

Program EVALPLOT
(Version 2021-1)

by

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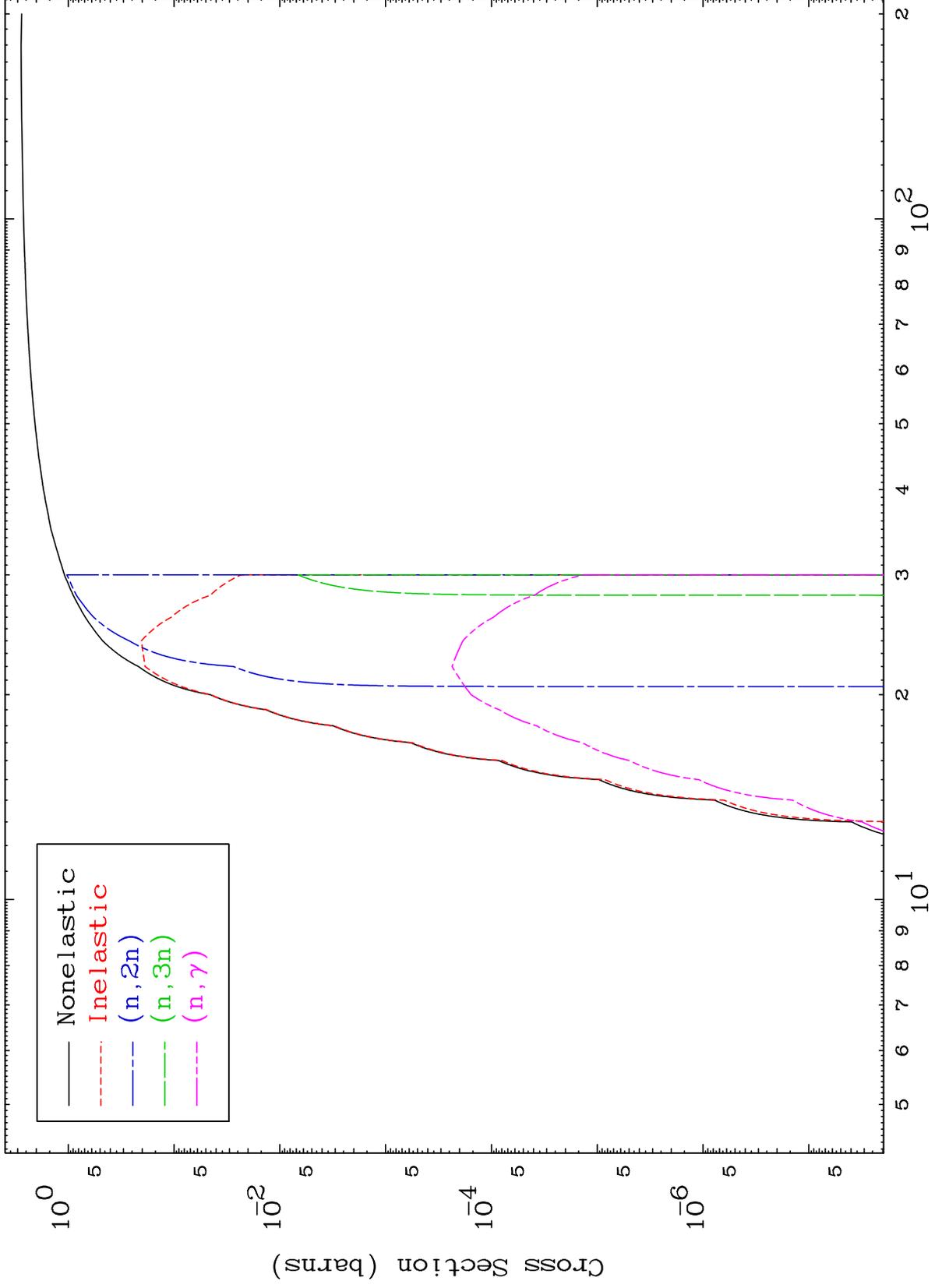
Press Mouse Button to Start

MAT 8223

0 Kelvin Cross Sections

α Major

82-Pb-203m



1

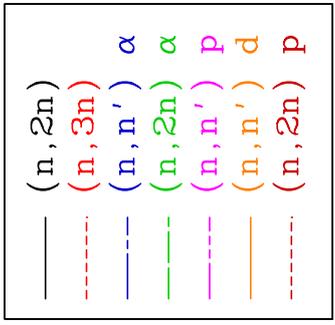
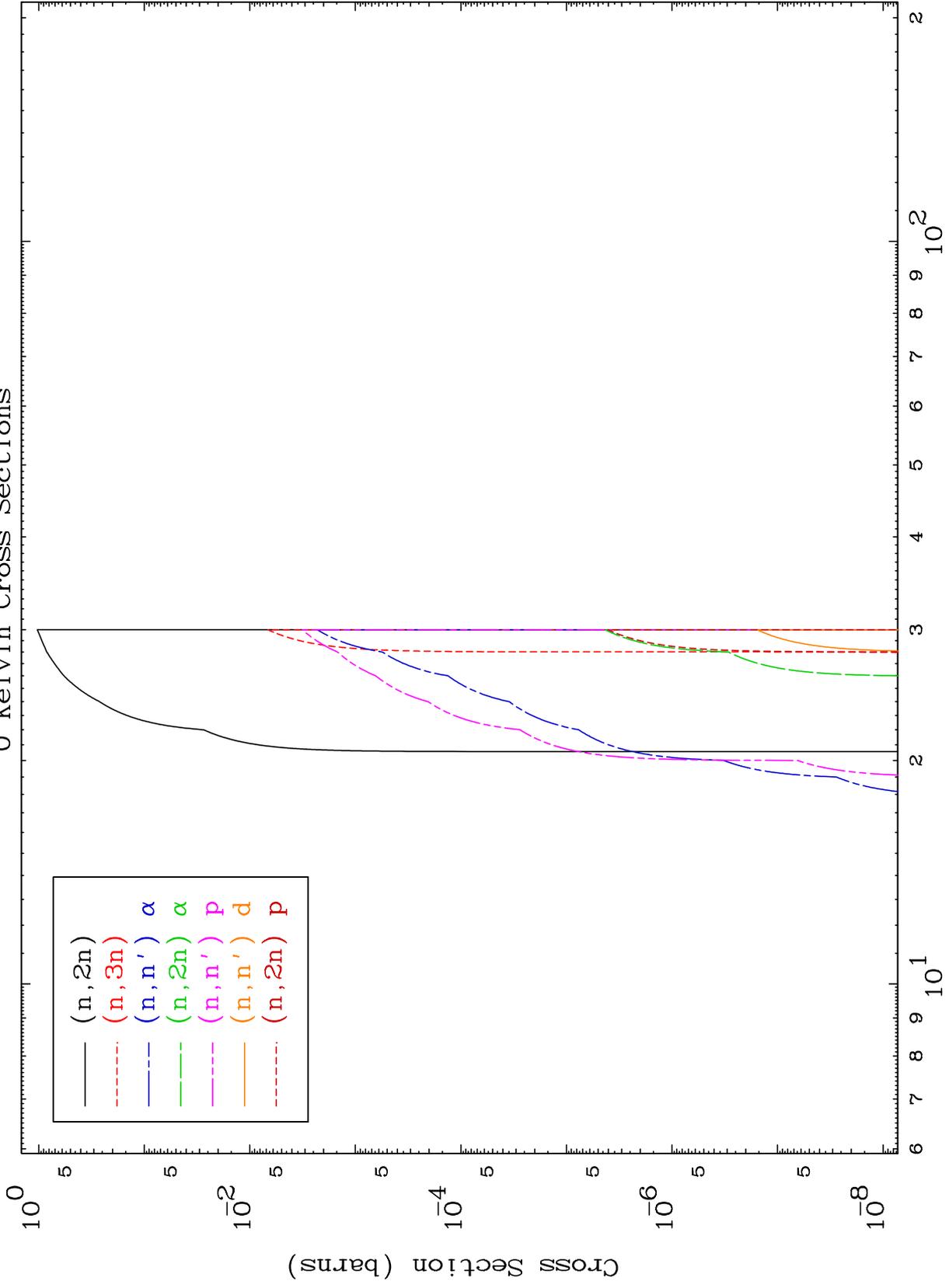
Incident Energy (MeV)

82-Pb-203m

MAT 8223

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-203m



Incident Energy (MeV)

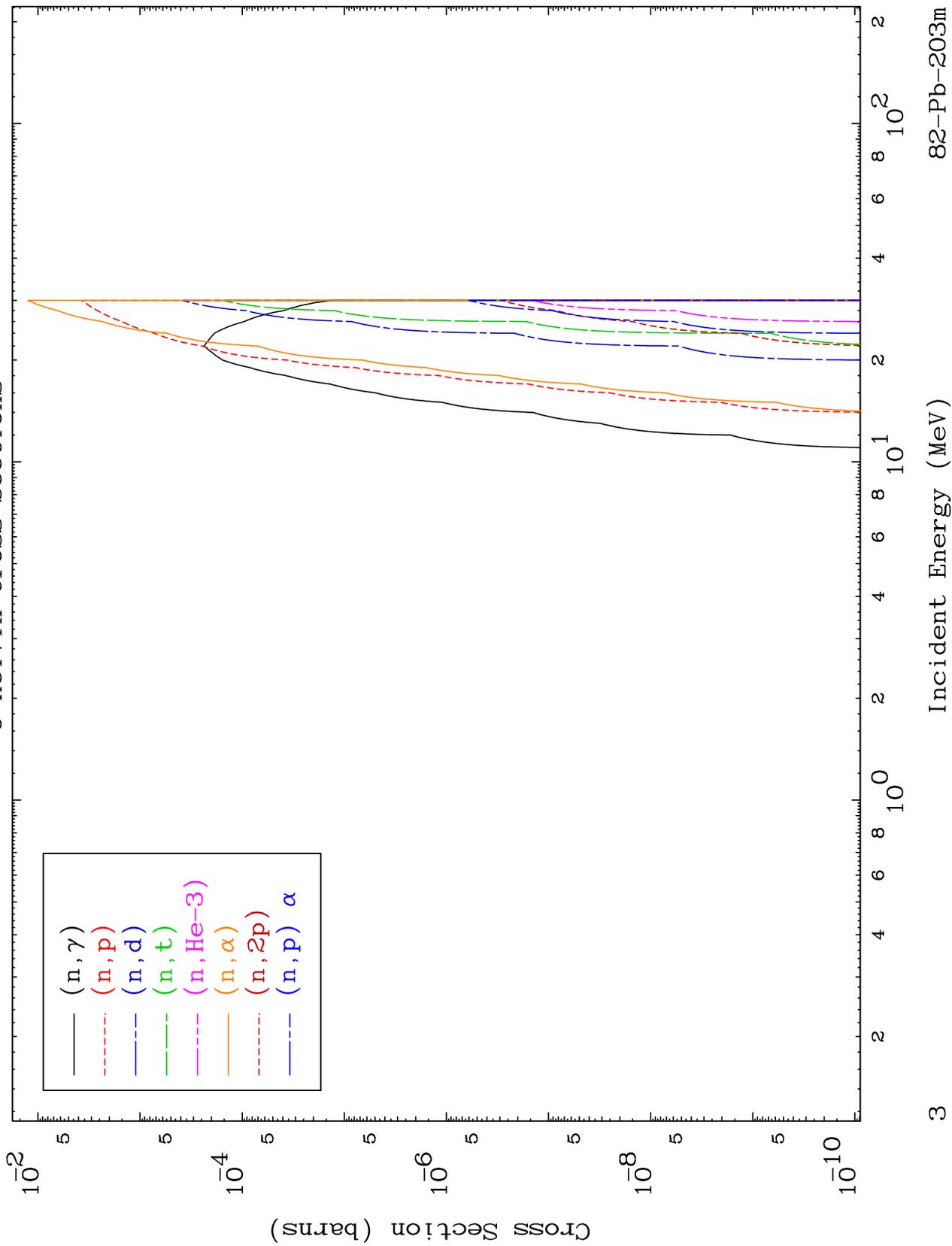
82-Pb-203m

2

MAT 8223

α Neutron Absorption
0 Kelvin Cross Sections

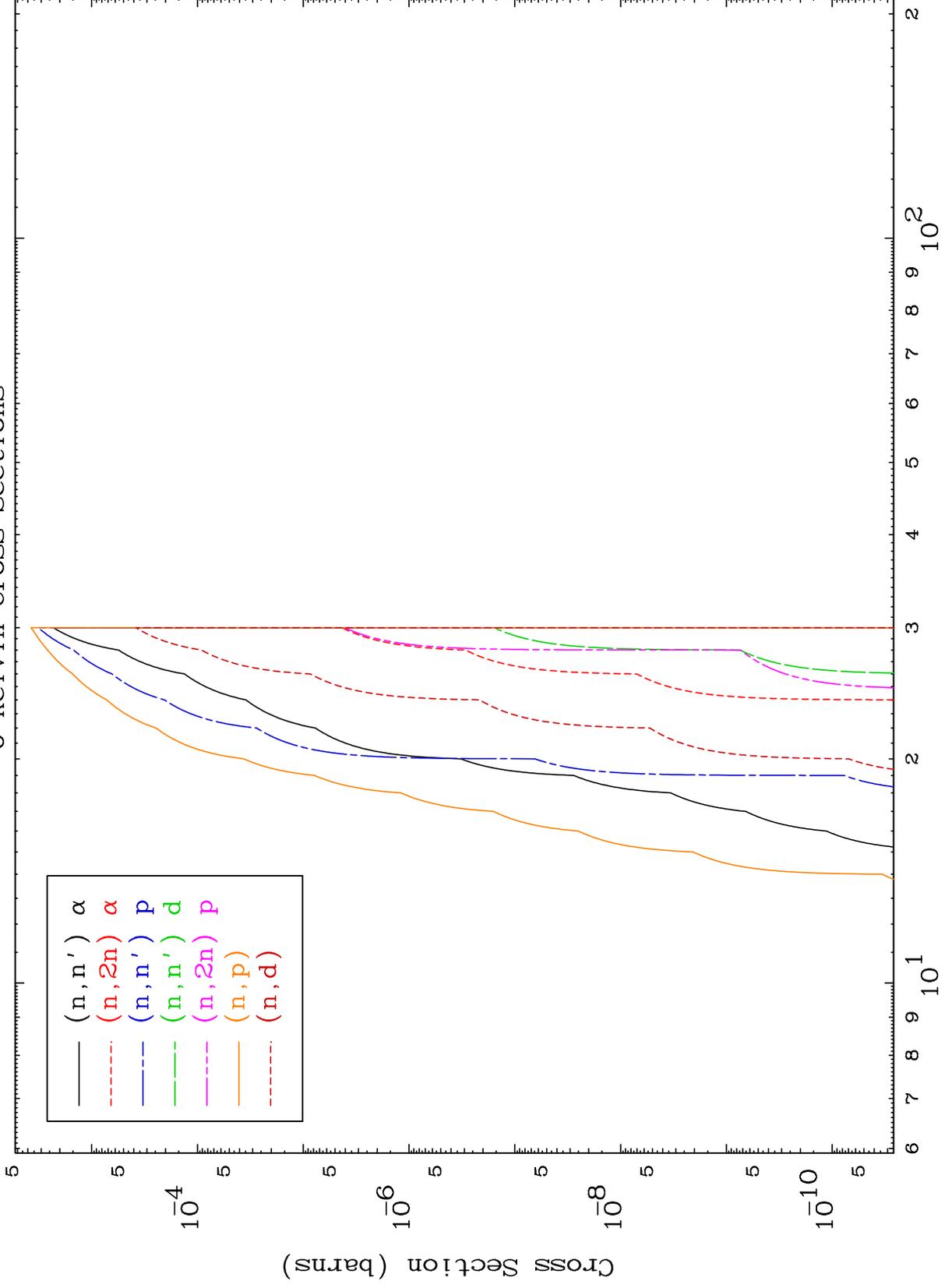
82-Pb-203m



MAT 8223

α Charged Particle
0 Kelvin Cross Sections

82-Pb-203m



4

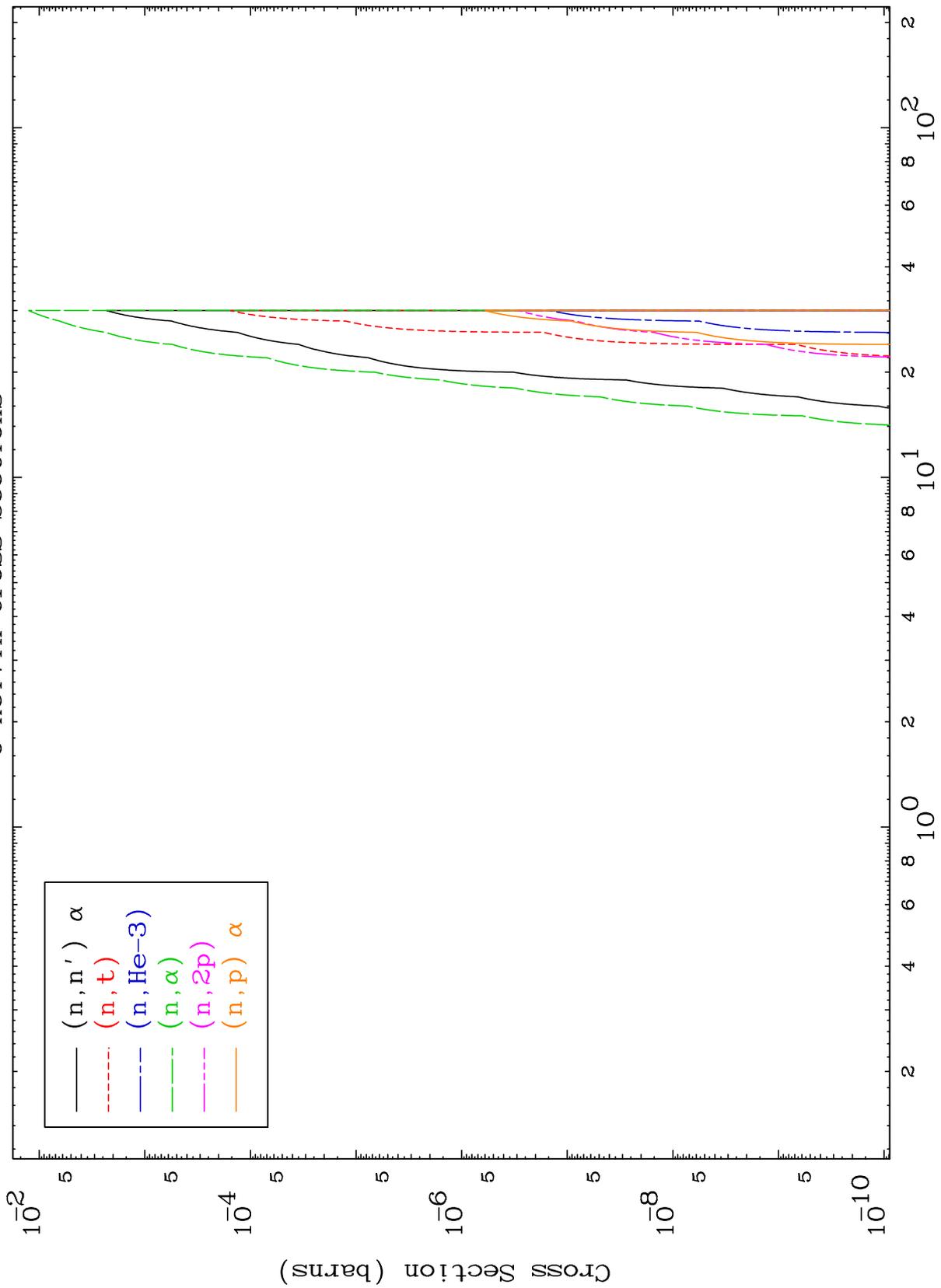
Incident Energy (MeV)

82-Pb-203m

MAT 8223

α Charged Particle
0 Kelvin Cross Sections

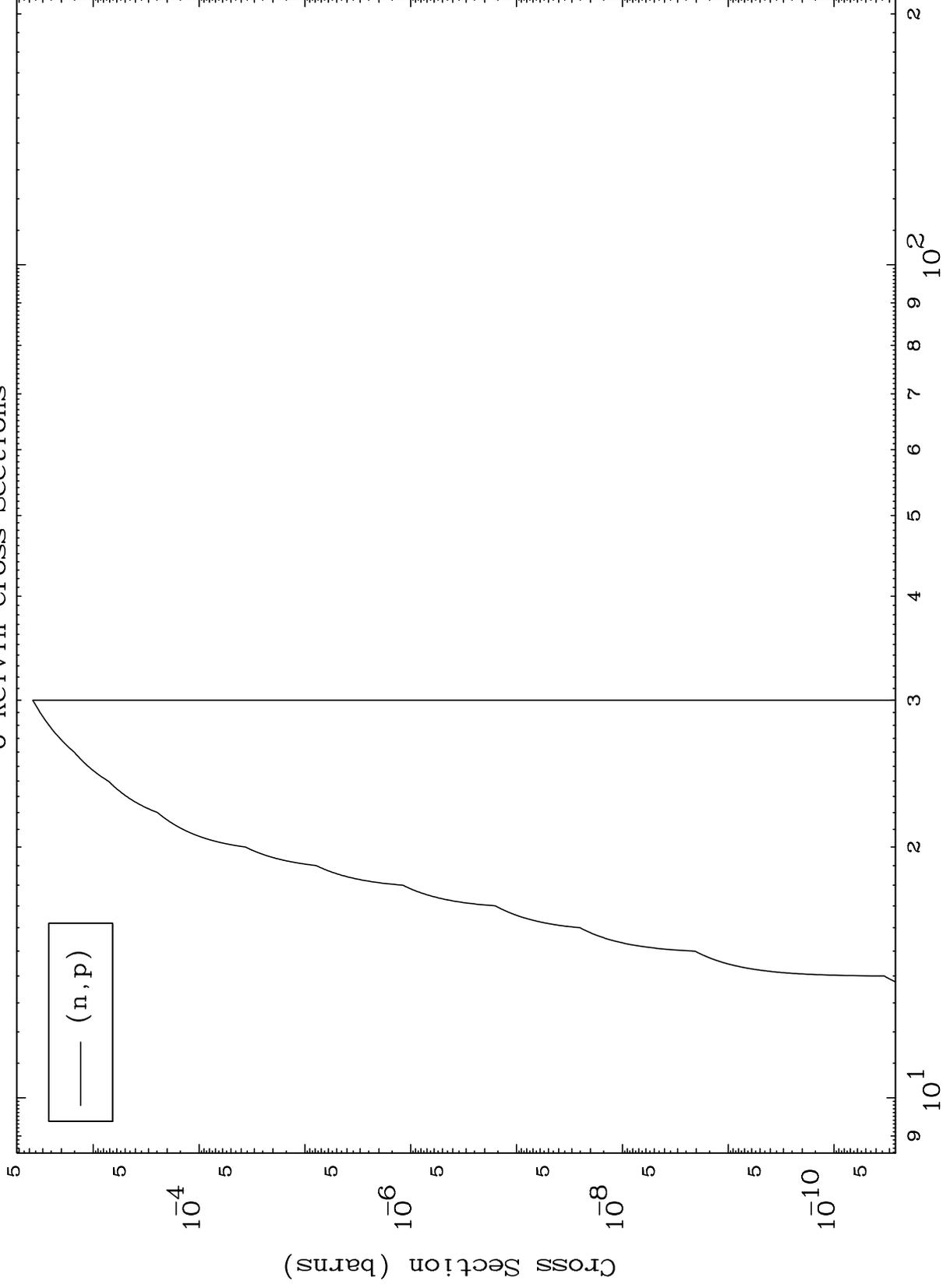
82-Pb-203m



MAT 8223

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-203m



Incident Energy (MeV)

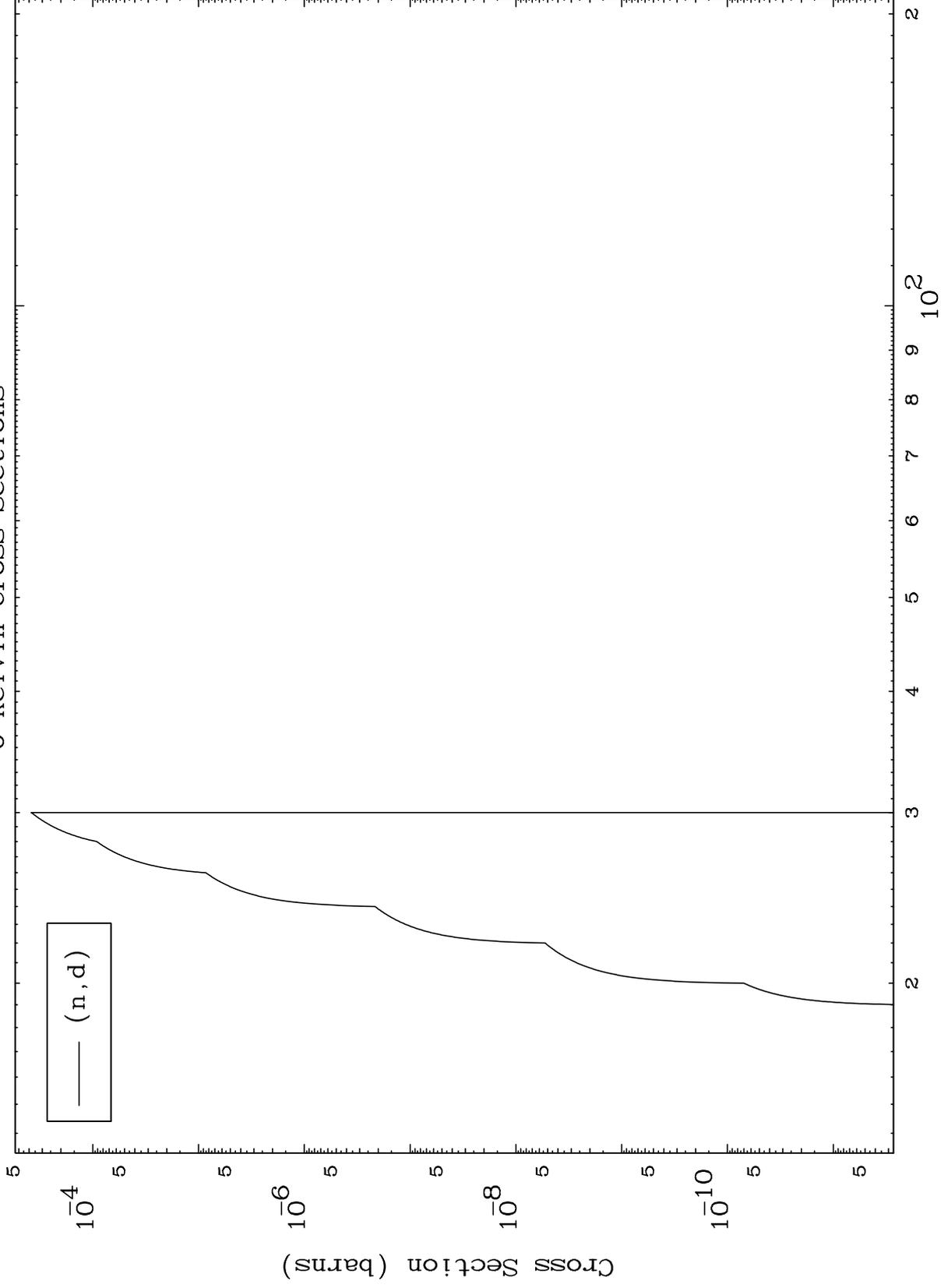
82-Pb-203m

6

MAT 8223

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-203m



7

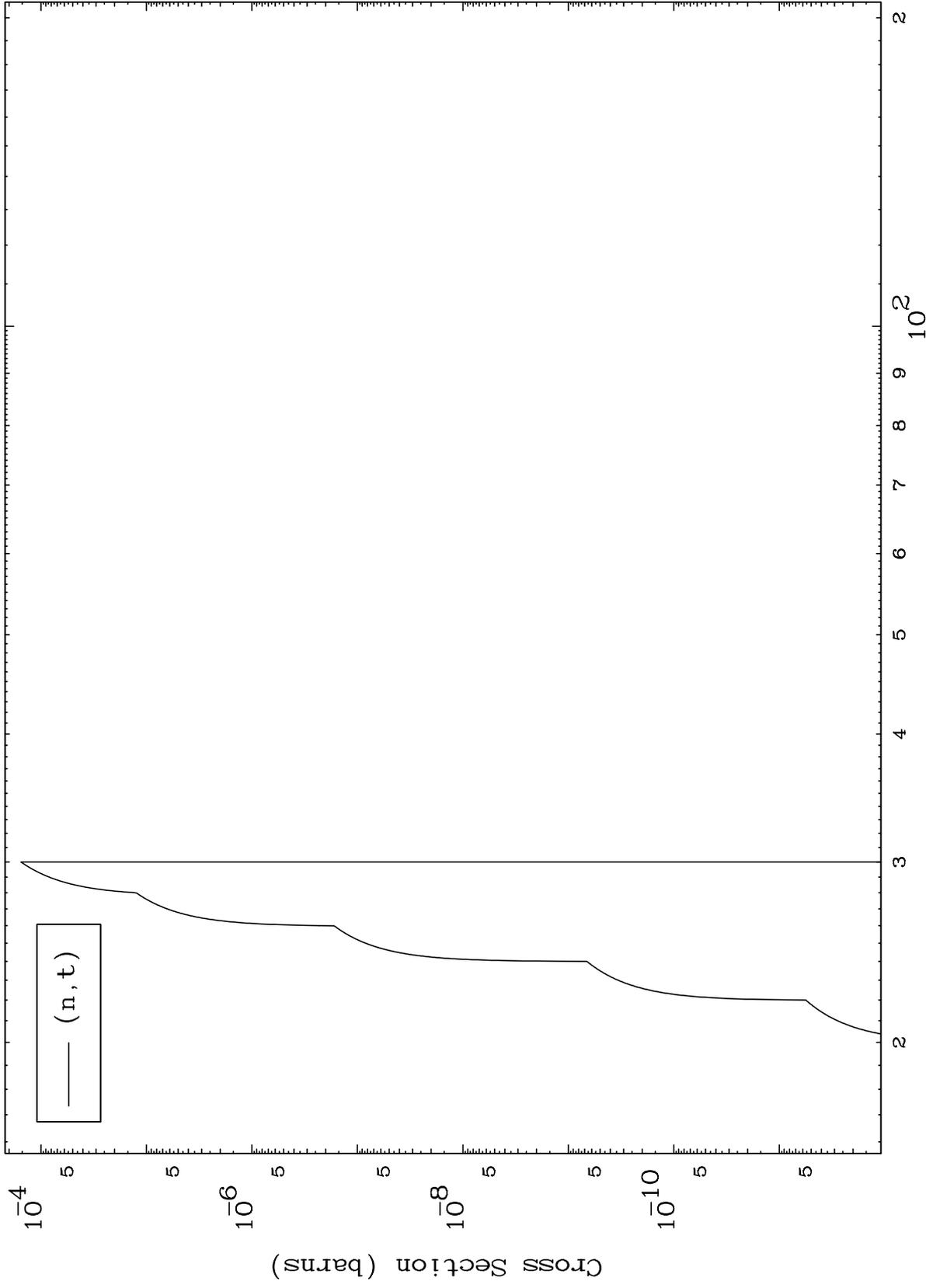
Incident Energy (MeV)

82-Pb-203m

MAT 8223

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-203m



8

Incident Energy (MeV)

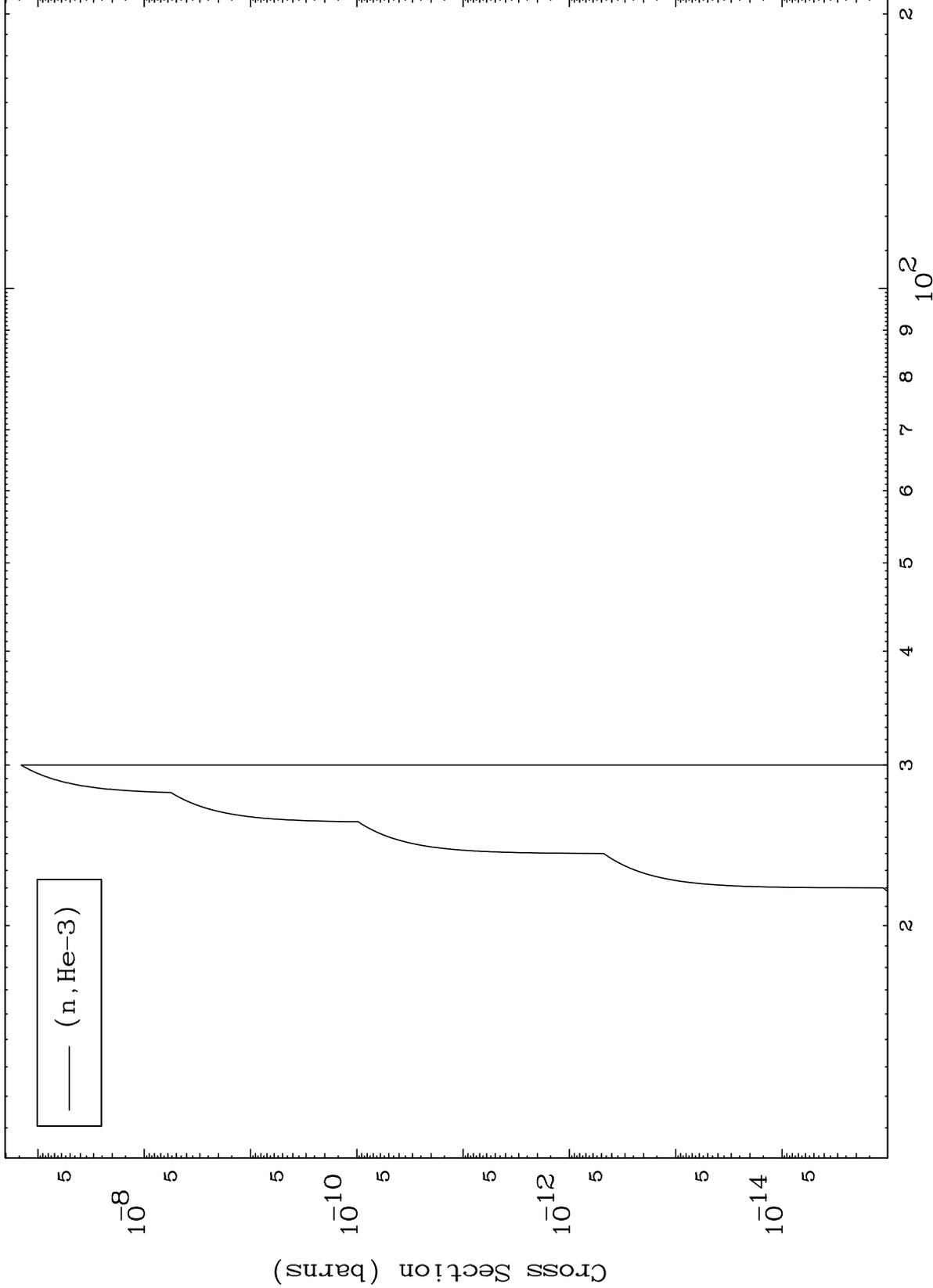
82-Pb-203m

MAT 8223

($\alpha, \text{He}3$) Levels

82-Pb-203m

0 Kelvin Cross Sections

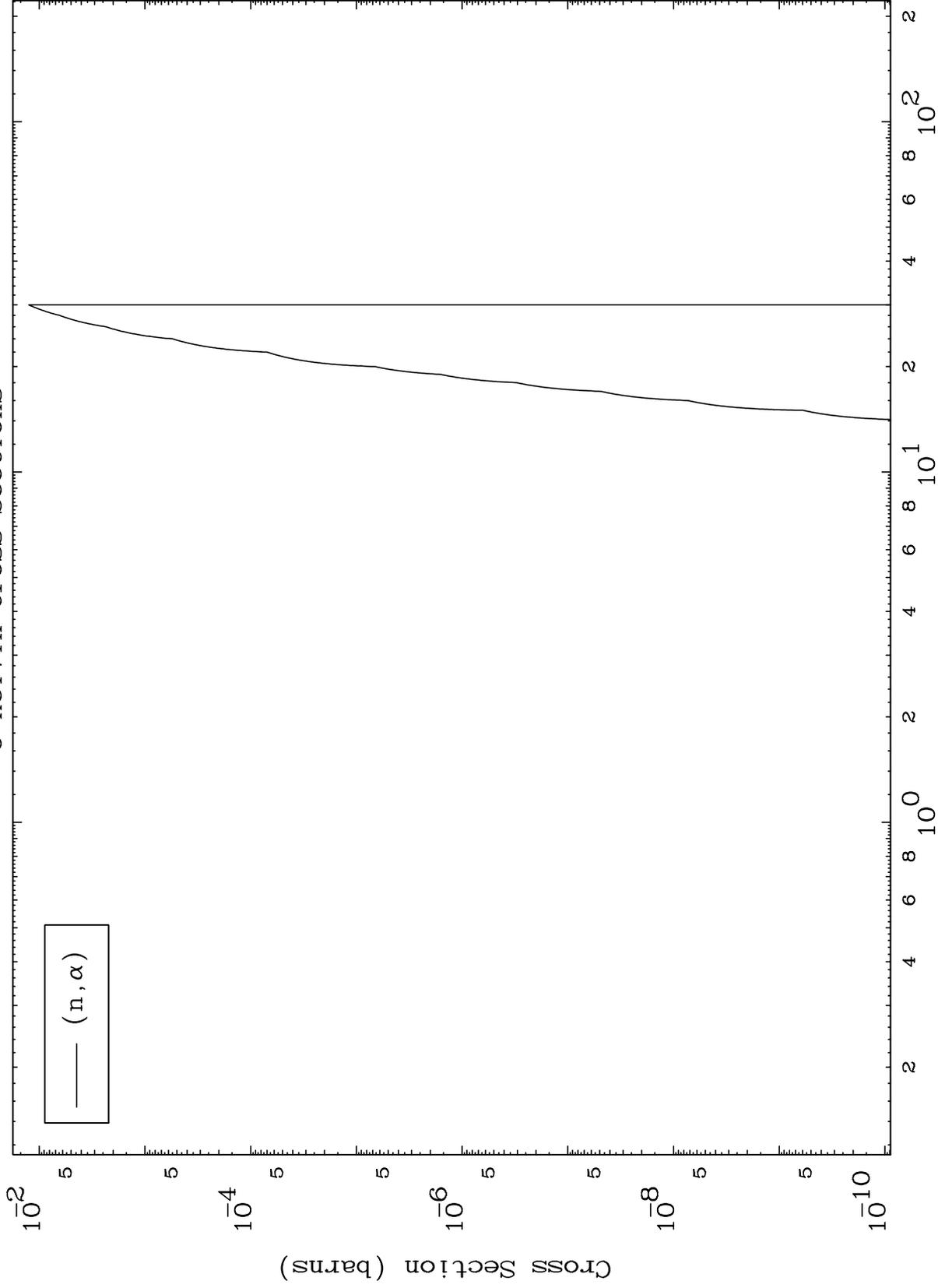


MAT 8223

(α, α) Levels

82-Pb-203m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

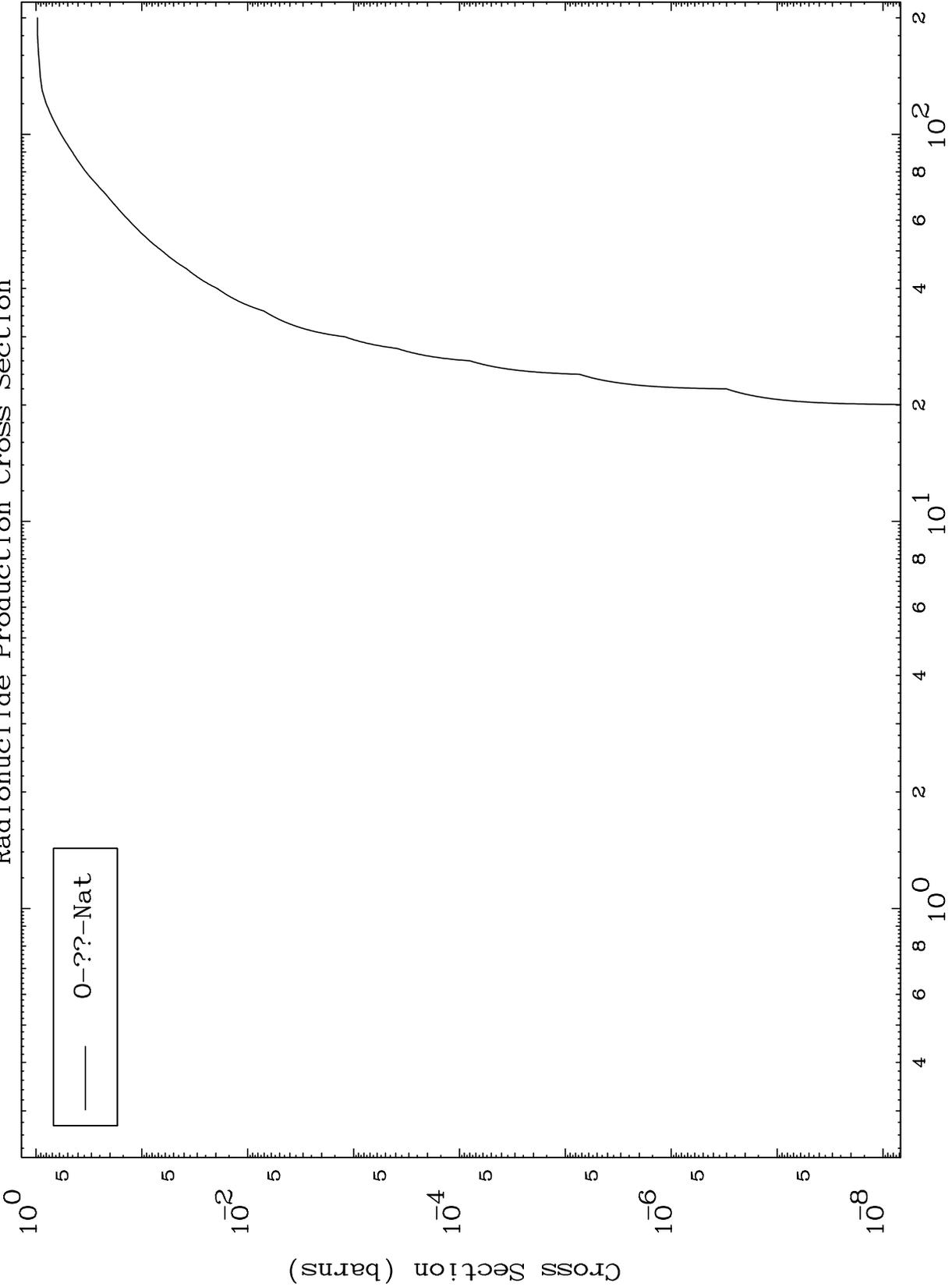
82-Pb-203m

MAT 8223

Fission

82-Pb-203m

Radionuclide Production Cross Section

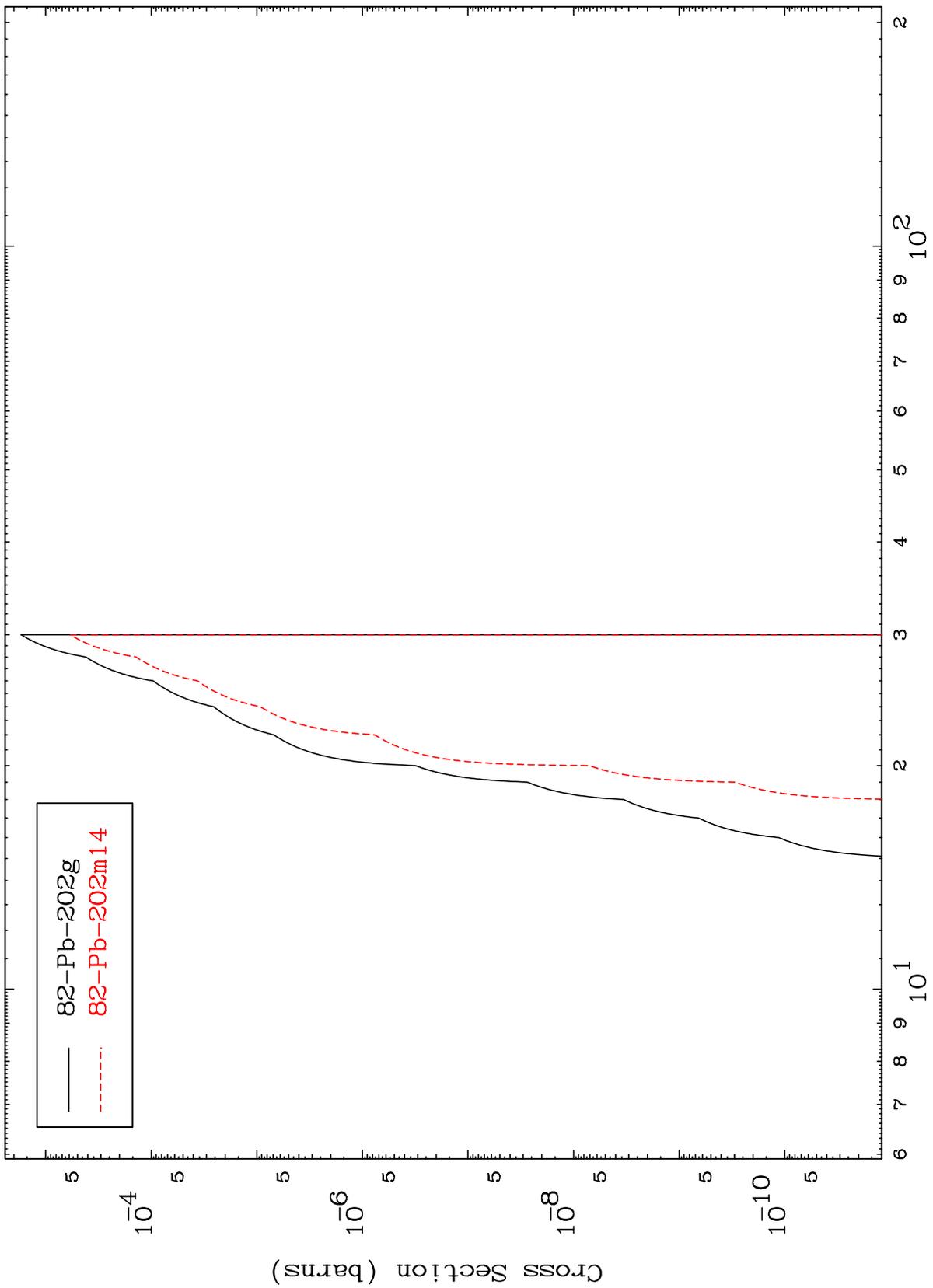


MAT 8223

$(n, n') \alpha$

82-Pb-203m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

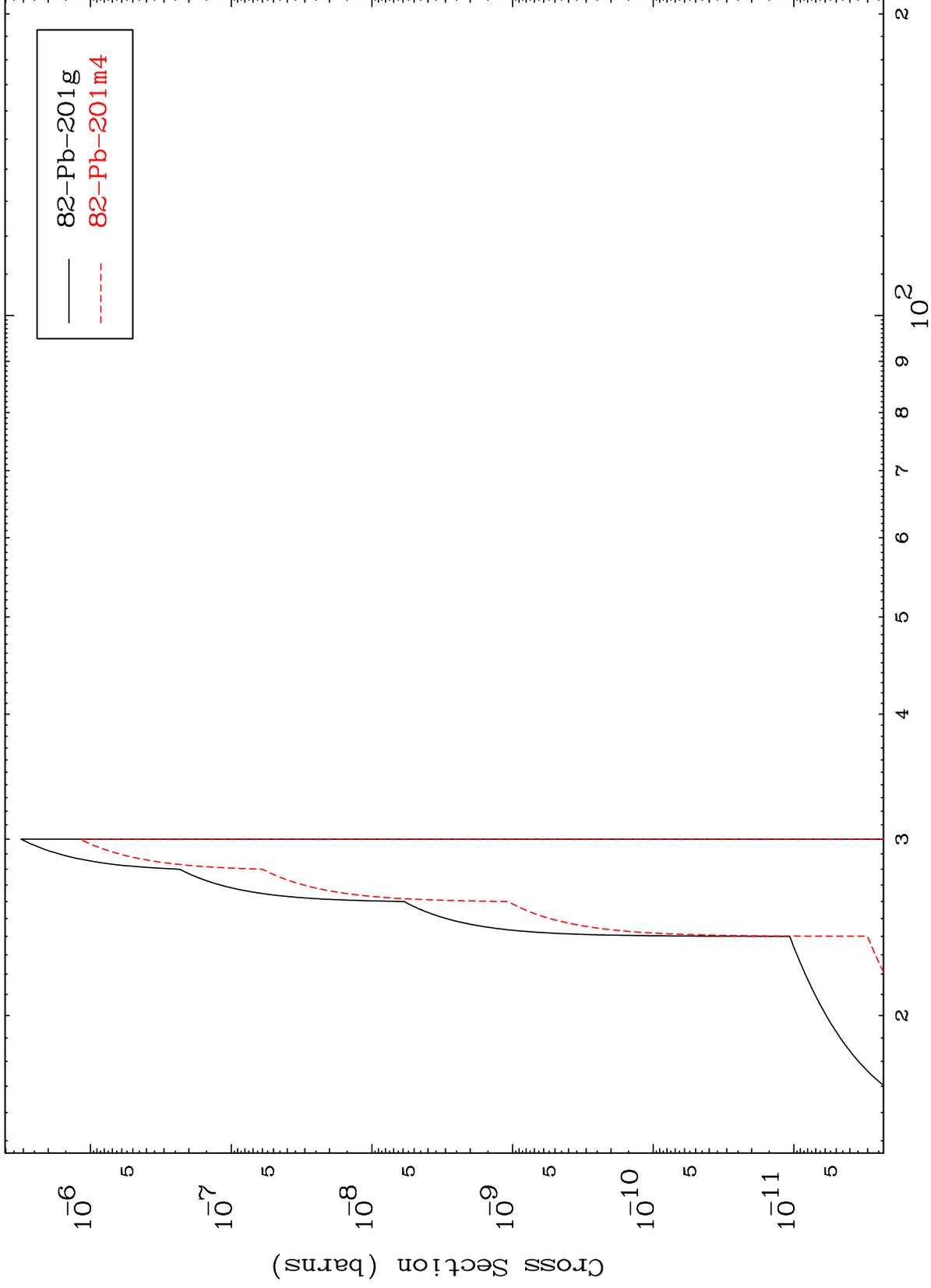
82-Pb-203m

MAT 82223

$(n,2n) \alpha$

82-Pb-203m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

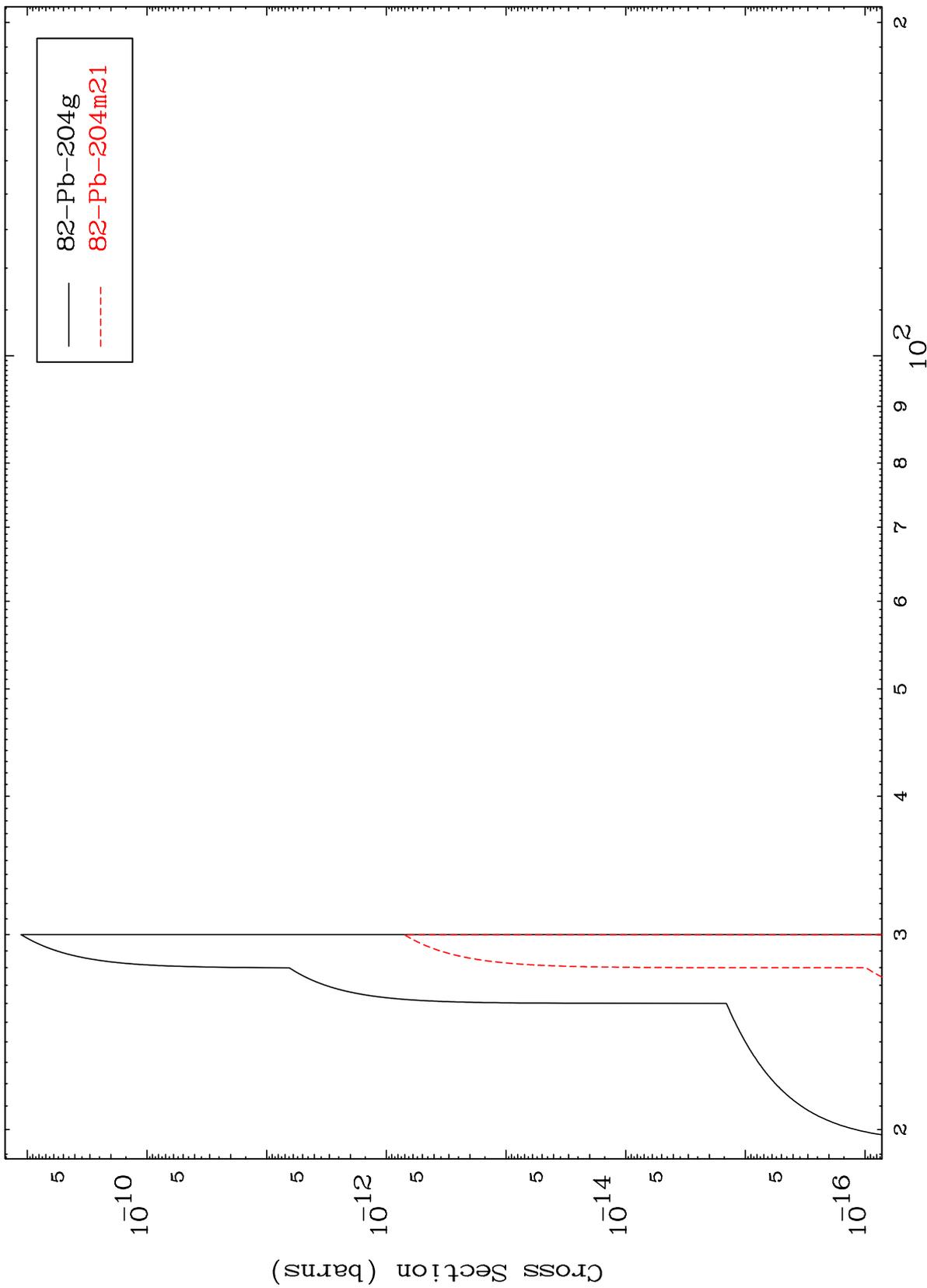
82-Pb-203m

MAT 8223

(n,2n) p

82-Pb-203m

Radionuclide Production Cross Section



14

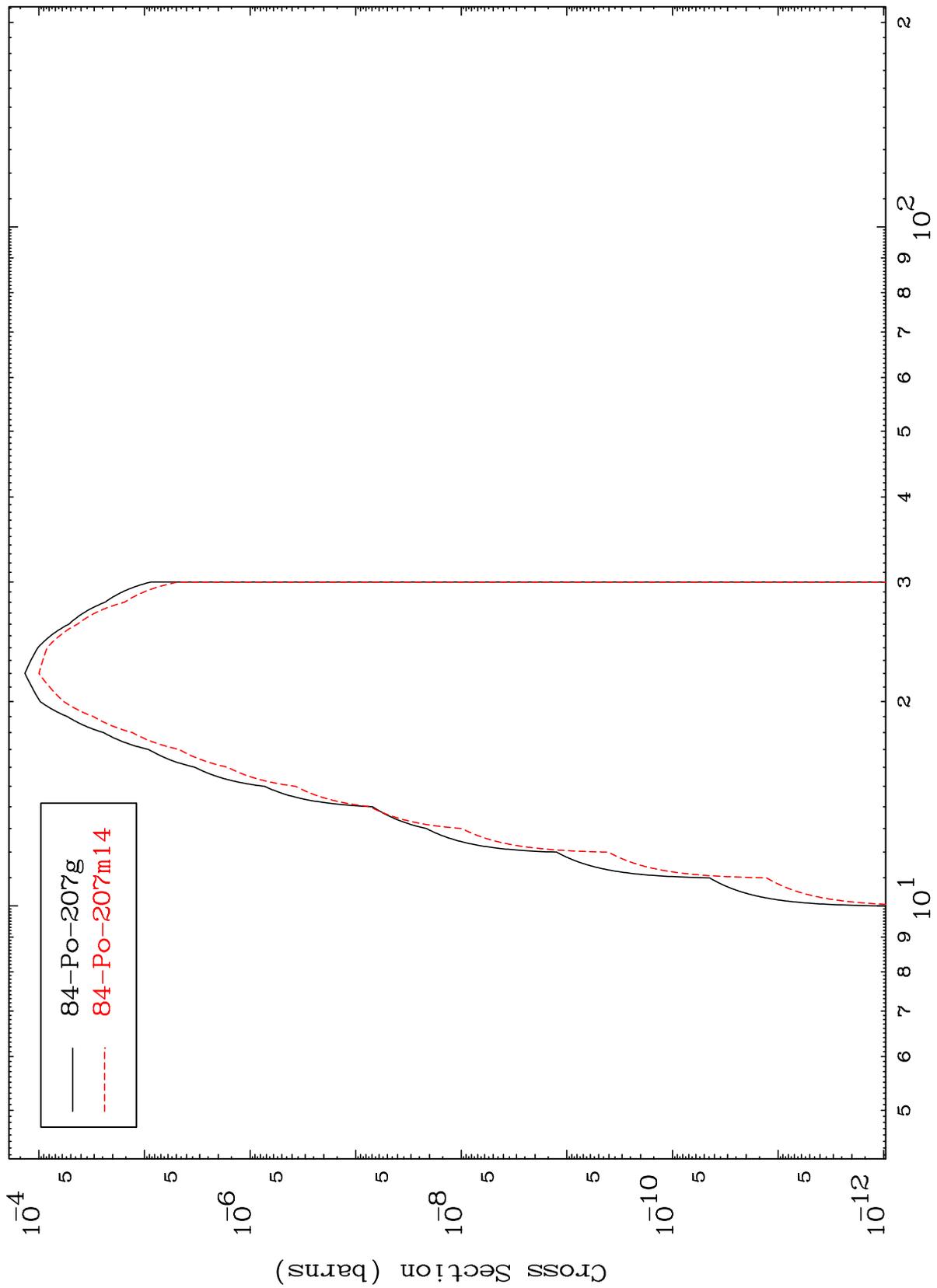
Incident Energy (MeV)

82-Pb-203m

MAT 8223

82-Pb-203m

(n, γ)
Radionuclide Production Cross Section



84-Po-207g
84-Po-207m14

82-Pb-203m

Incident Energy (MeV)

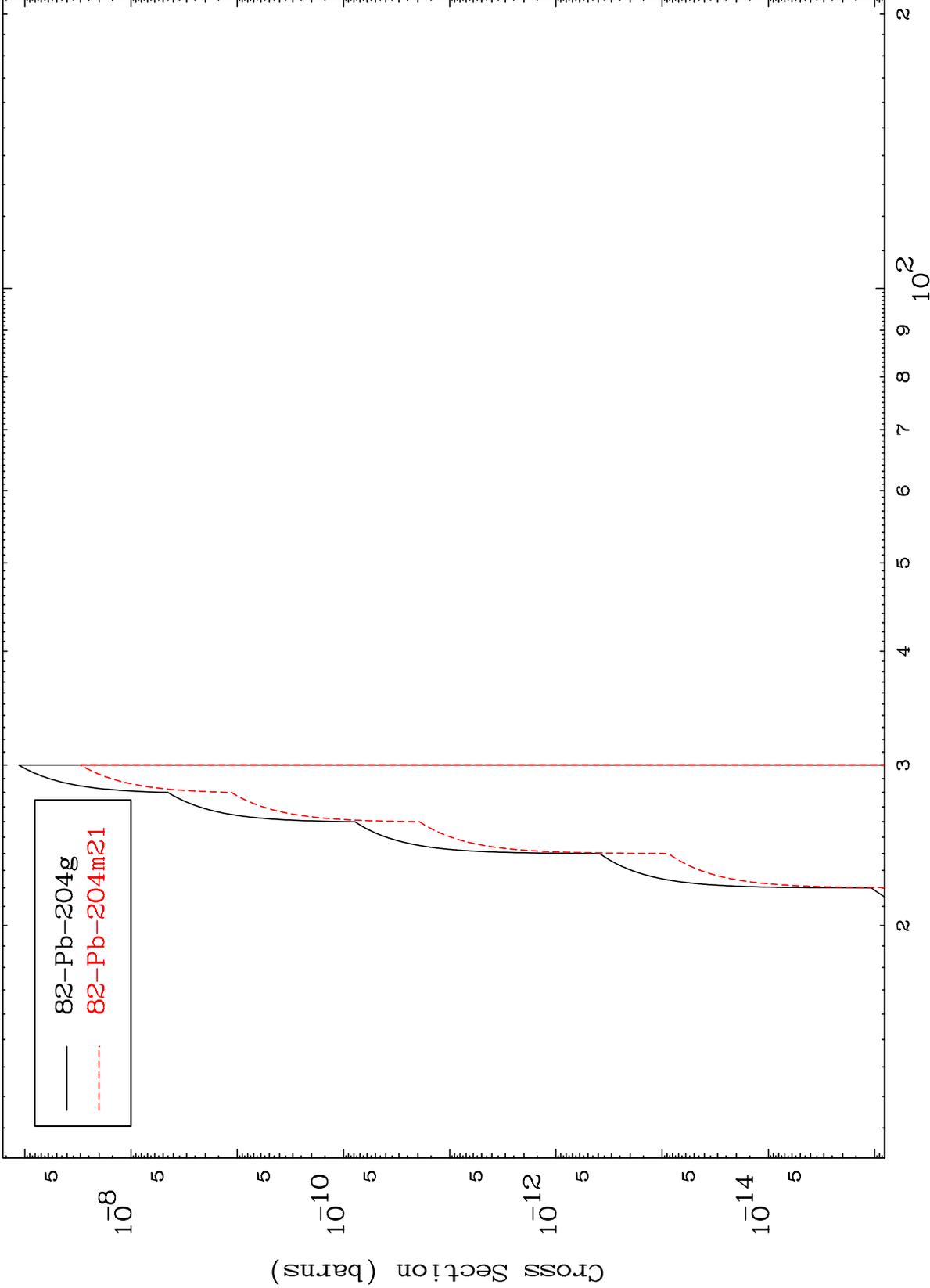
15

MAT 8223

(n,He-3)

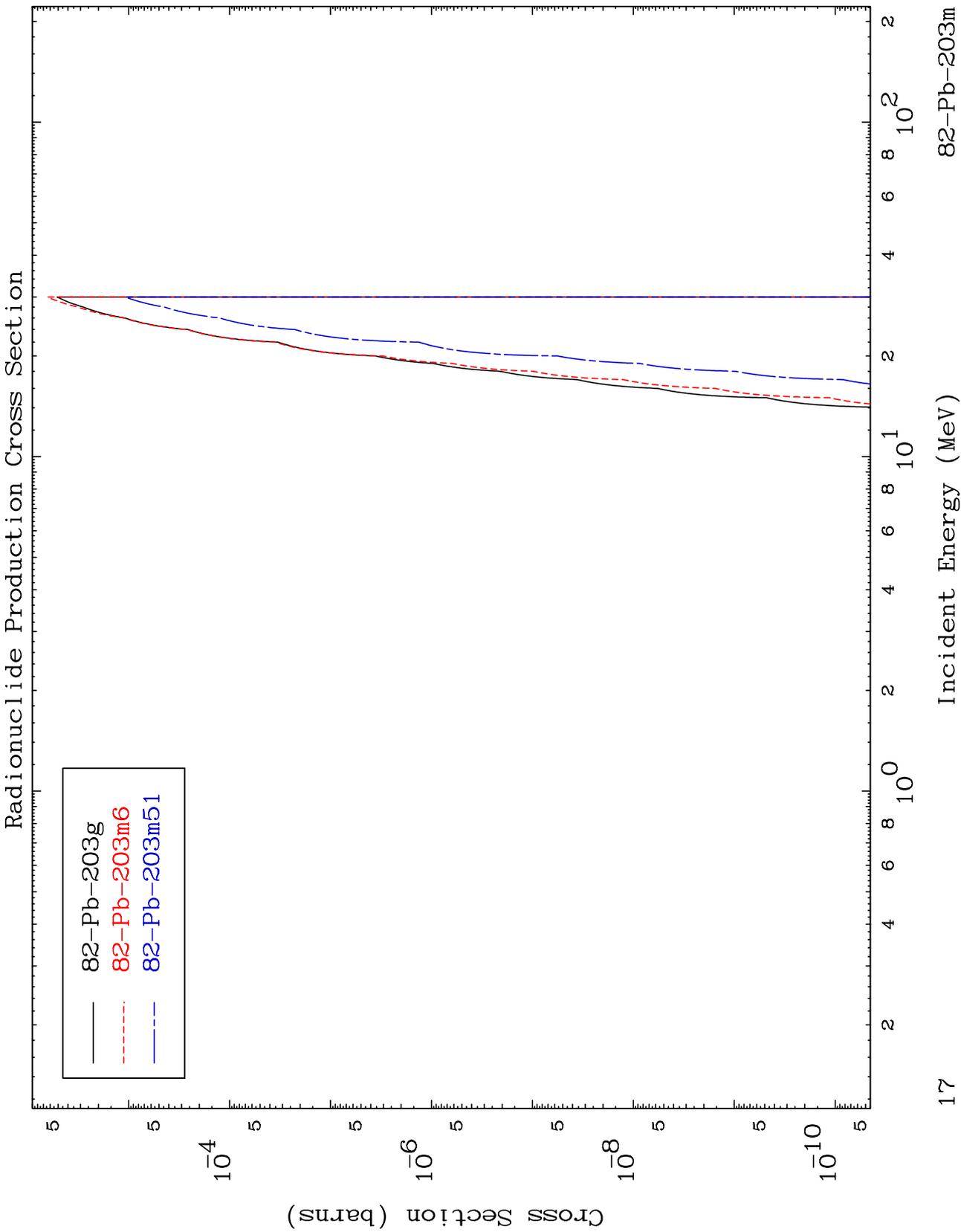
82-Pb-203m

Radionuclide Production Cross Section



MAT 8223

$^{82}\text{Pb-203m}$



$^{82}\text{Pb-203m}$