

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

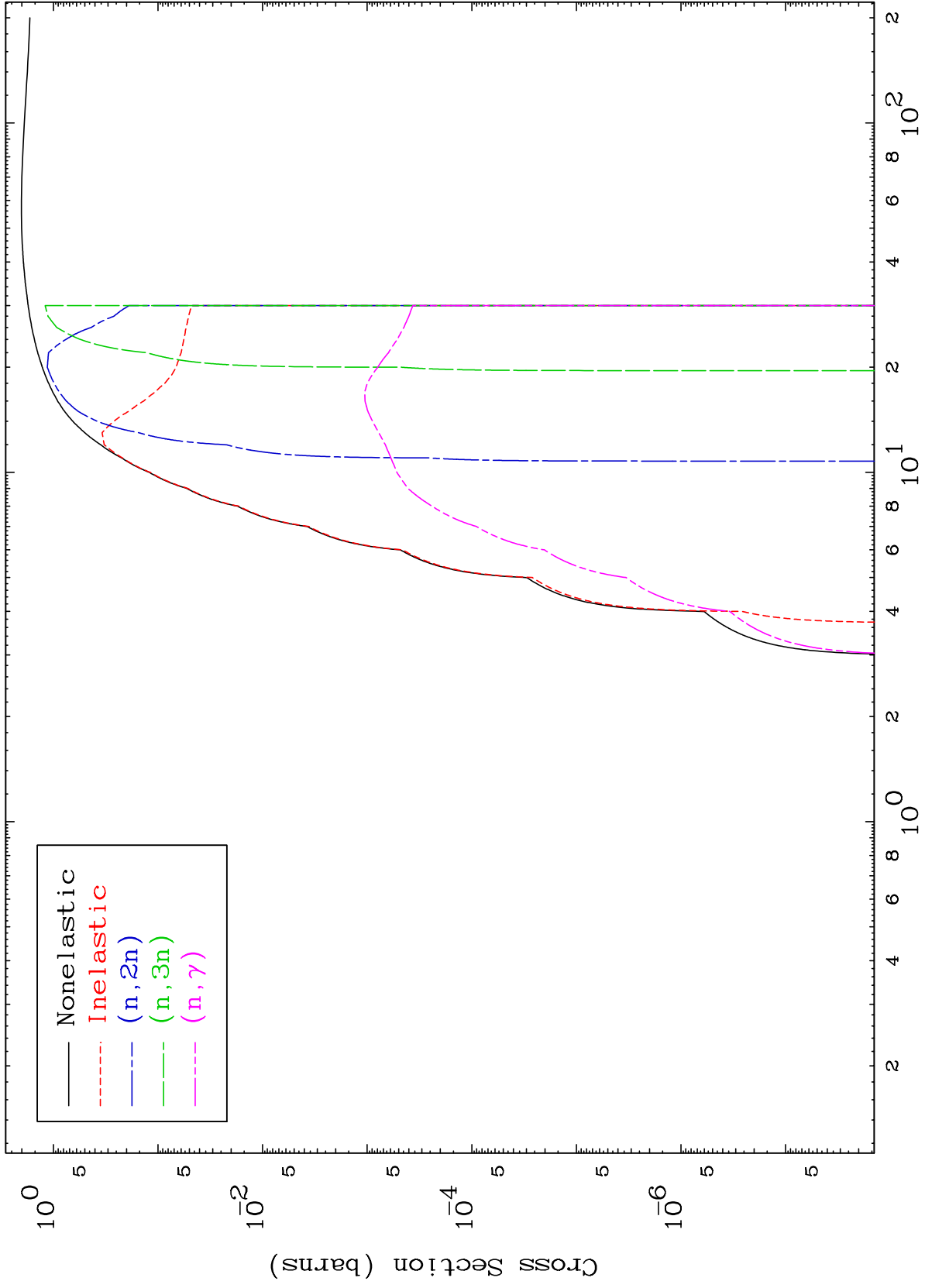
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

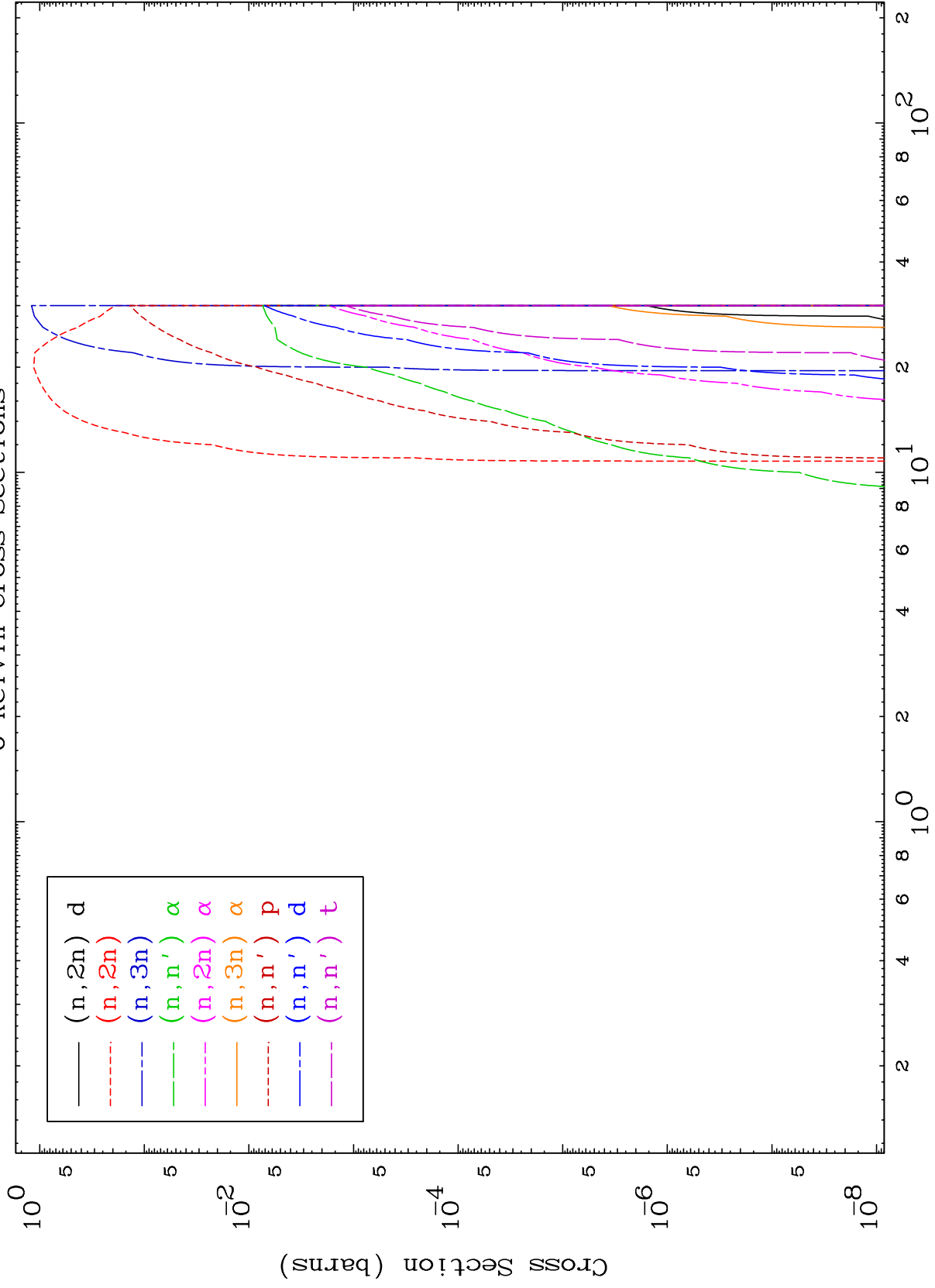
Tele: 925-443-1911

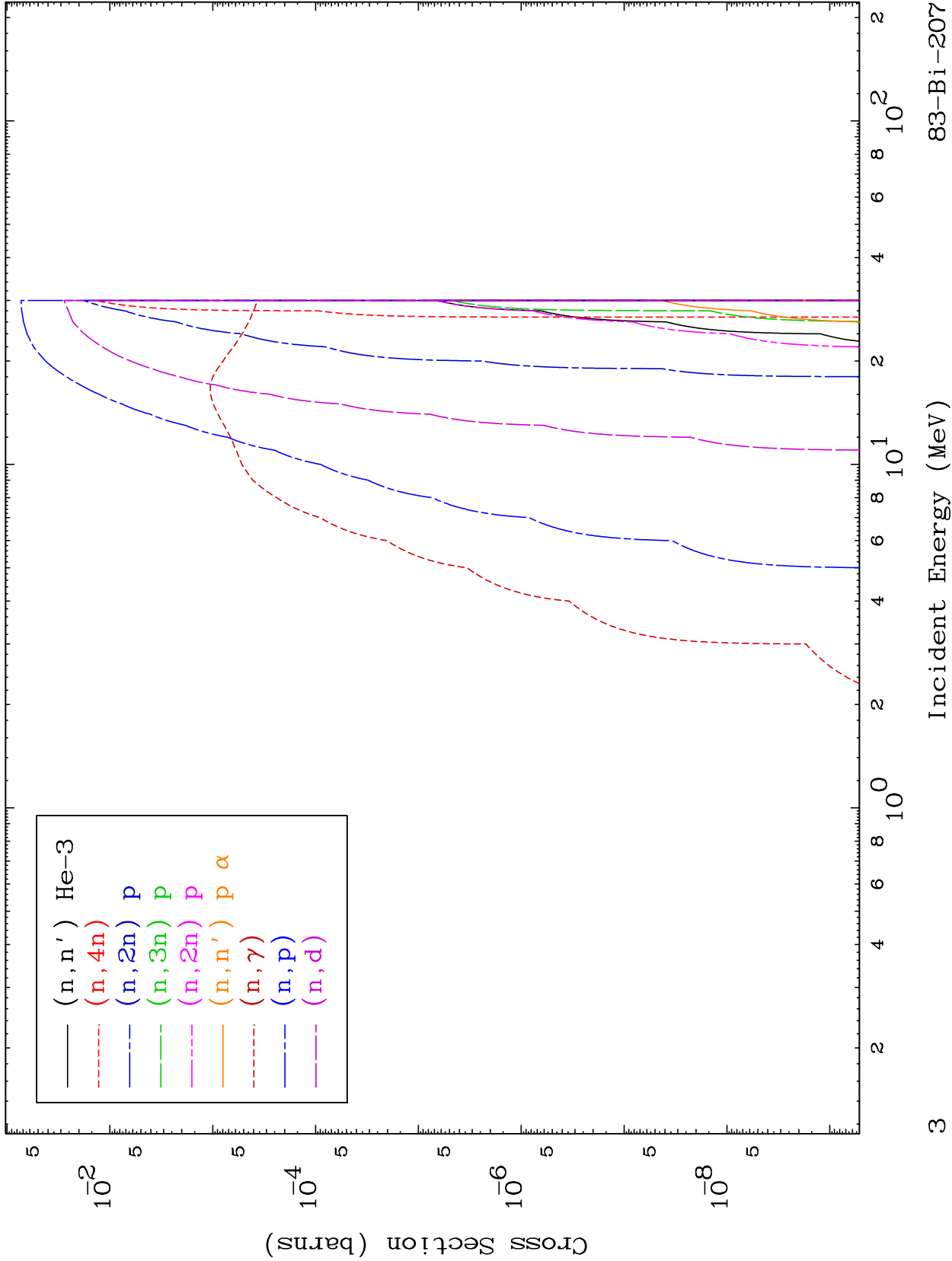
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



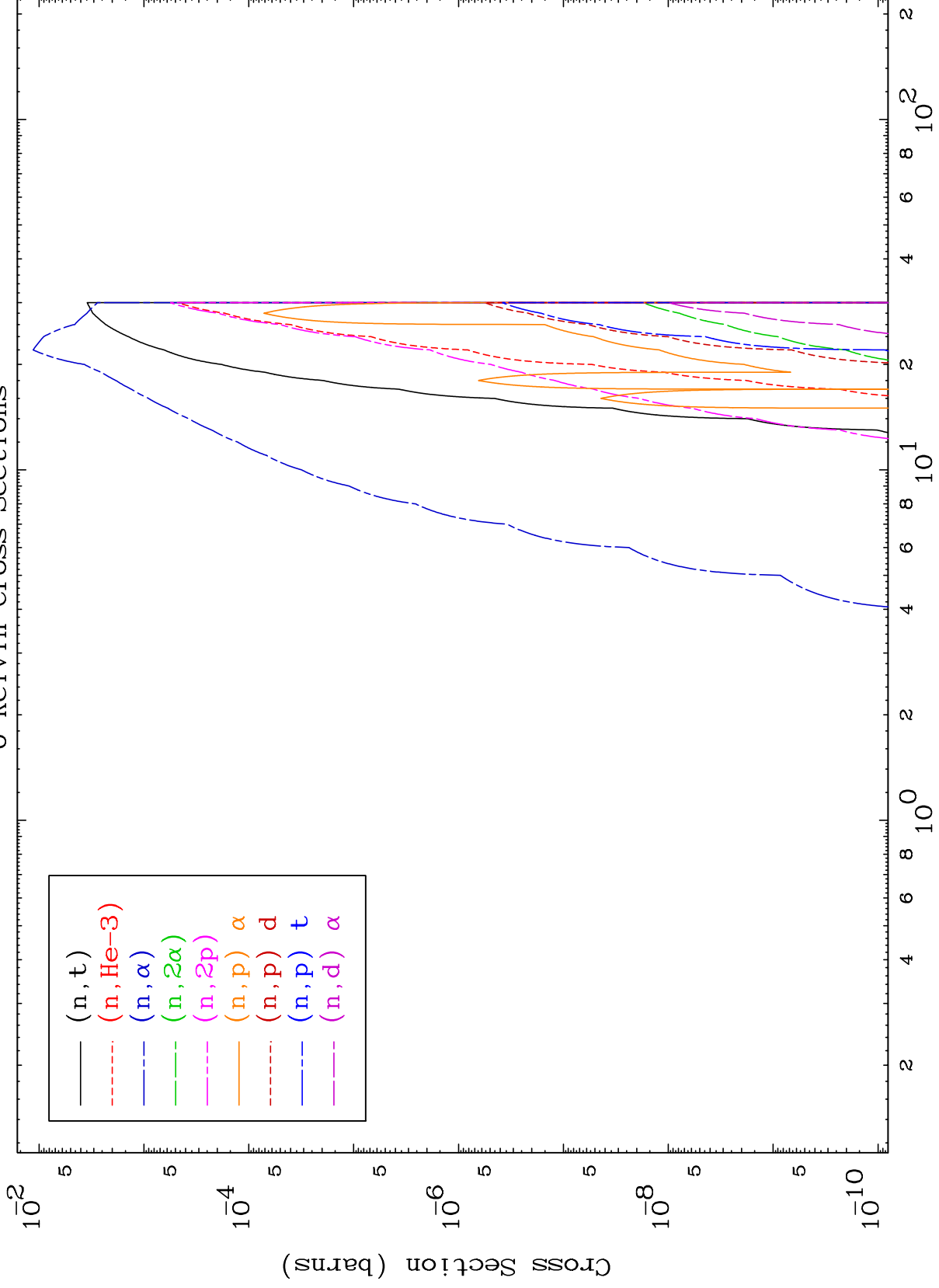


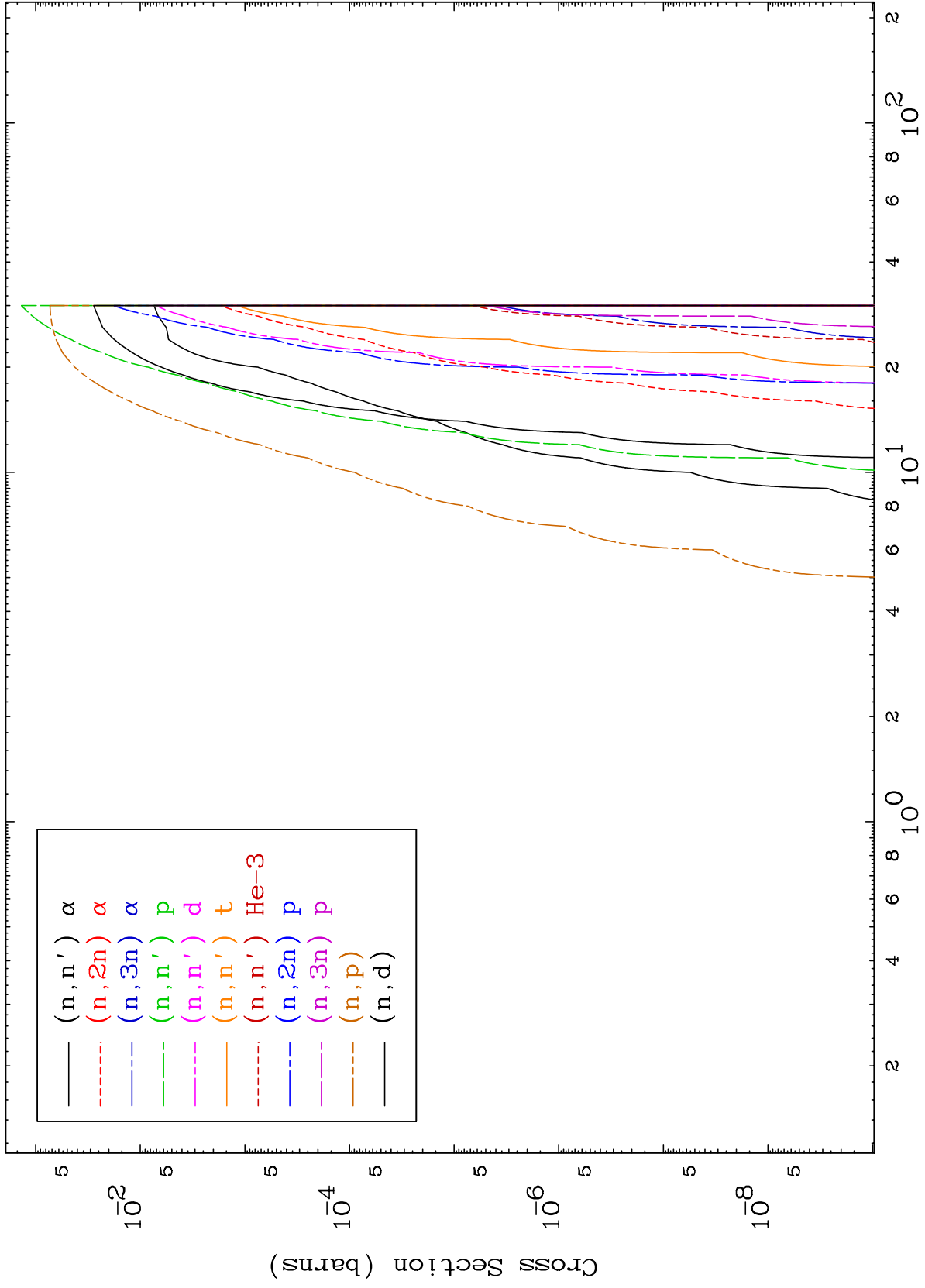


MAT 8319

Proton Neutron Absorption
0 Kelvin Cross Sections

83-Bi-207

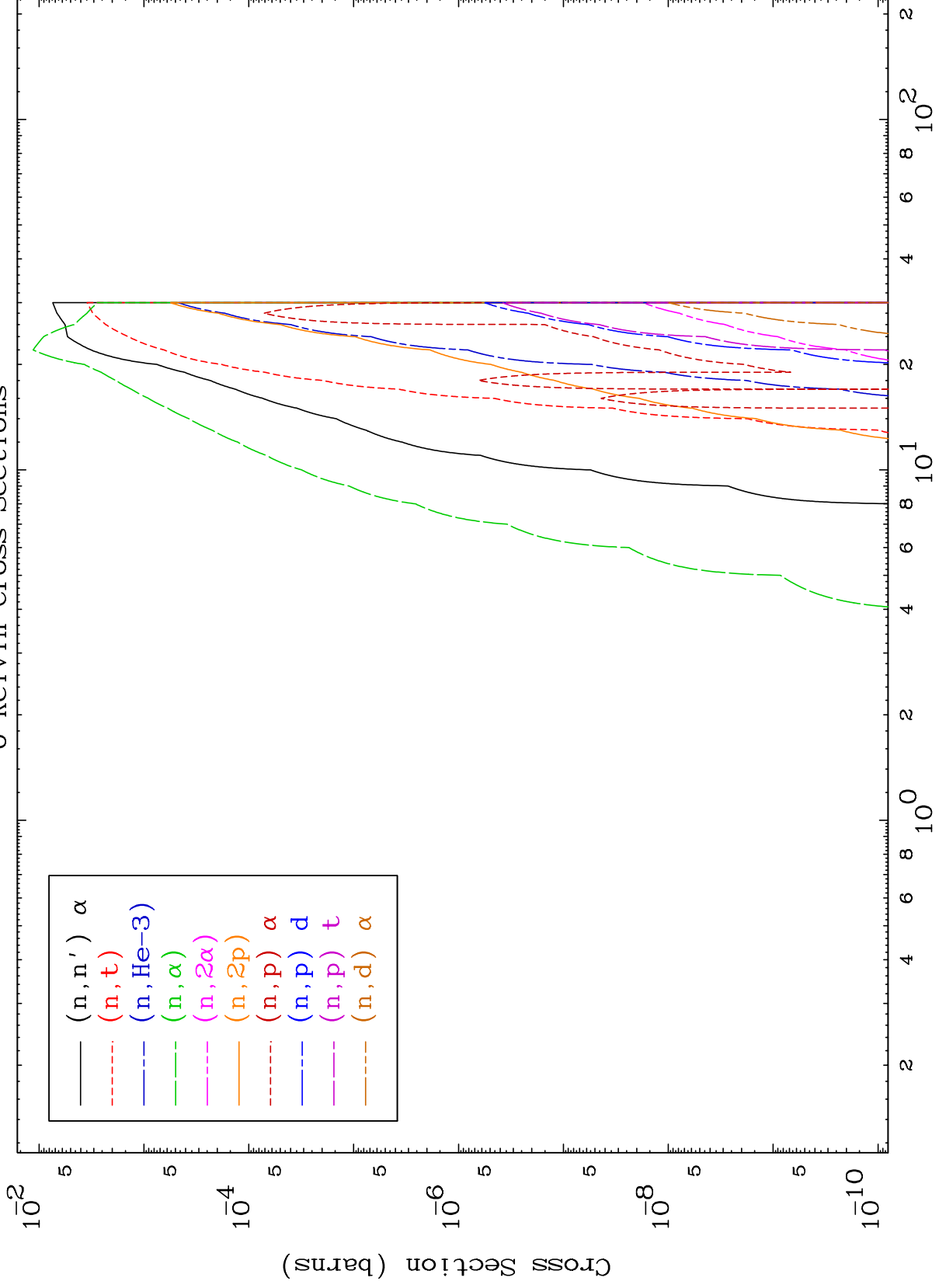




MAT 8319

Proton Charged Particle
0 Kelvin Cross Sections

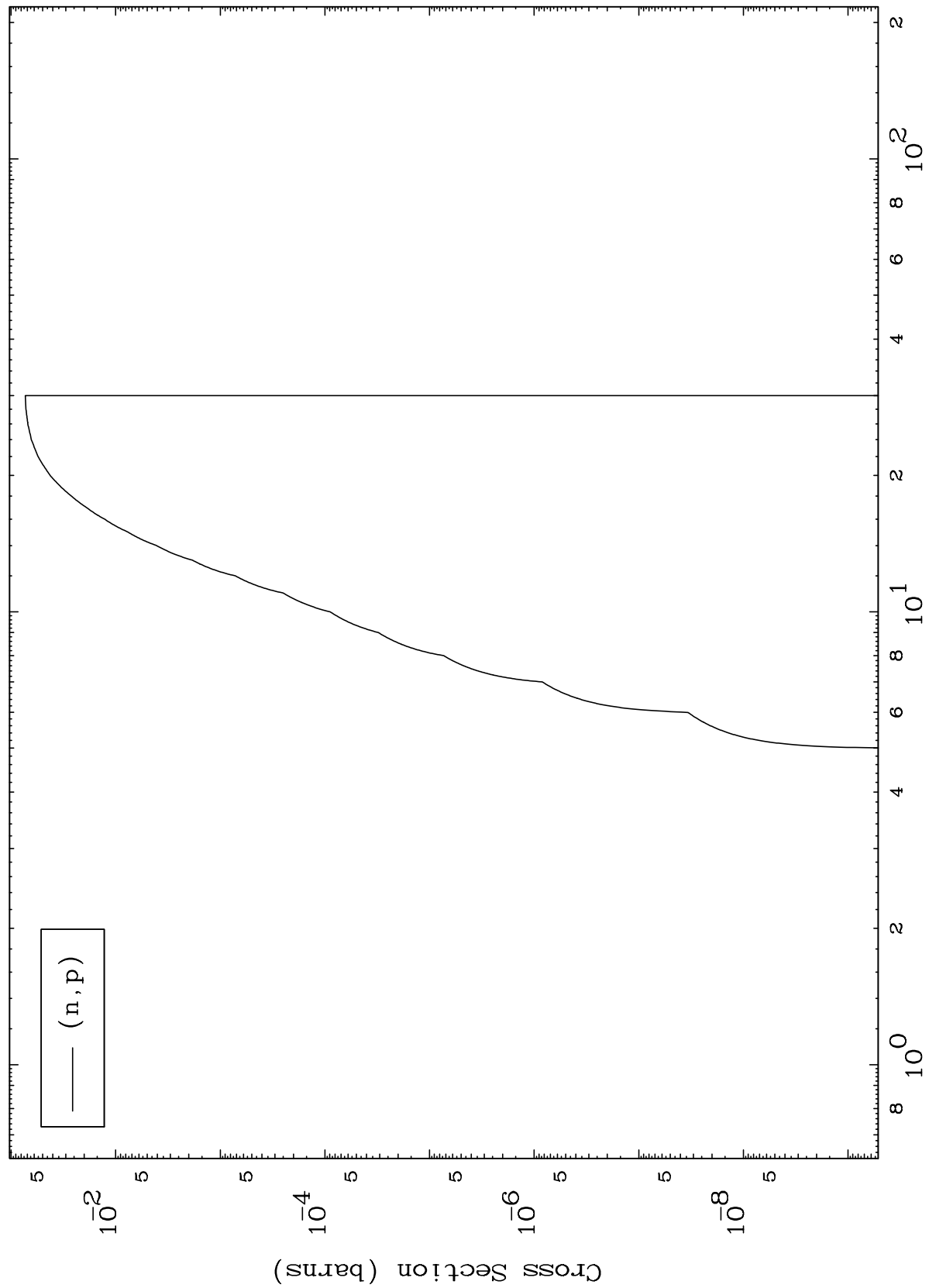
83-Bi-207



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83-Bi-207

(p,p) Levels
0 Kelvin Cross Sections



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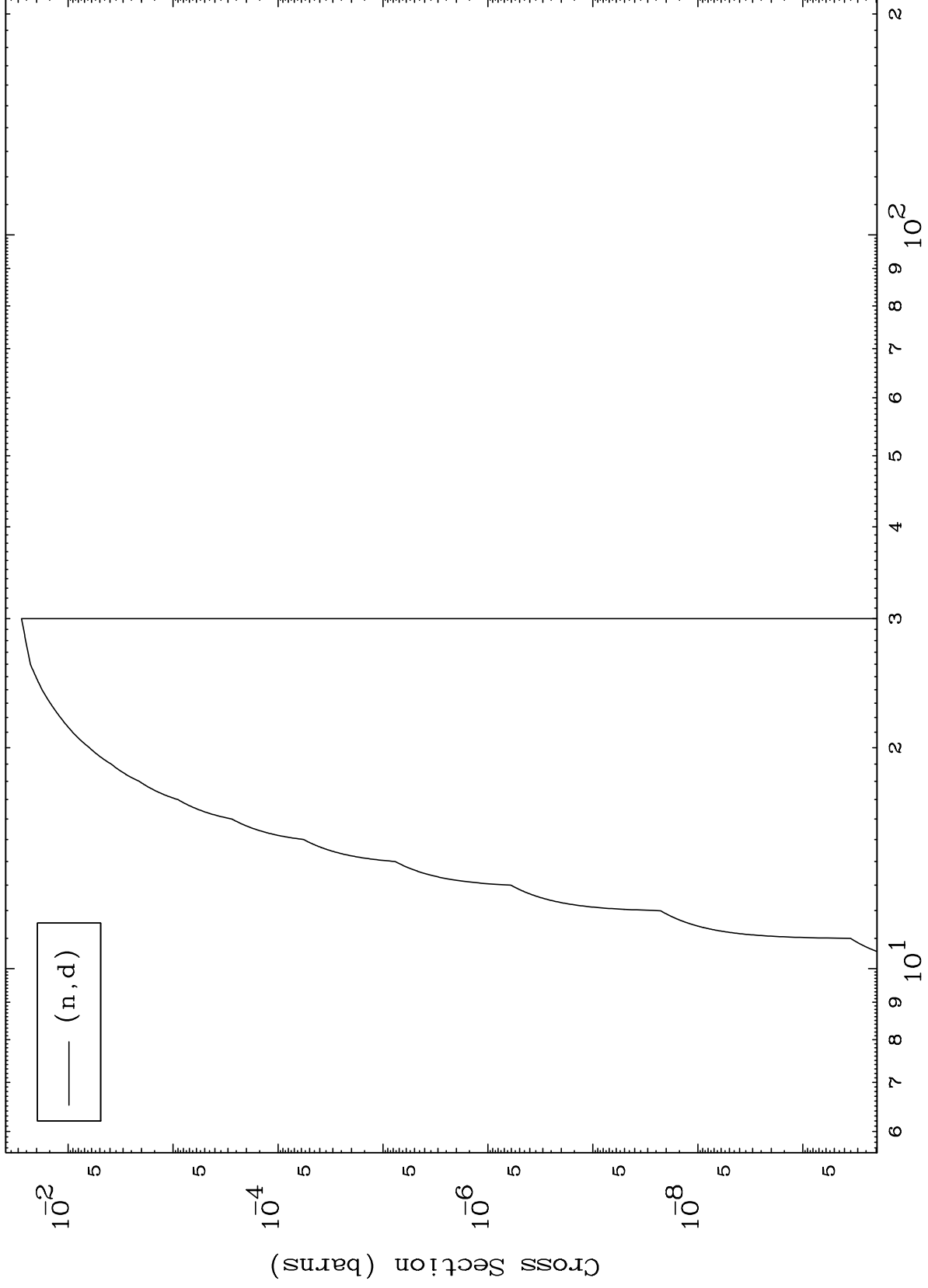
Incident Energy (MeV)

83-Bi-207

MAT 8319

(p,d) Levels
0 Kelvin Cross Sections

83-Bi-207



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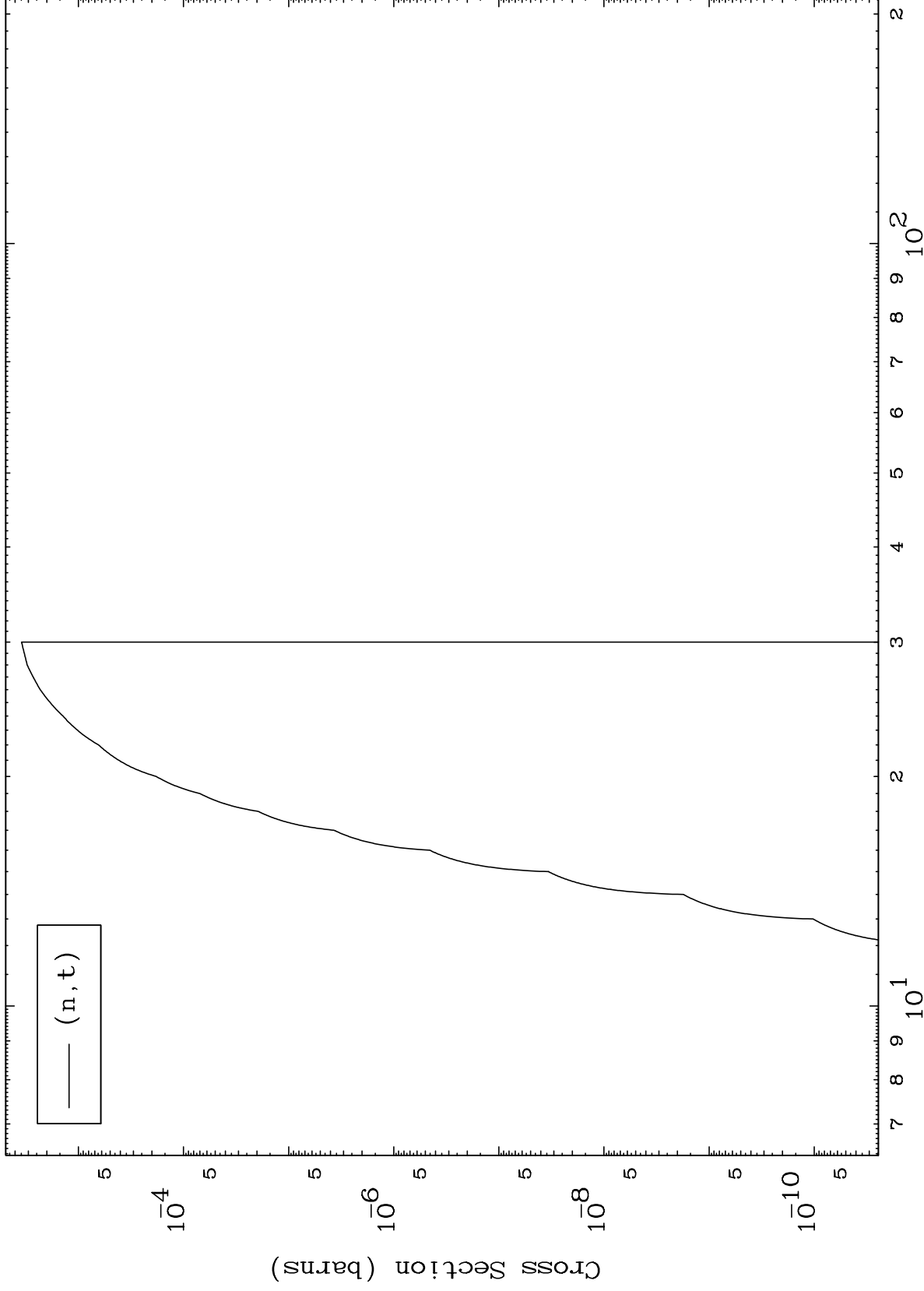
Incident Energy (MeV)

83-Bi-207

MAT 8319

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-207



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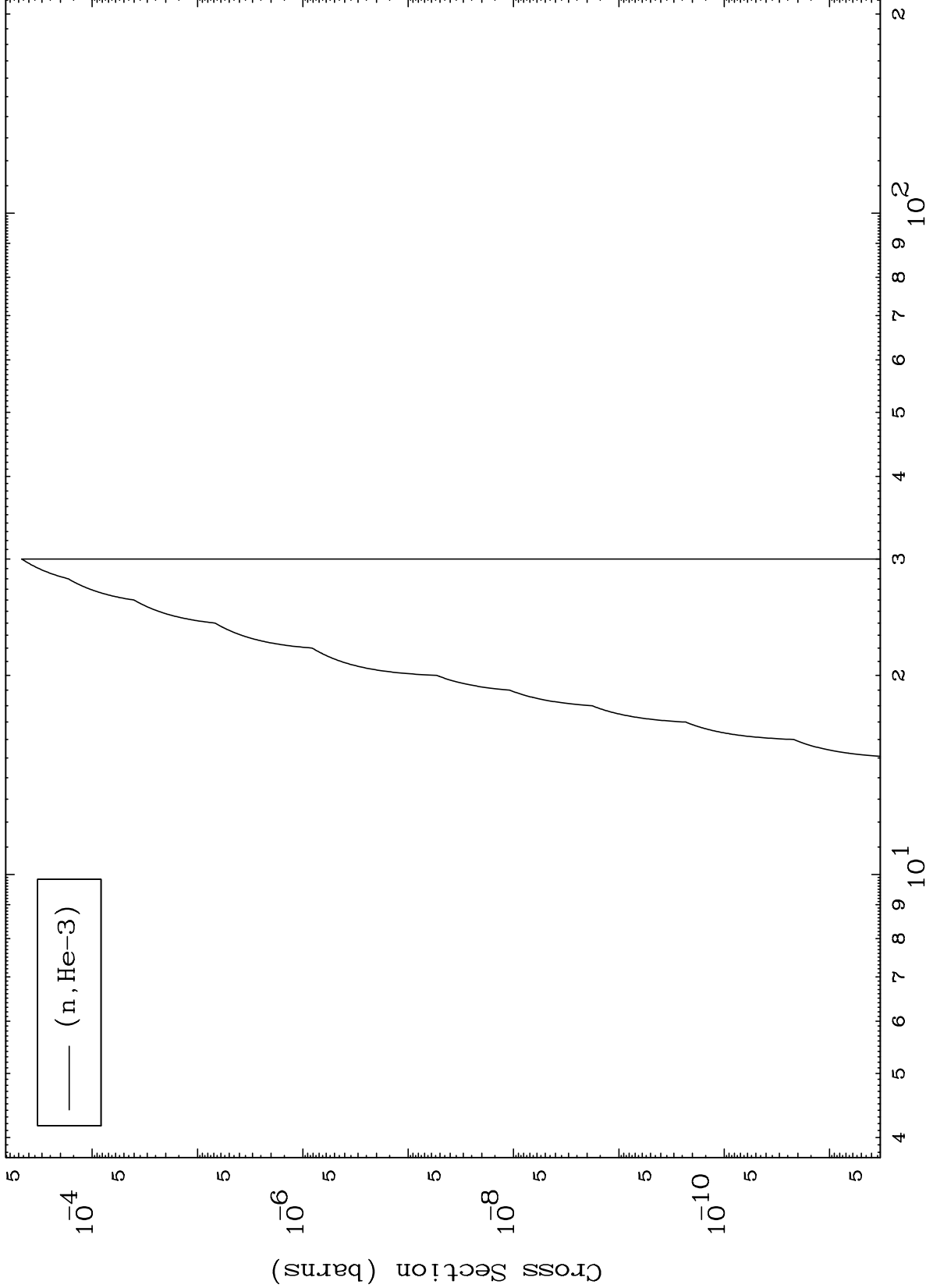
Incident Energy (MeV)

83-Bi-207

MAT 8319

(p,He3) Levels
0 Kelvin Cross Sections

83-Bi-207



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Incident Energy (MeV)

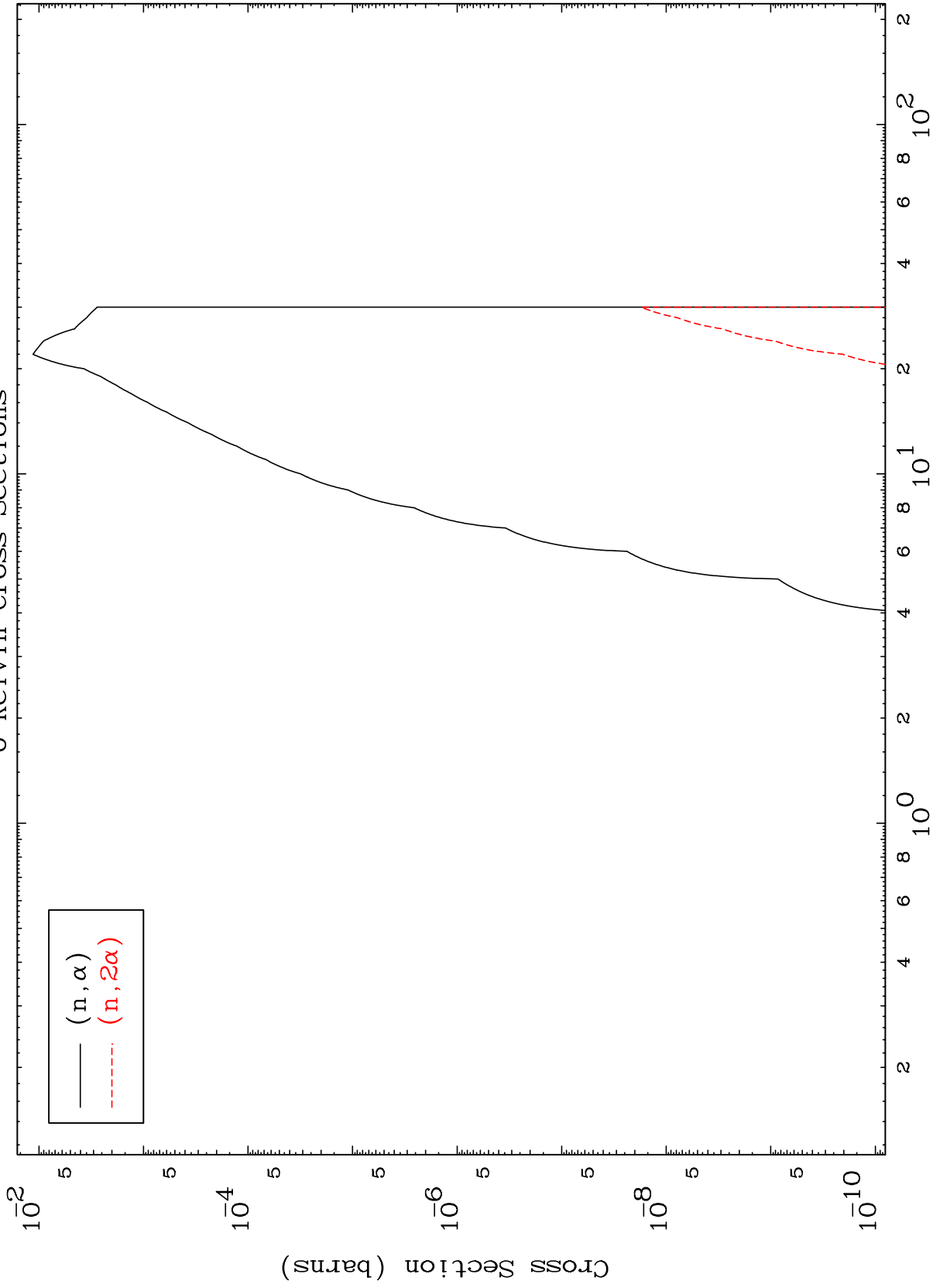
83-Bi-207

MAT 8319

(p, α) Levels

83-Bi-207

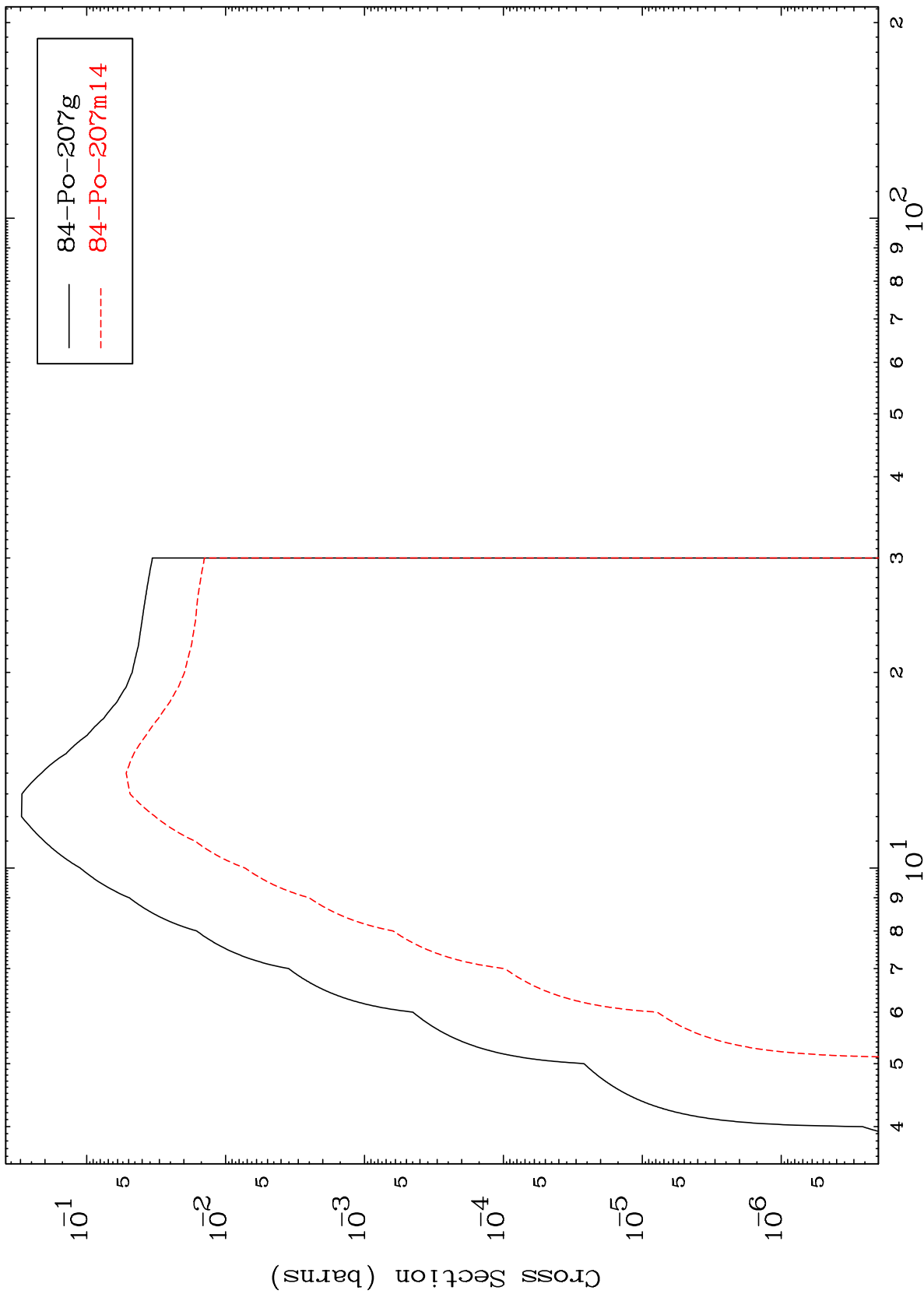
0 Kelvin Cross Sections



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83-Bi-207

Inelastic
Radionuclide Production Cross Section



83-Bi-207

Incident Energy (MeV)

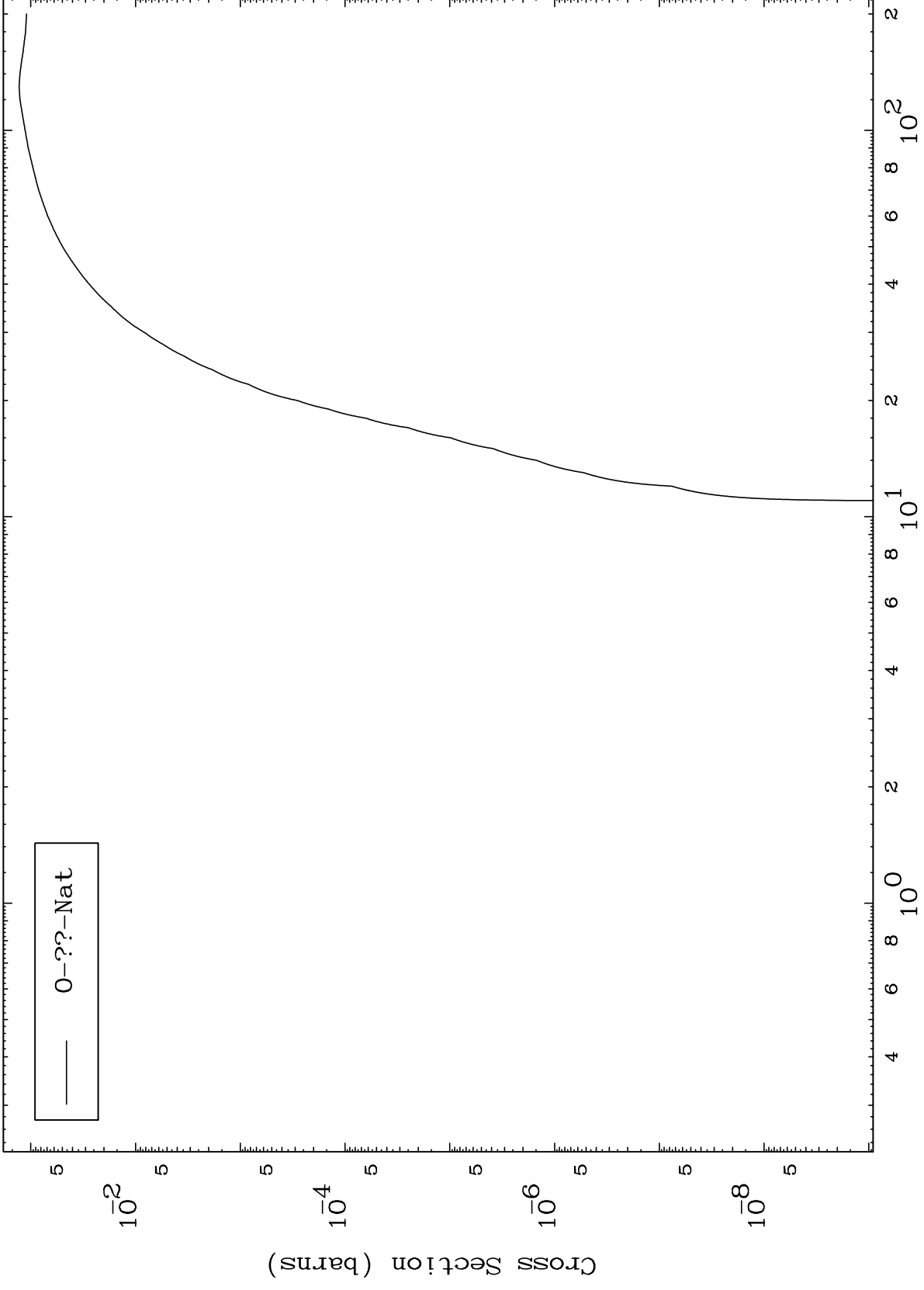
12

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Fission

83-Bi-207

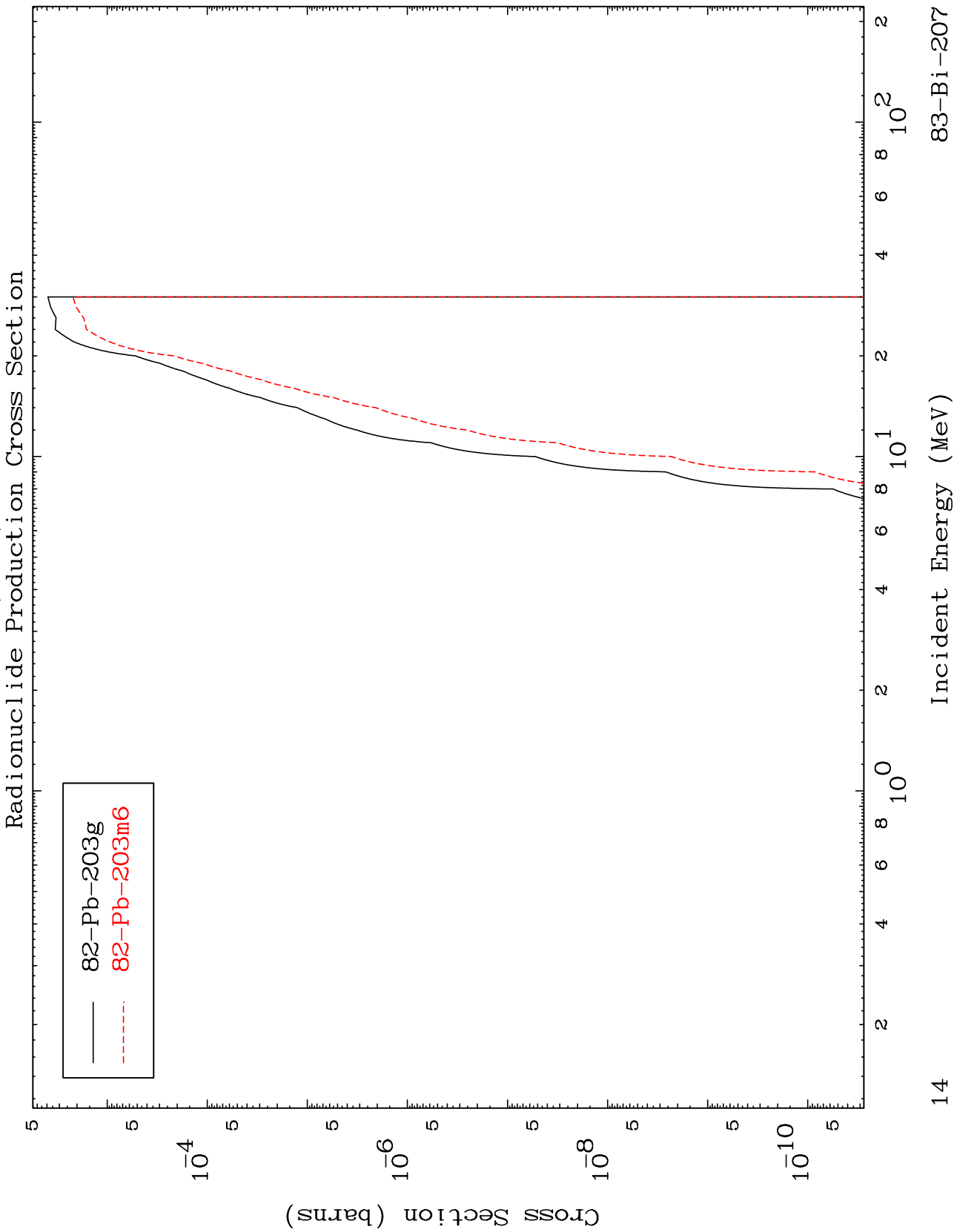
Radionuclide Production Cross Section



MAT 8319

$(n, n') \alpha$

83-Bi-207



14

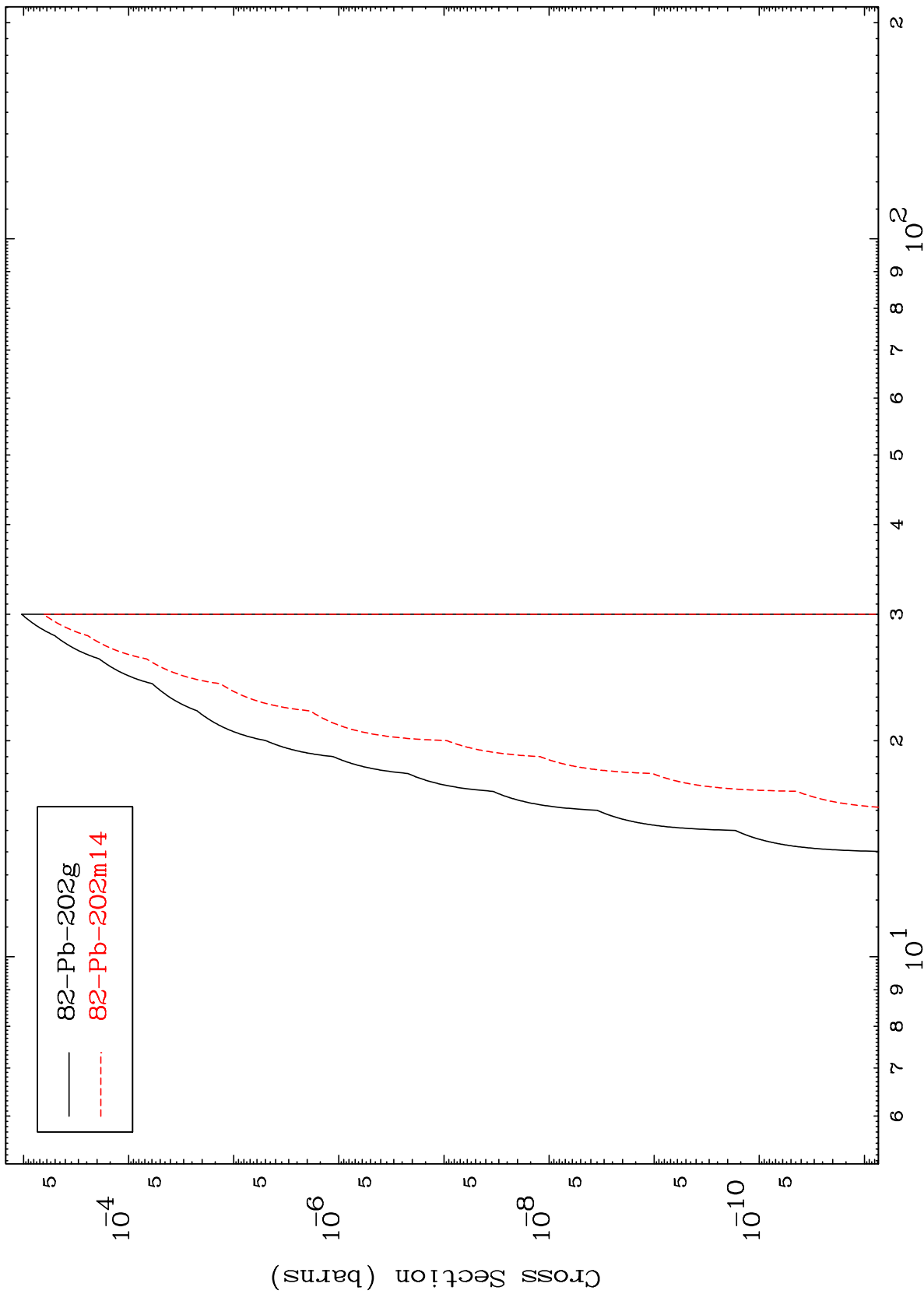
83-Bi-207

MAT 8319

$(n,2n) \alpha$

83-Bi-207

Radionuclide Production Cross Section



15

Incident Energy (MeV)

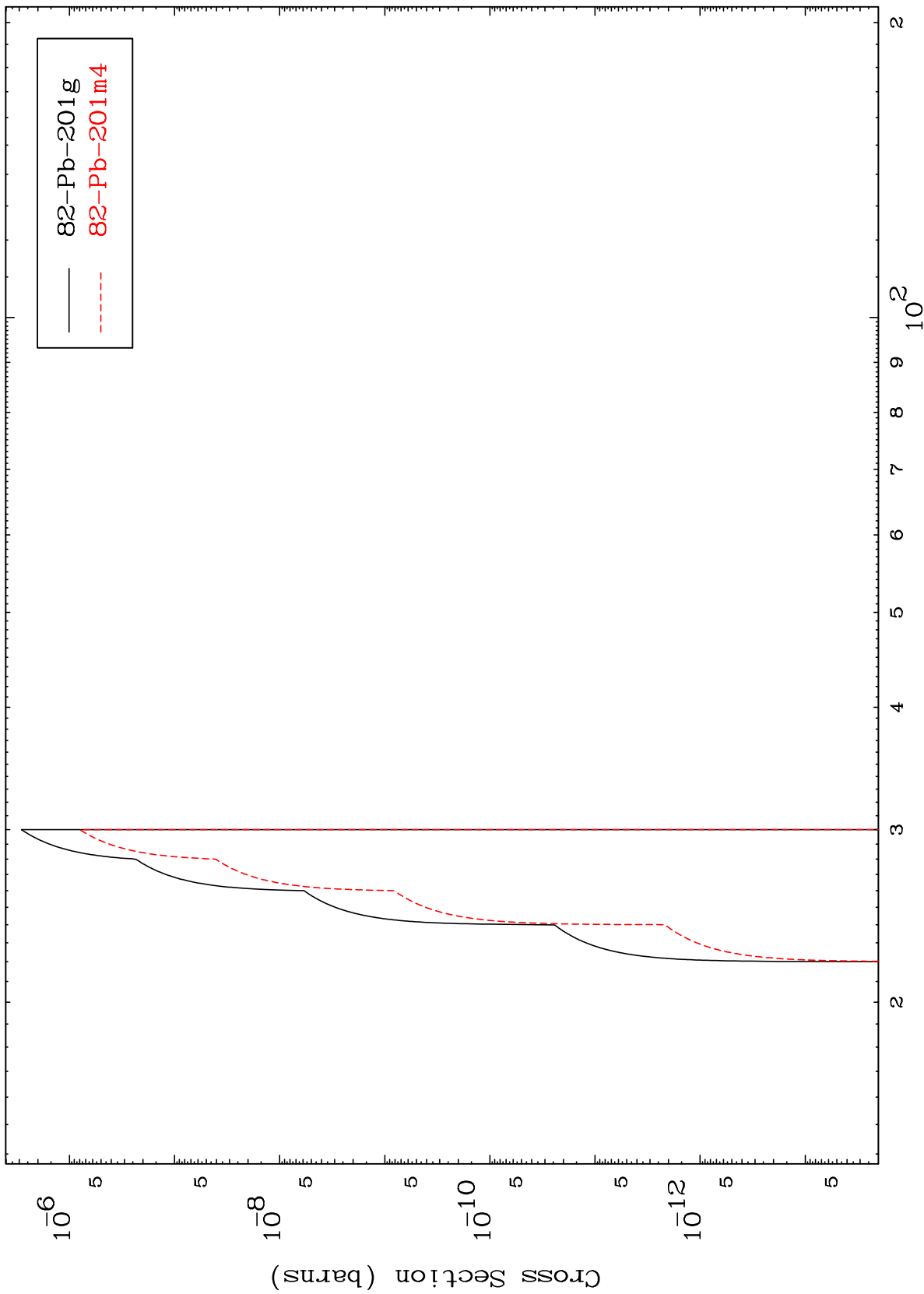
83-Bi-207

MAT 8319

$(n,3n) \alpha$

83-Bi-207

Radionuclide Production Cross Section

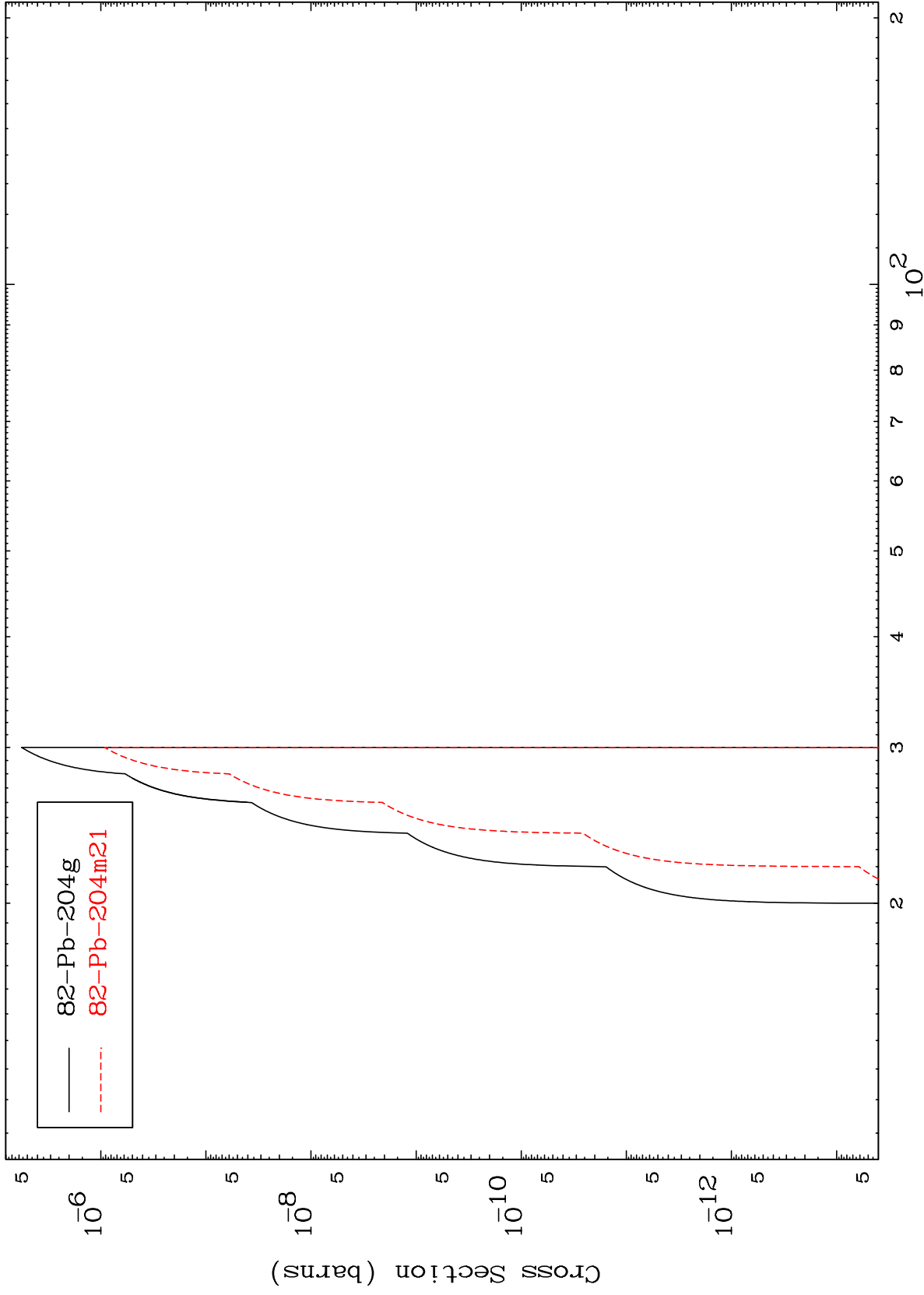


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(n,n') He-3

83-Bi-207

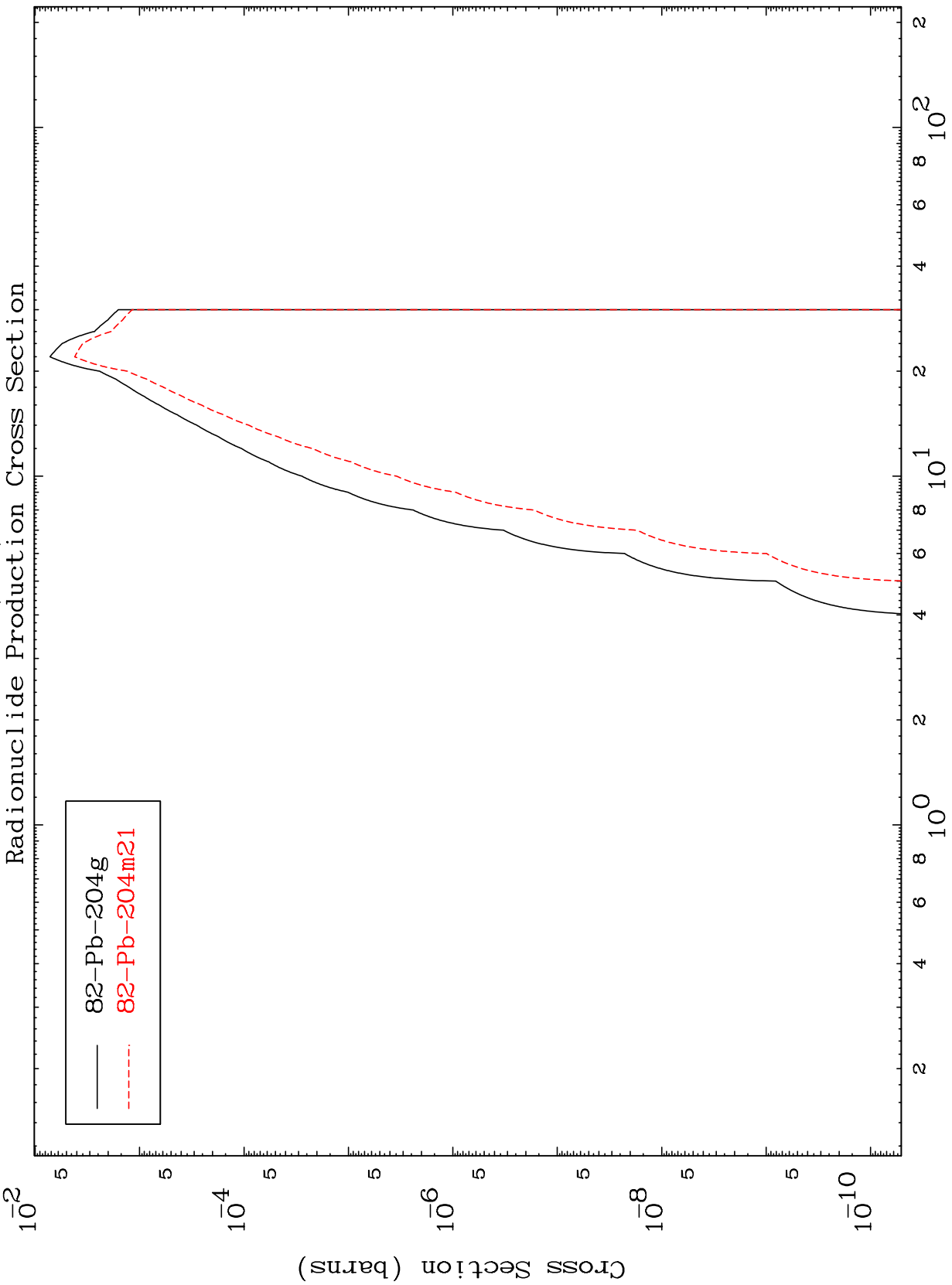
Radionuclide Production Cross Section



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83-Bi-207

Radionuclide Production Cross Section
(n, α)



82-Pb-204g
82-Pb-204m21

83-Bi-207

Incident Energy (MeV)

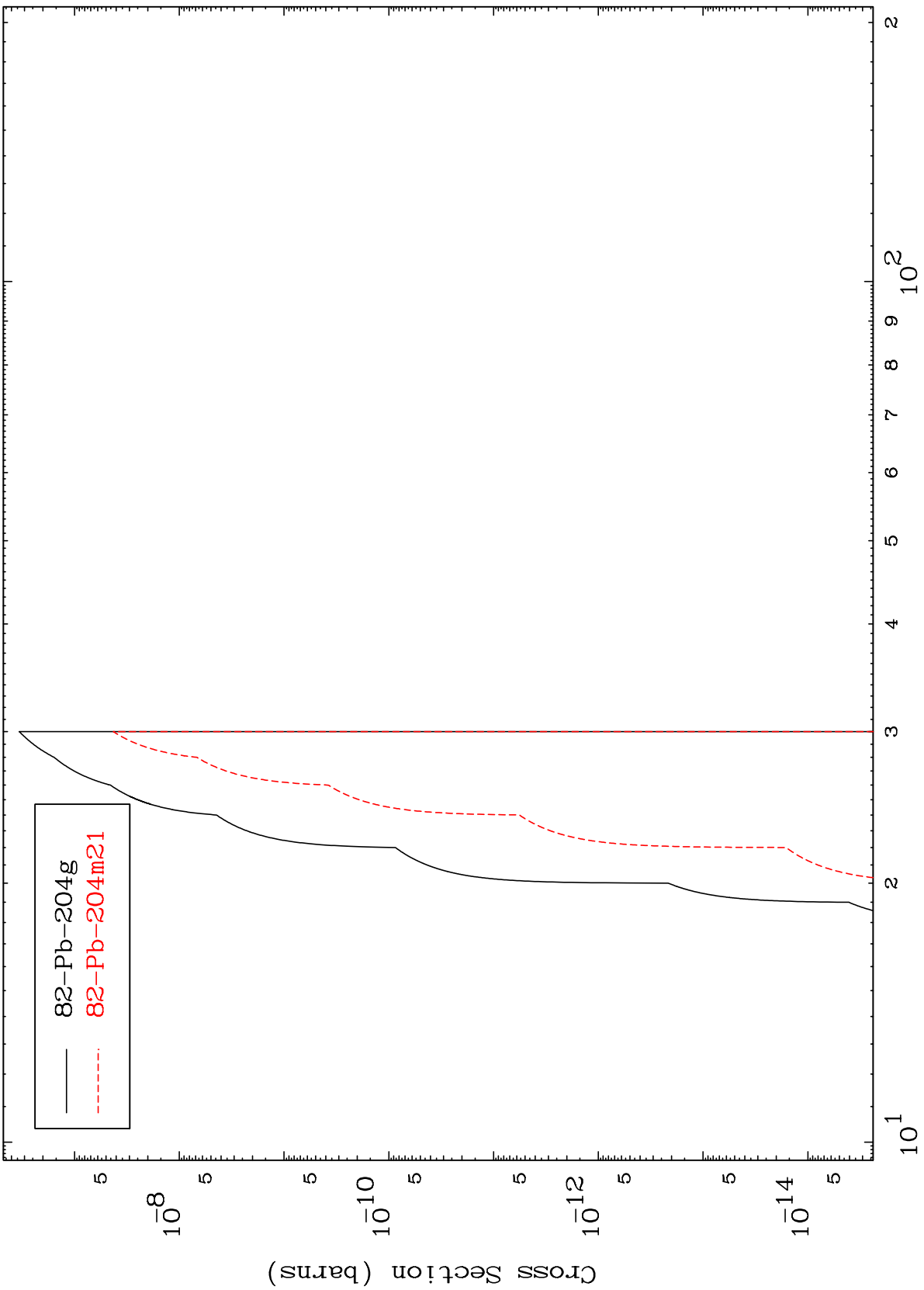
18

MAT 8319

(n,p) t

83-Bi-207

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-207