

Program EVALPLOT  
(Version 2021-1)

by

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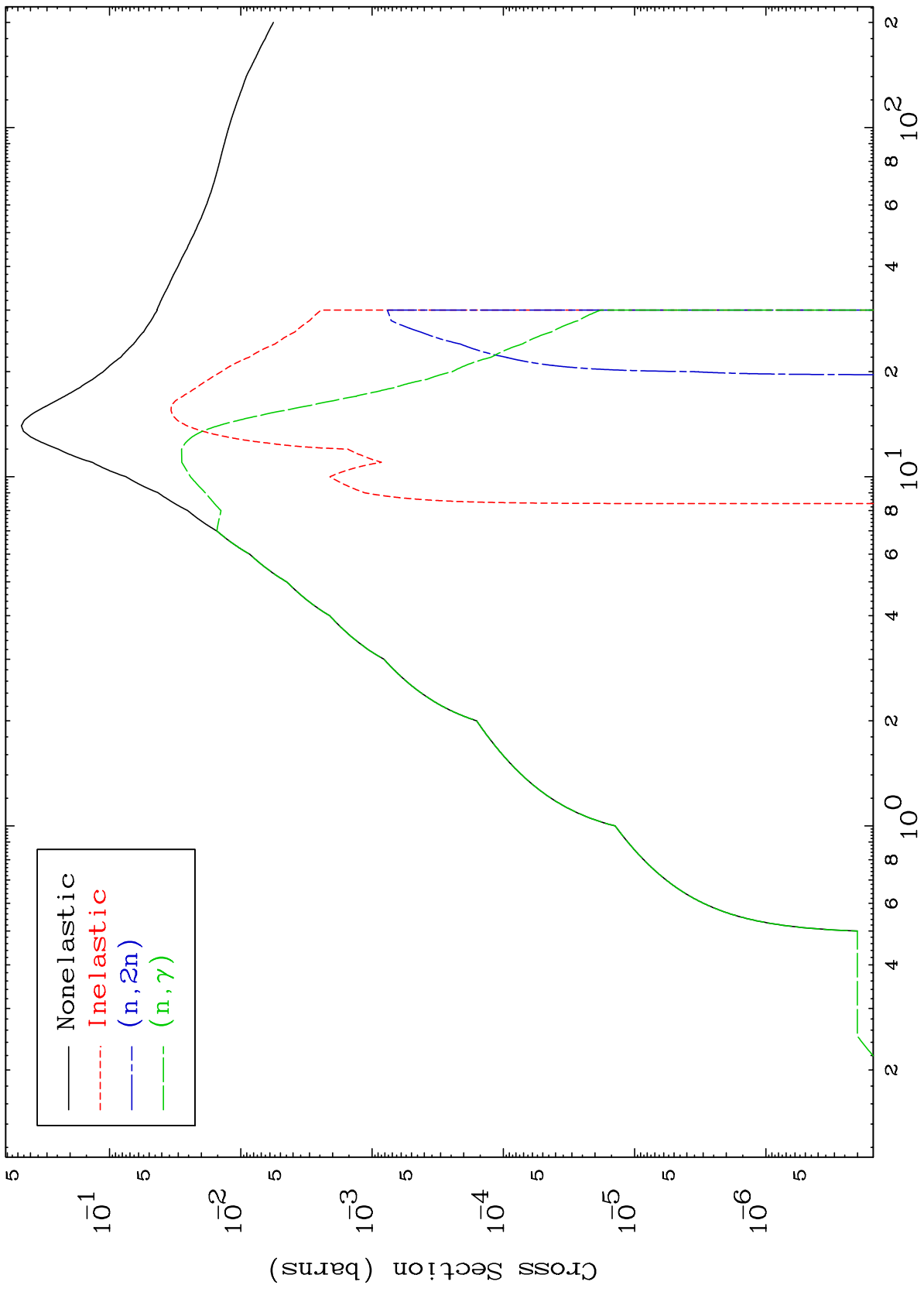
Web:redcullen1.net/HOMEPAGE.NEW

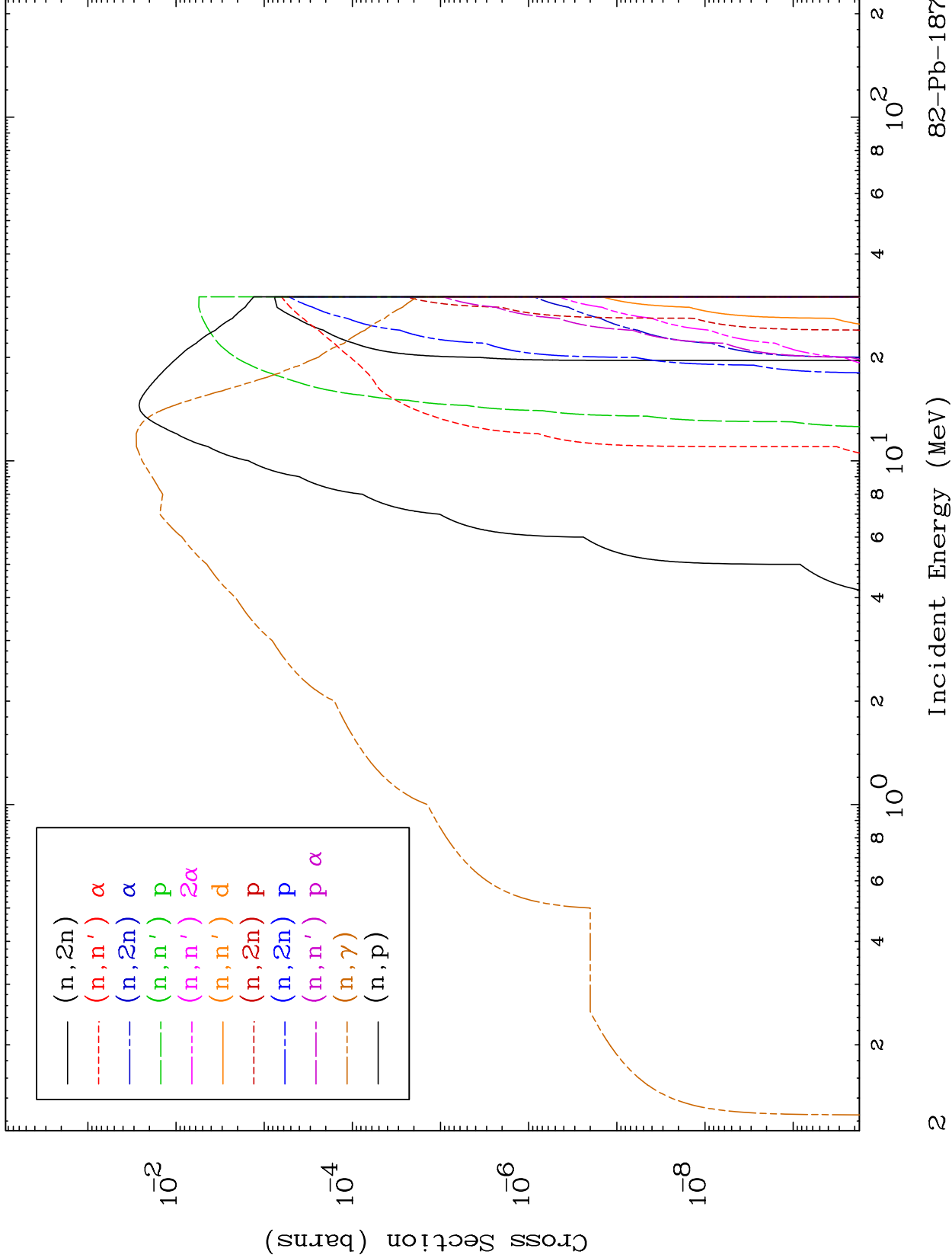
Press Mouse Button to Start

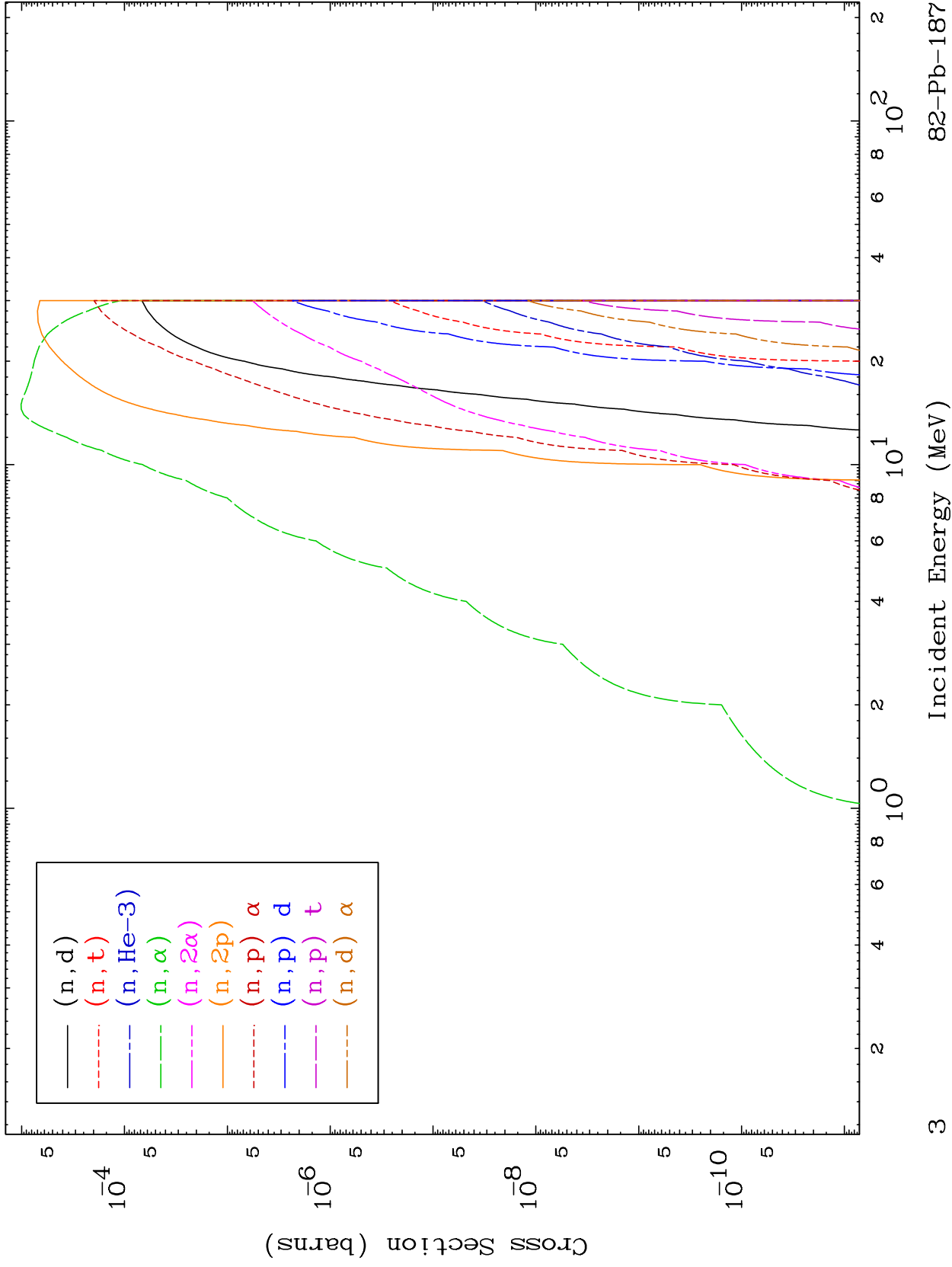
MAT 8174

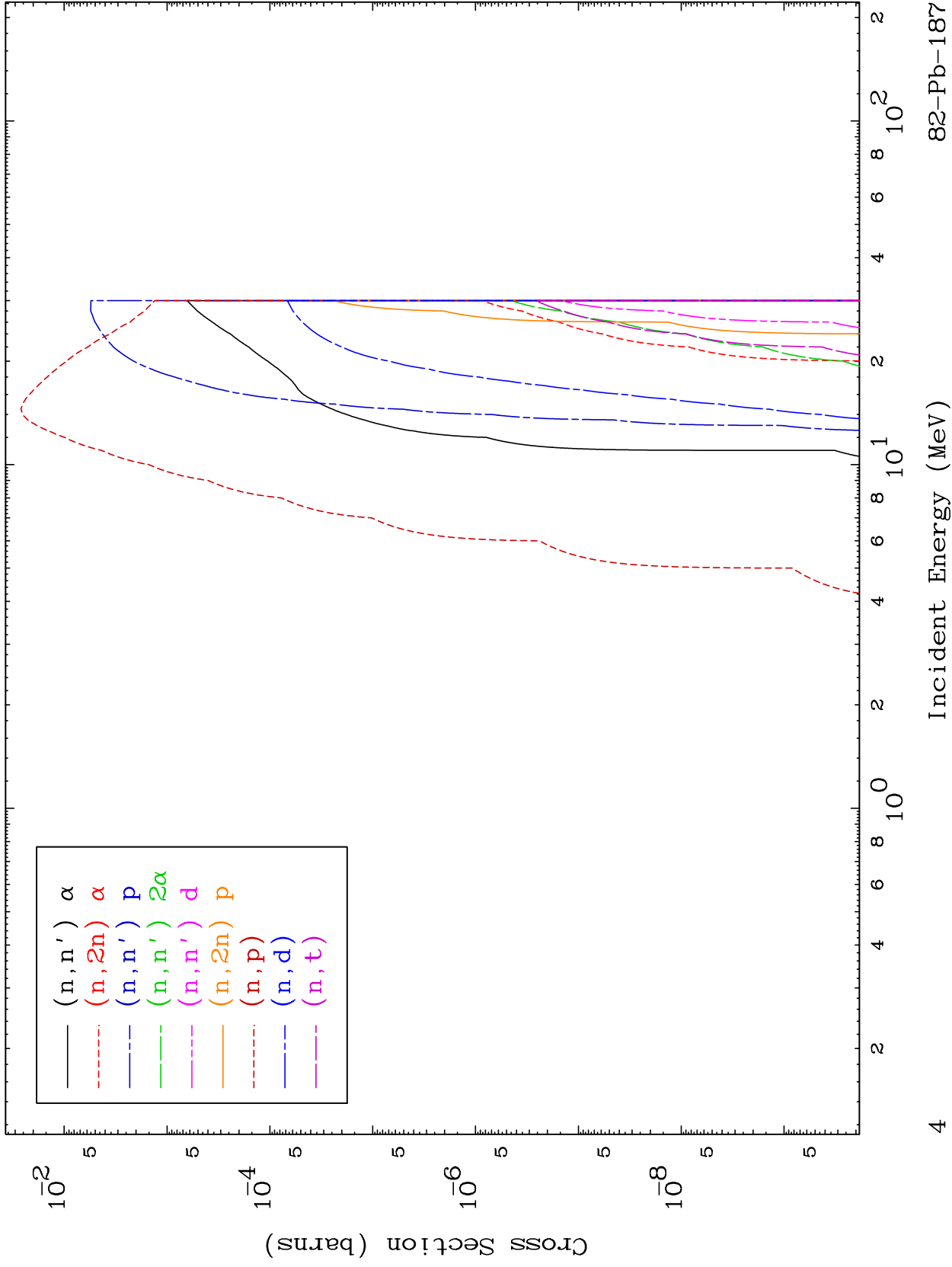
Photon Major  
0 Kelvin Cross Sections

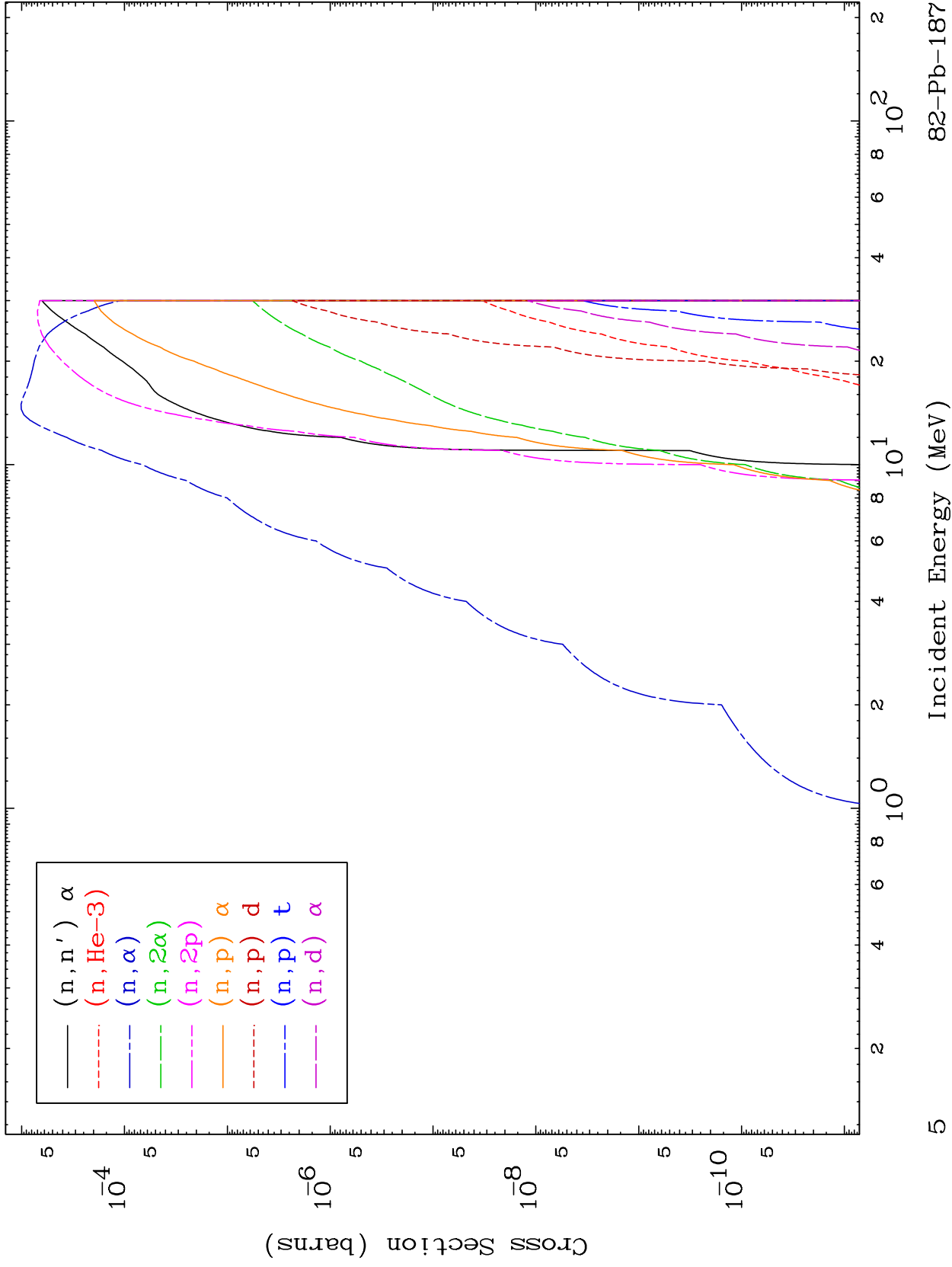
82-Pb-187









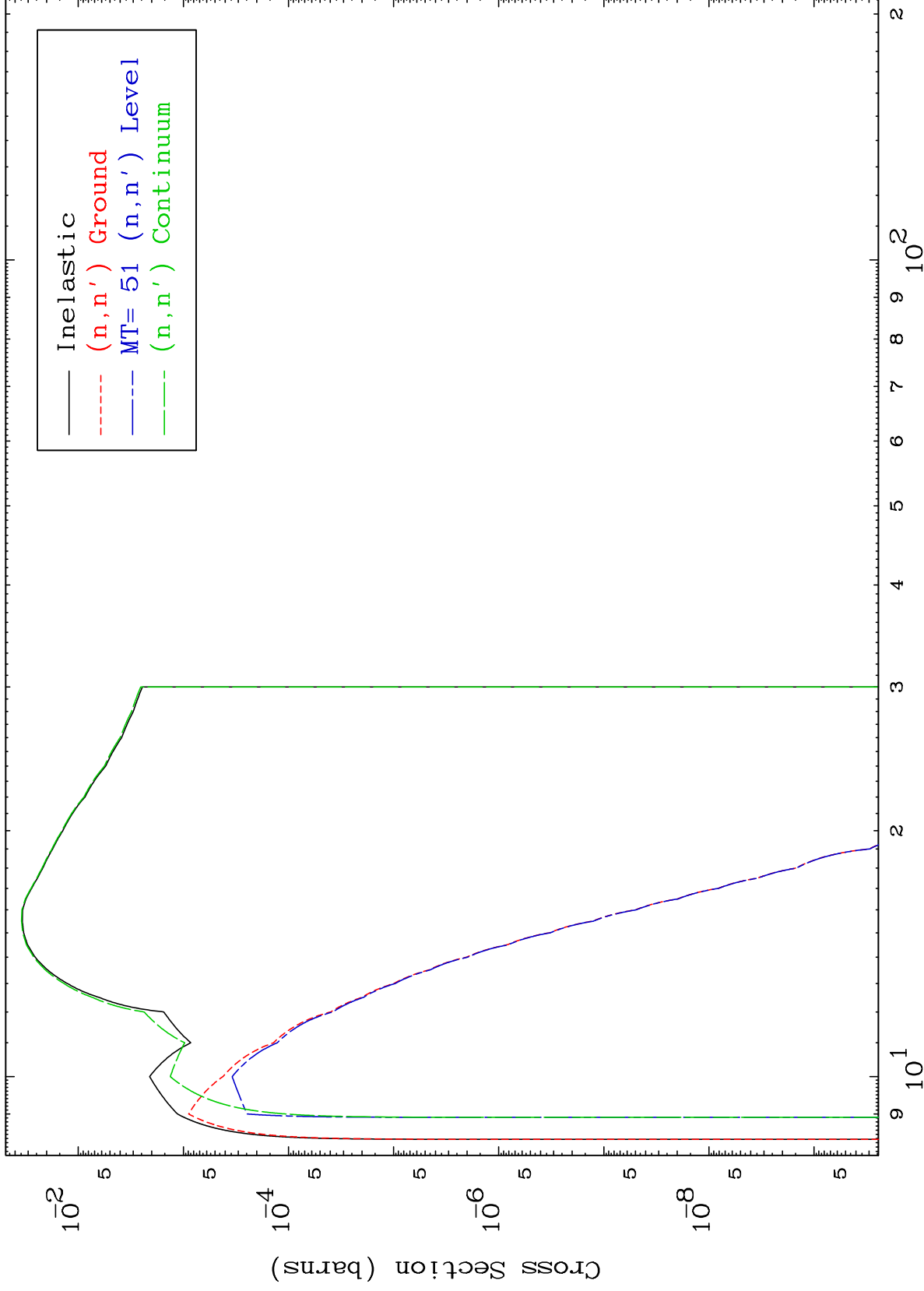


MAT 8174

( $\gamma, n'$ ) Levels

82-Pb-187

0 Kelvin Cross Sections



Incident Energy (MeV)

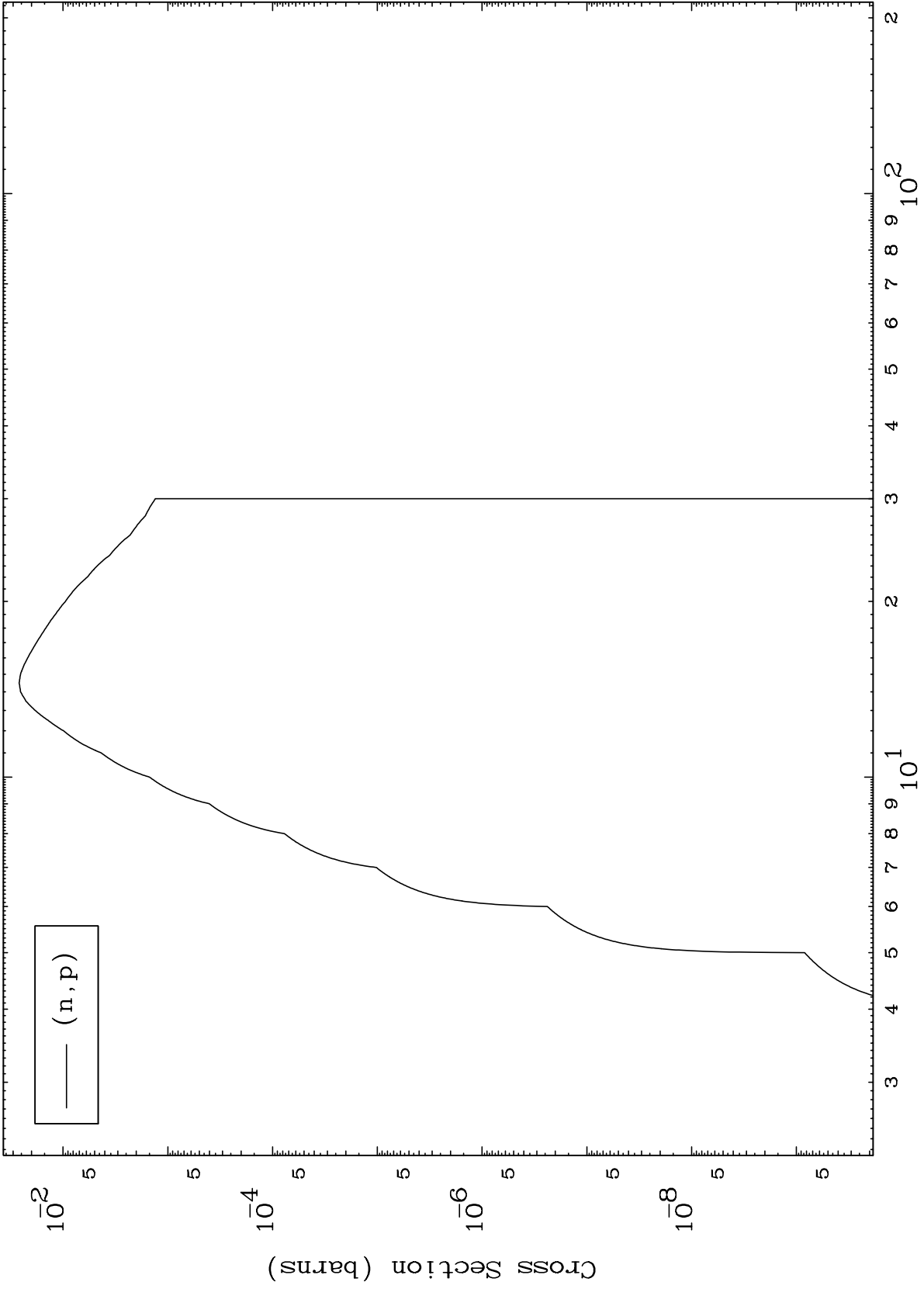
82-Pb-187

6

MAT 8174

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

82-Pb-187



7

Incident Energy (MeV)

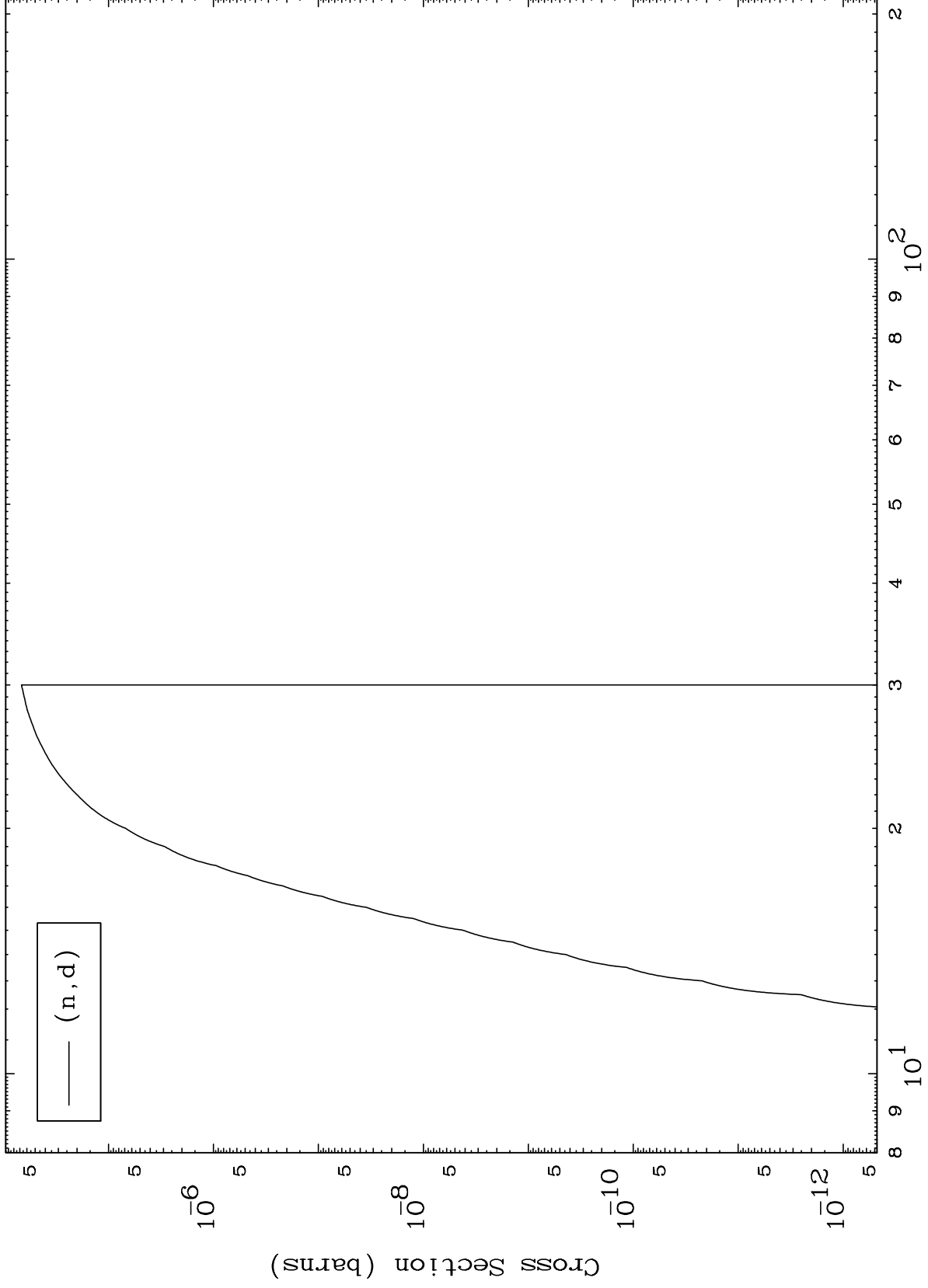
82-Pb-187



MAT 8174

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

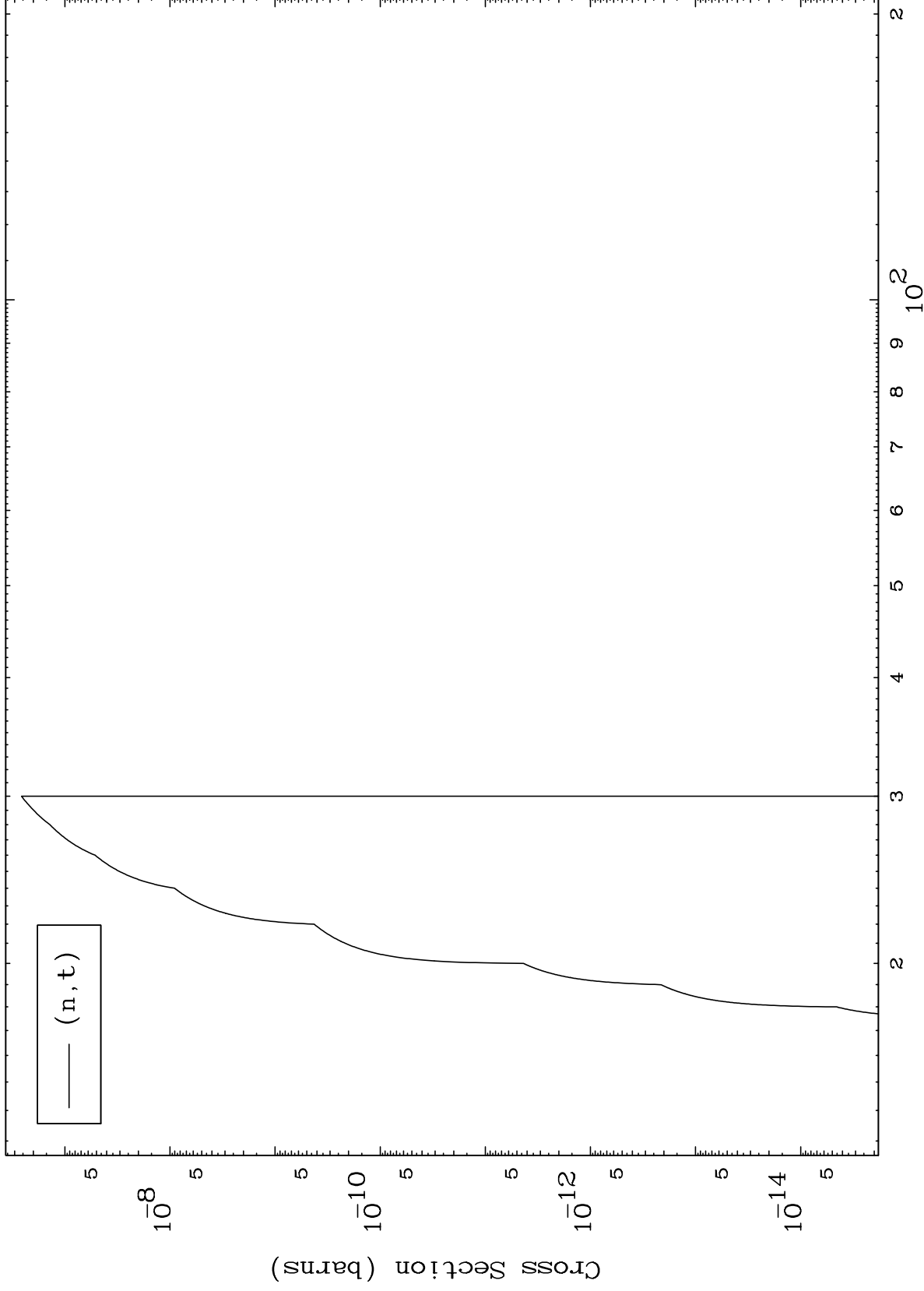
82-Pb-187



8

Incident Energy (MeV)

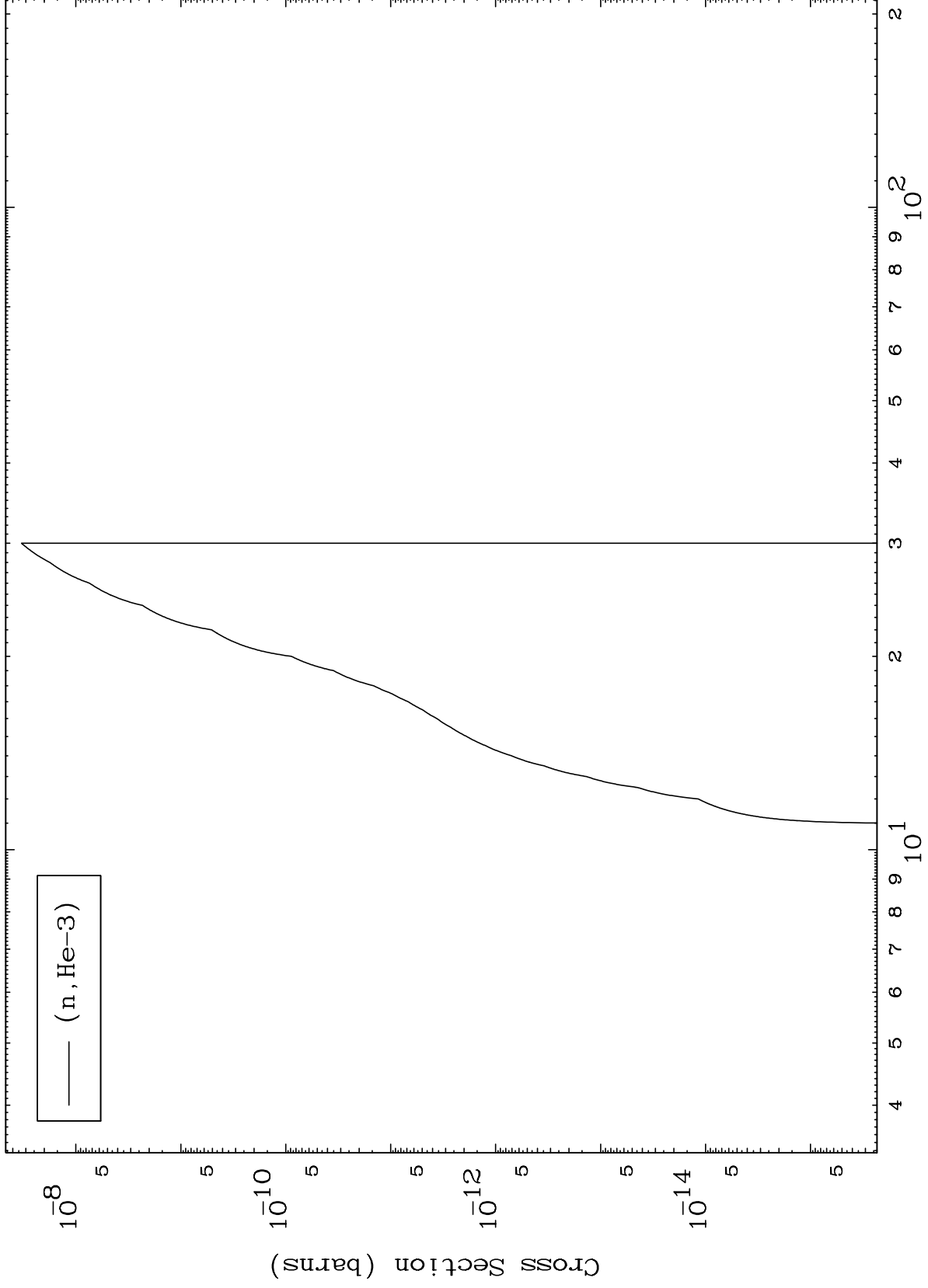
82-Pb-187



MAT 8174

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

82-Pb-187



10

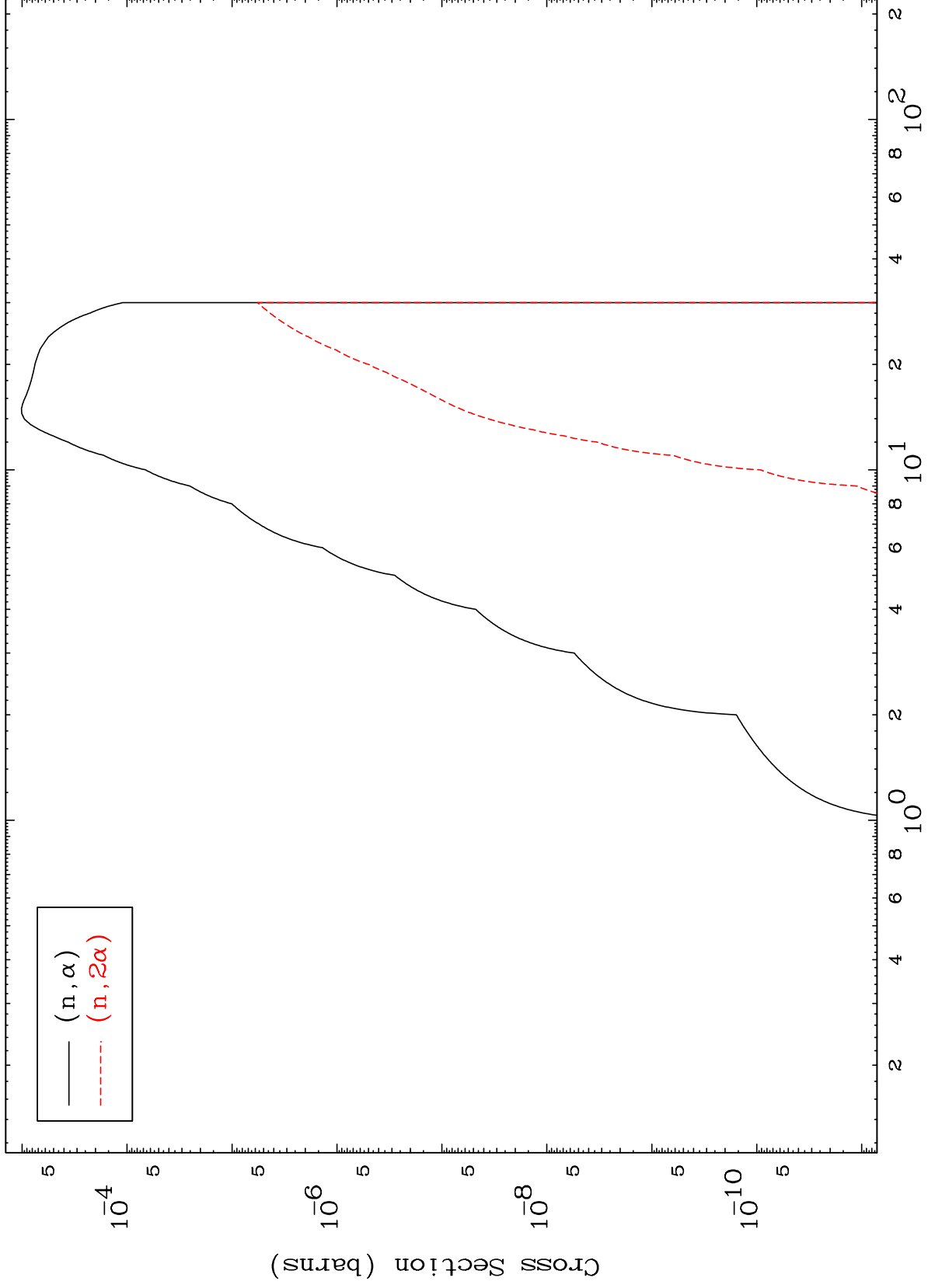
Incident Energy (MeV)

82-Pb-187

MAT 8174

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

82-Pb-187

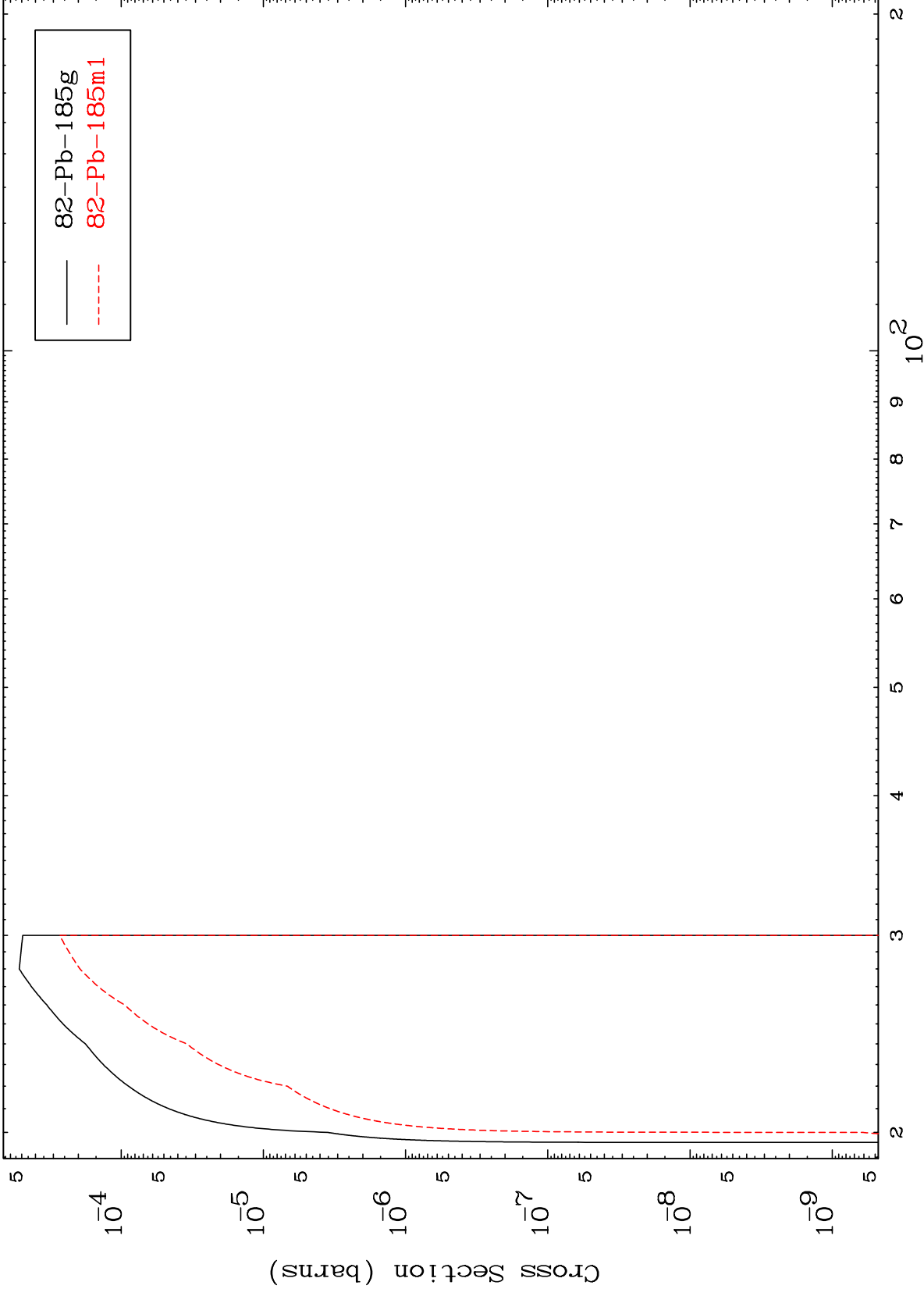


MAT 8174

(n,2n)

82-Pb-187

Radionuclide Production Cross Section



12

Incident Energy (MeV)

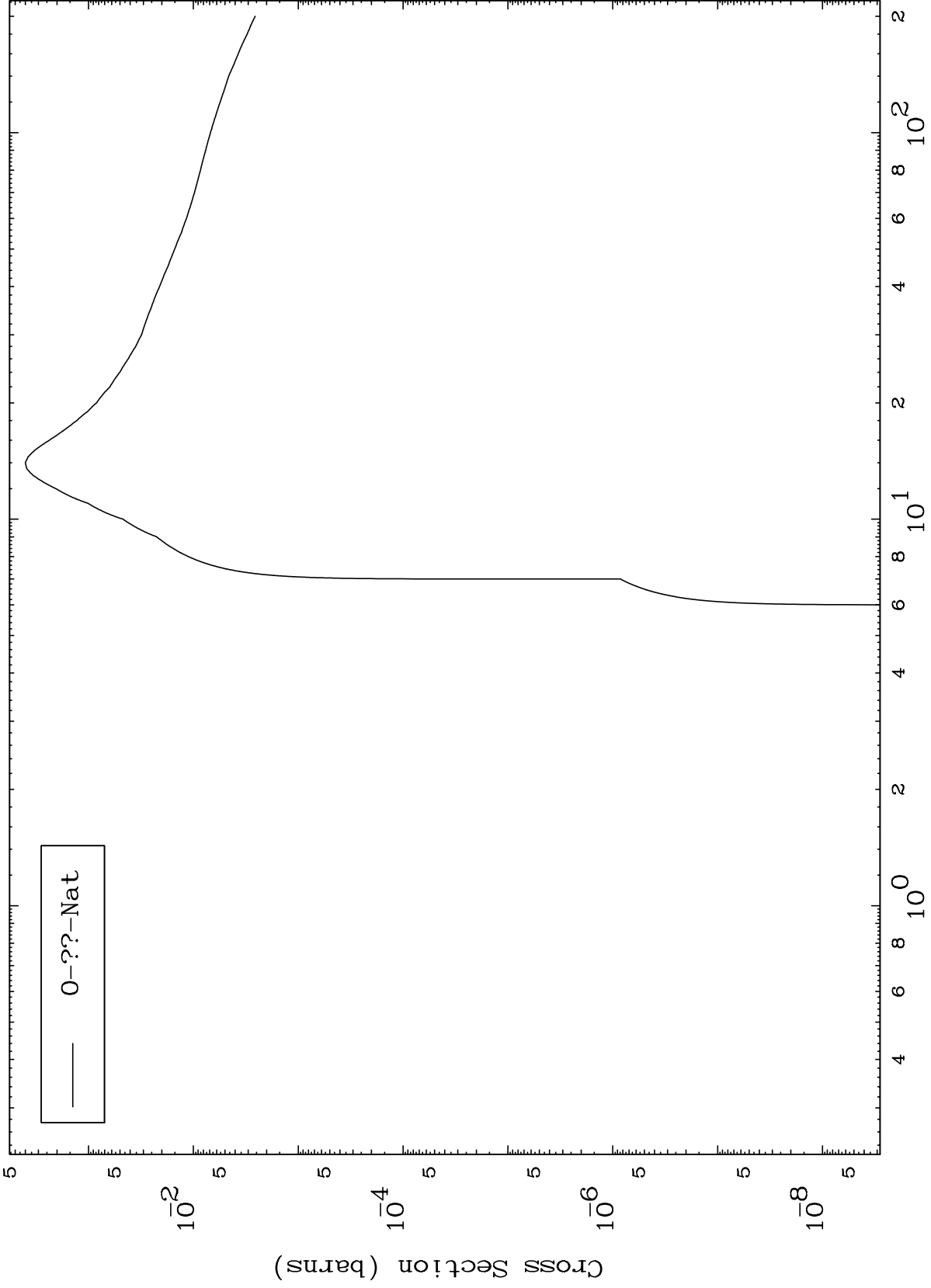
82-Pb-187

MAT 8174

Fission

82-Pb-187

Radionuclide Production Cross Section



13

Incident Energy (MeV)

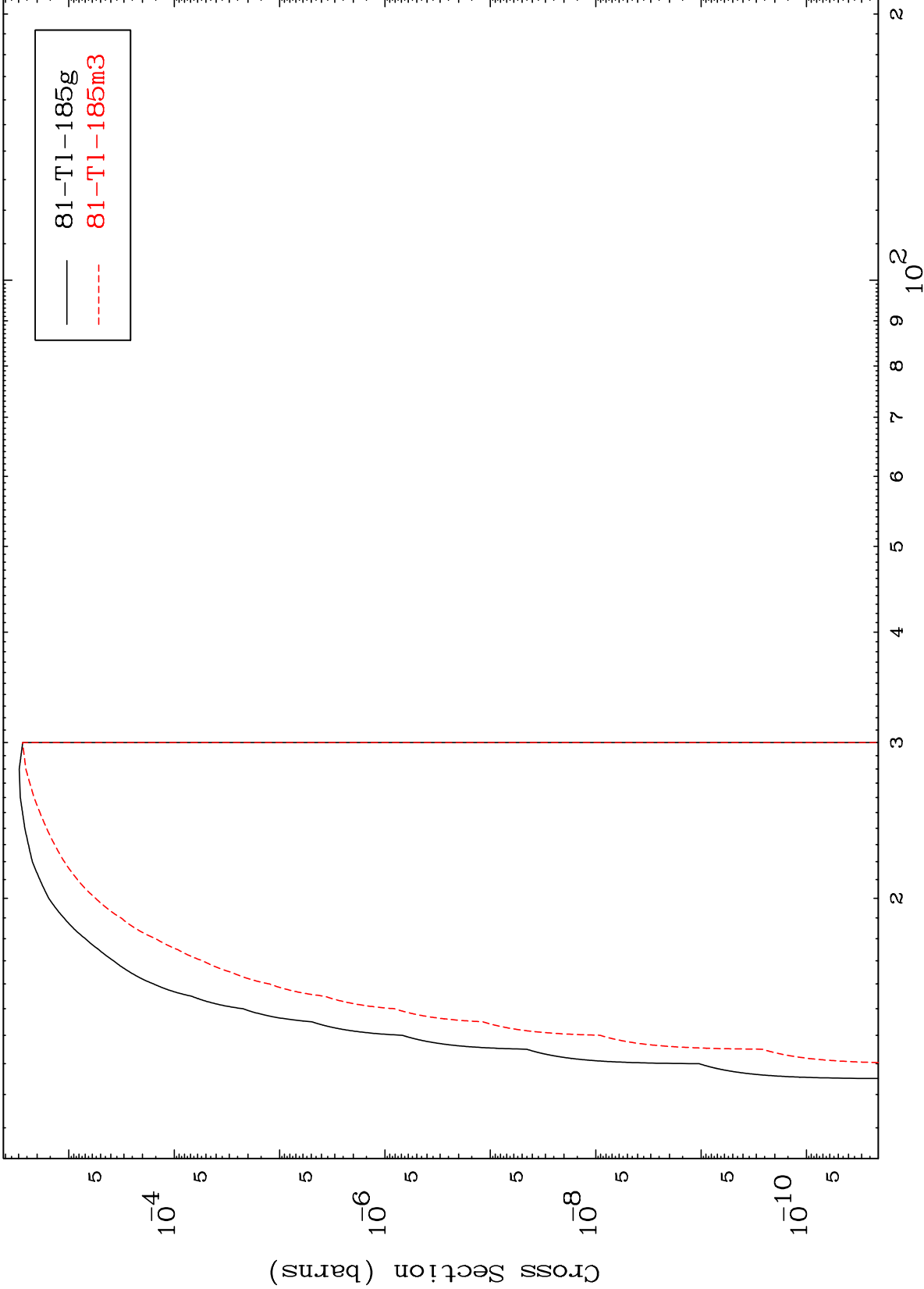
82-Pb-187

MAT 8174

(n,n') p

82-Pb-187

Radionuclide Production Cross Section



14

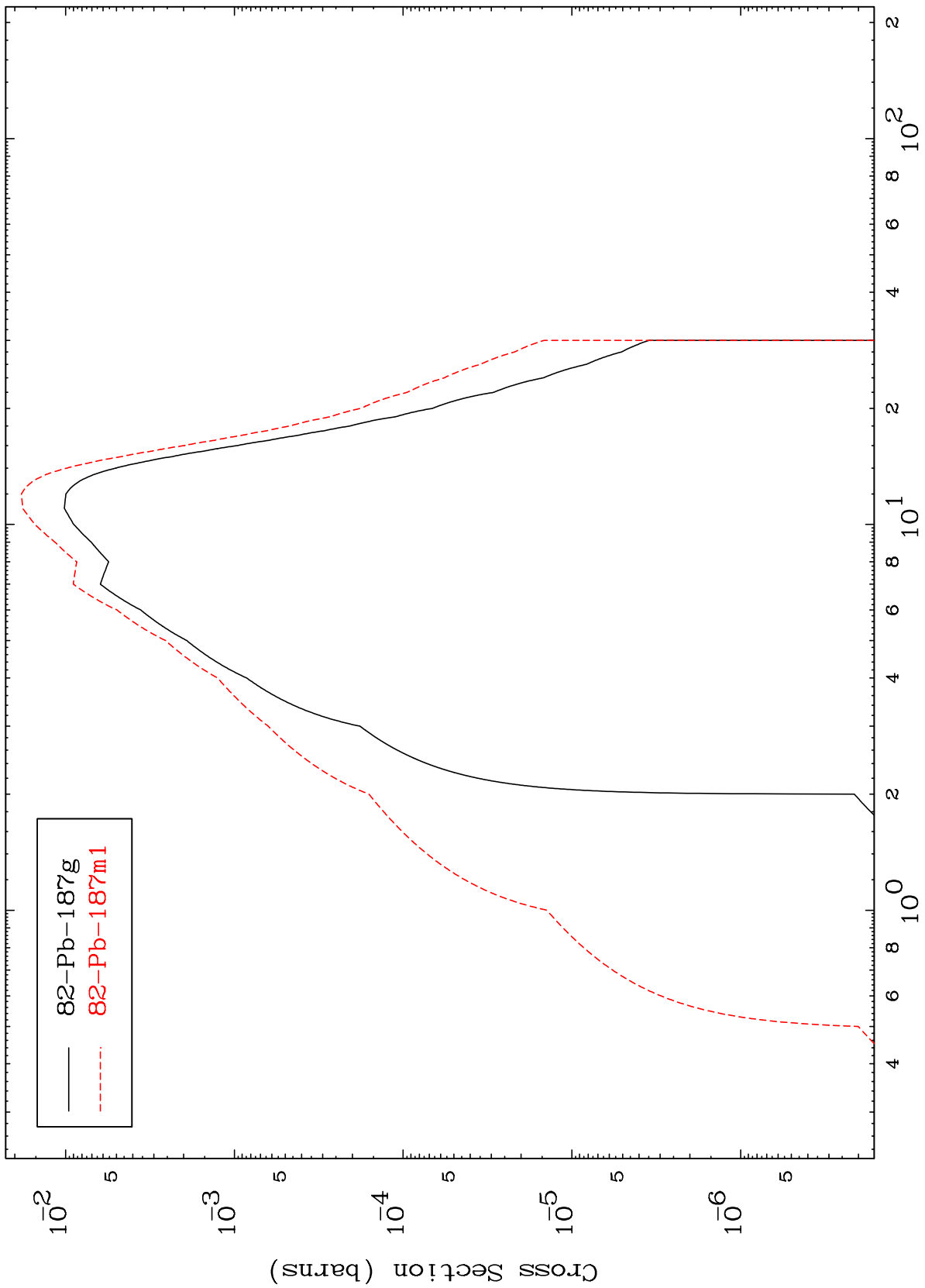
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

Radionuclide Production Cross Section  
(n,  $\gamma$ )



— 82-Pb-187g  
- - - 82-Pb-187m1

15

Incident Energy (MeV)

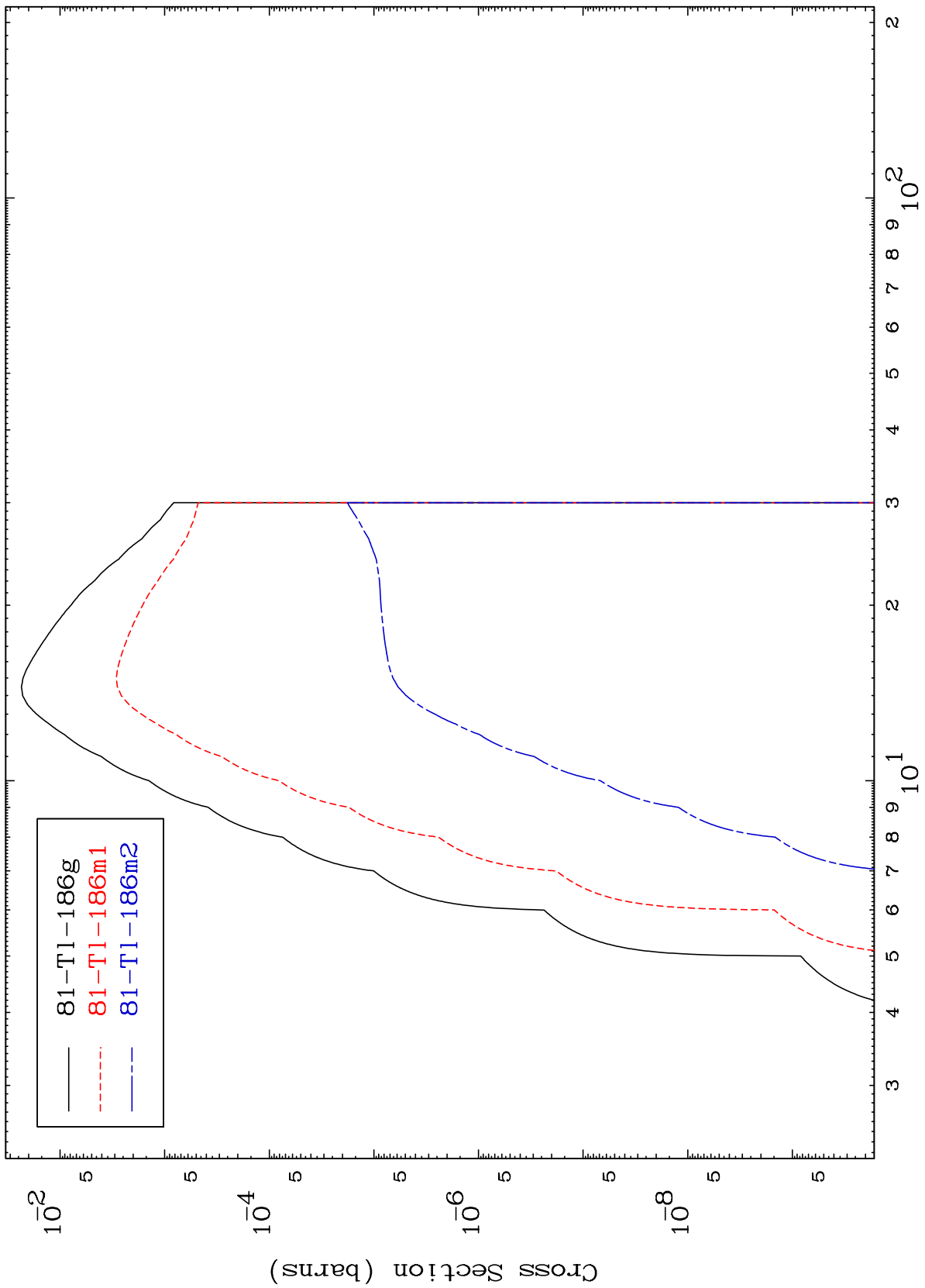
82-Pb-187



MAT 8174

82-Pb-187

(n,p)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

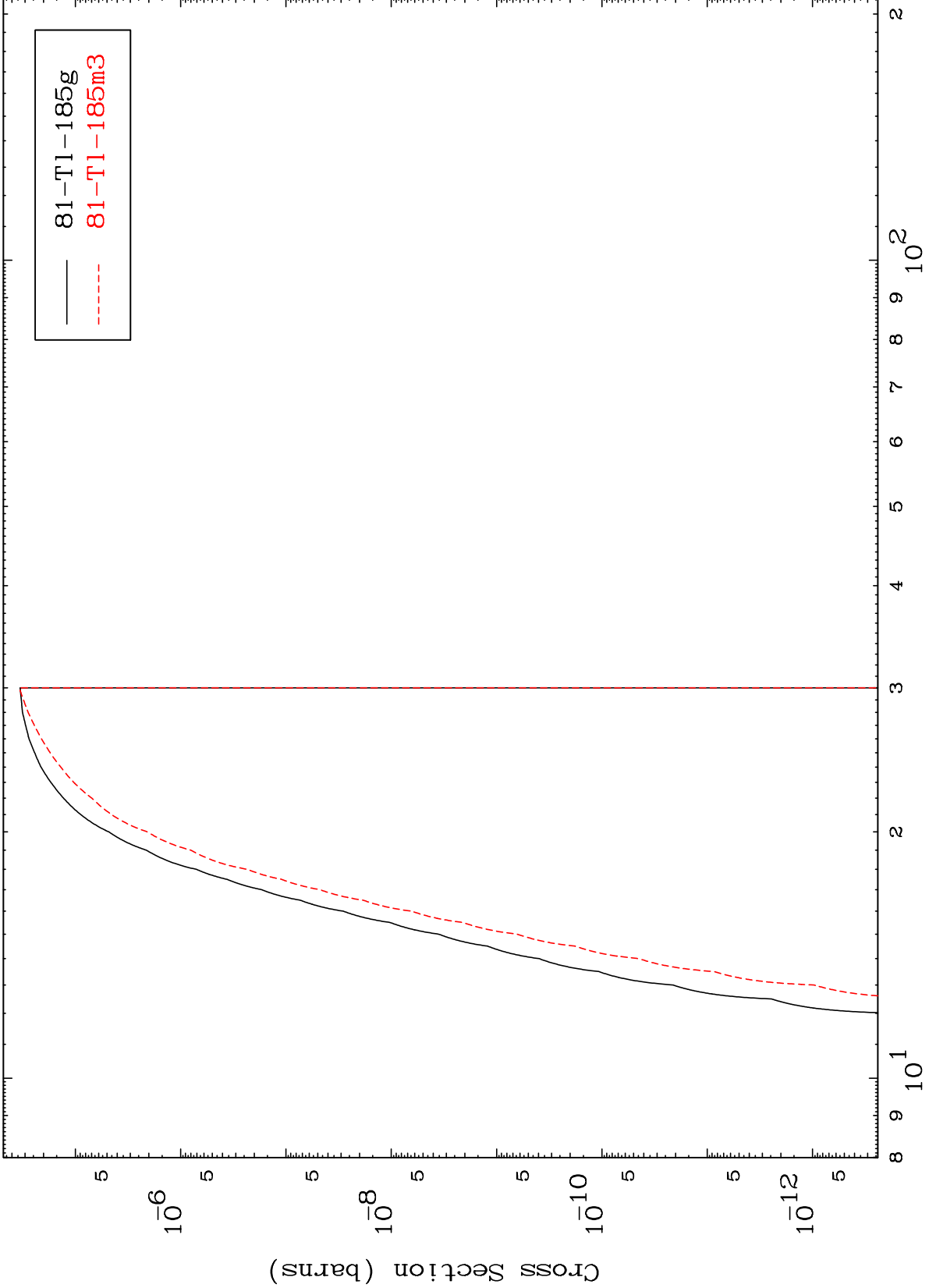
82-Pb-187

MAT 8174

(n,d)

82-Pb-187

Radionuclide Production Cross Section



17

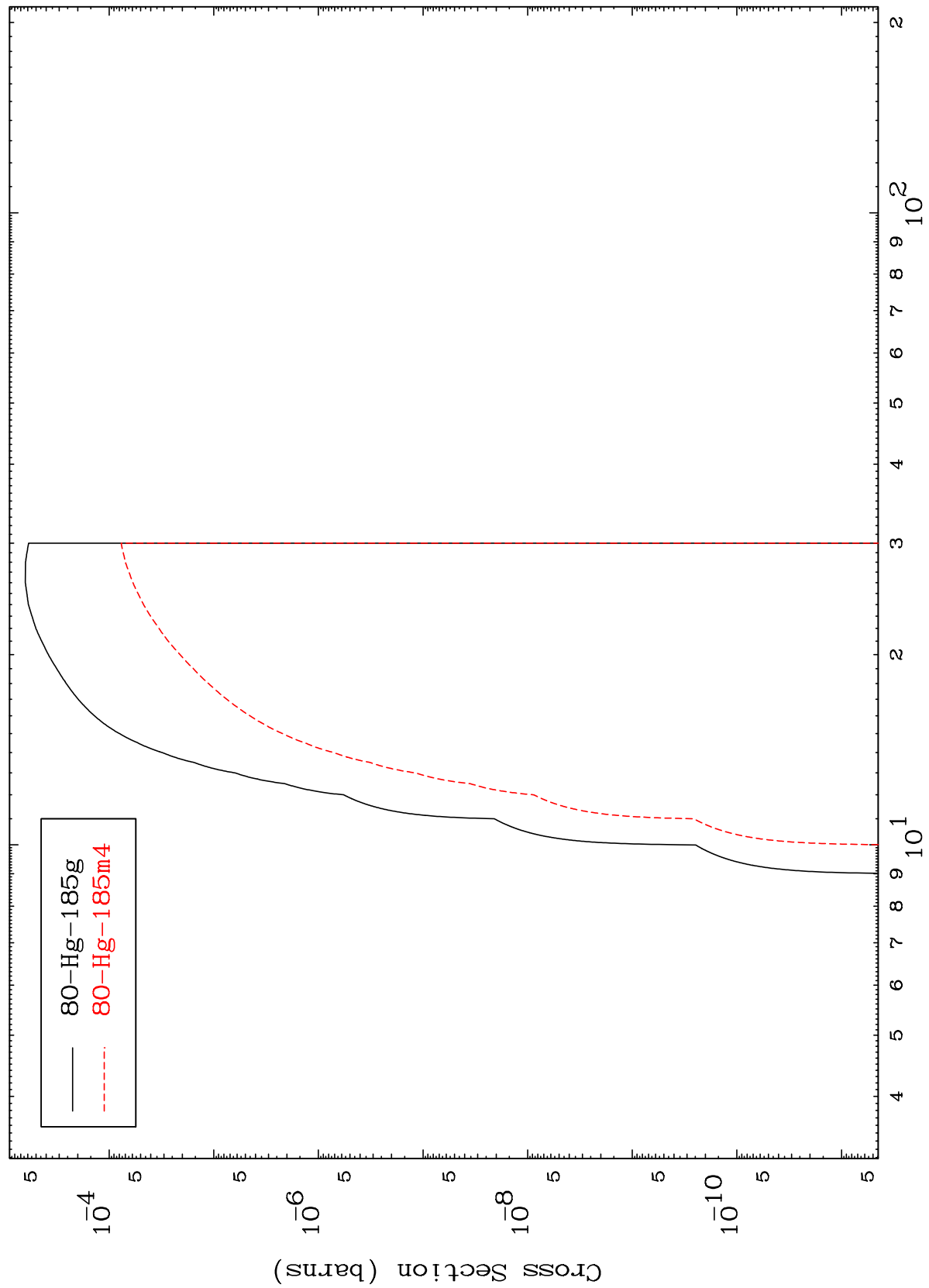
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

Radionuclide Production Cross Section (n,2p)



18

Incident Energy (MeV)

82-Pb-187