particle  
0 Kelvin Cross Sections

84-Po-196

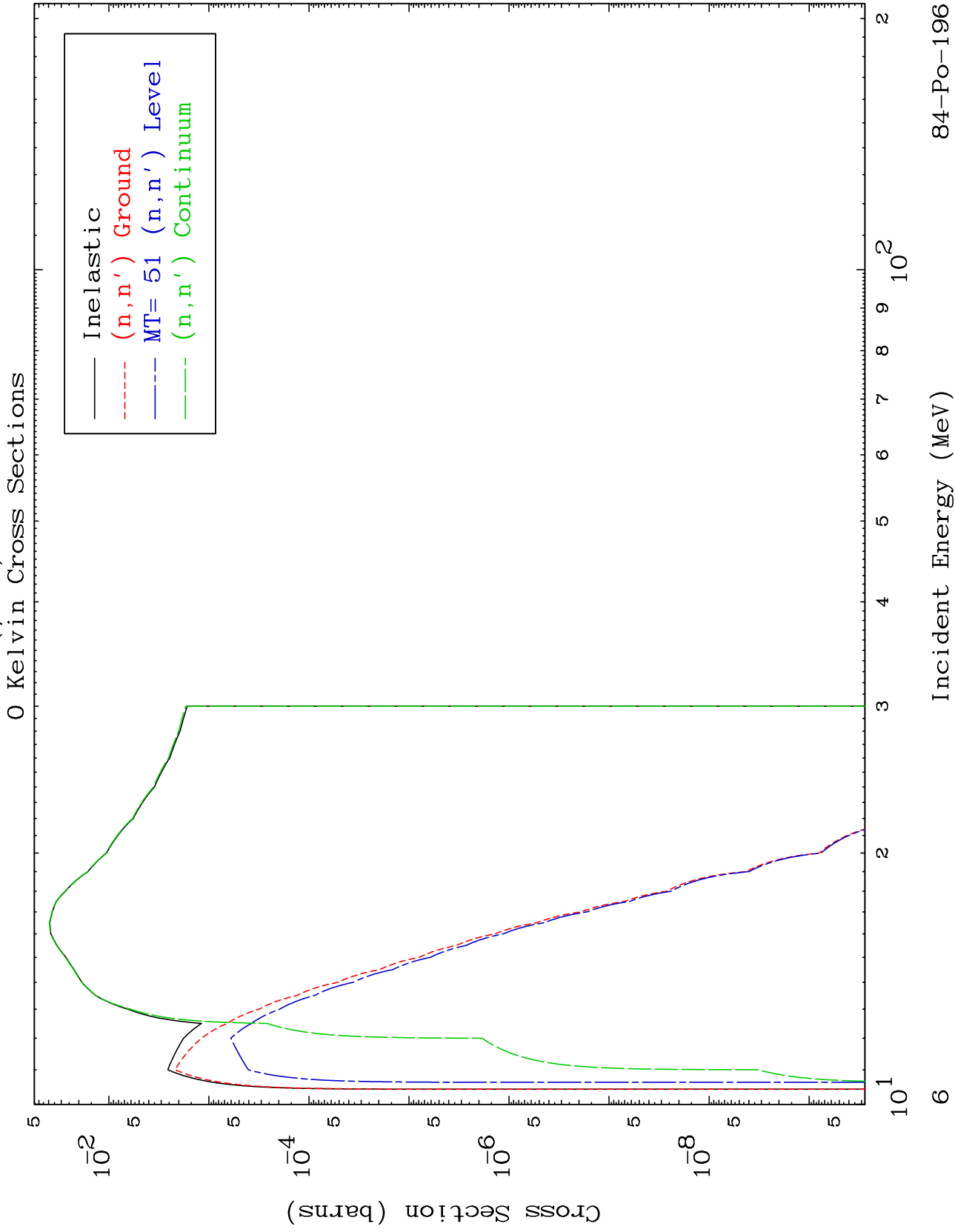




MAT 8395

( $\gamma, n'$ ) Levels

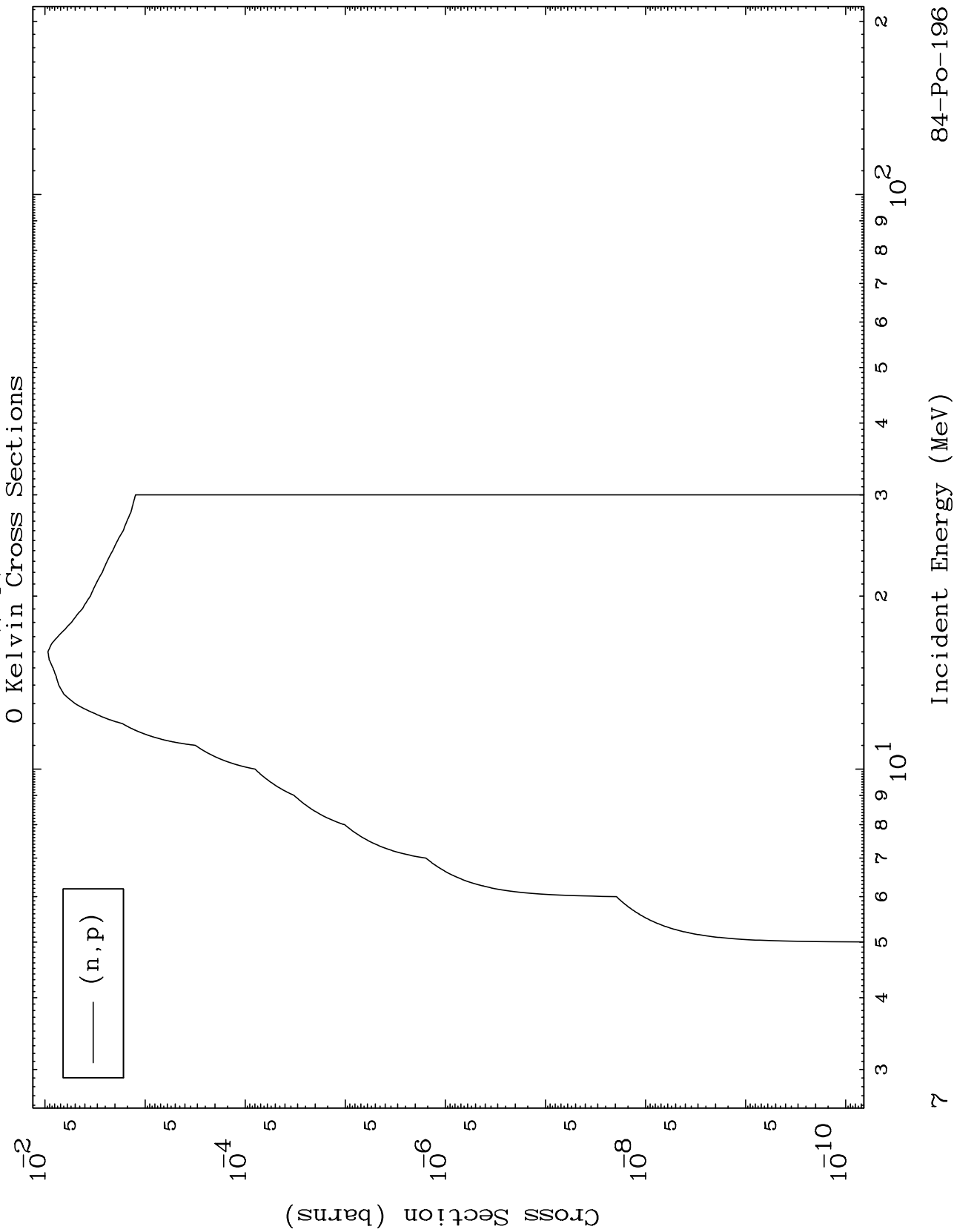
84-Po-196

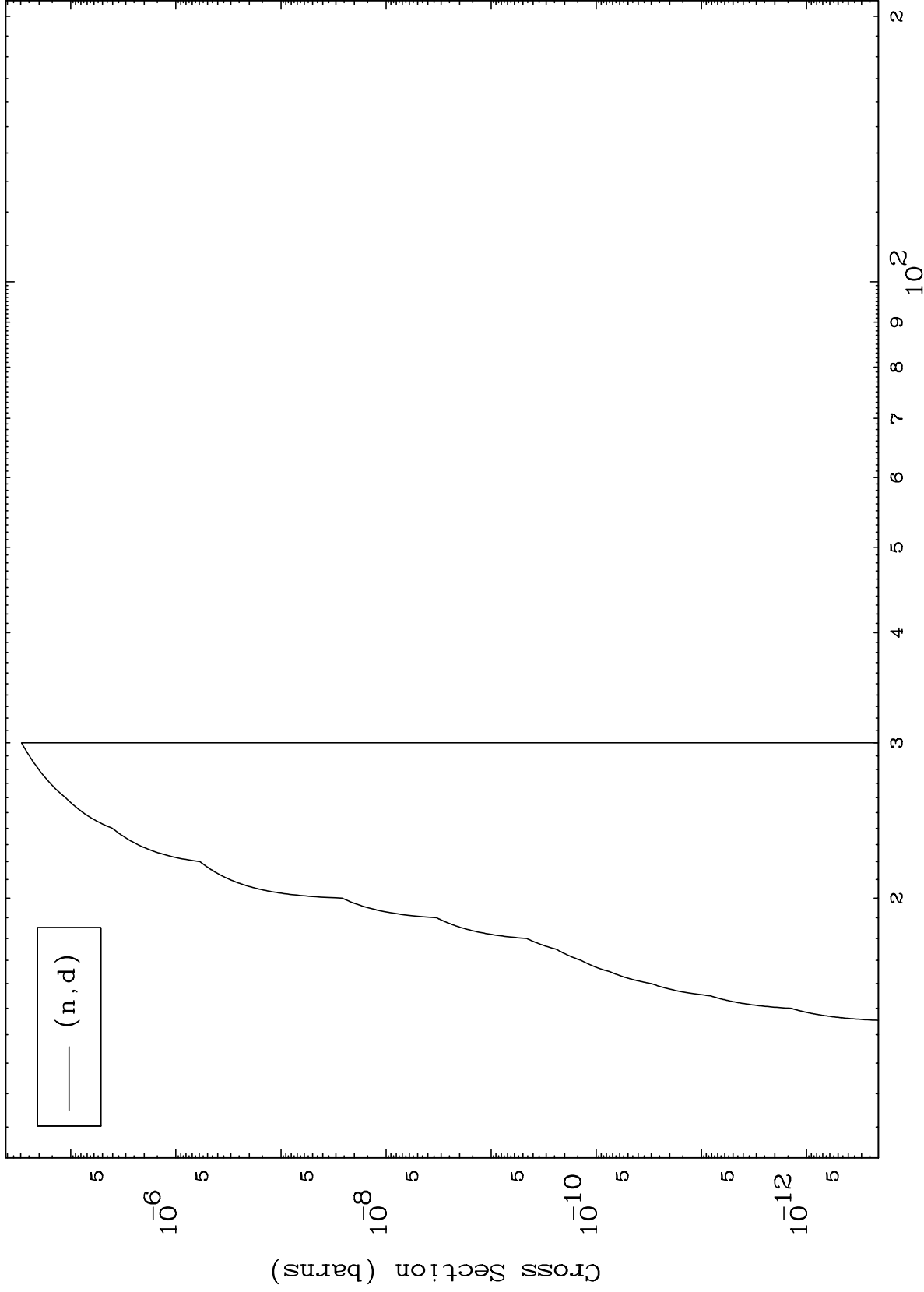


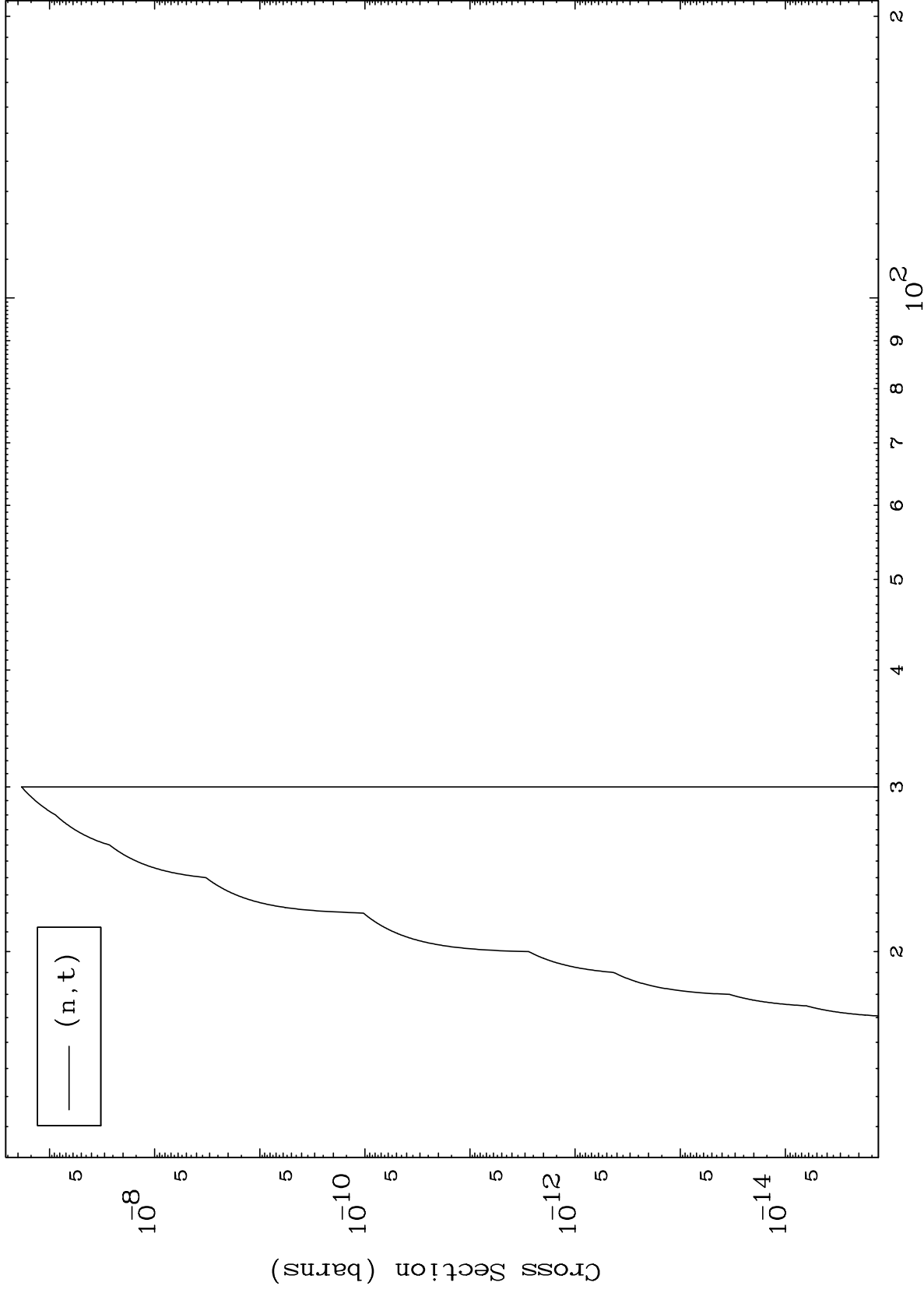
MAT 8395

( $\gamma, p$ ) Levels

84-Po-196



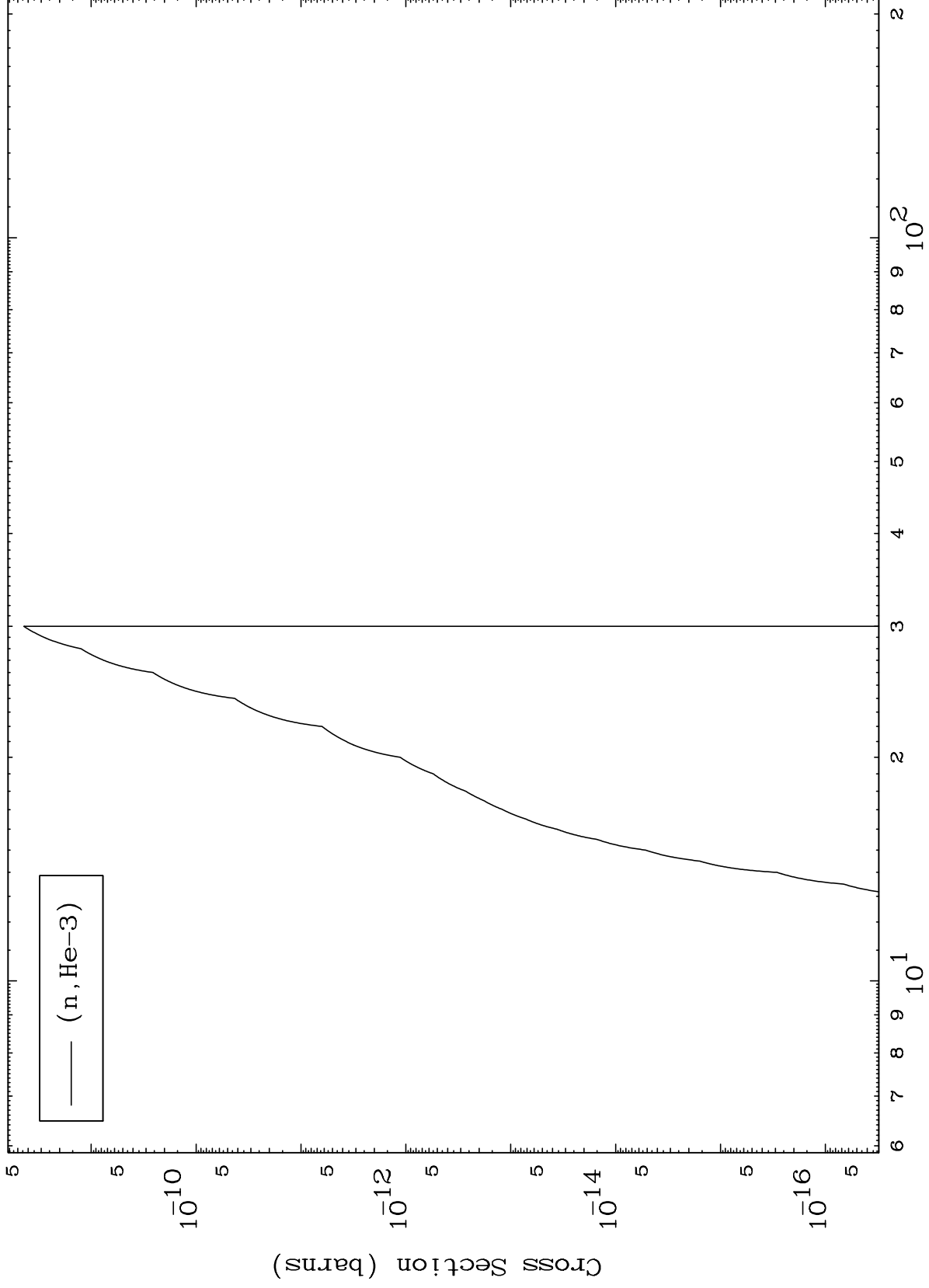




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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

84-Po-196



10

Incident Energy (MeV)

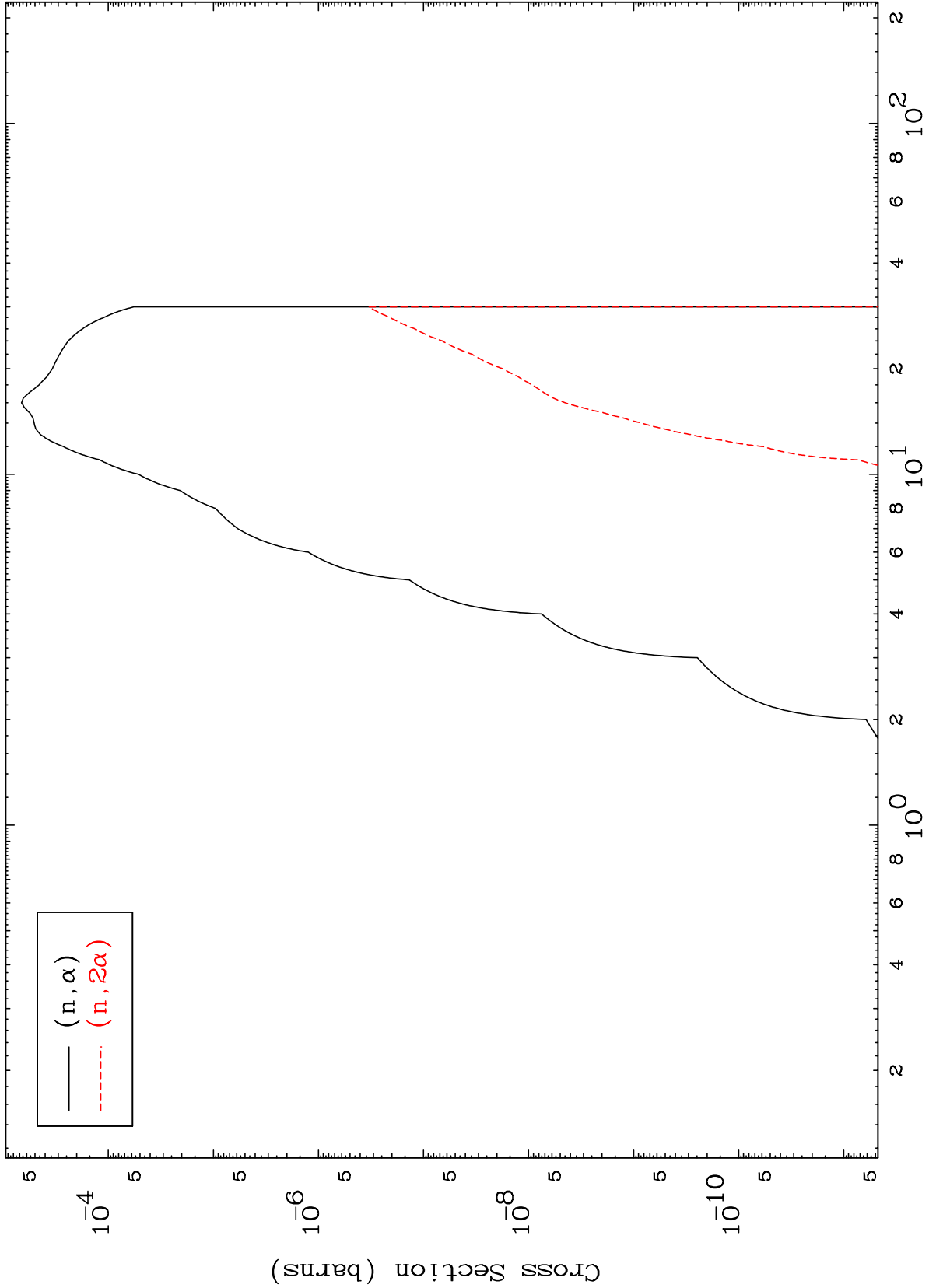
84-Po-196

MAT 8395

( $\gamma, \alpha$ ) Levels

84-Po-196

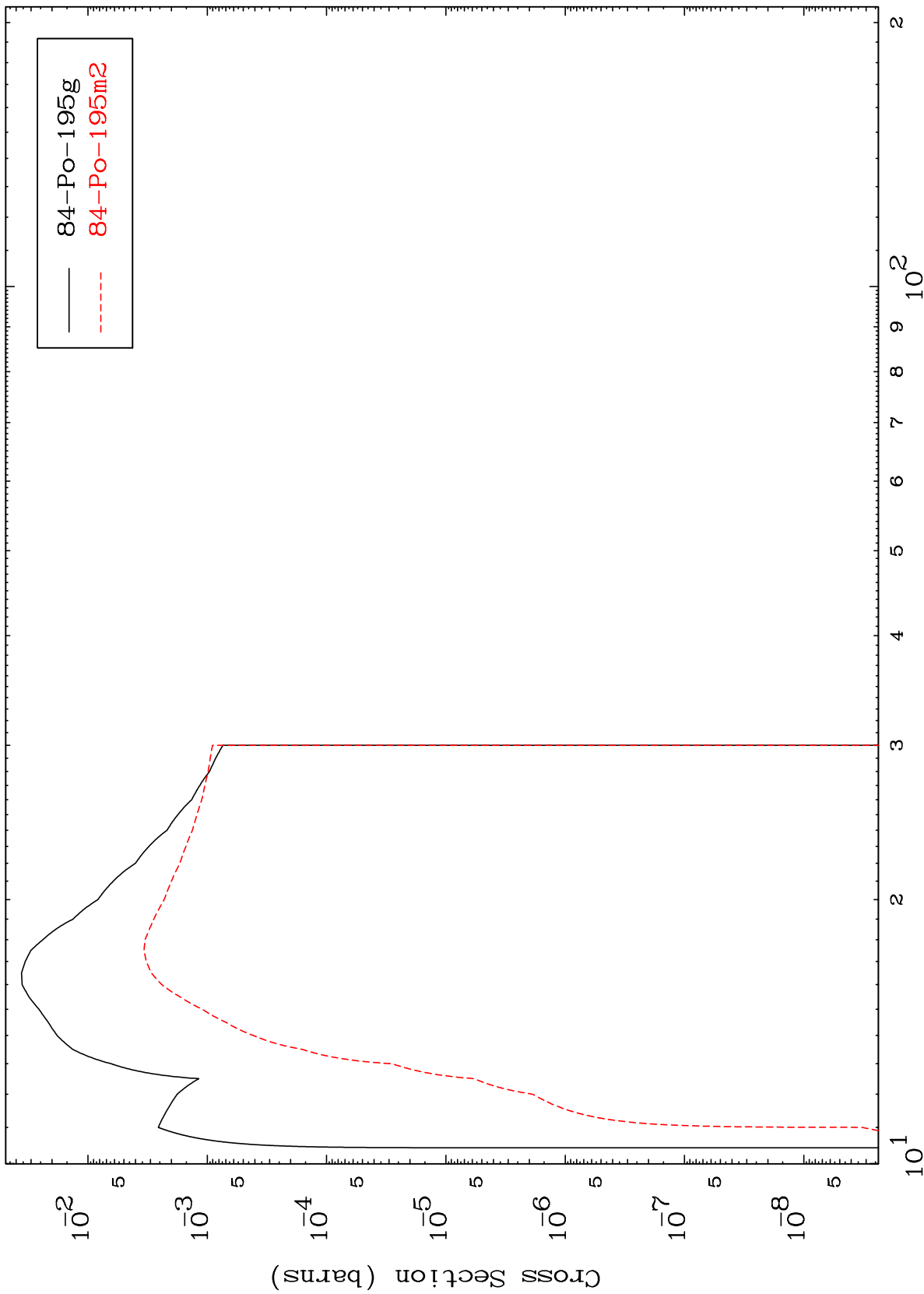
0 Kelvin Cross Sections



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84-Po-196

Inelastic  
Radionuclide Production Cross Section



84-Po-196

Incident Energy (MeV)

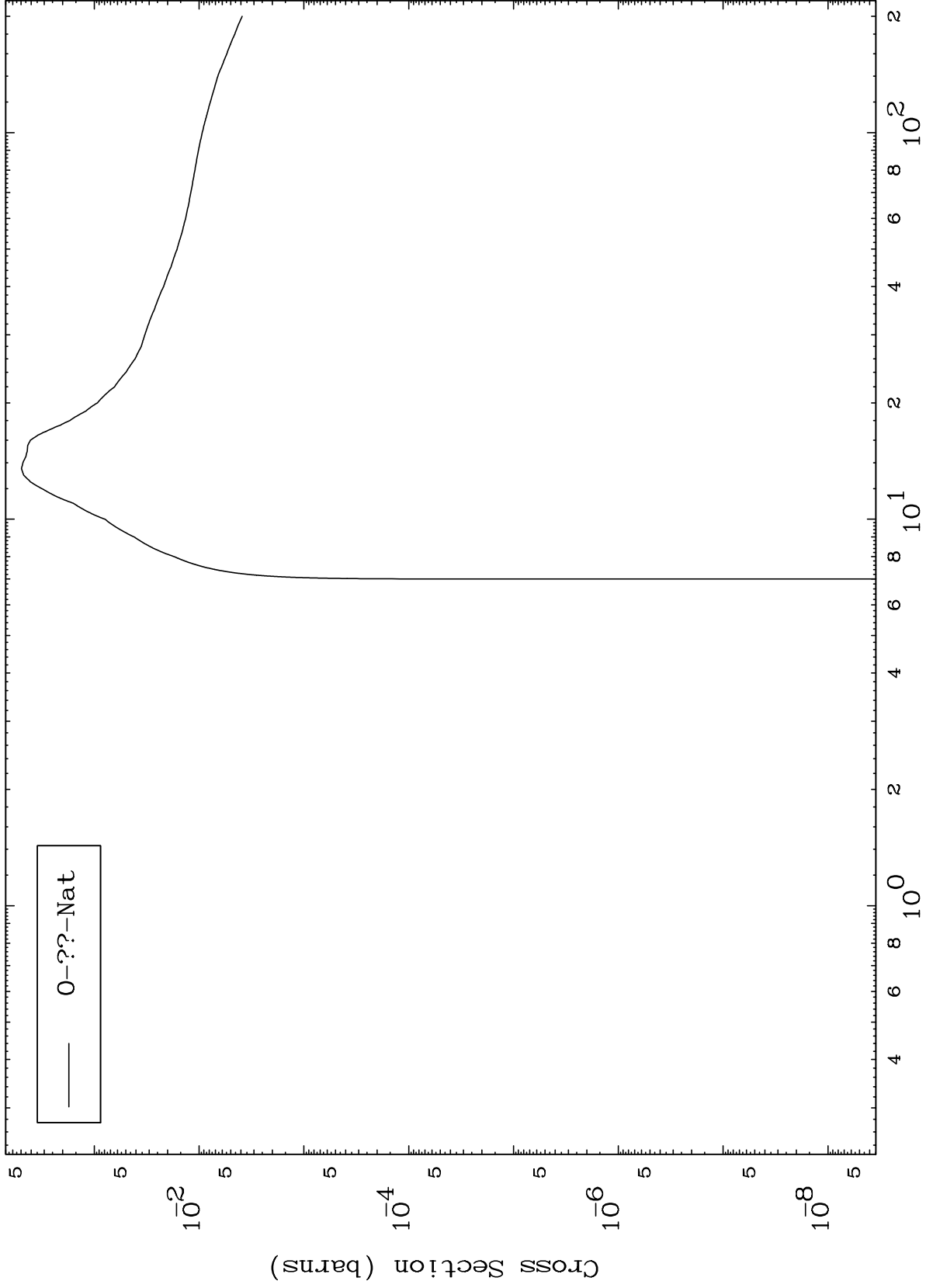
12

MAT 8395

Fission

84-Po-196

Radionuclide Production Cross Section

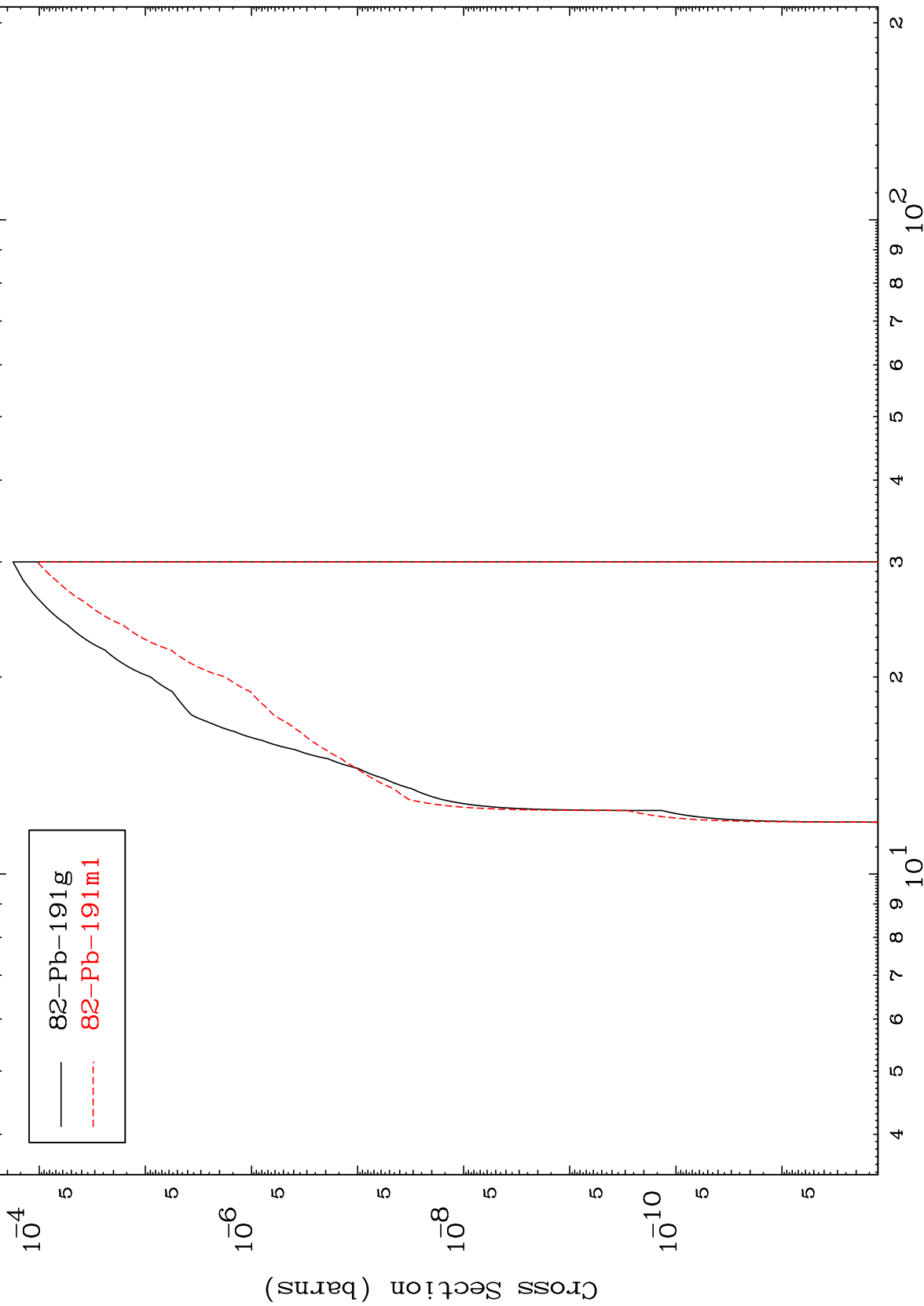


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(n,n')  $\alpha$

84-Po-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

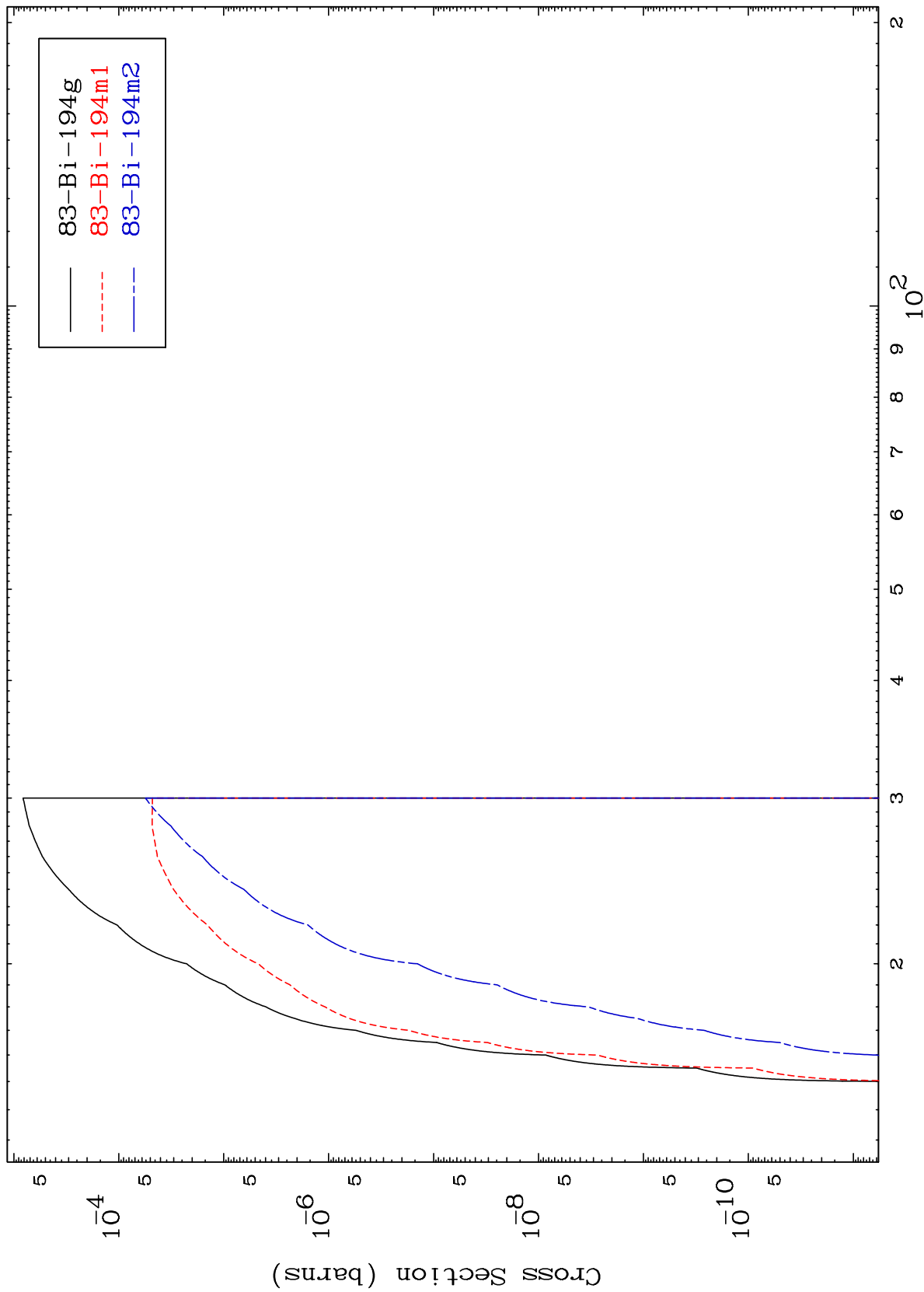
84-Po-196

MAT 8395

(n,n') p

84-Po-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

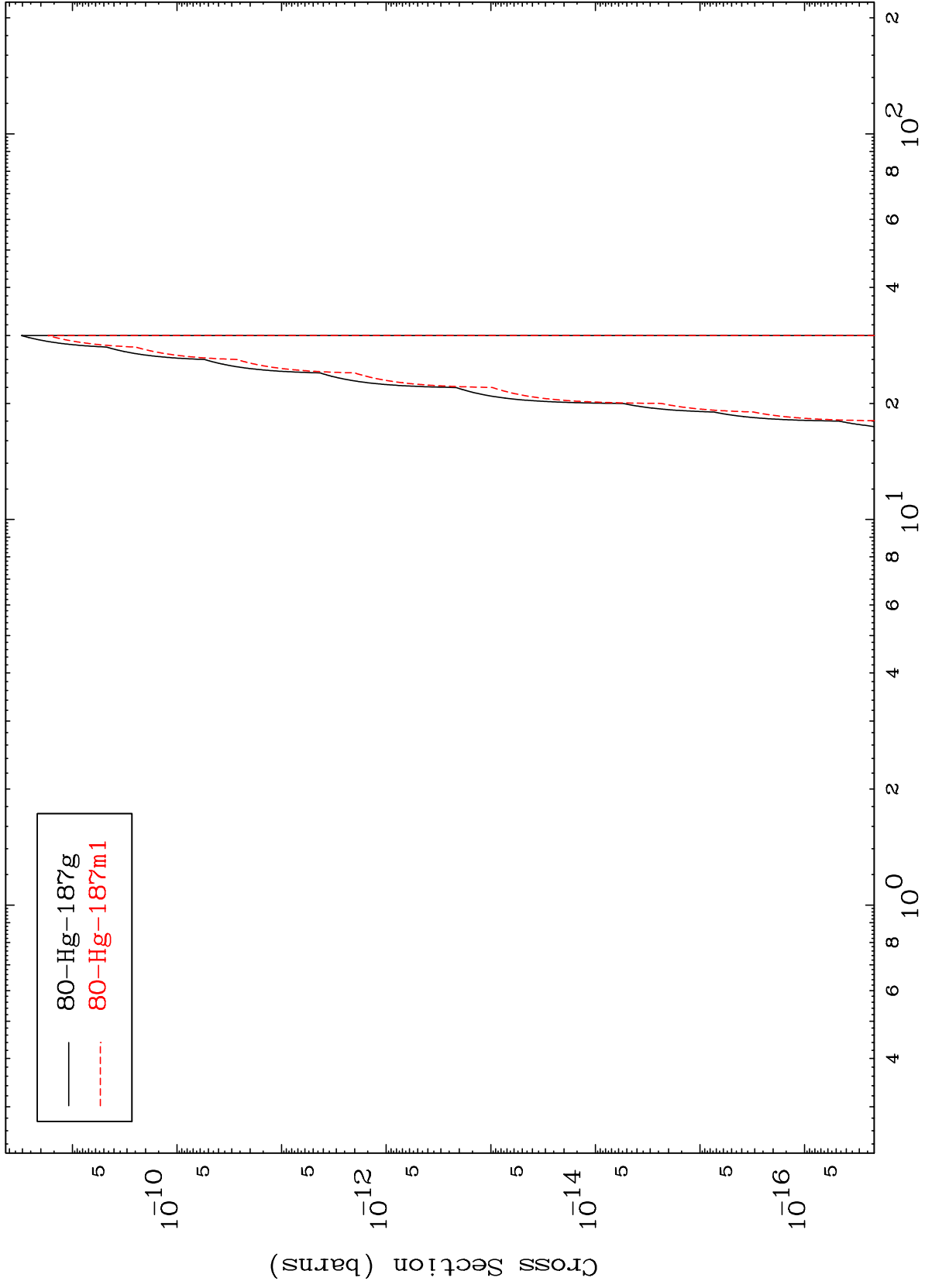
84-Po-196

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(n,n') 2α

84-Po-196

Radionuclide Production Cross Section



80-Hg-187g  
80-Hg-187m1

16

Incident Energy (MeV)

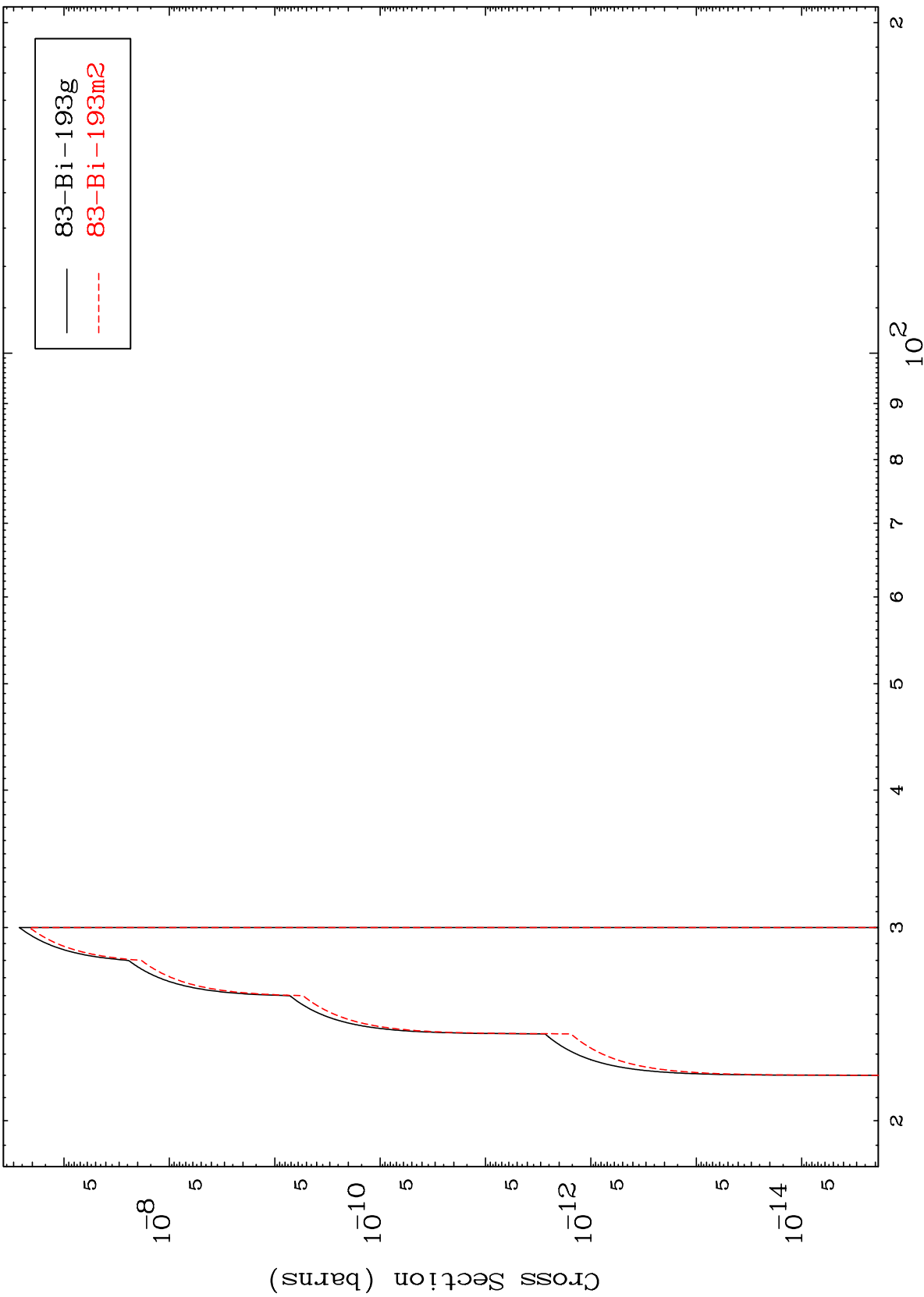
84-Po-196

MAT 8395

(n,n') d

84-Po-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

84-Po-196

MAT 8395

(n,2n) p

84-Po-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

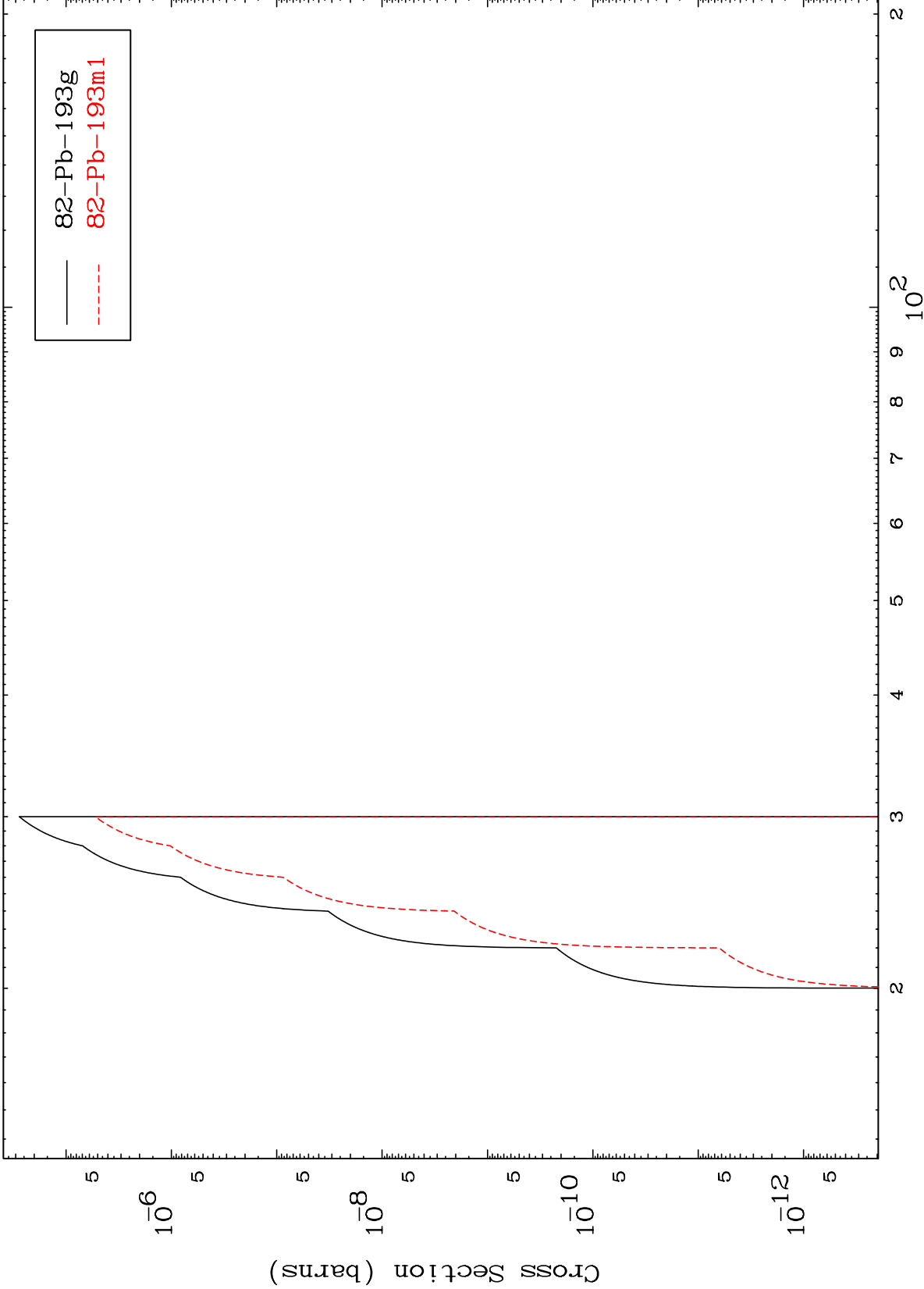
84-Po-196

MAT 8395

(n,2n) p

84-Po-196

Radionuclide Production Cross Section

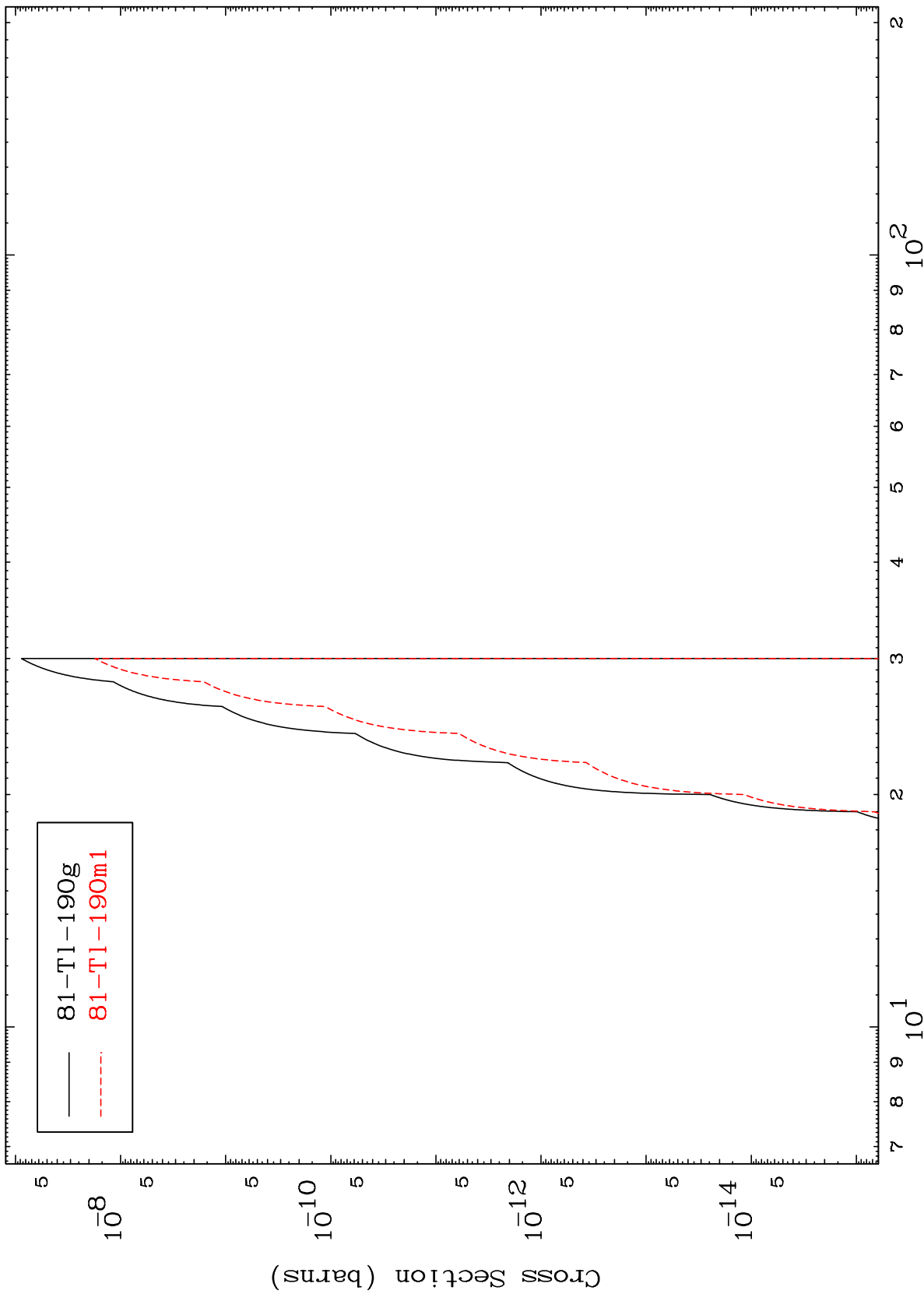


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(n,n') p  $\alpha$

84-Po-196

Radionuclide Production Cross Section



81-Tl-190g  
81-Tl-190m1

20

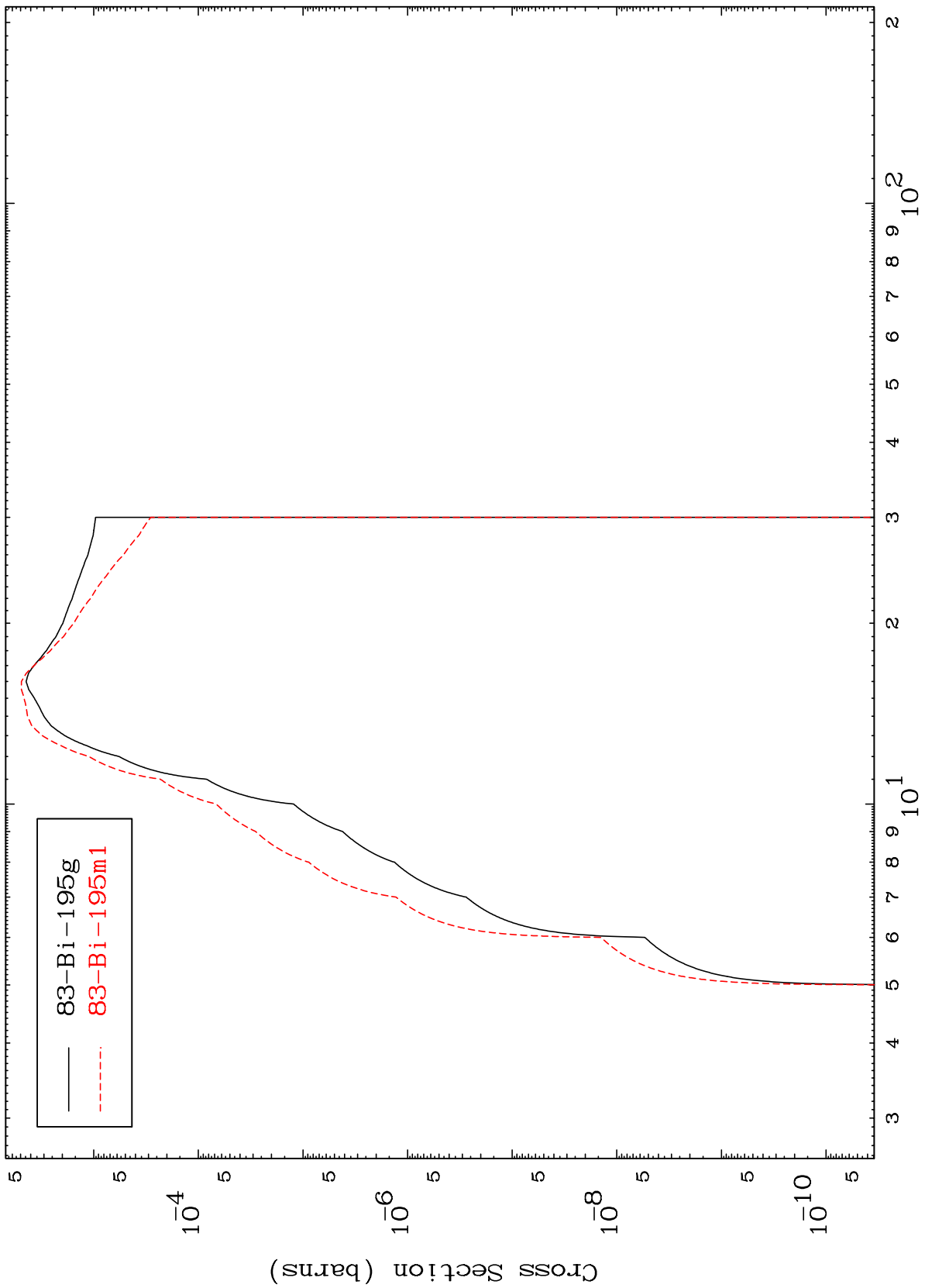
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

(n,p)  
Radionuclide Production Cross Section

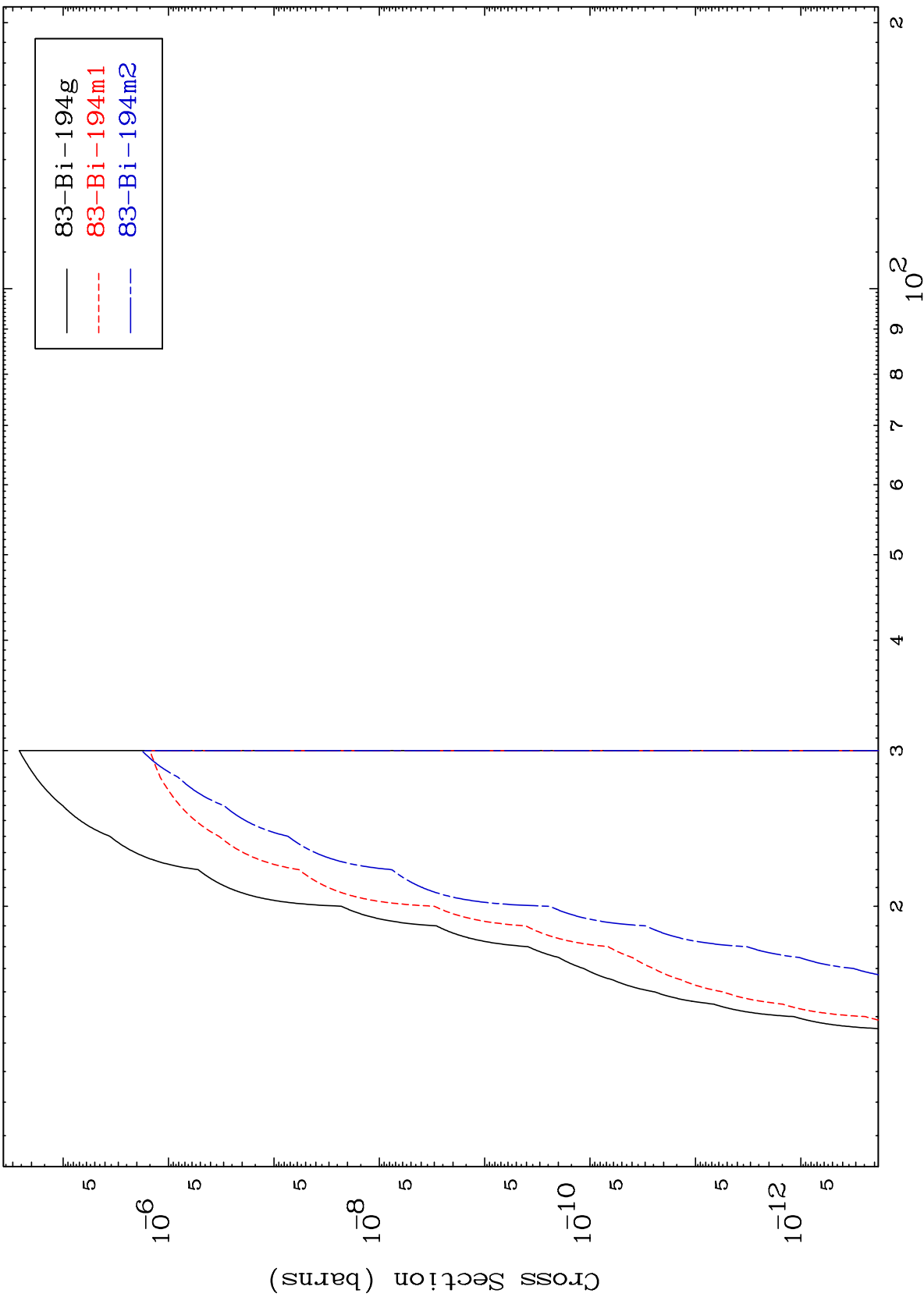


21

Incident Energy (MeV)

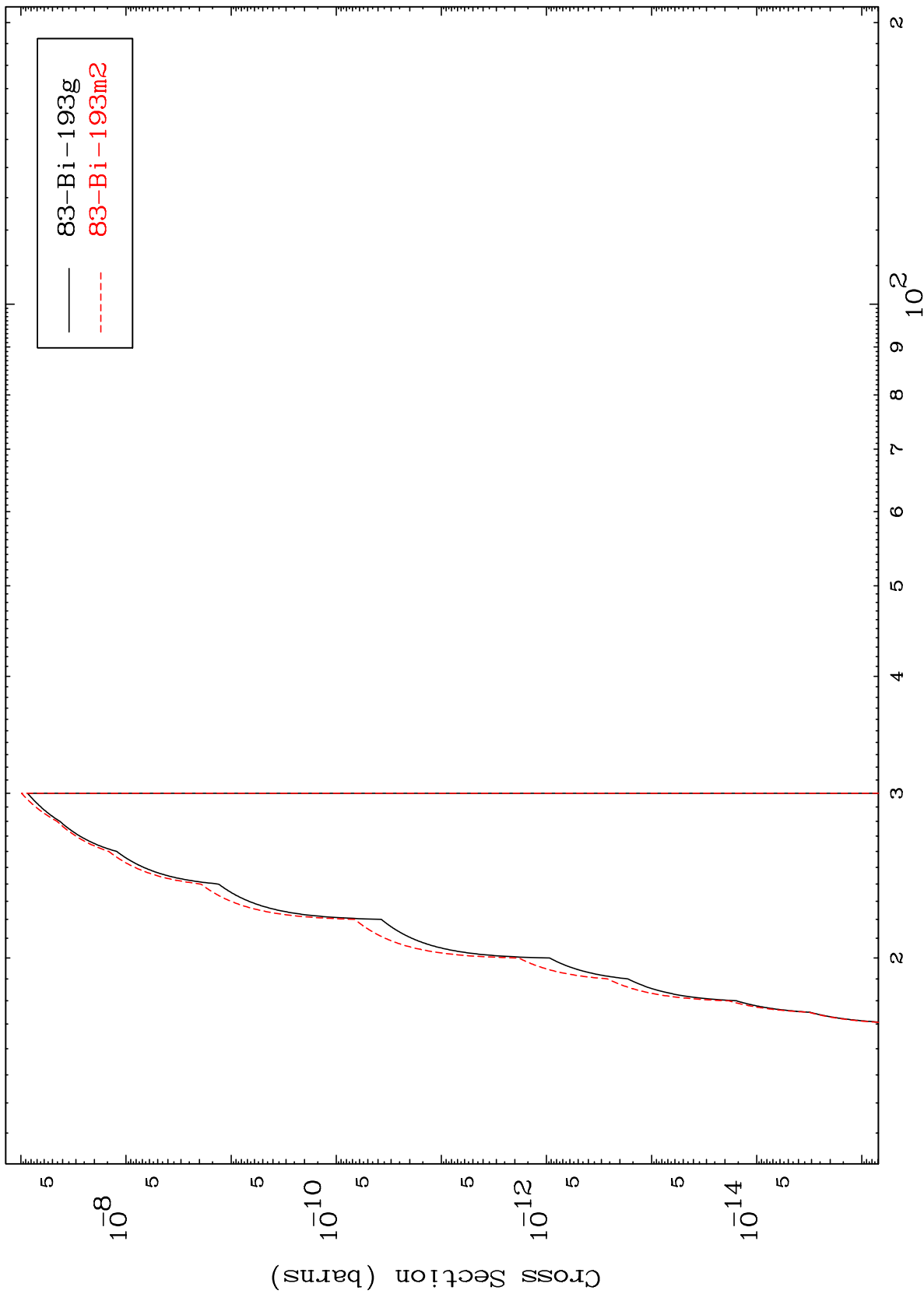
84-Po-196

Radionuclide Production Cross Section



83-Bi-194g  
83-Bi-194m1  
83-Bi-194m2

(n, t)  
Radionuclide Production Cross Section

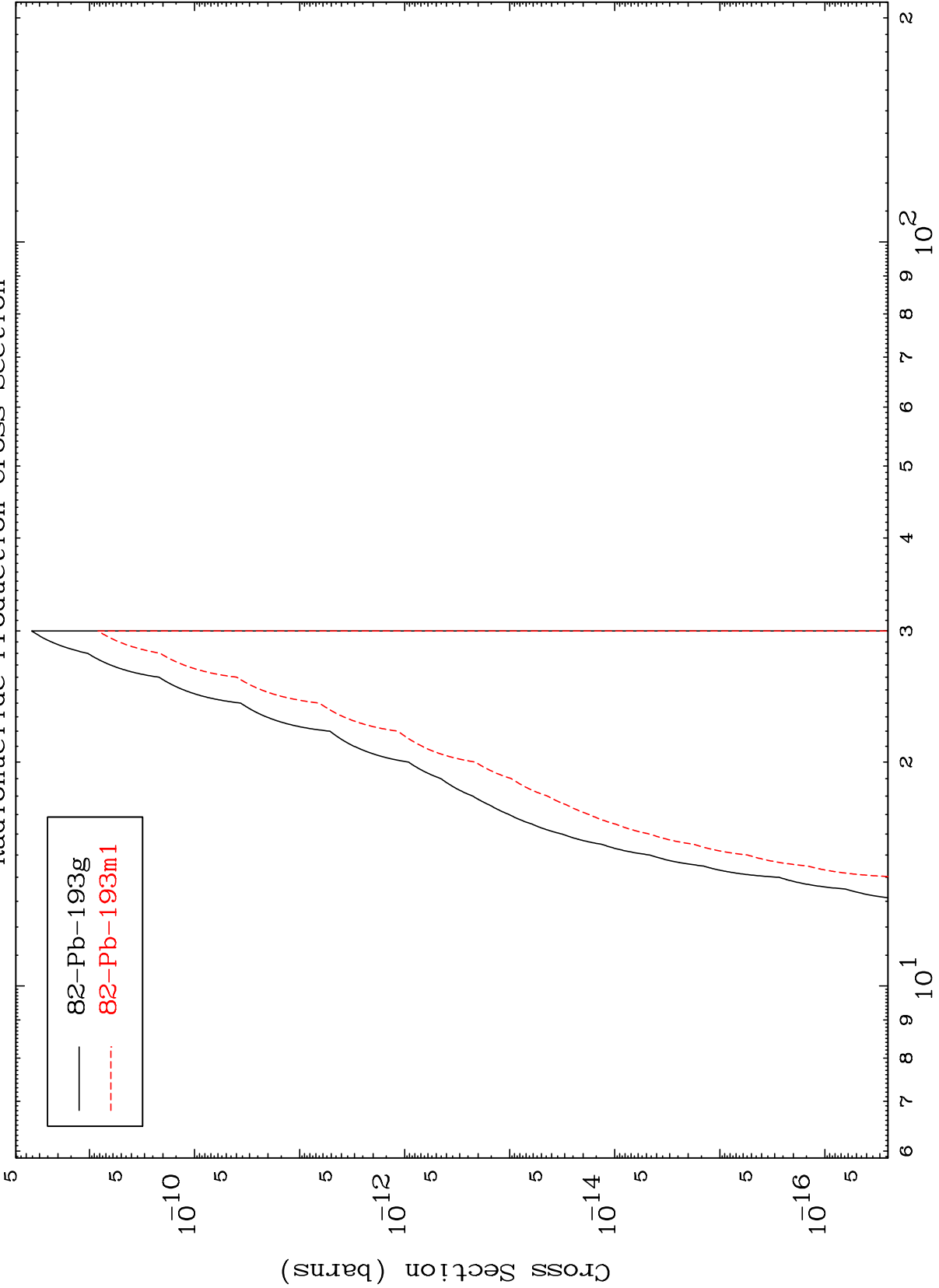


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(n,He-3)

84-Po-196

Radionuclide Production Cross Section



82-Pb-193g  
82-Pb-193m1

24

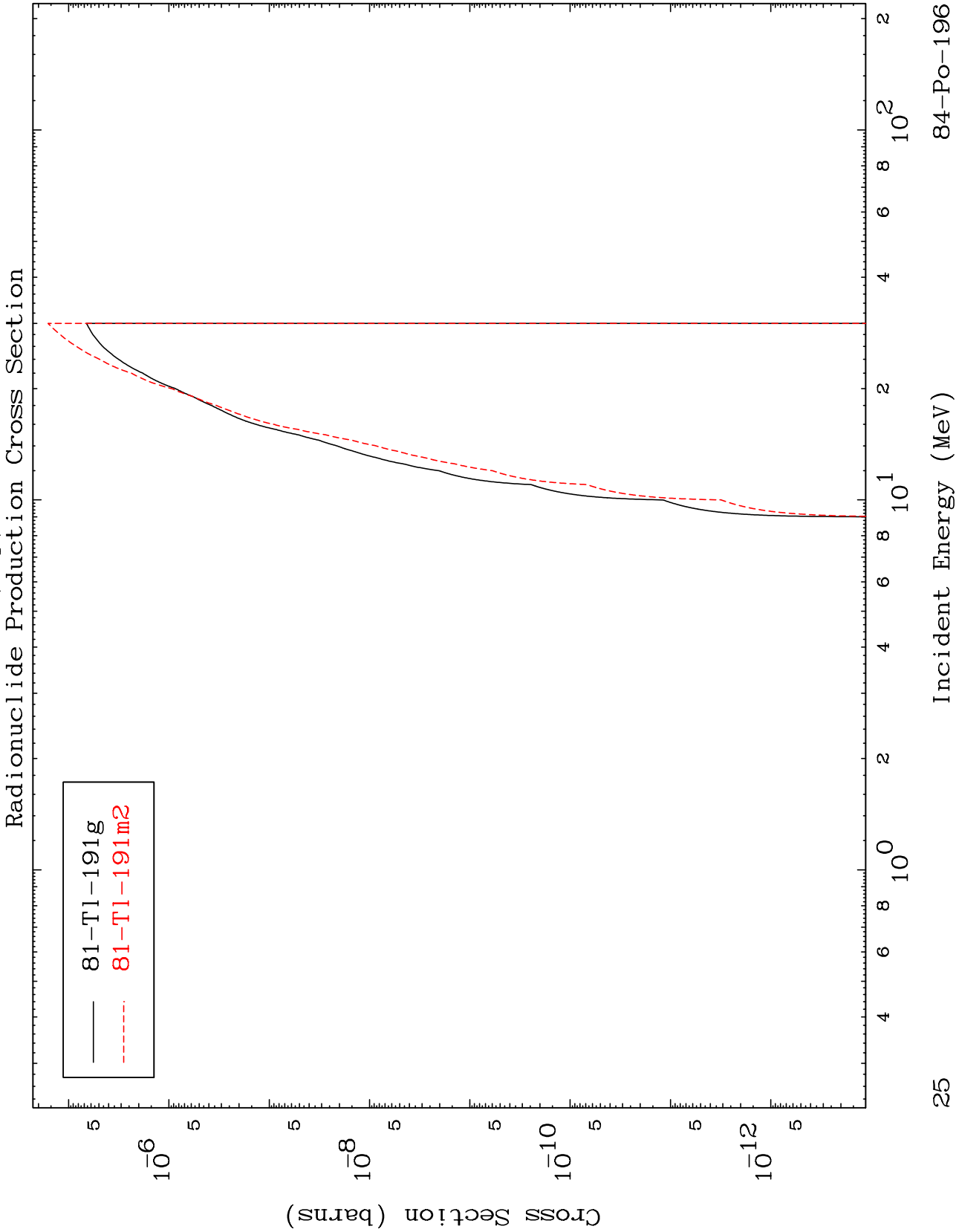
Incident Energy (MeV)

84-Po-196

MAT 8395

(n,p)  $\alpha$

84-Po-196



MAT 8395

(n,p) d

84-Po-196

Radionuclide Production Cross Section

