

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

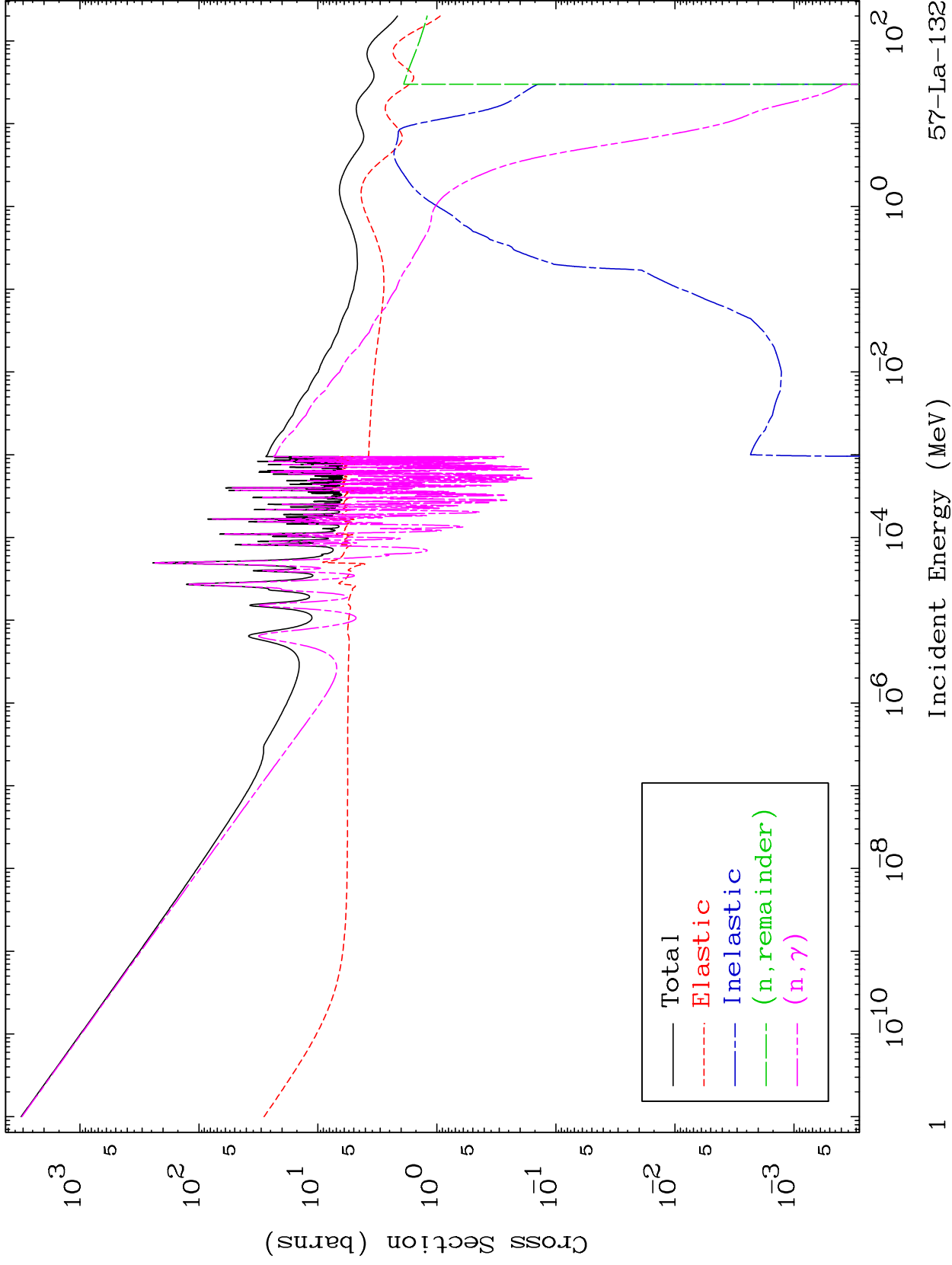
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5708

Major
293 Kelvin Cross Sections

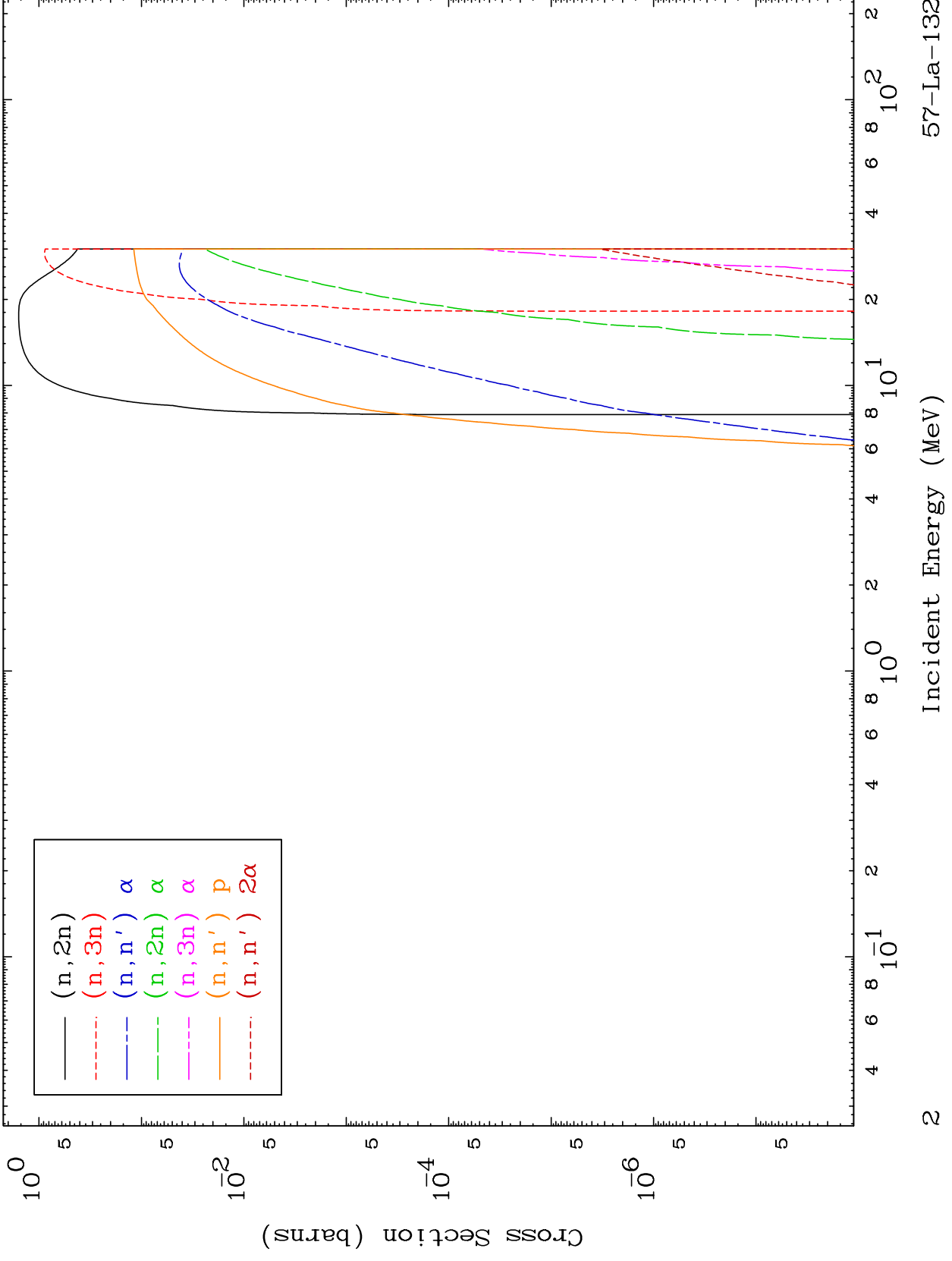
57-La-132

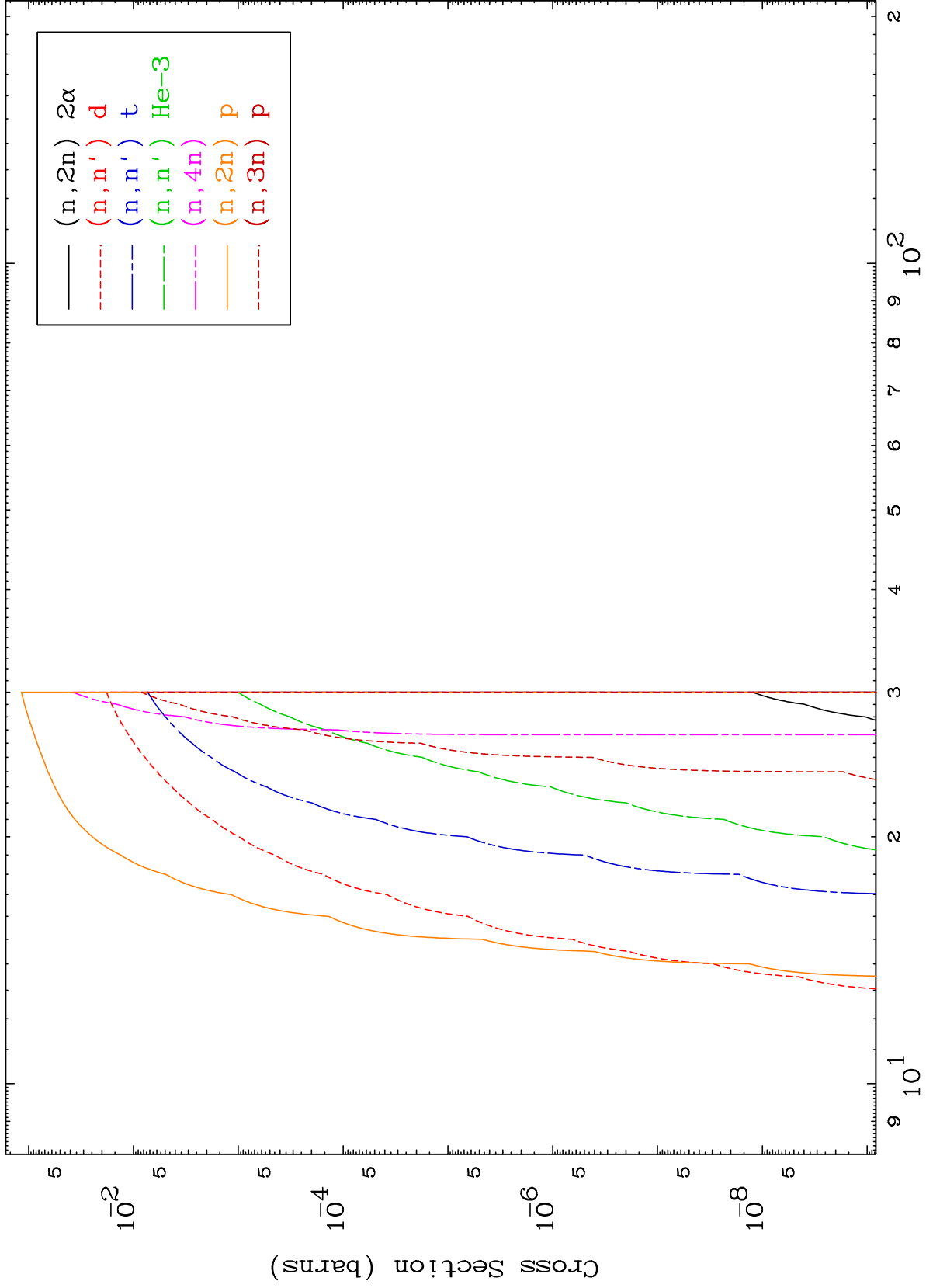


MAT 5708

Neutron Production
293 Kelvin Cross Sections

57-La-132

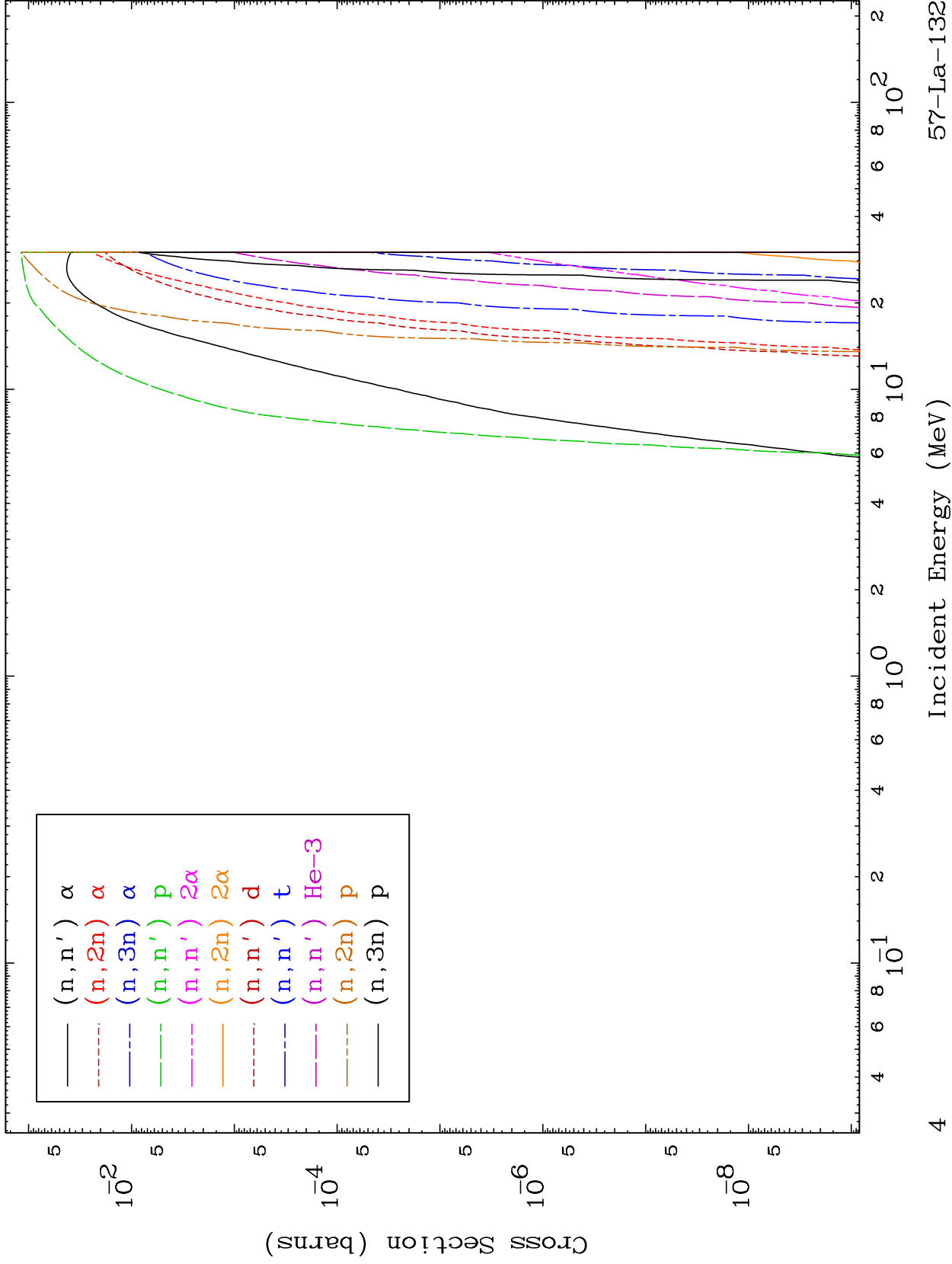




MAT 5708

Charged Particle
293 Kelvin Cross Sections

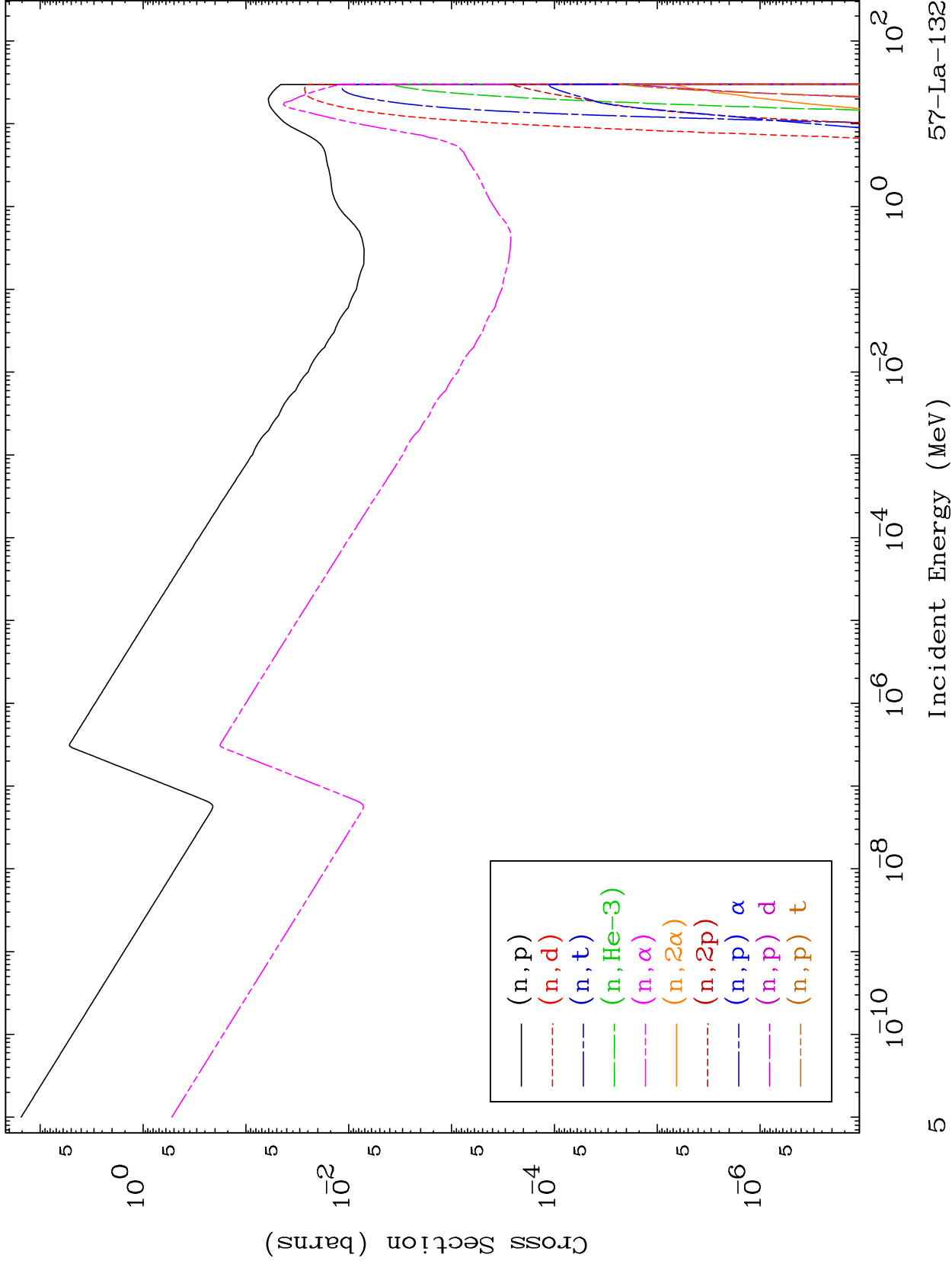
57-La-132



MAT 5708

Charged Particle
293 Kelvin Cross Sections

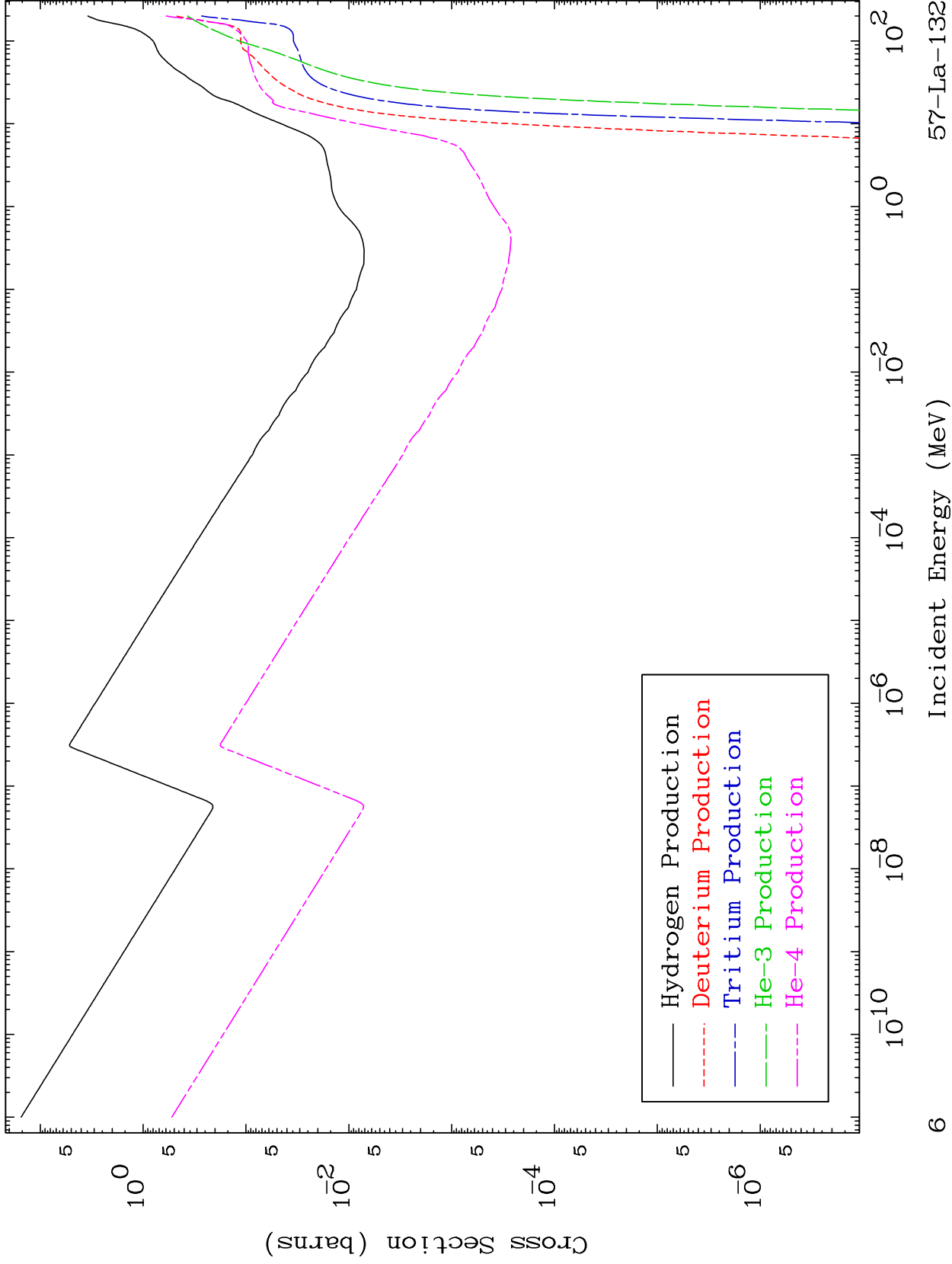
57-La-132



MAT 5708

Particle Production
293 Kelvin Cross Sections

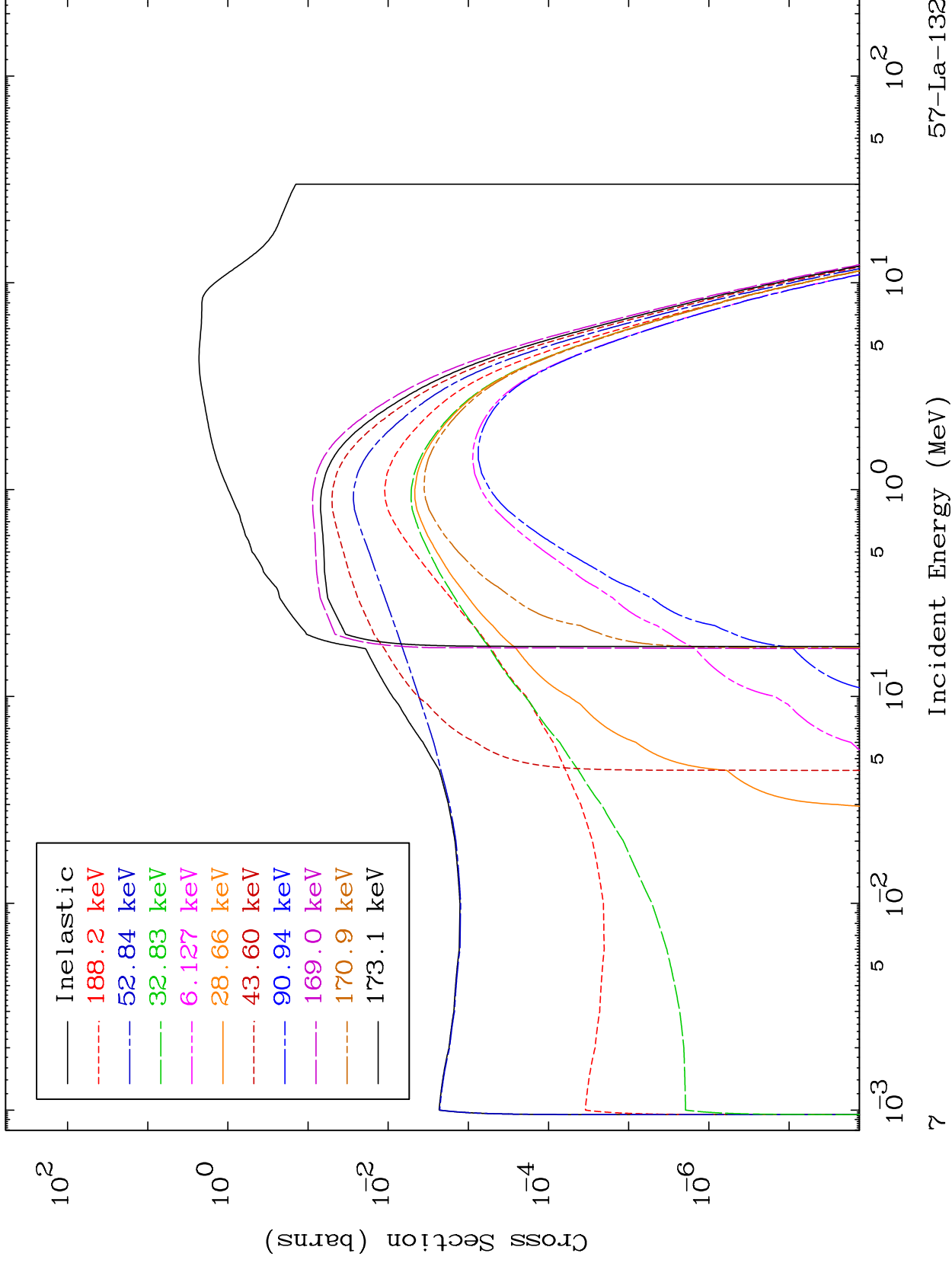
57-La-132



MAT 5708

(n,n') Level
293 Kelvin Cross Sections

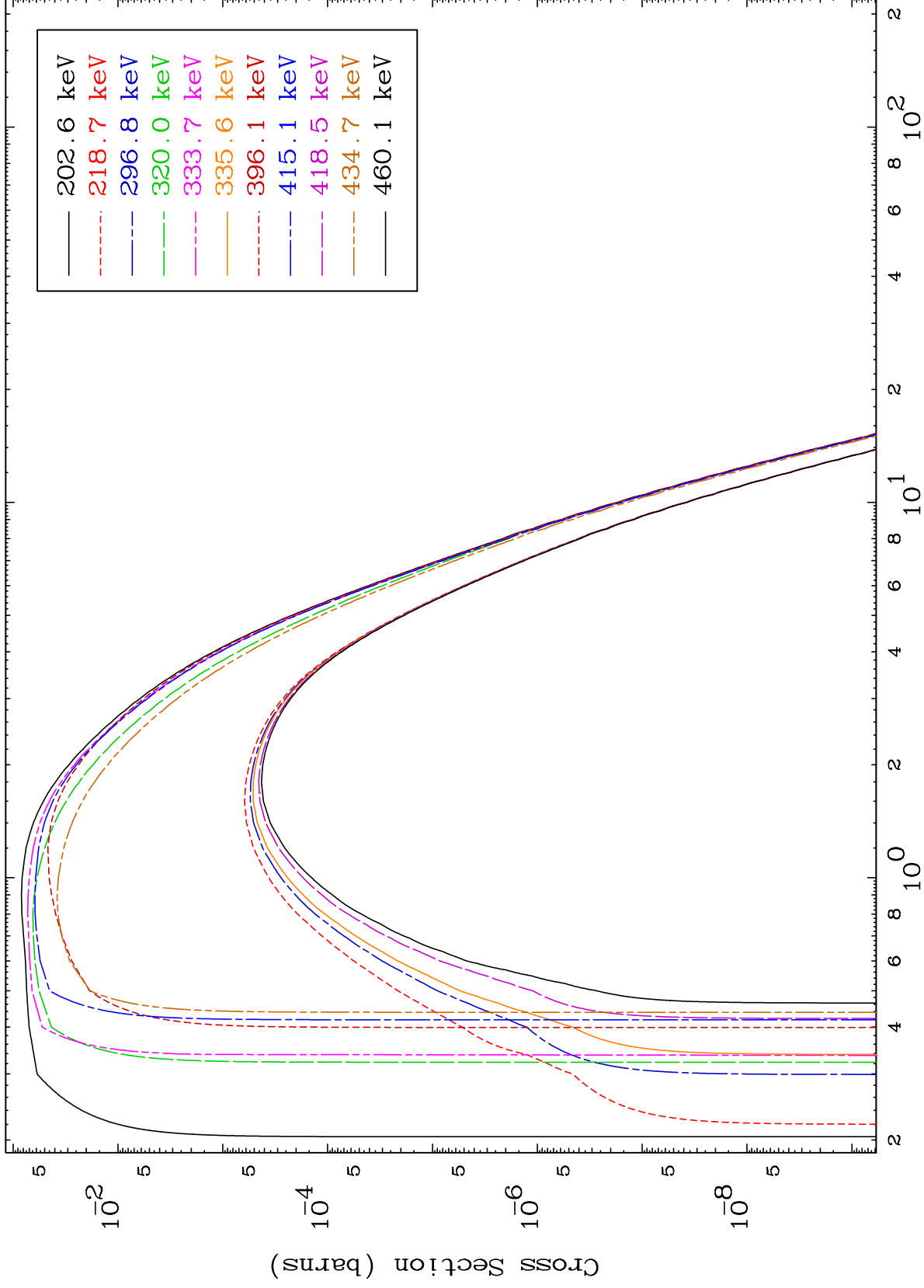
57-La-132



MAT 5708

(n,n') Level
293 Kelvin Cross Sections

57-La-132



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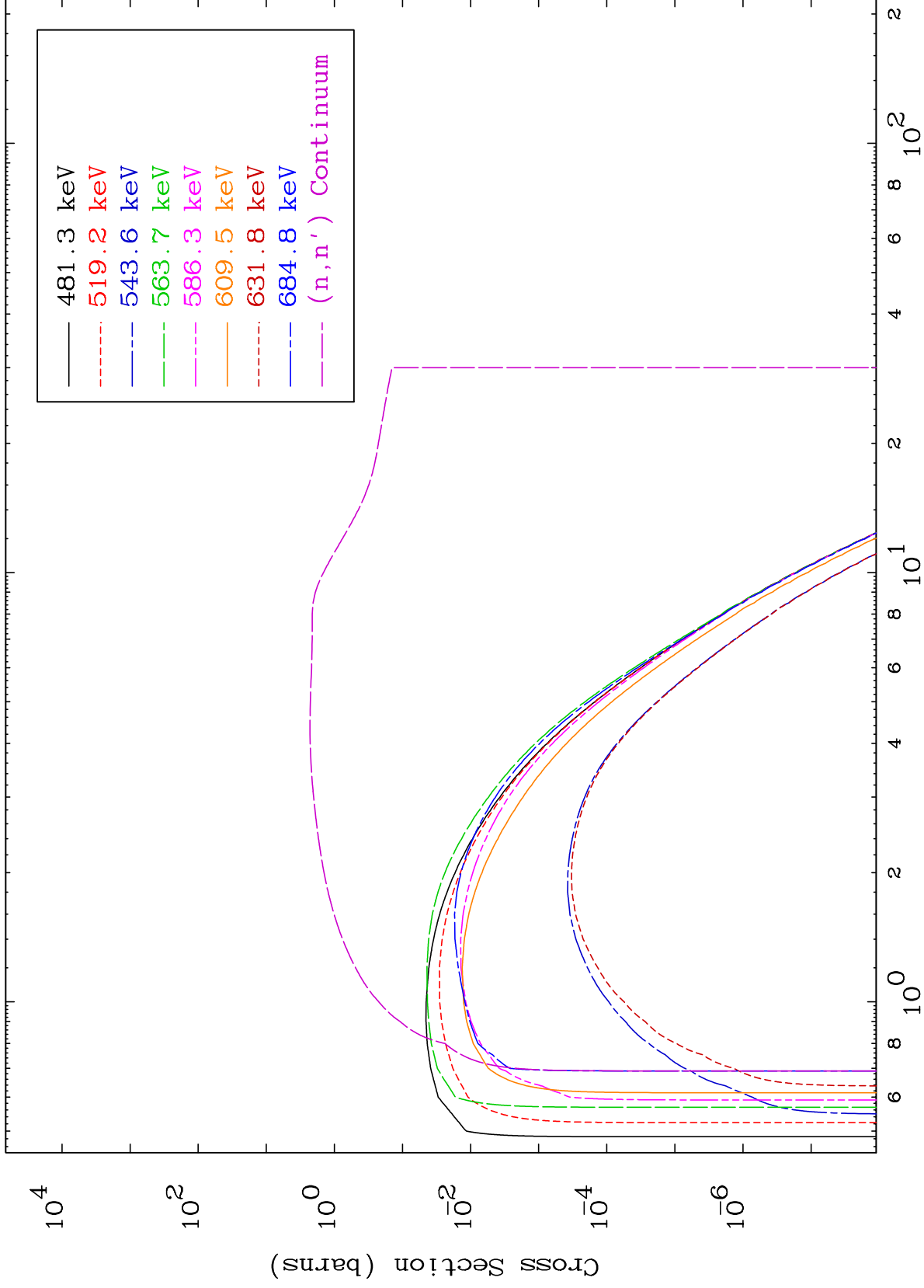
Incident Energy (MeV)

57-La-132

MAT 5708

(n,n') Level
293 Kelvin Cross Sections

57-La-132



9

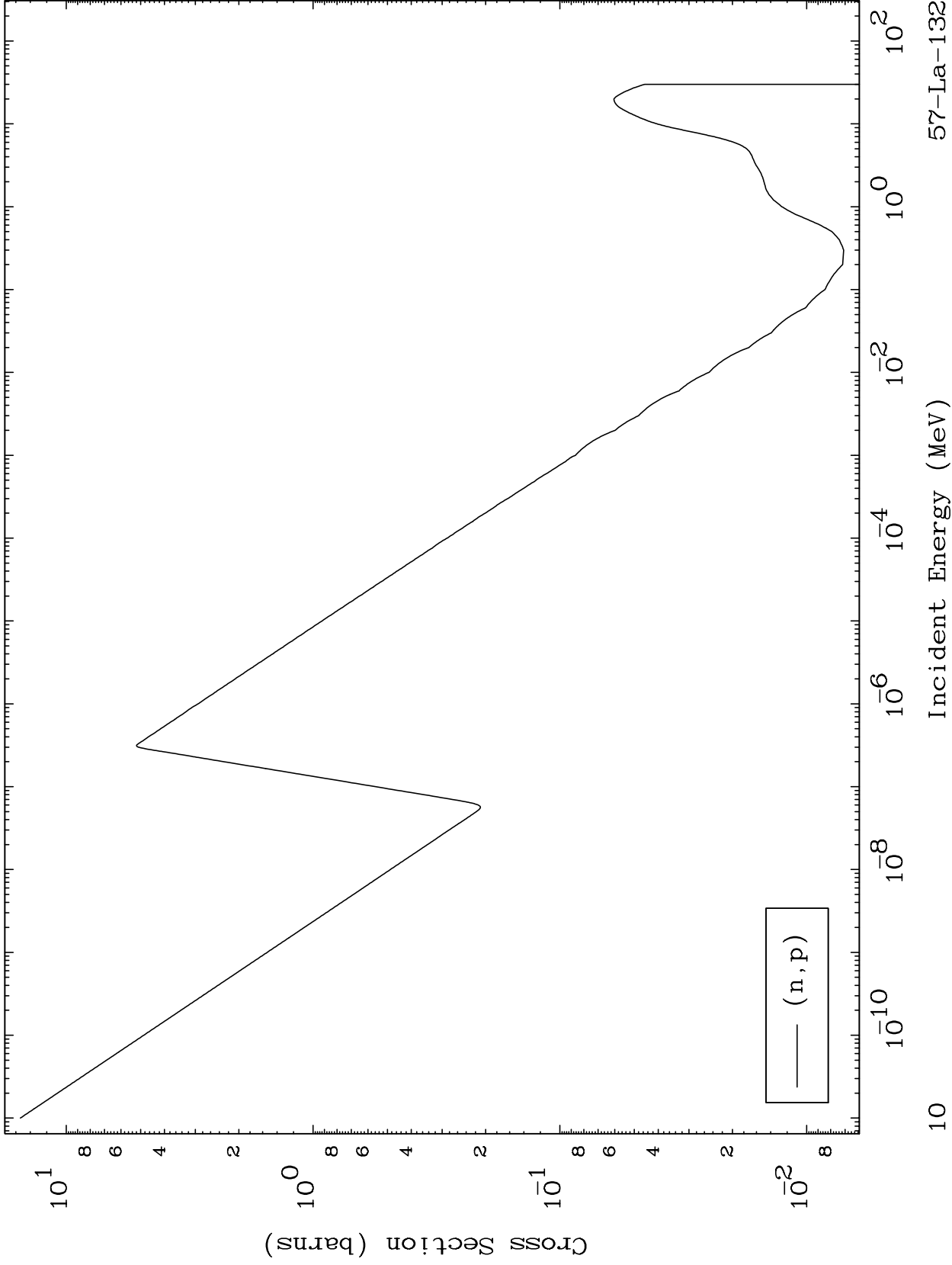
Incident Energy (MeV)

57-La-132

MAT 5708

(n,p) Levels
293 Kelvin Cross Sections

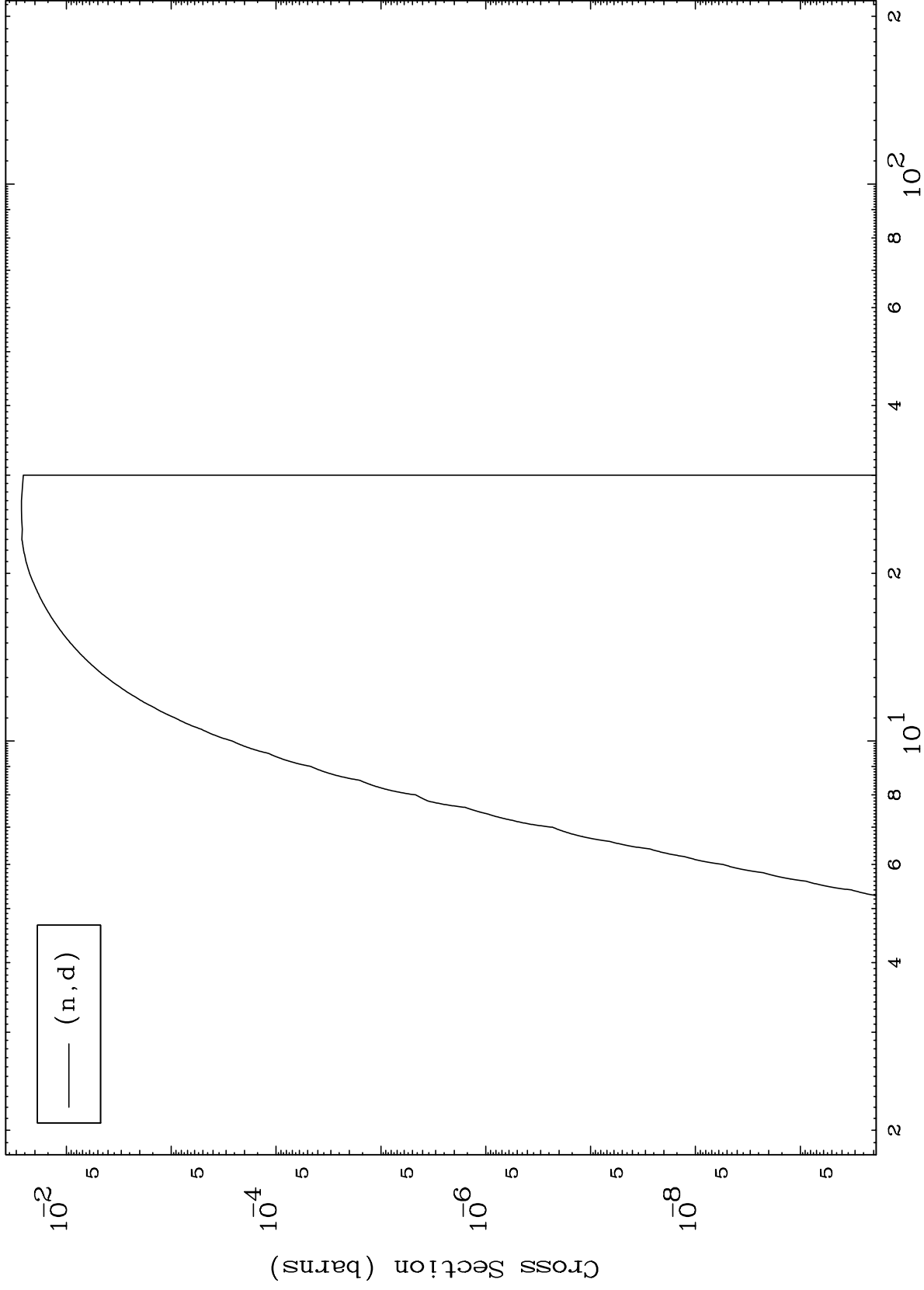
57-La-132



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(n,d) Levels
293 Kelvin Cross Sections

57-La-132



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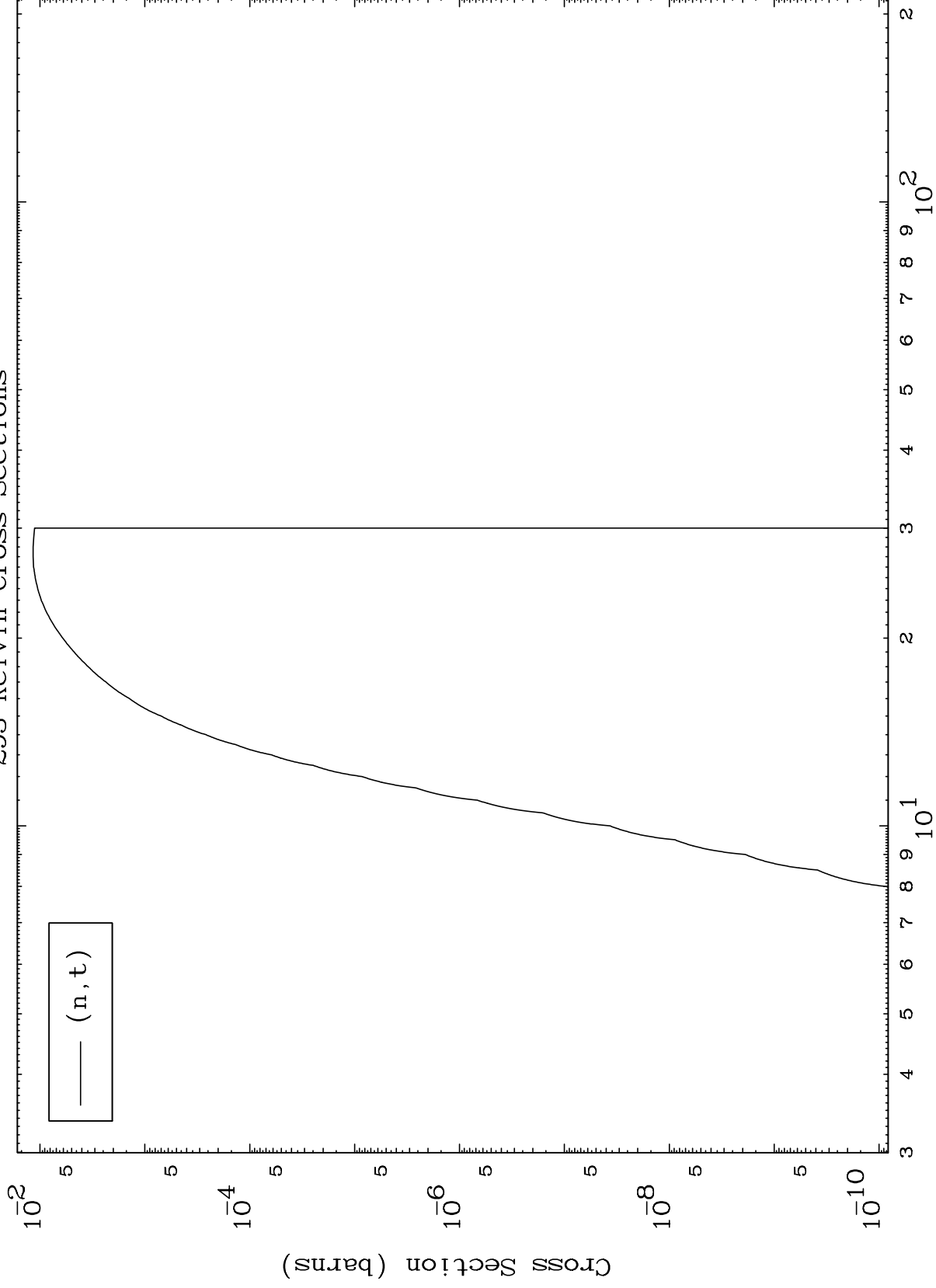
Incident Energy (MeV)

57-La-132

MAT 5708

(n,t) Levels
293 Kelvin Cross Sections

57-La-132



12

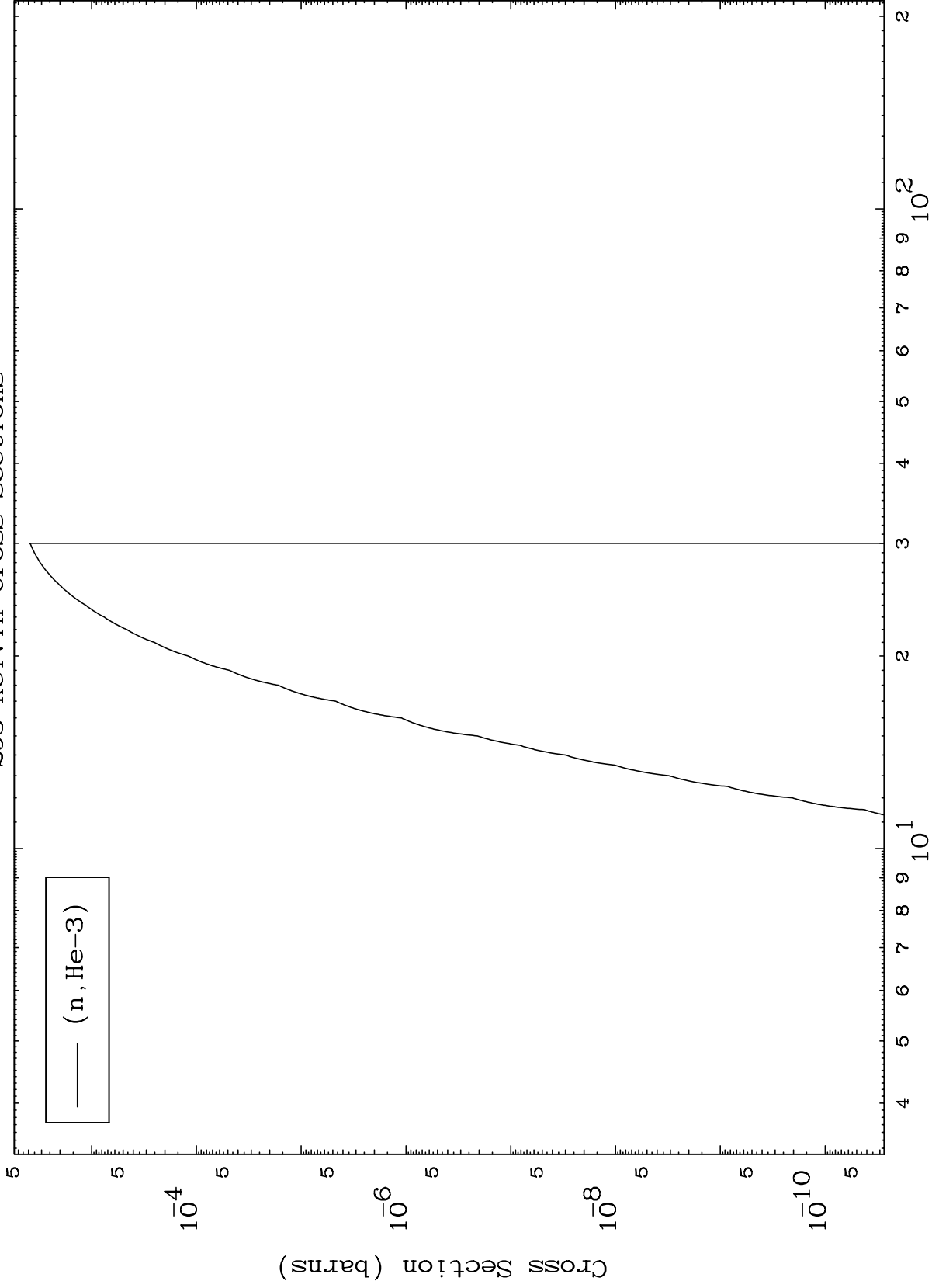
Incident Energy (MeV)

57-La-132

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(n,He3) Levels
293 Kelvin Cross Sections

57-La-132



13

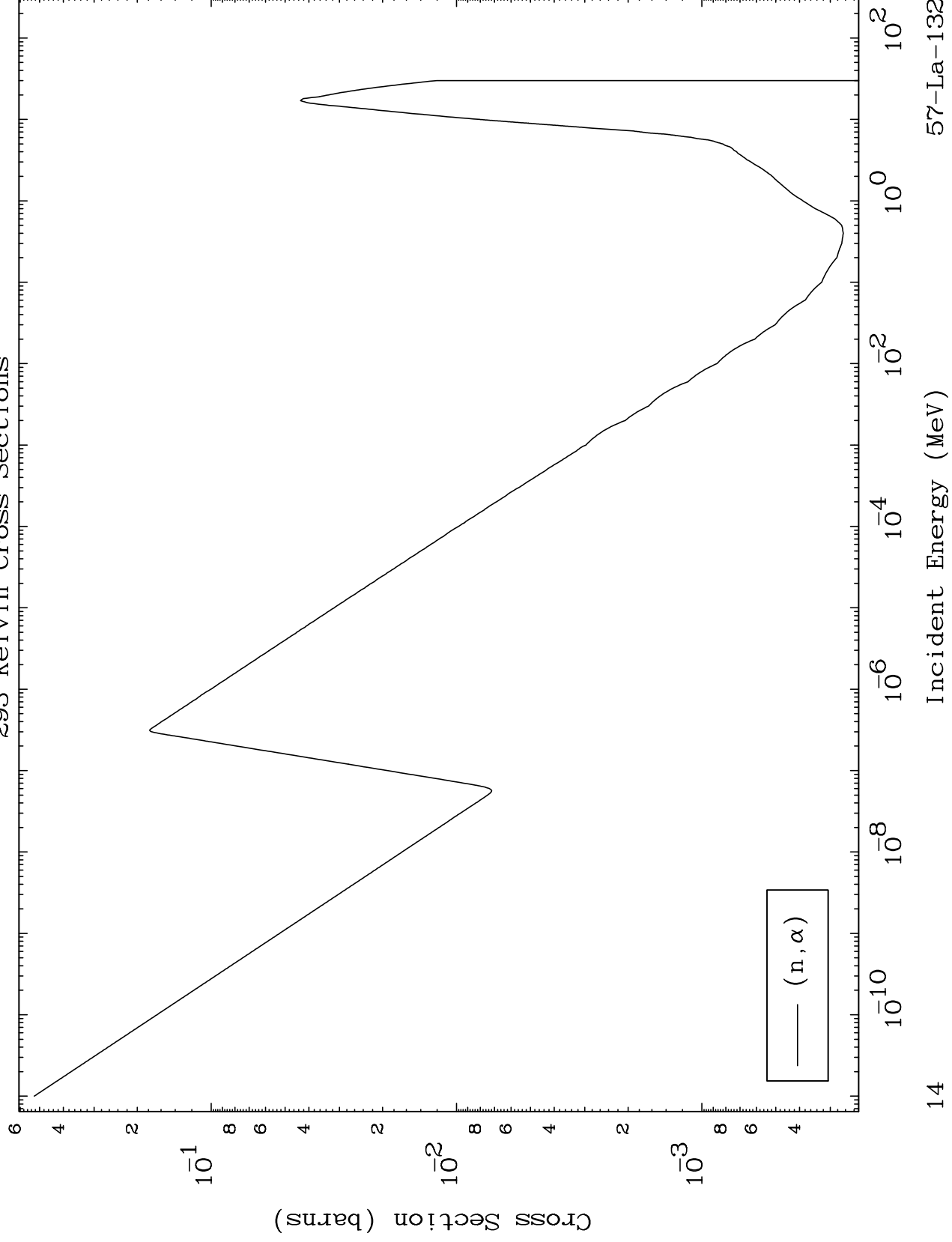
Incident Energy (MeV)

57-La-132

MAT 5708

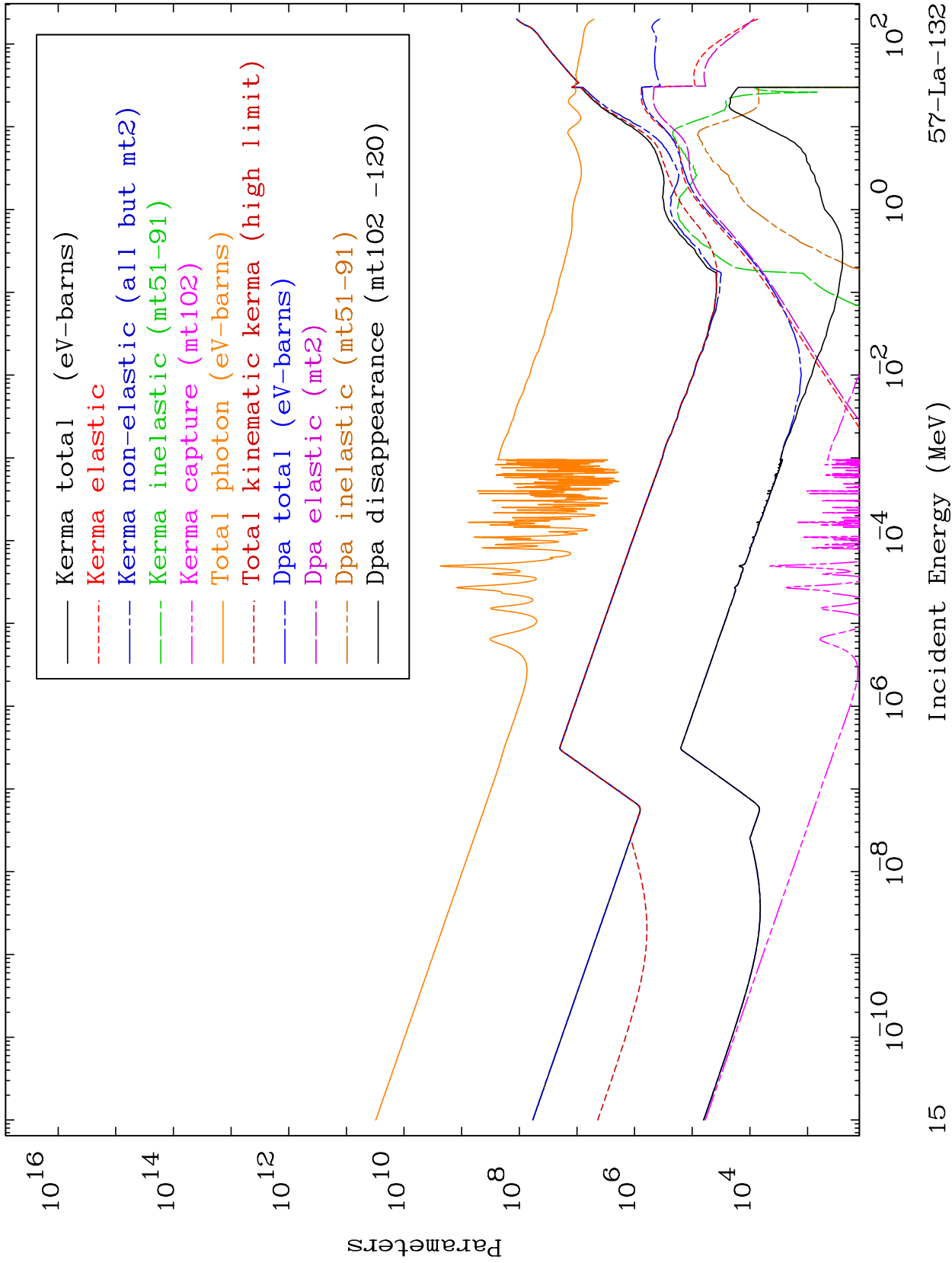
(n,α) Levels
293 Kelvin Cross Sections

57-La-132



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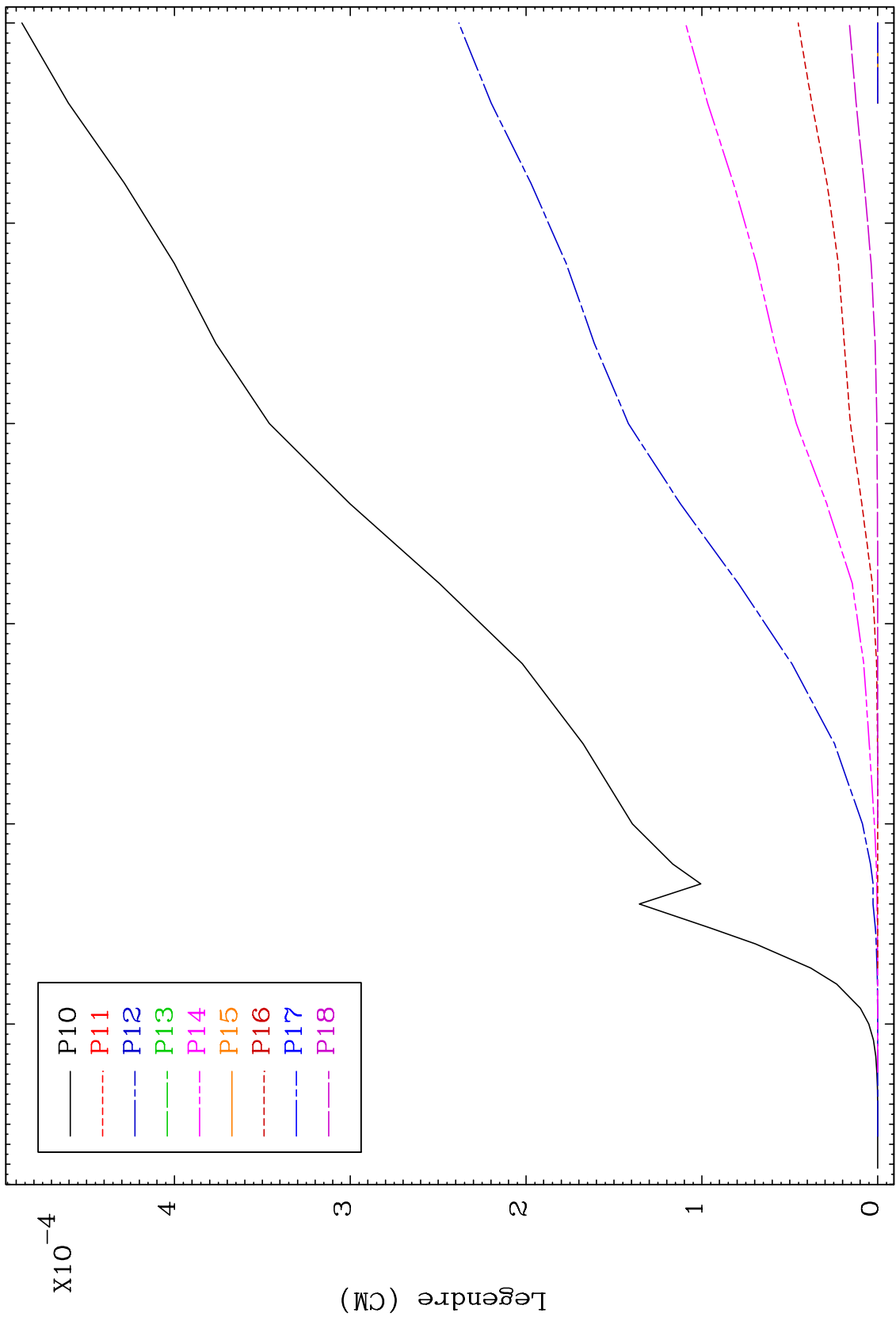
57-La-132



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Elastic Legendre Coefficients

57-La-132



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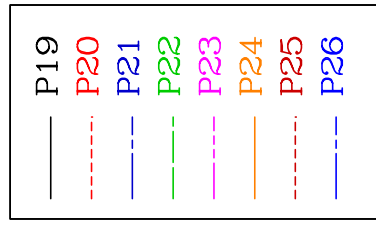
57-La-132

Incident Energy (MeV)

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Elastic
Legendre Coefficients

57-La-132



$\times 10^{-6}$
Legendre (CM)



18

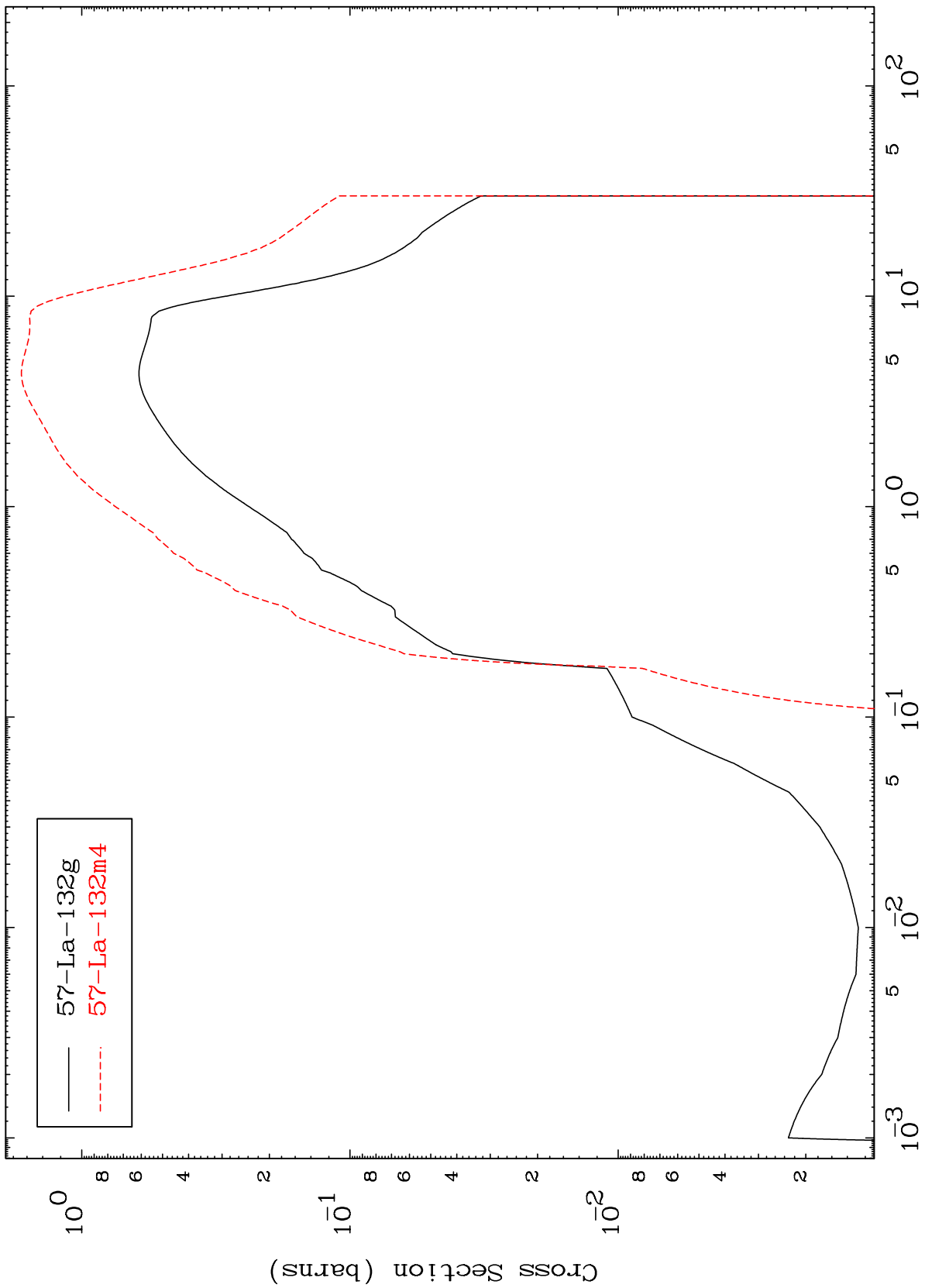
Incident Energy (MeV)

57-La-132

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57-La-132

Inelastic
Radionuclide Production Cross Section



57-La-132

Incident Energy (MeV)

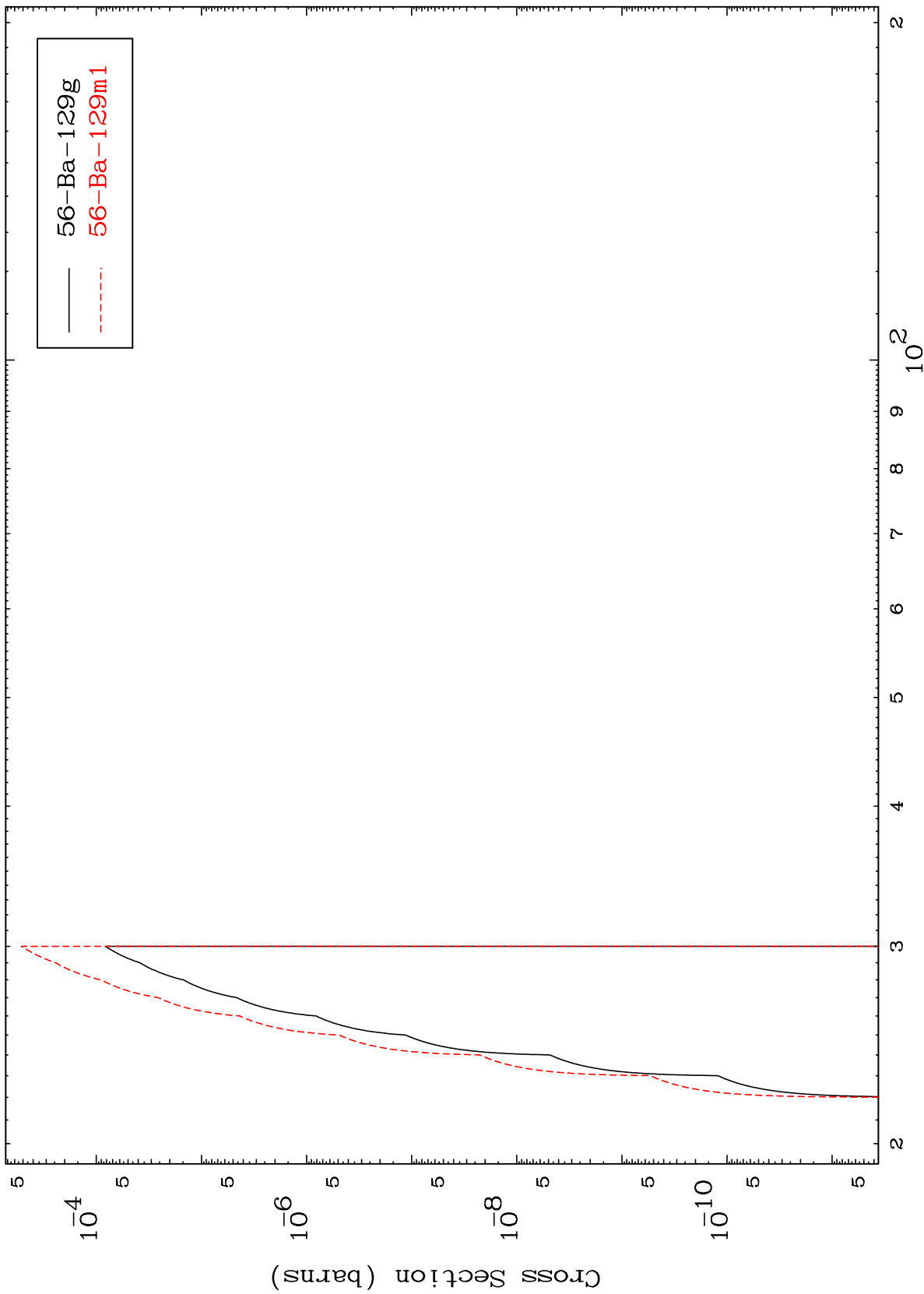
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(n,2n) d

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Radionuclide Production Cross Section



20

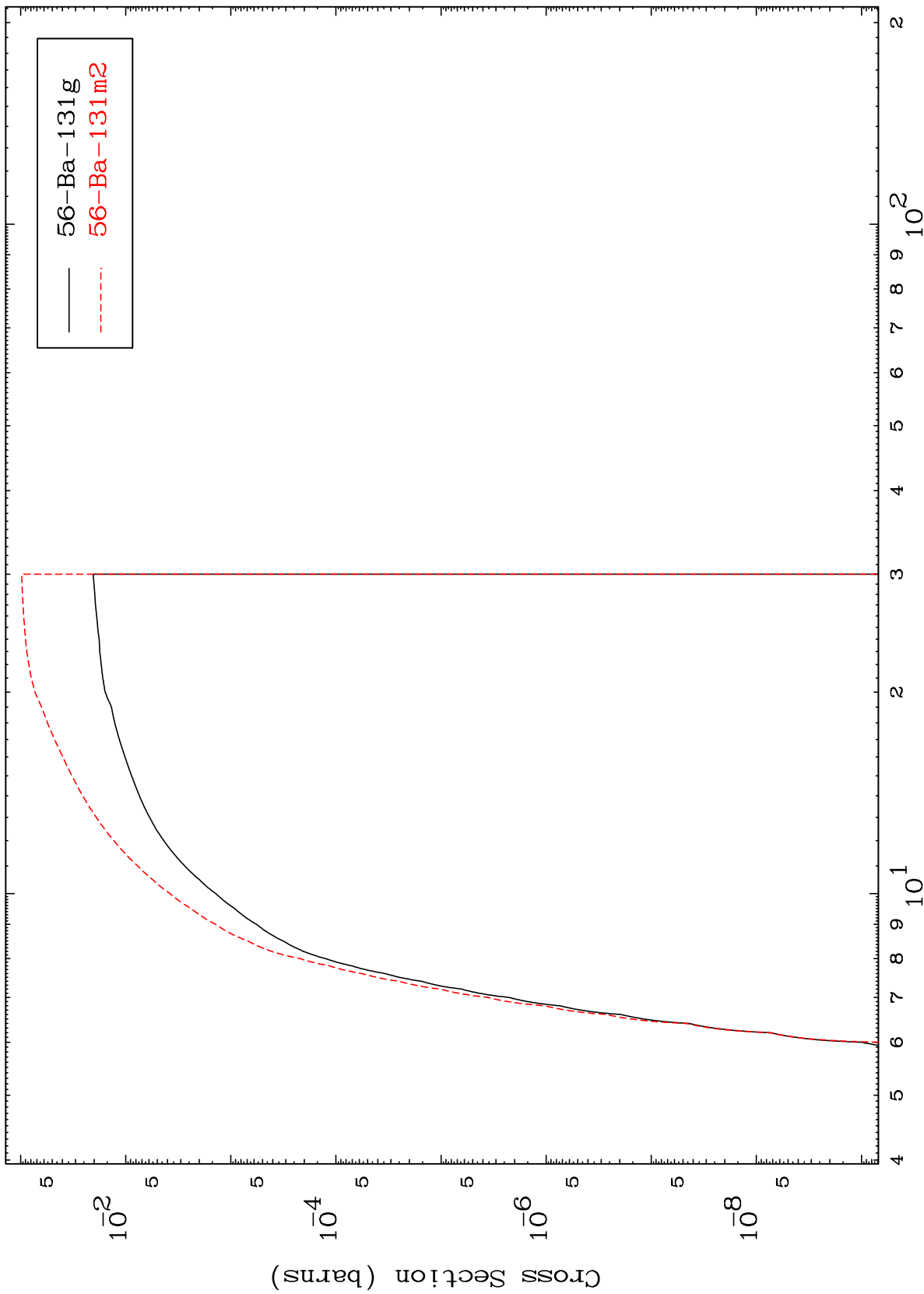
Incident Energy (MeV)

57-La-132

MAT 5708

57-La-132

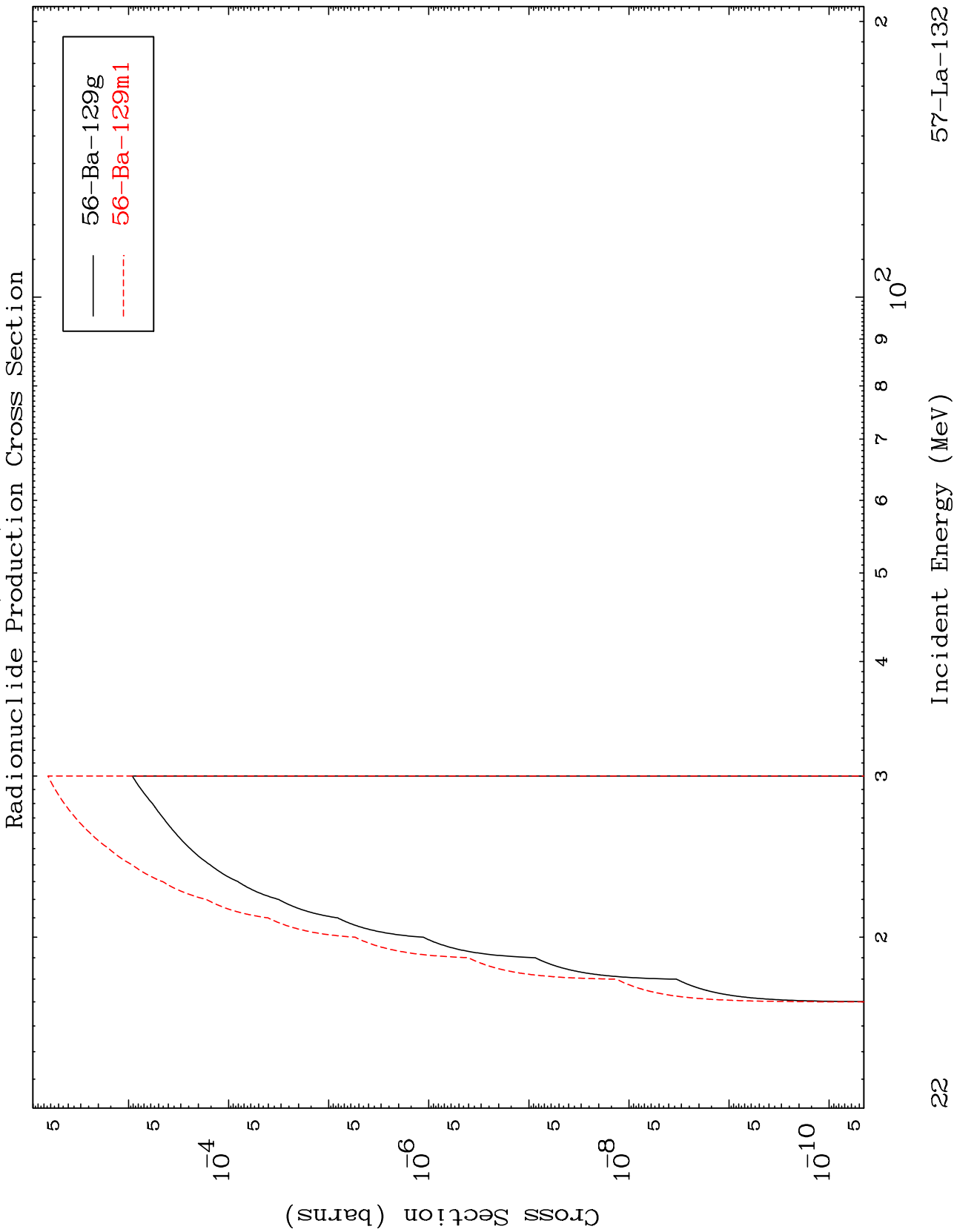
(n,n') p
Radionuclide Production Cross Section



21

Incident Energy (MeV)

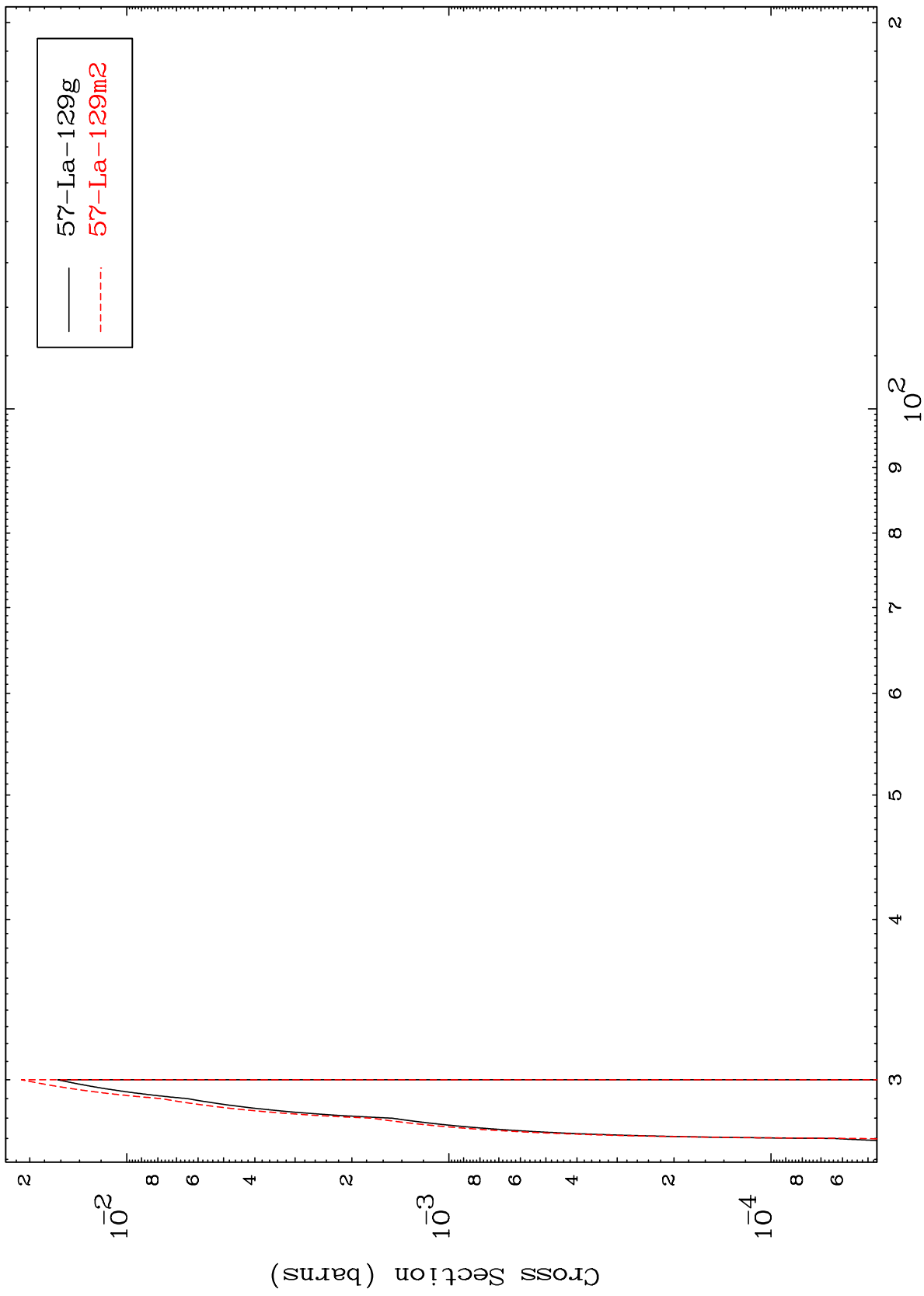
57-La-132



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57-La-132

(n,4n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

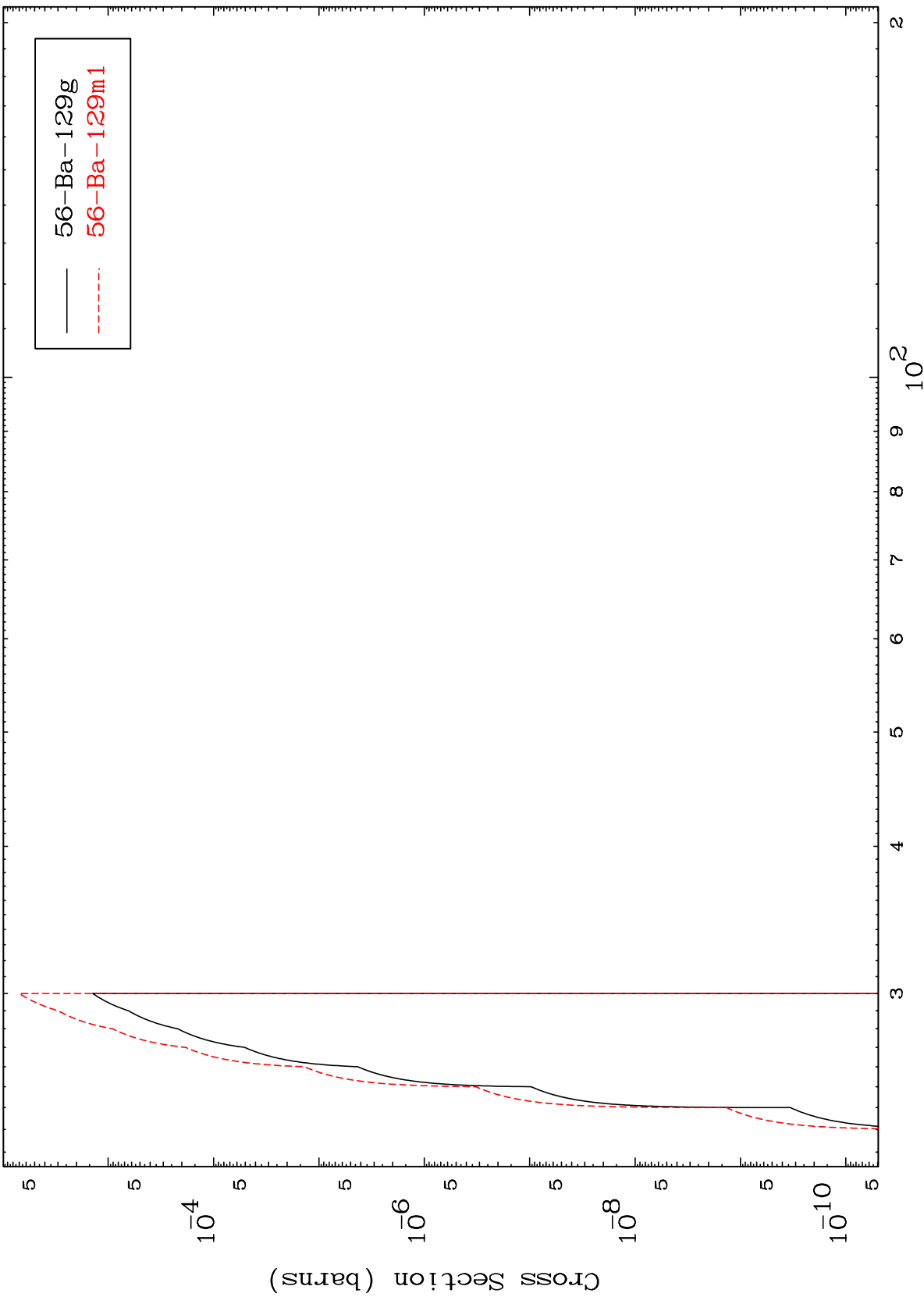
23

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(n,3n) p

57-La-132

Radionuclide Production Cross Section

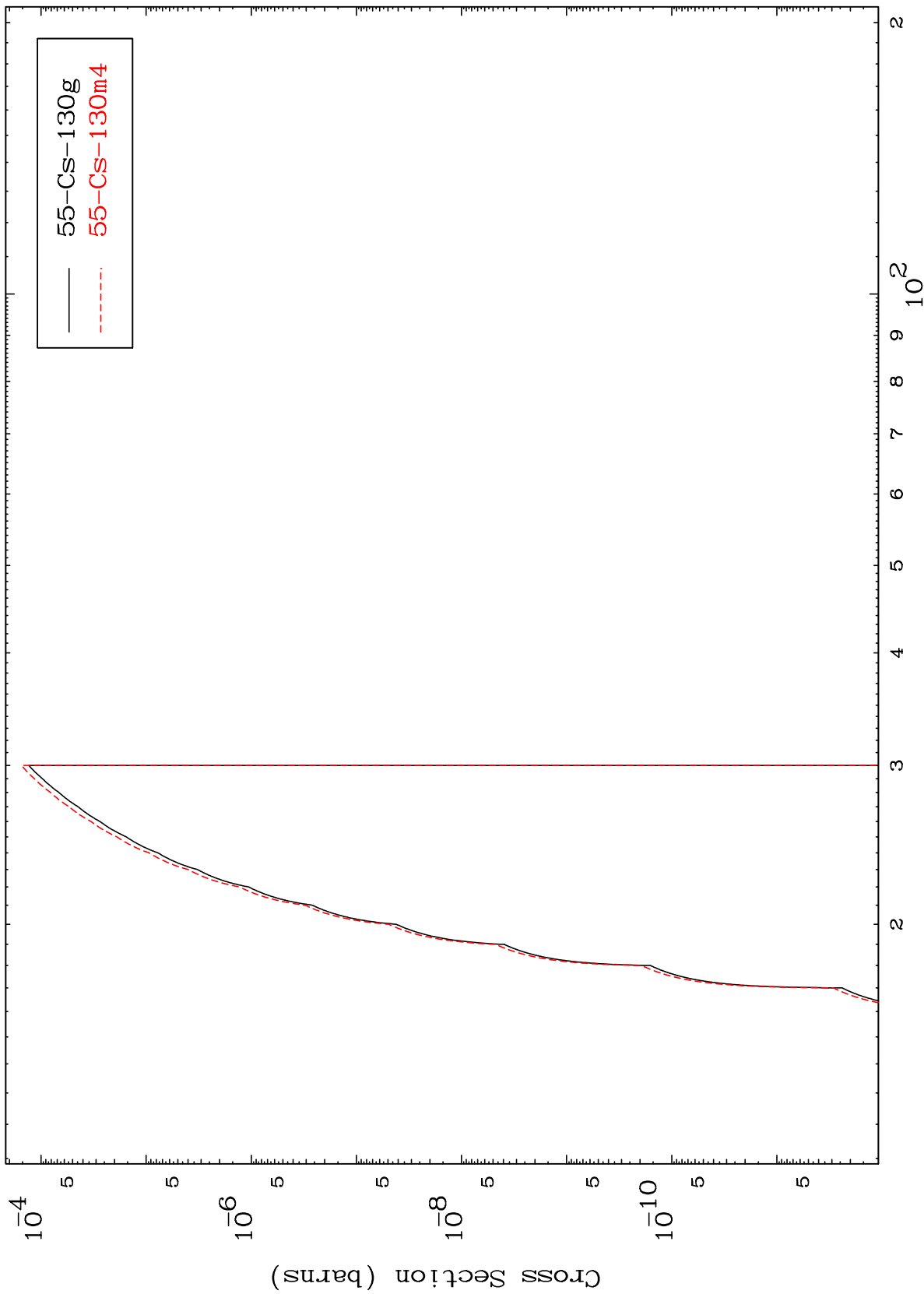


24

Incident Energy (MeV)

57-La-132

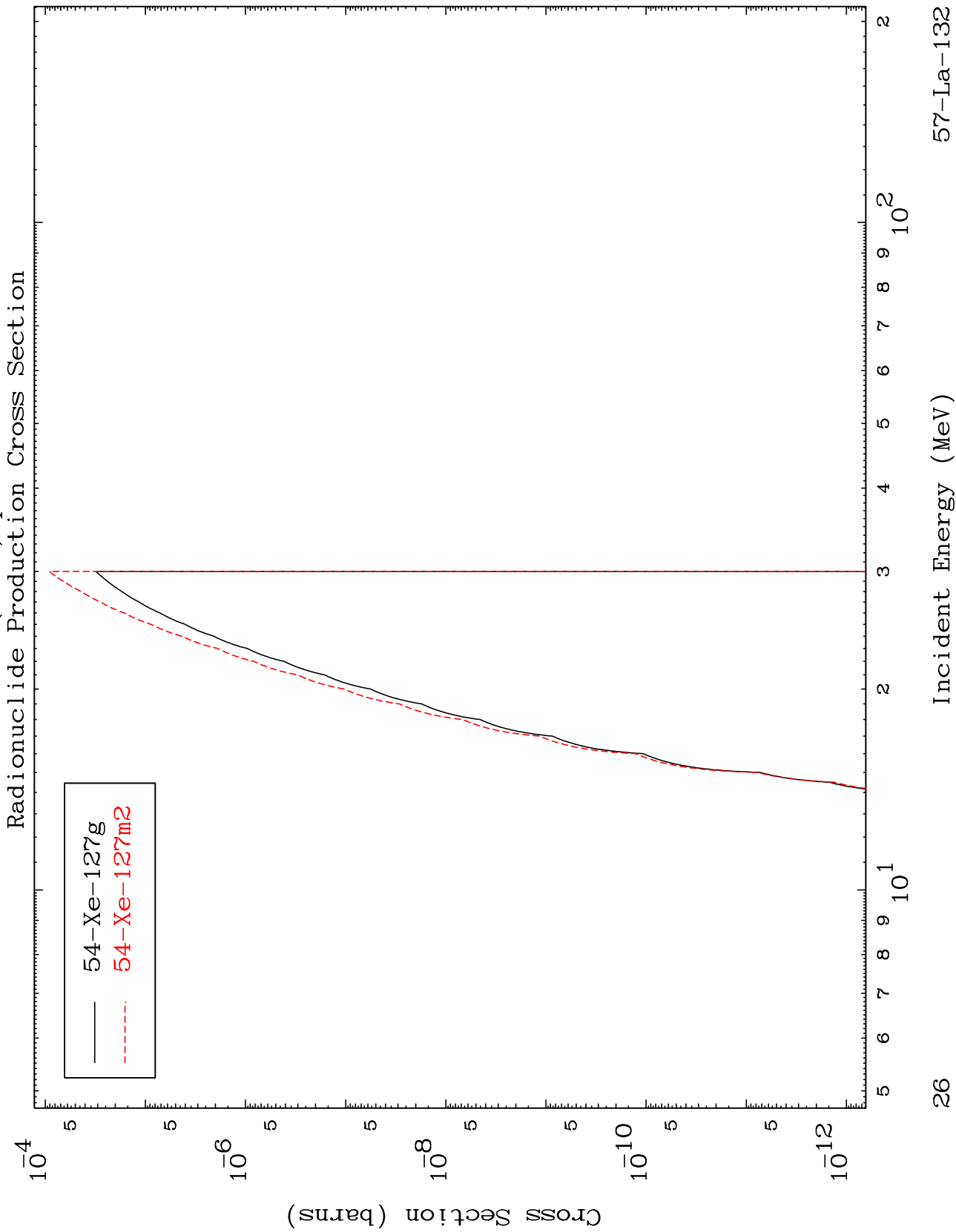
(n,2n) p
Radionuclide Production Cross Section



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(n,n') p α

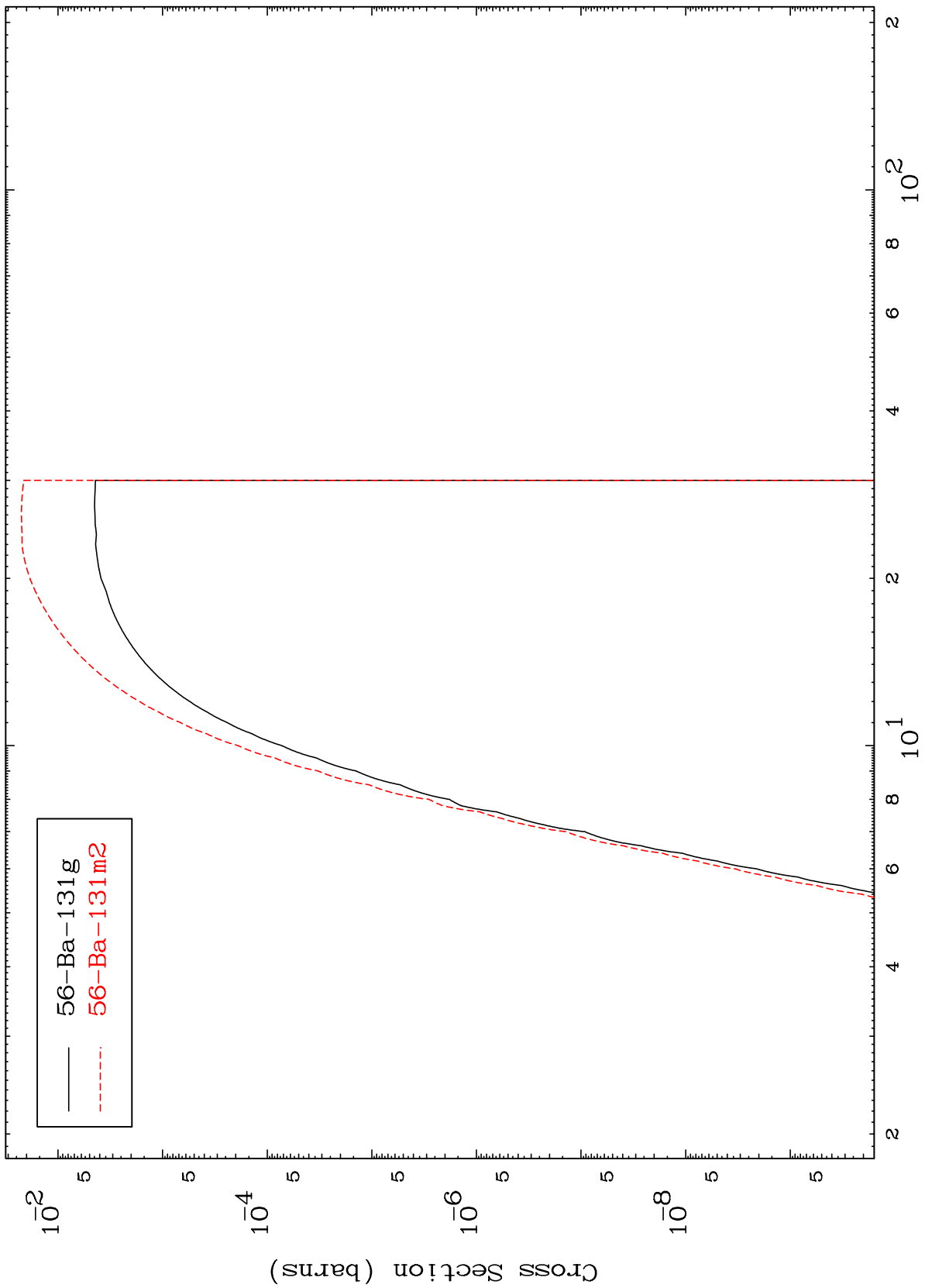
57-La-132



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57-La-132

(n,d)
Radionuclide Production Cross Section



57-La-132

Incident Energy (MeV)

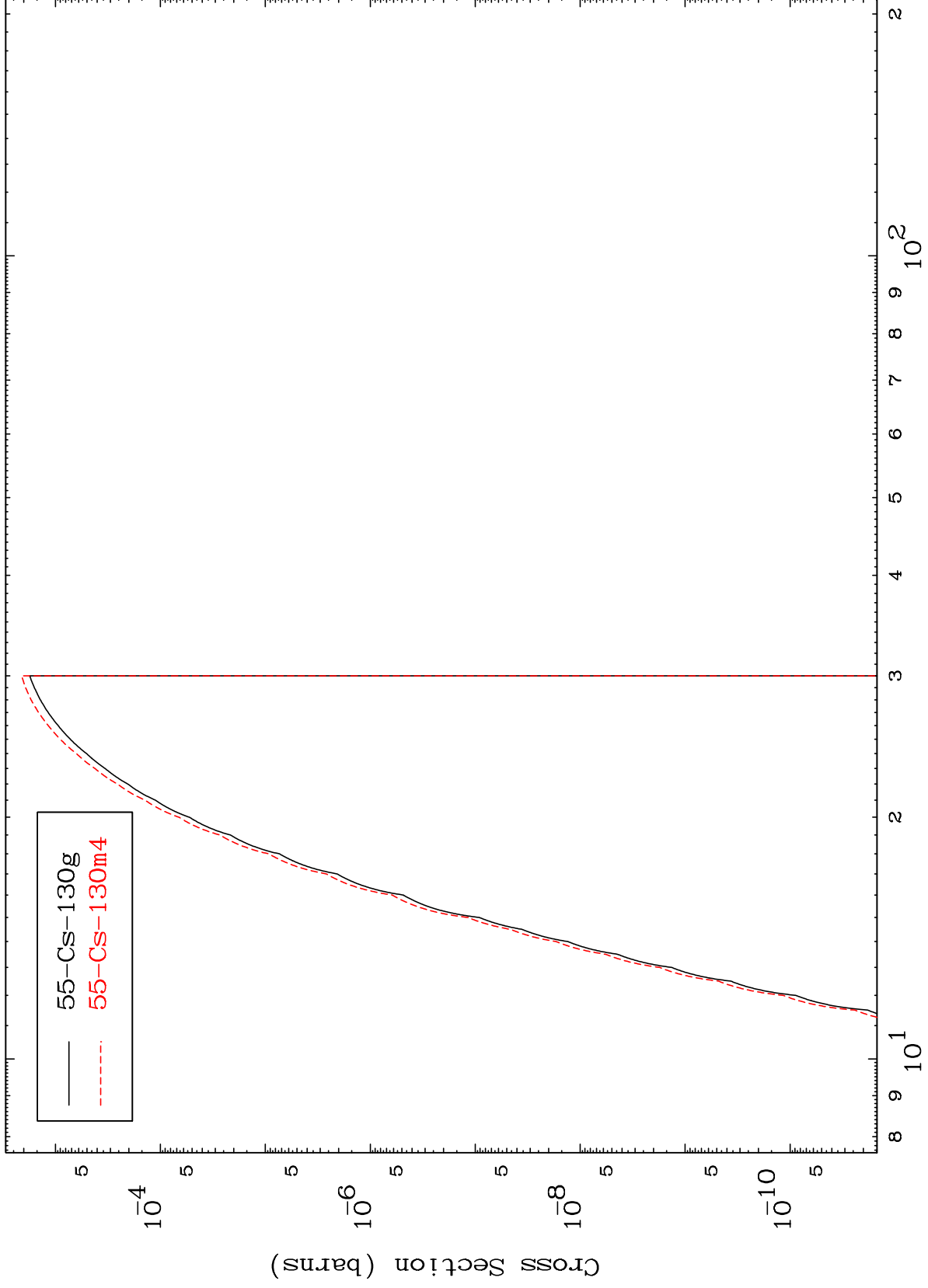
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(n,He-3)

57-La-132

Radionuclide Production Cross Section



55-Cs-130g
55-Cs-130m4

28

Incident Energy (MeV)

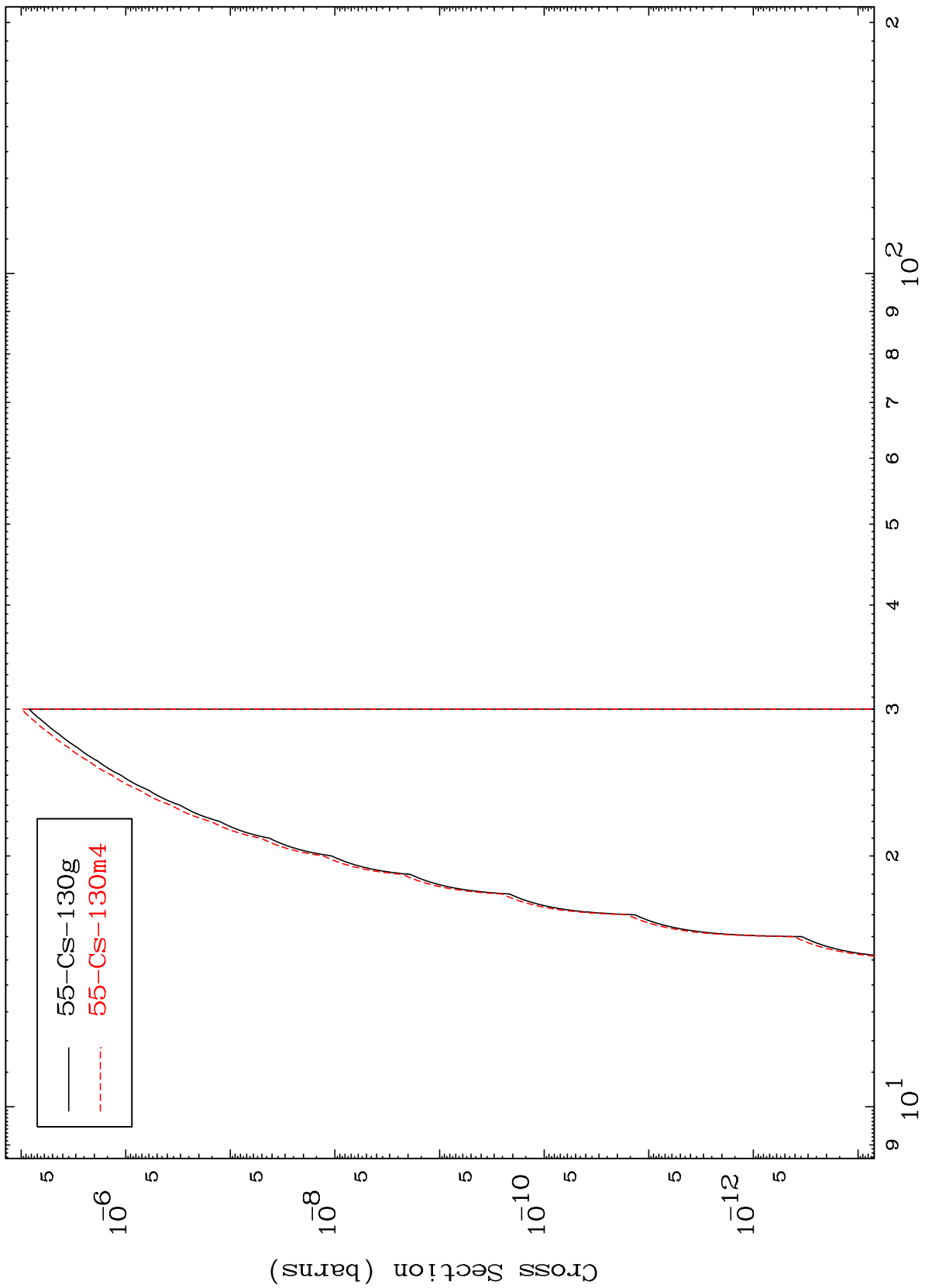
57-La-132

MAT 5708

(n,p) d

57-La-132

Radionuclide Production Cross Section



29

Incident Energy (MeV)

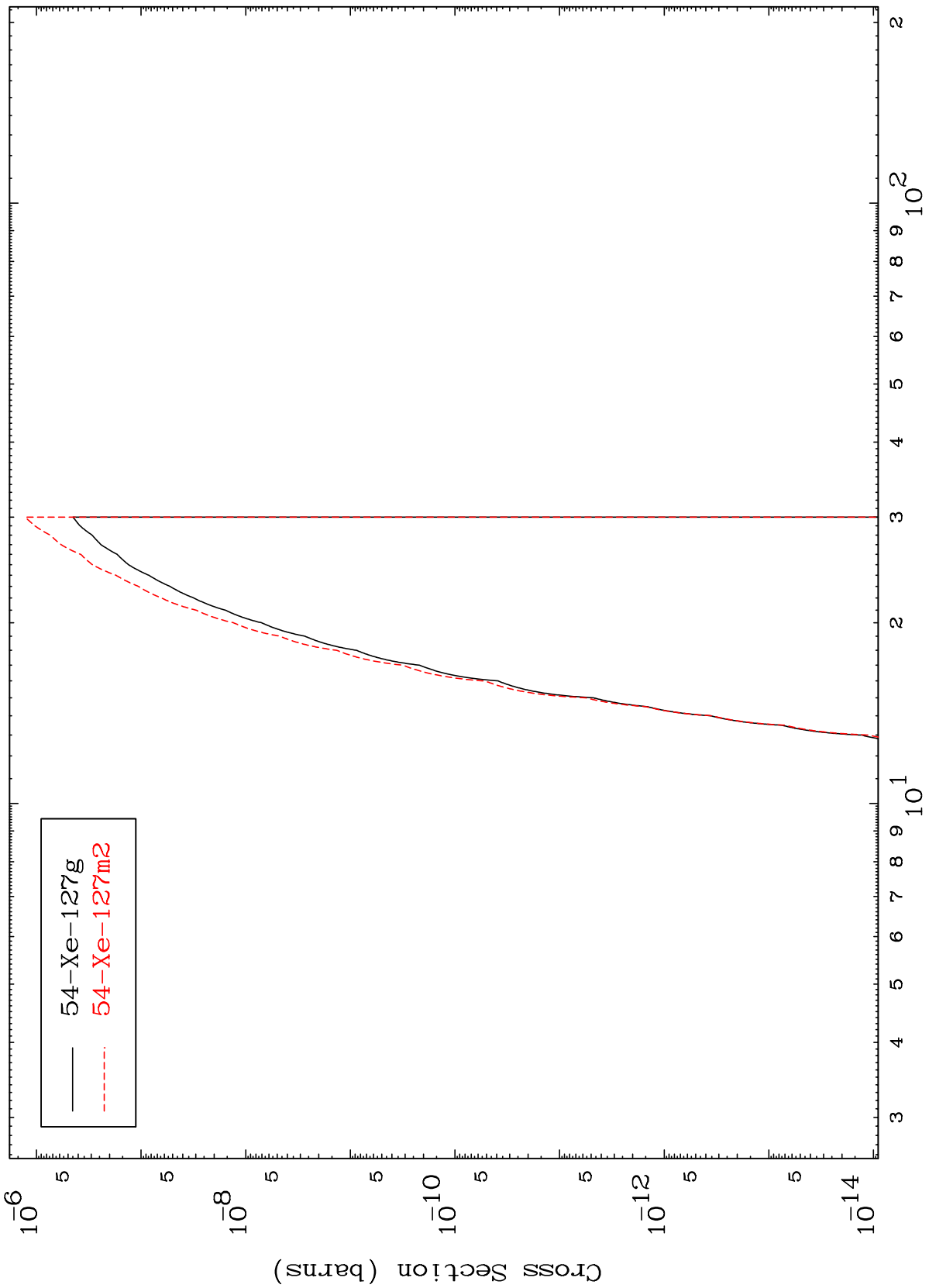
57-La-132

MAT 5708

(n,d) α

57-La-132

Radionuclide Production Cross Section



30

Incident Energy (MeV)

57-La-132