

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

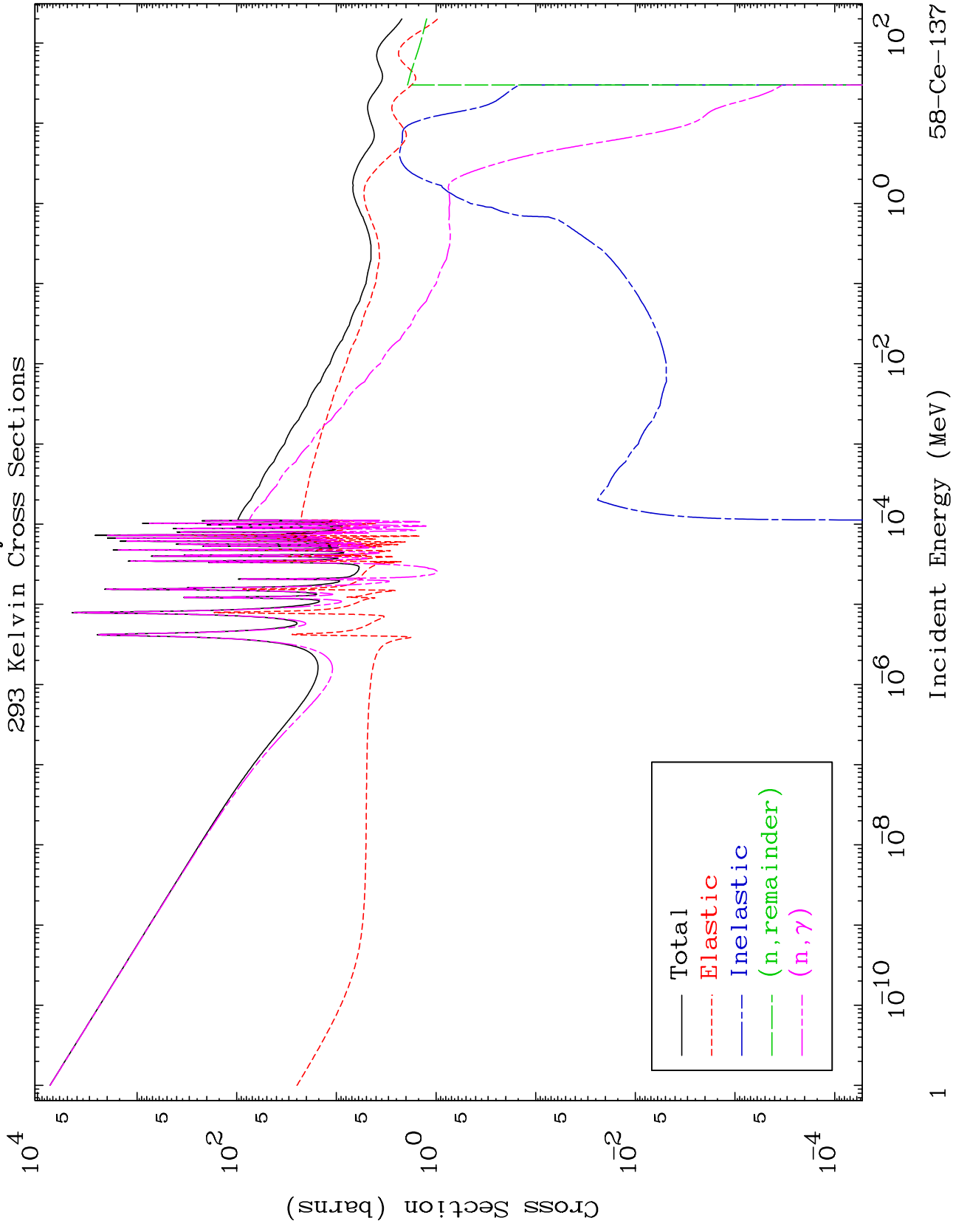
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5829

Major
293 Kelvin Cross Sections

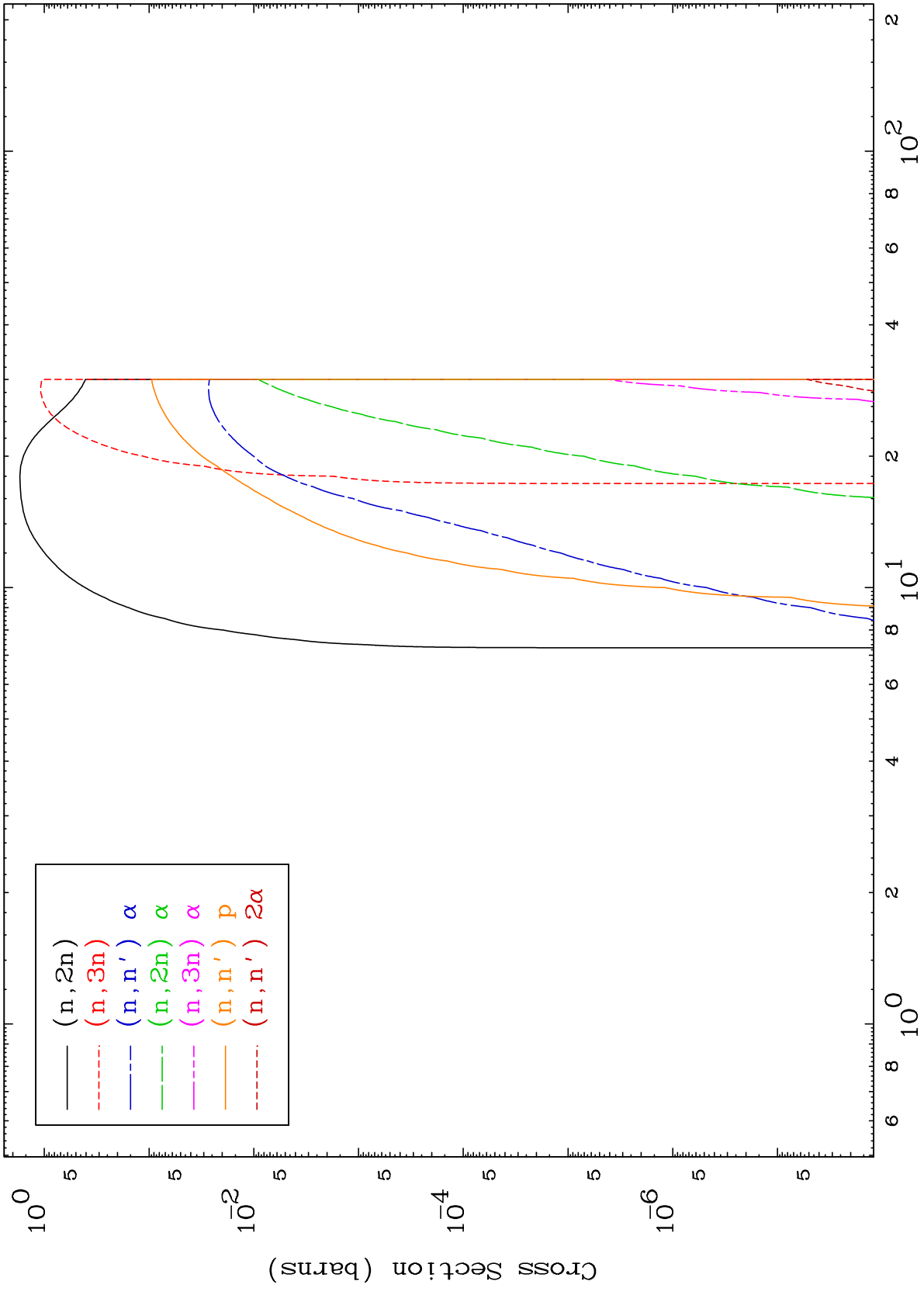
58-Ce-137



MAT 5829

Neutron Production
293 Kelvin Cross Sections

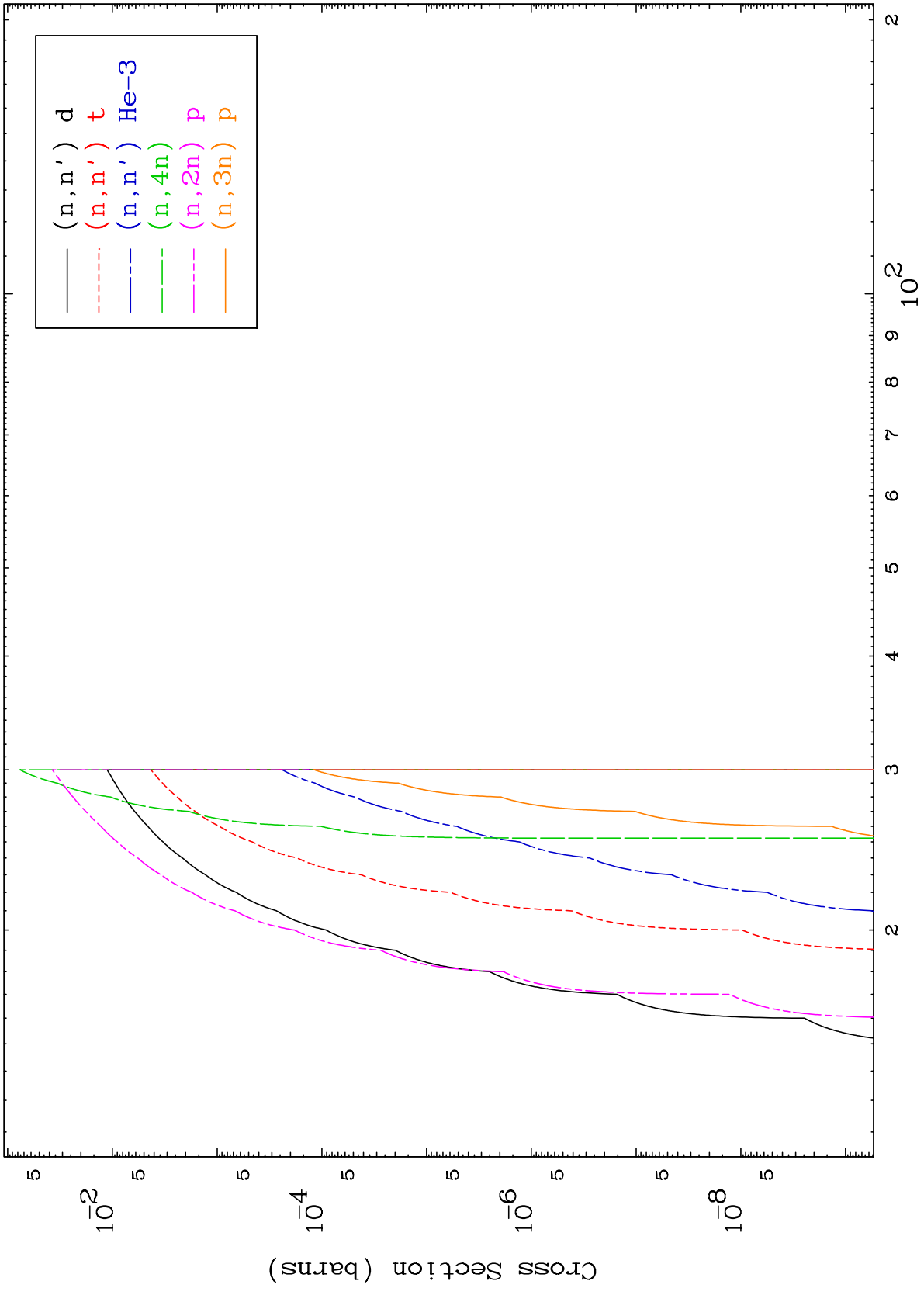
58-Ce-137



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Incident Energy (MeV)

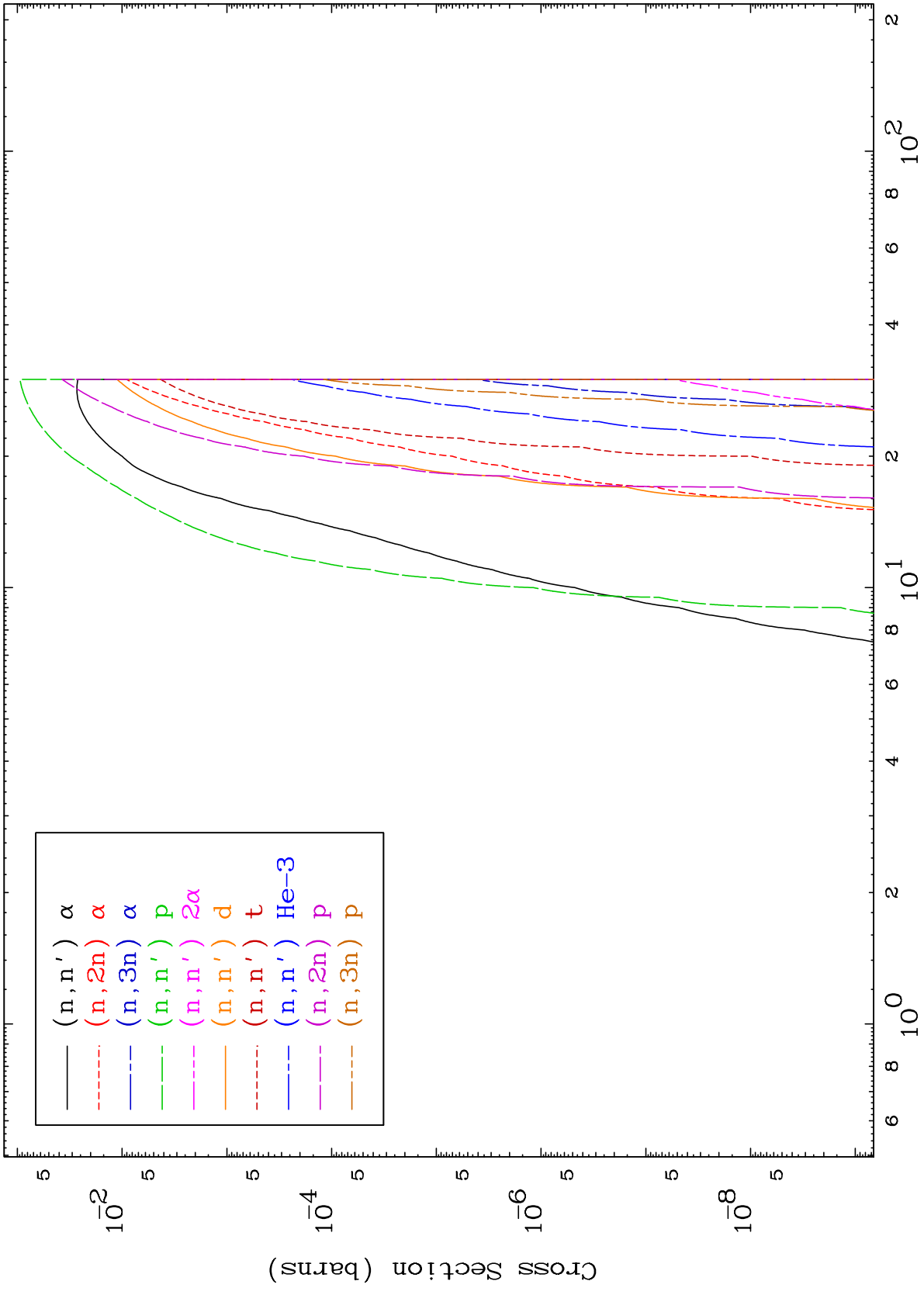
58-Ce-137



MAT 5829

Charged Particle
293 Kelvin Cross Sections

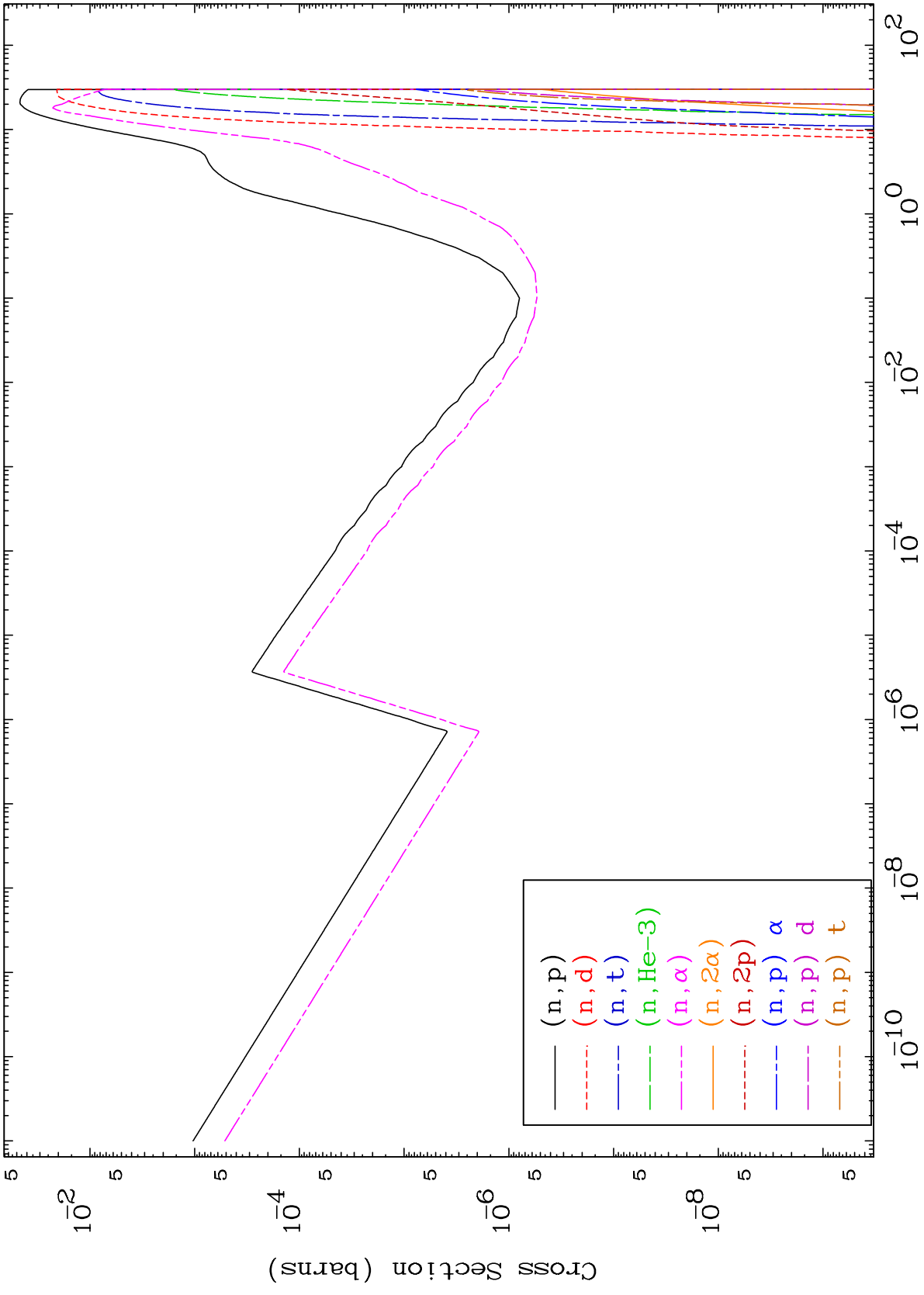
58-Ce-137



MAT 5829

Charged Particle
293 Kelvin Cross Sections

58-Ce-137

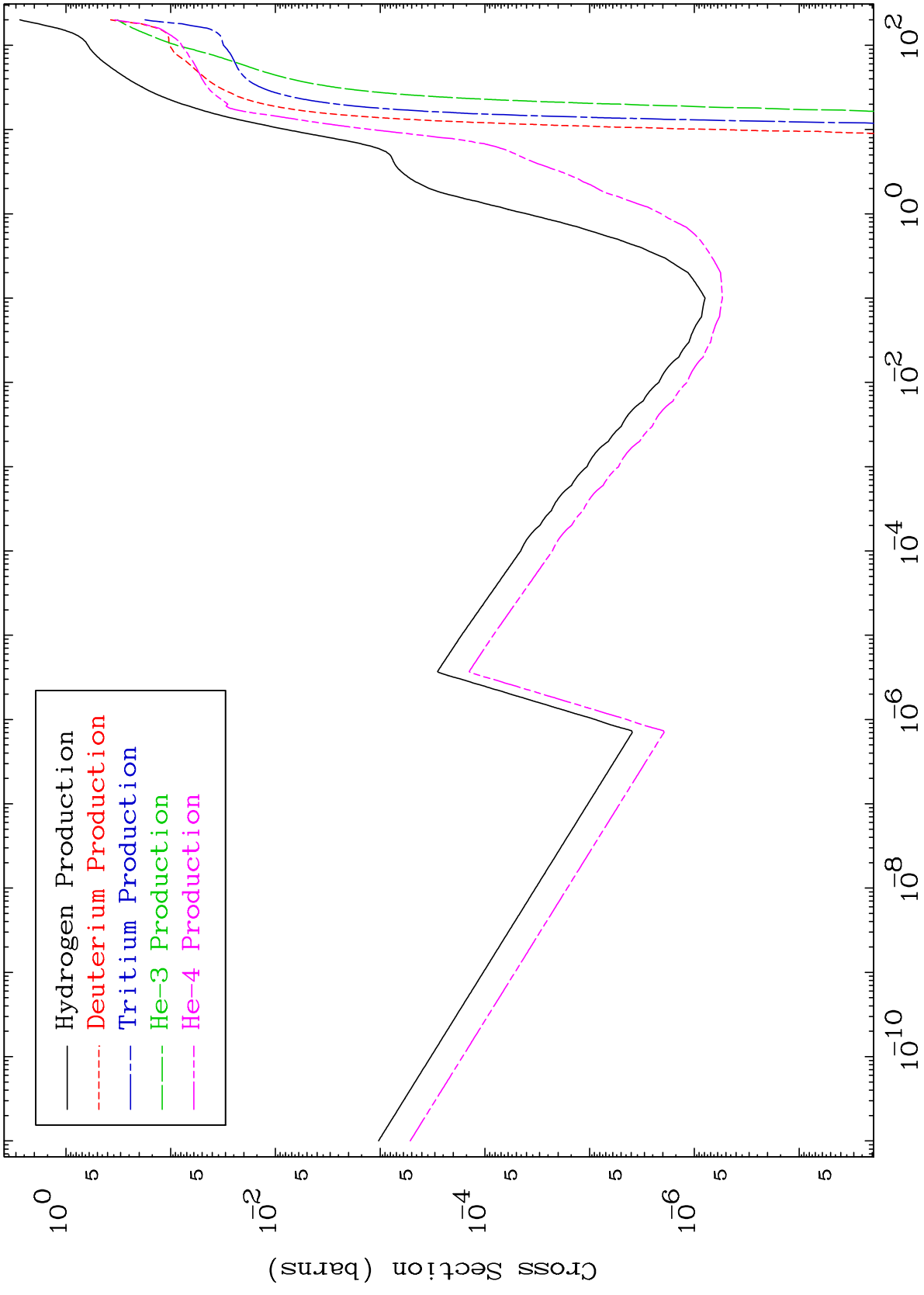


58-Ce-137

MAT 5829

Particle Production
293 Kelvin Cross Sections

58-Ce-137

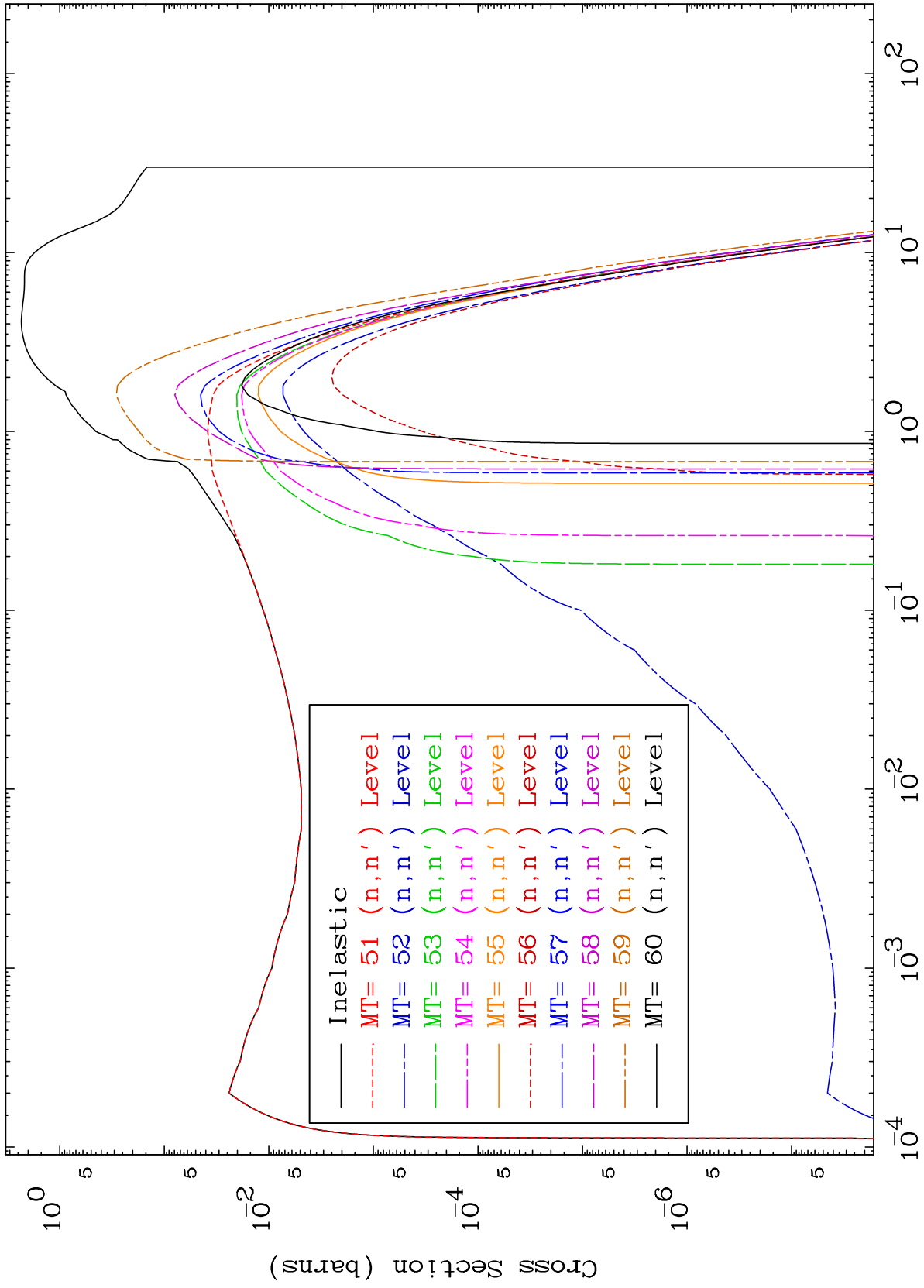


58-Ce-137

MAT 5829

(n,n') Level
293 Kelvin Cross Sections

58-Ce-137



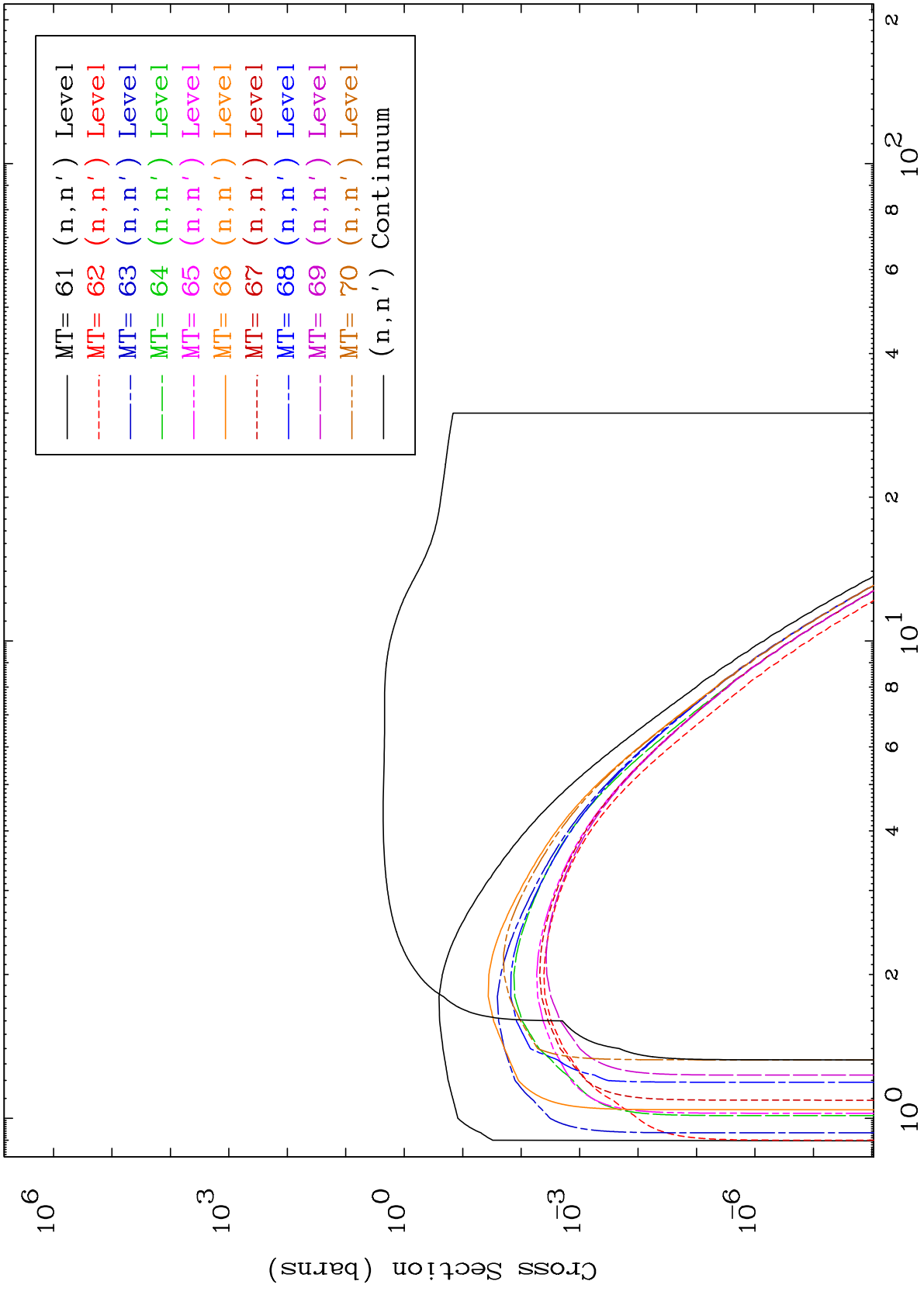
7

58-Ce-137

MAT 5829

(n,n') Level
293 Kelvin Cross Sections

58-Ce-137



8

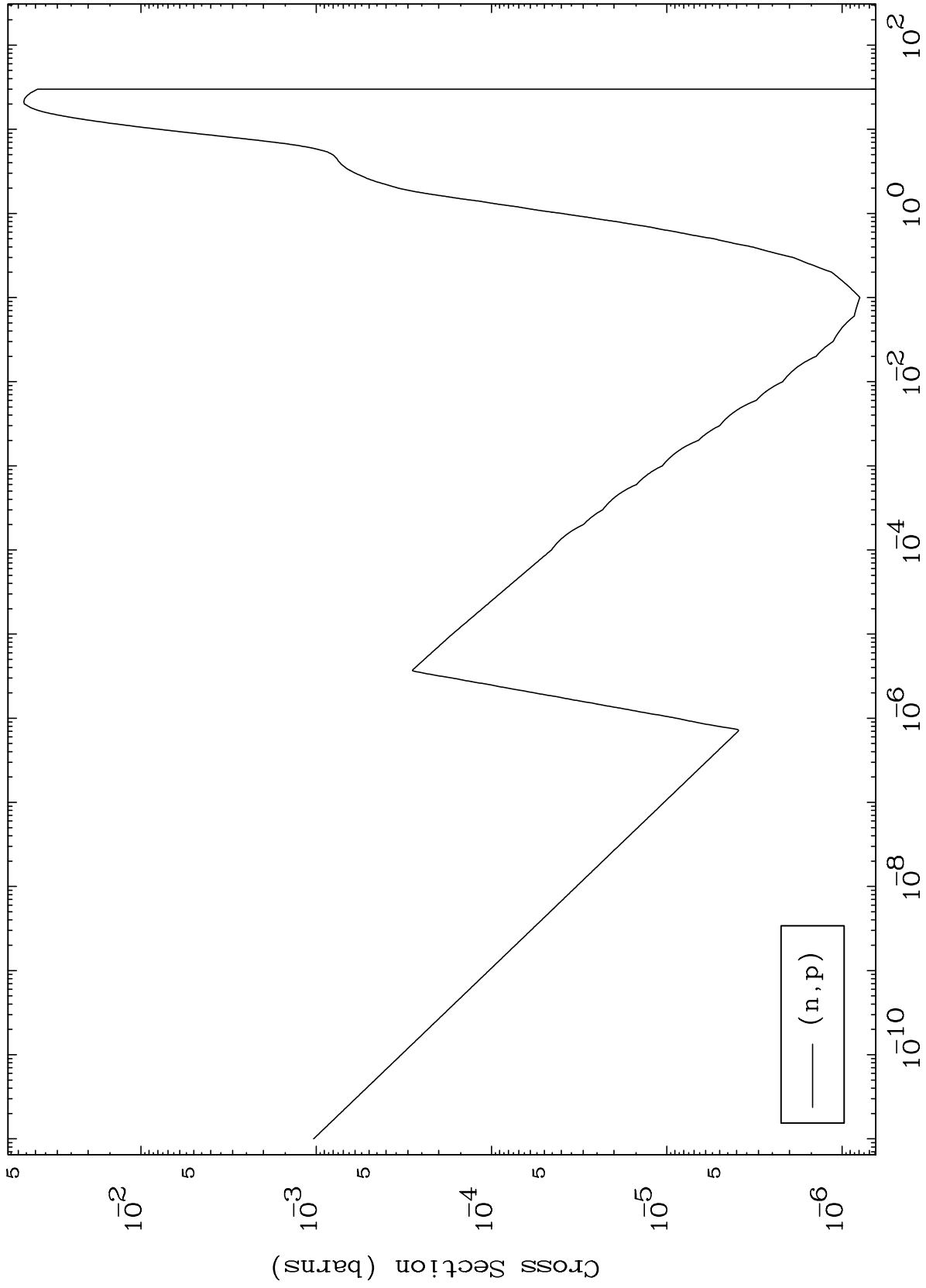
Incident Energy (MeV)

58-Ce-137

MAT 5829

(n,p) Levels
293 Kelvin Cross Sections

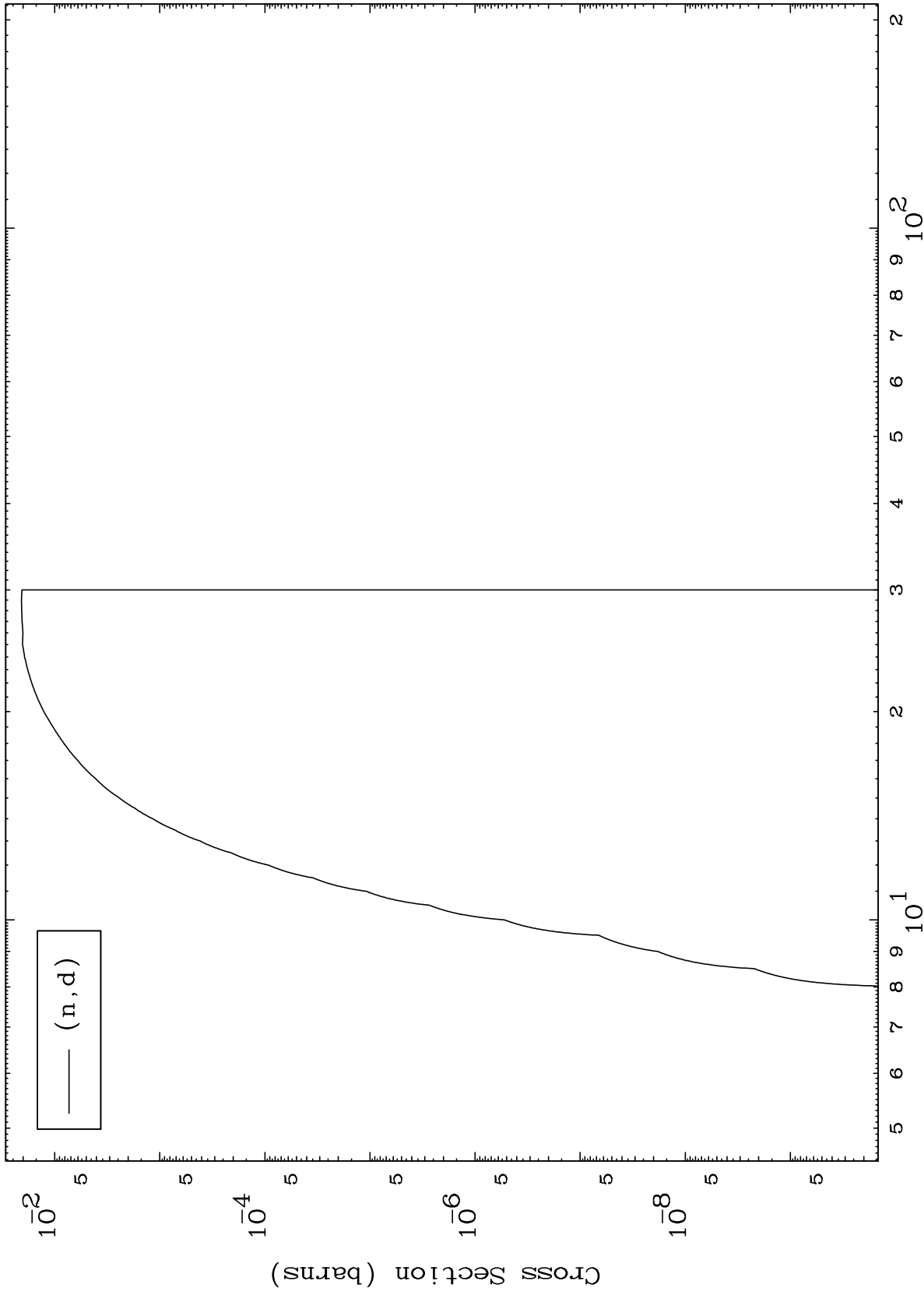
58-Ce-137



MAT 5829

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-137



10

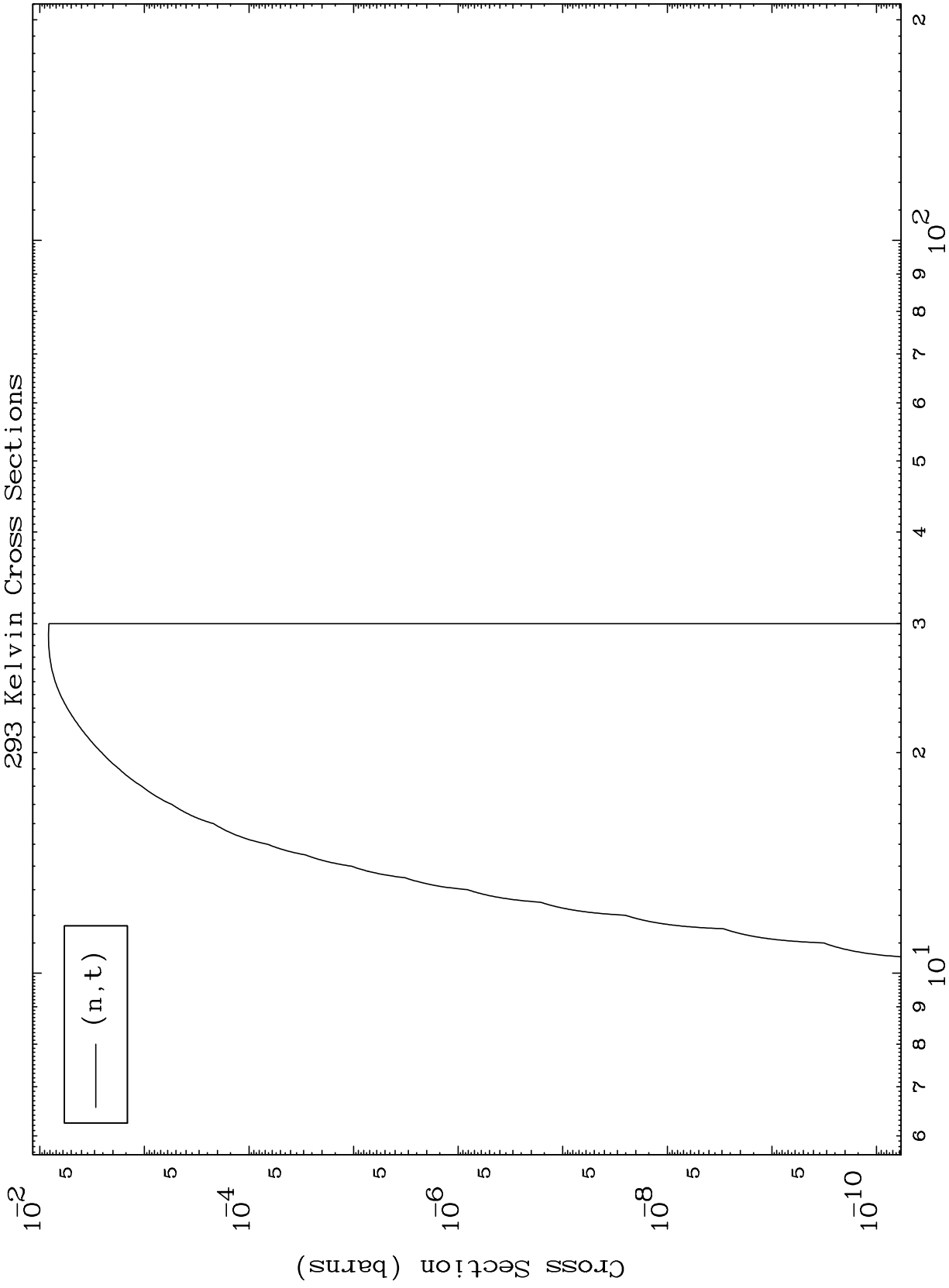
Incident Energy (MeV)

58-Ce-137

MAT 5829

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-137



11

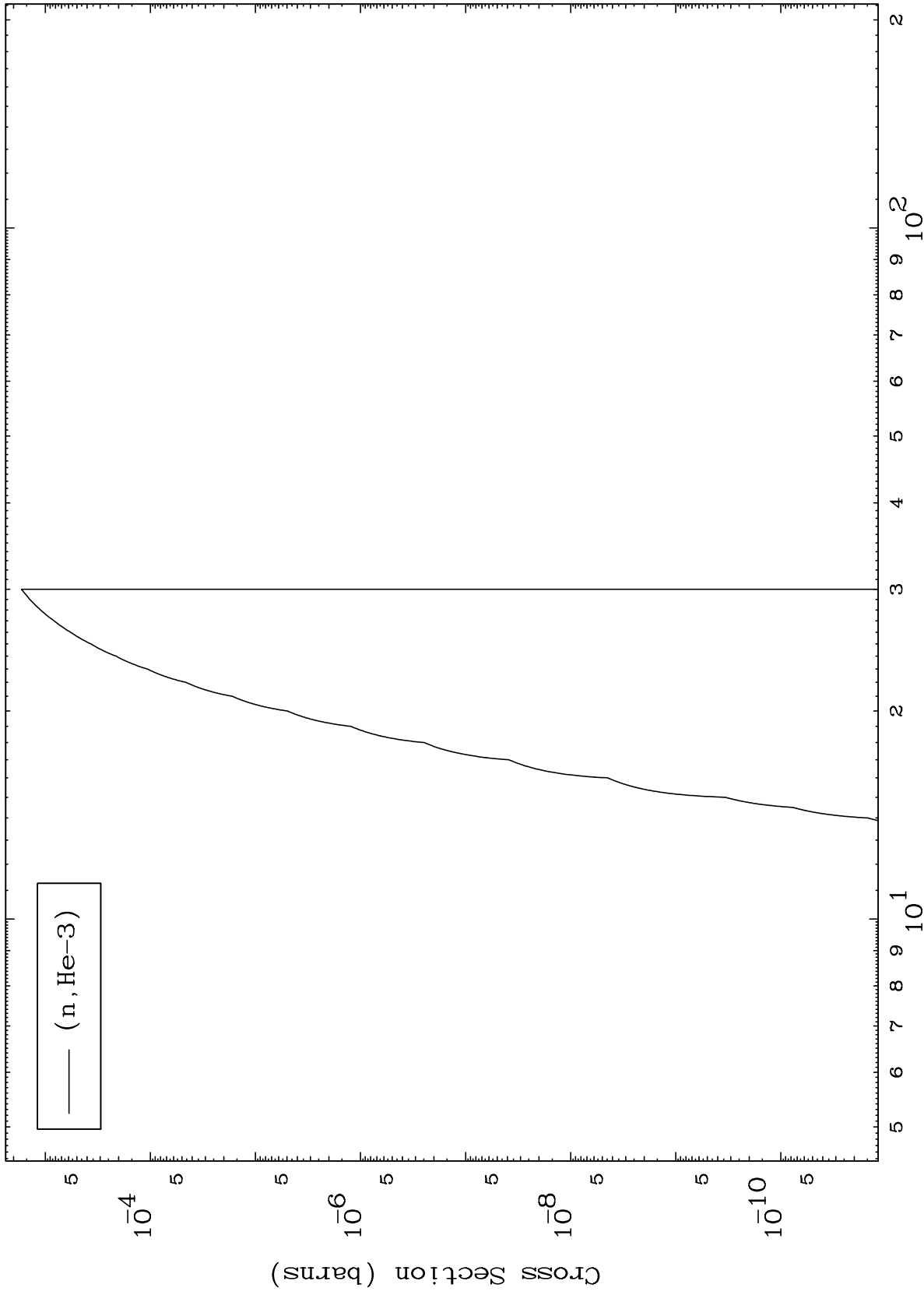
Incident Energy (MeV)

58-Ce-137

MAT 5829

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-137



12

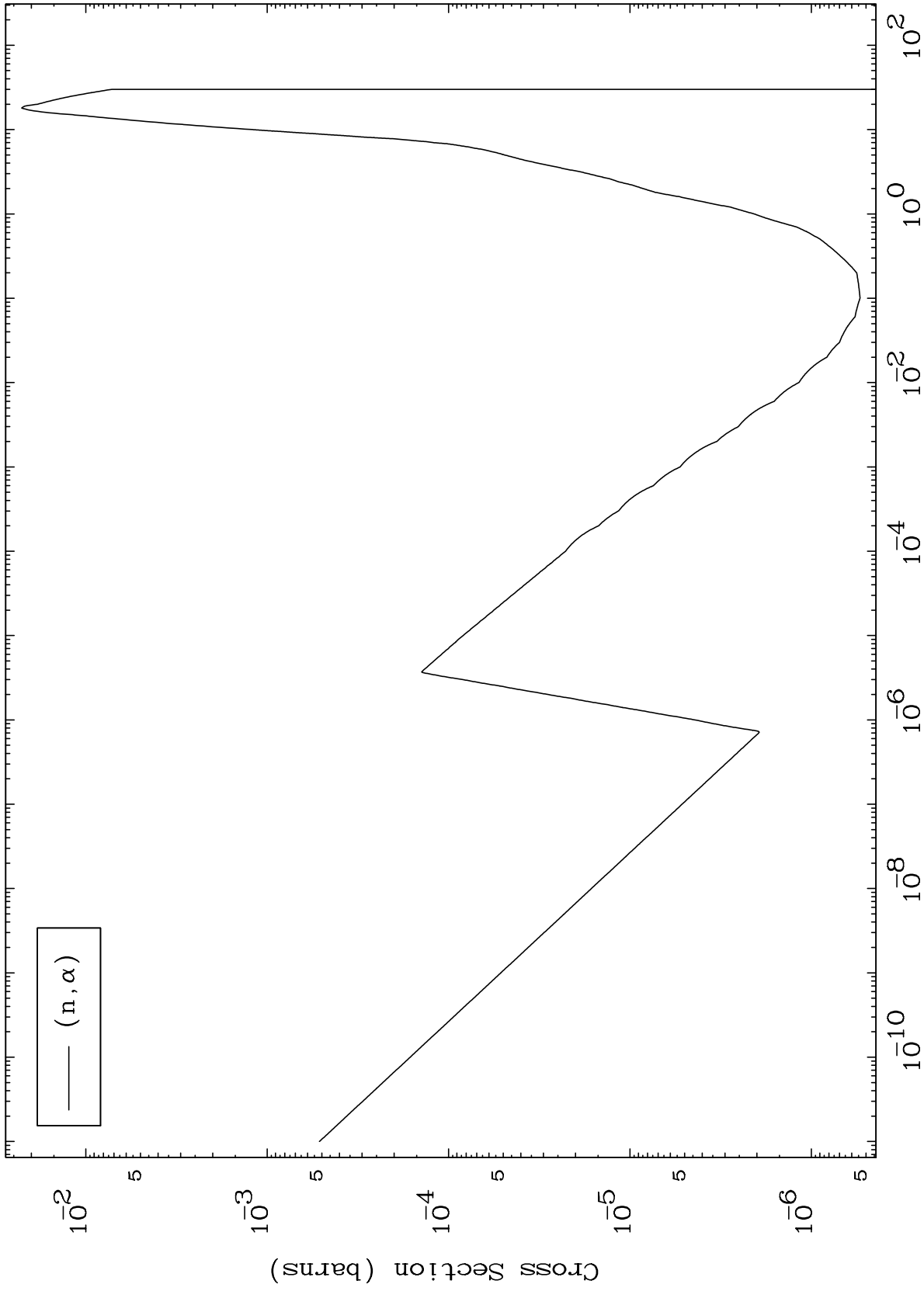
Incident Energy (MeV)

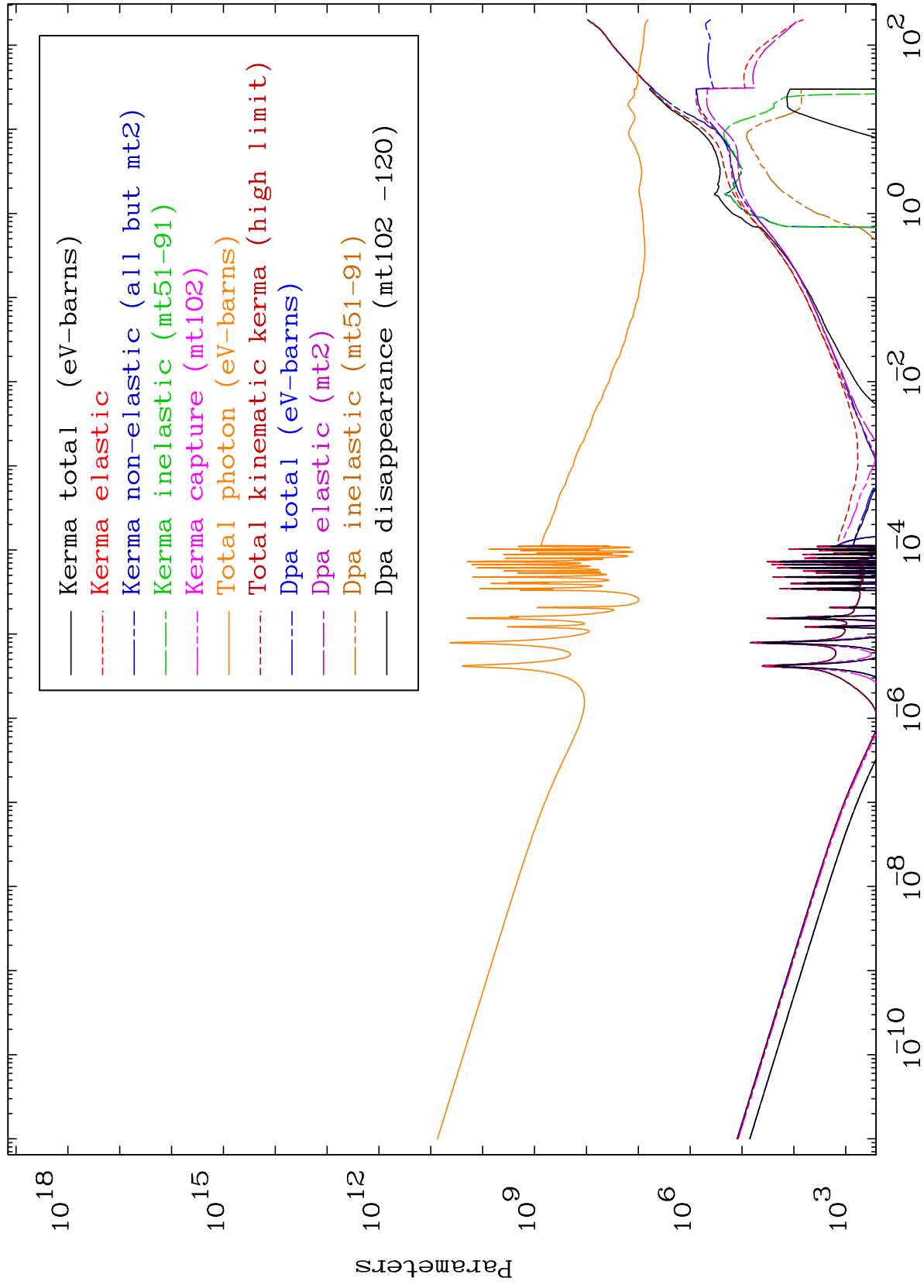
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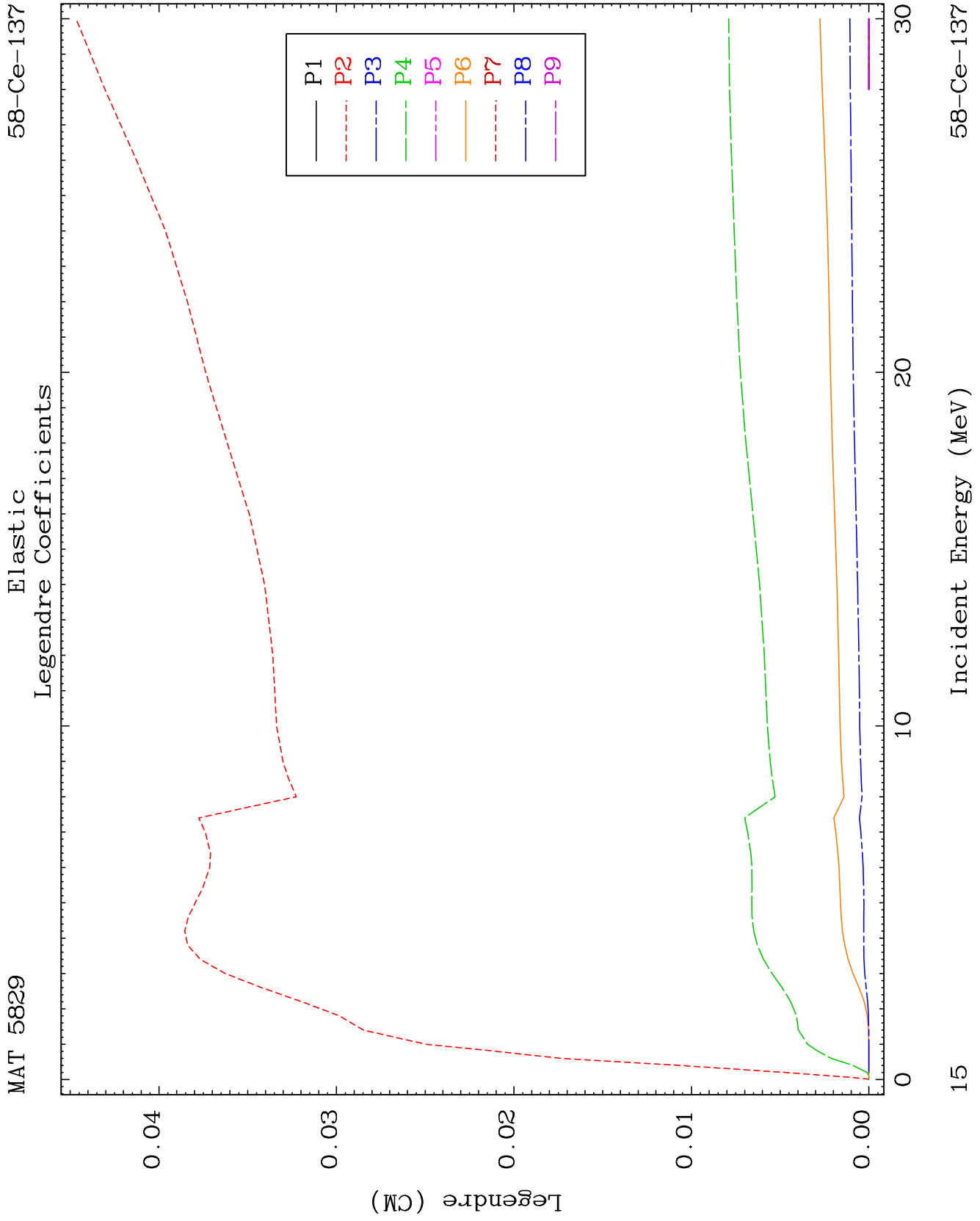
MAT 5829

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-137



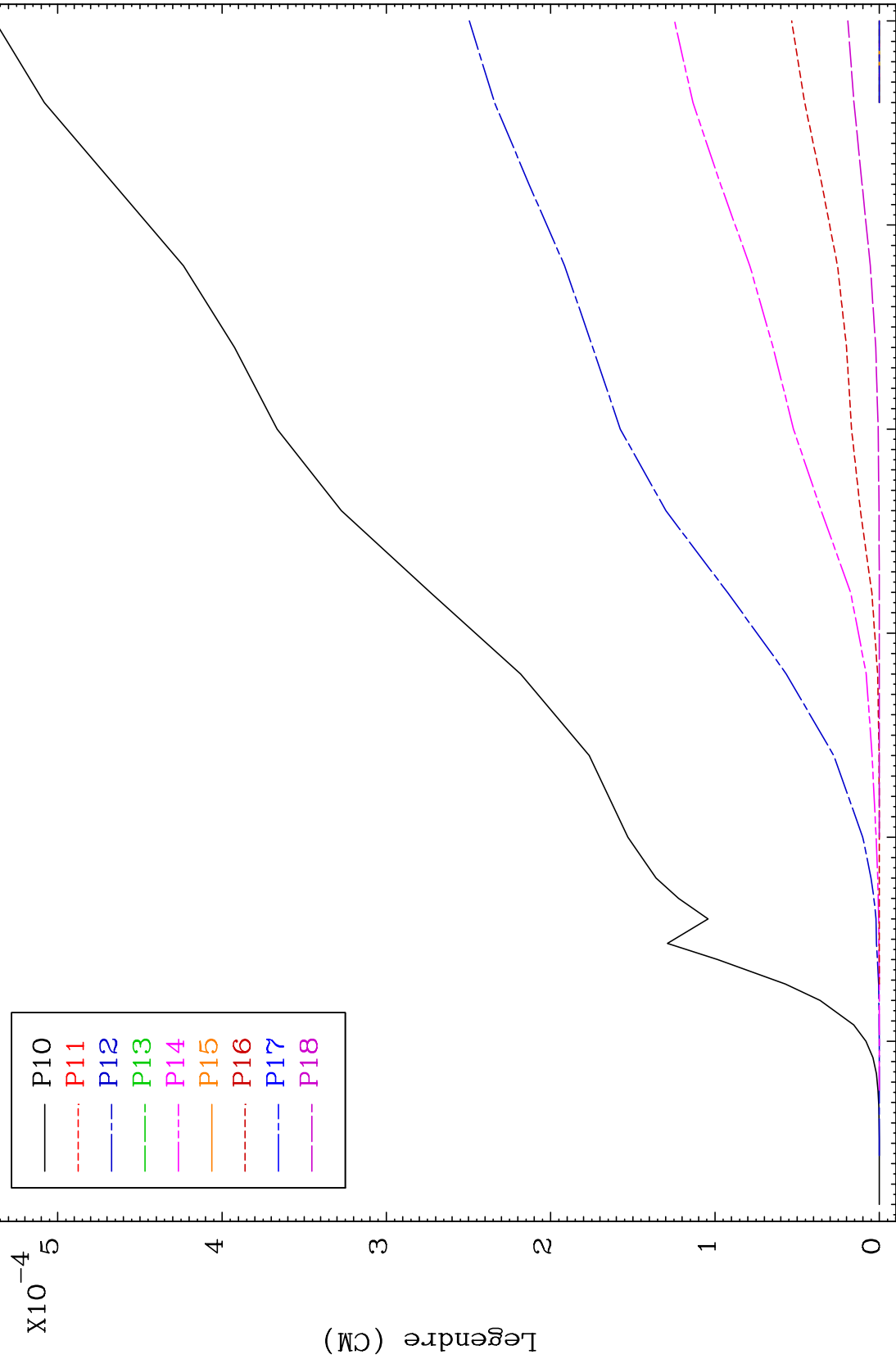
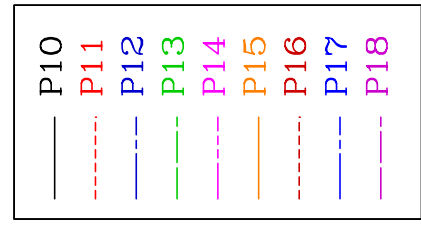




MAT 5829

Elastic Legendre Coefficients

58-Ce-137



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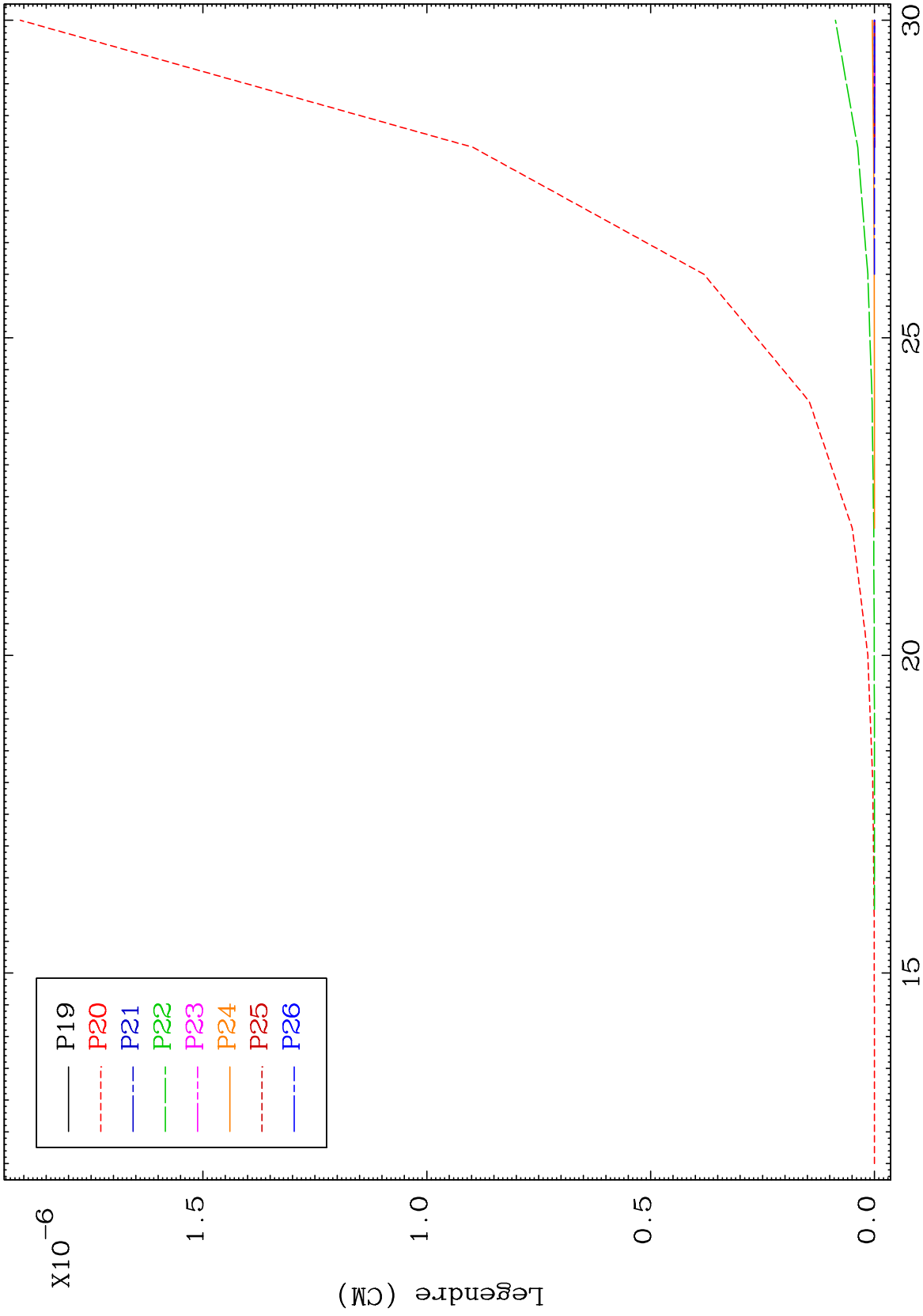
Incident Energy (MeV)

58-Ce-137

MAT 5829

Elastic Legendre Coefficients

58-Ce-137



17

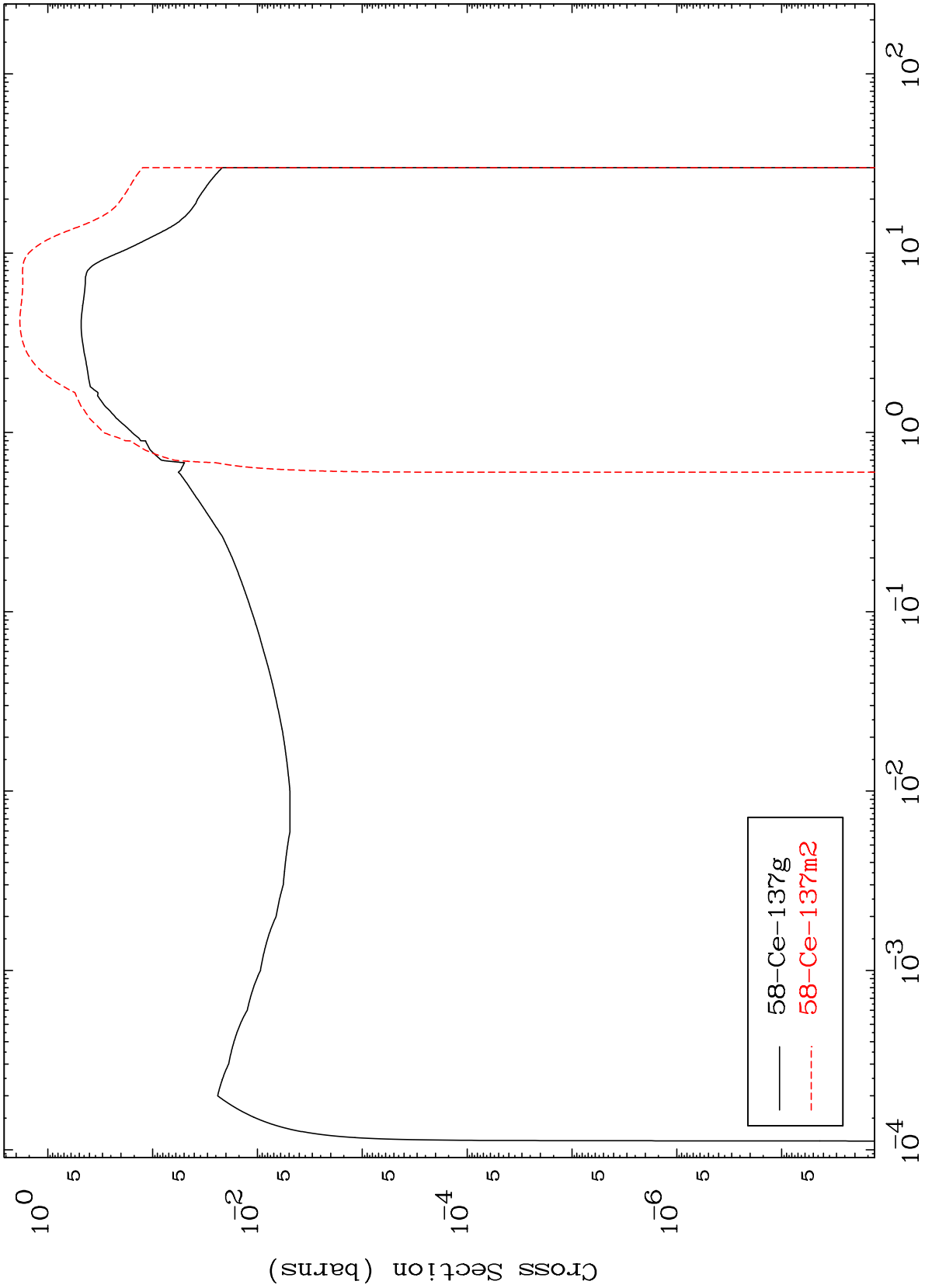
Incident Energy (MeV)

58-Ce-137

MAT 5829

58-Ce-137

Inelastic
Radionuclide Production Cross Section

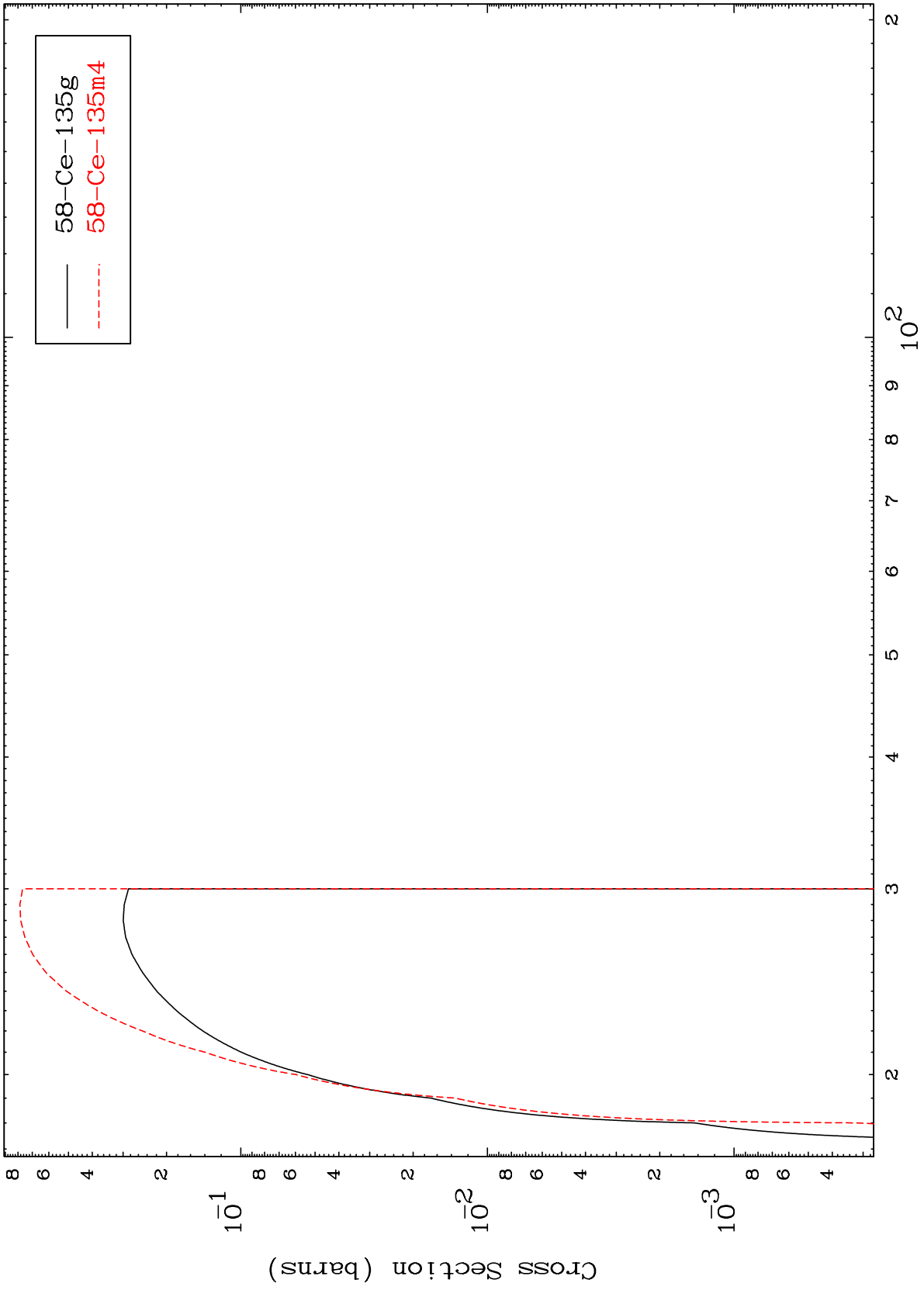


— 58-Ce-137g
- - - 58-Ce-137m2

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58-Ce-137

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

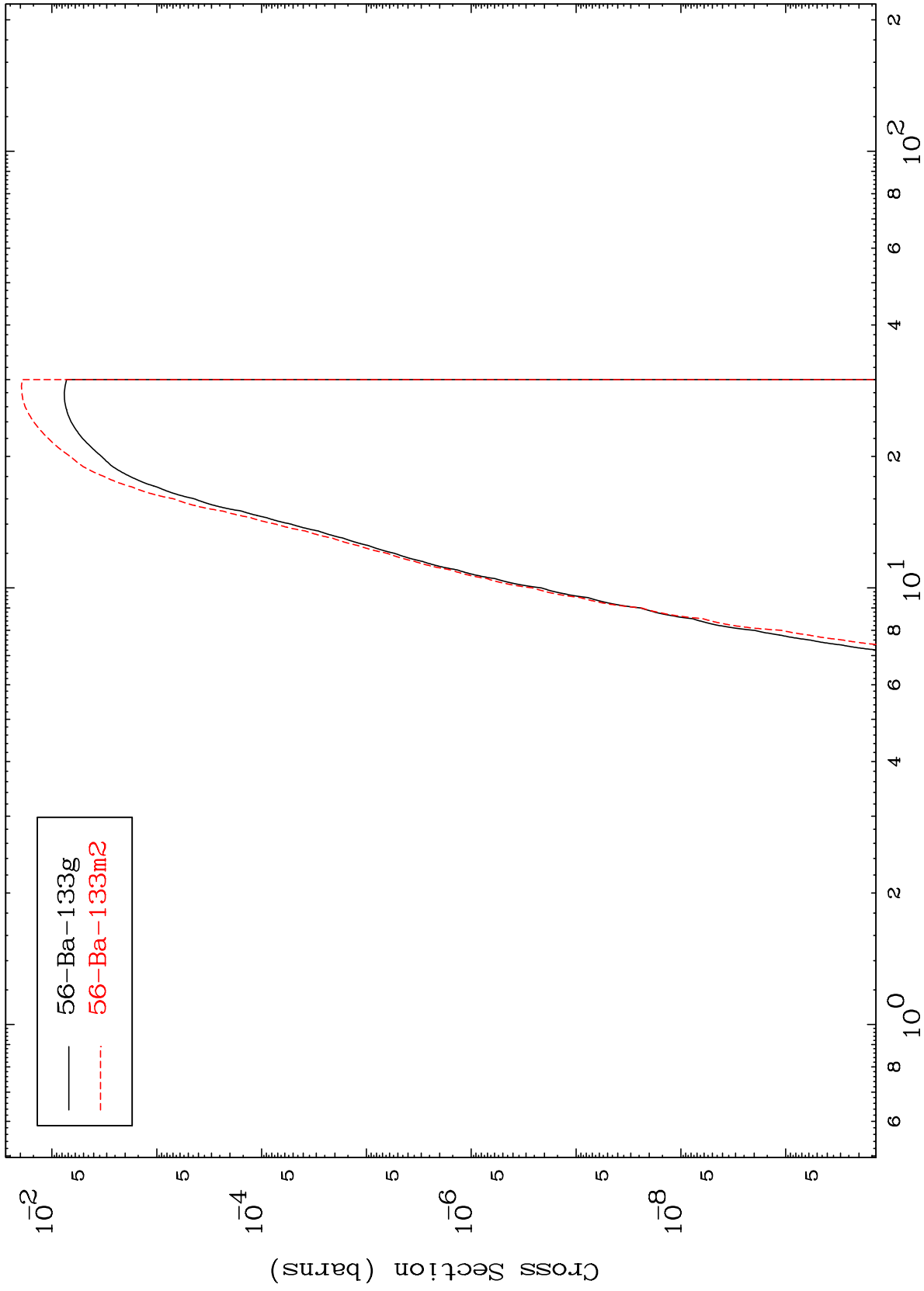
58-Ce-137

MAT 5829

(n,n') α

58-Ce-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

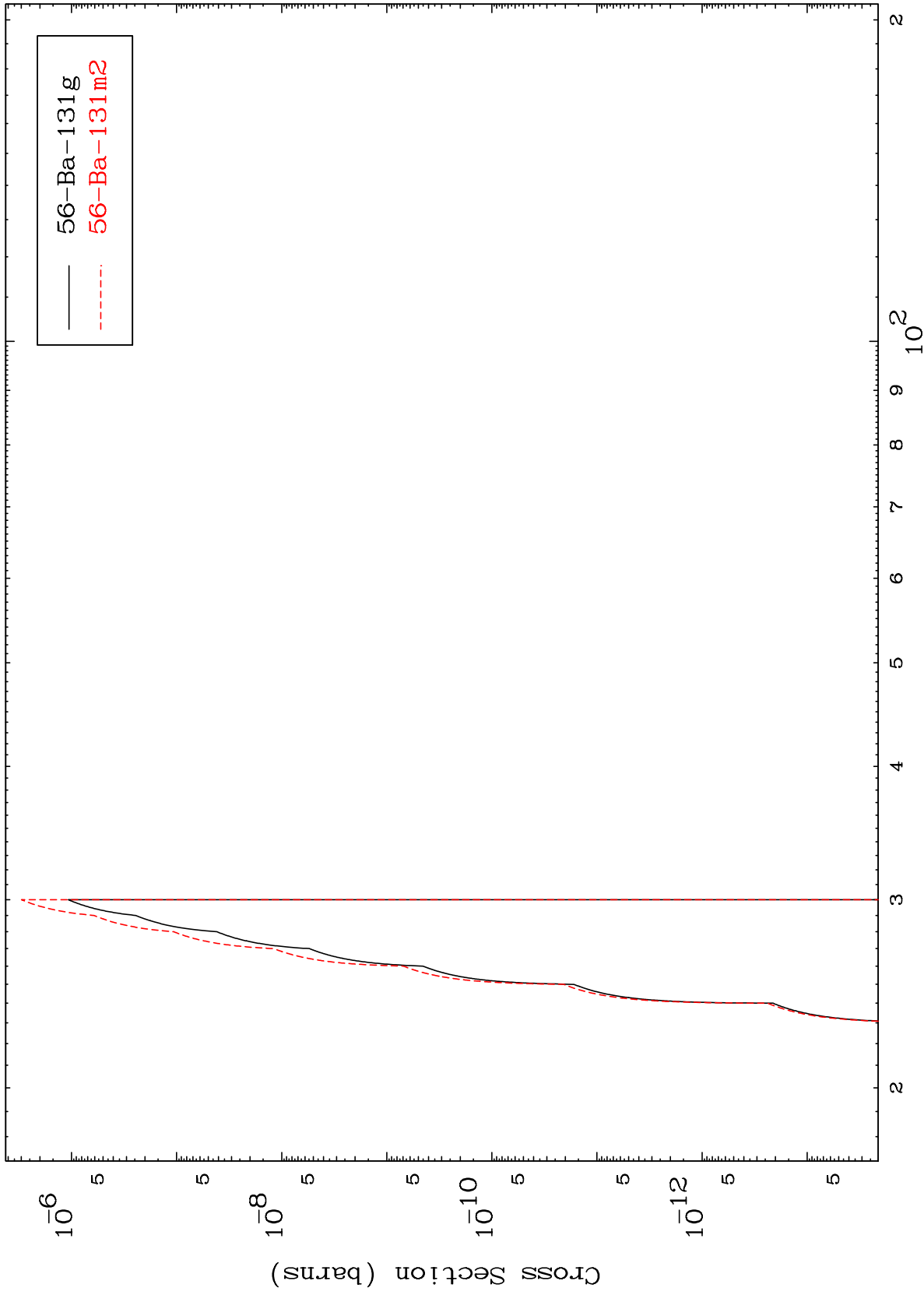
58-Ce-137

MAT 5829

(n,3n) α

58-Ce-137

Radionuclide Production Cross Section



21

Incident Energy (MeV)

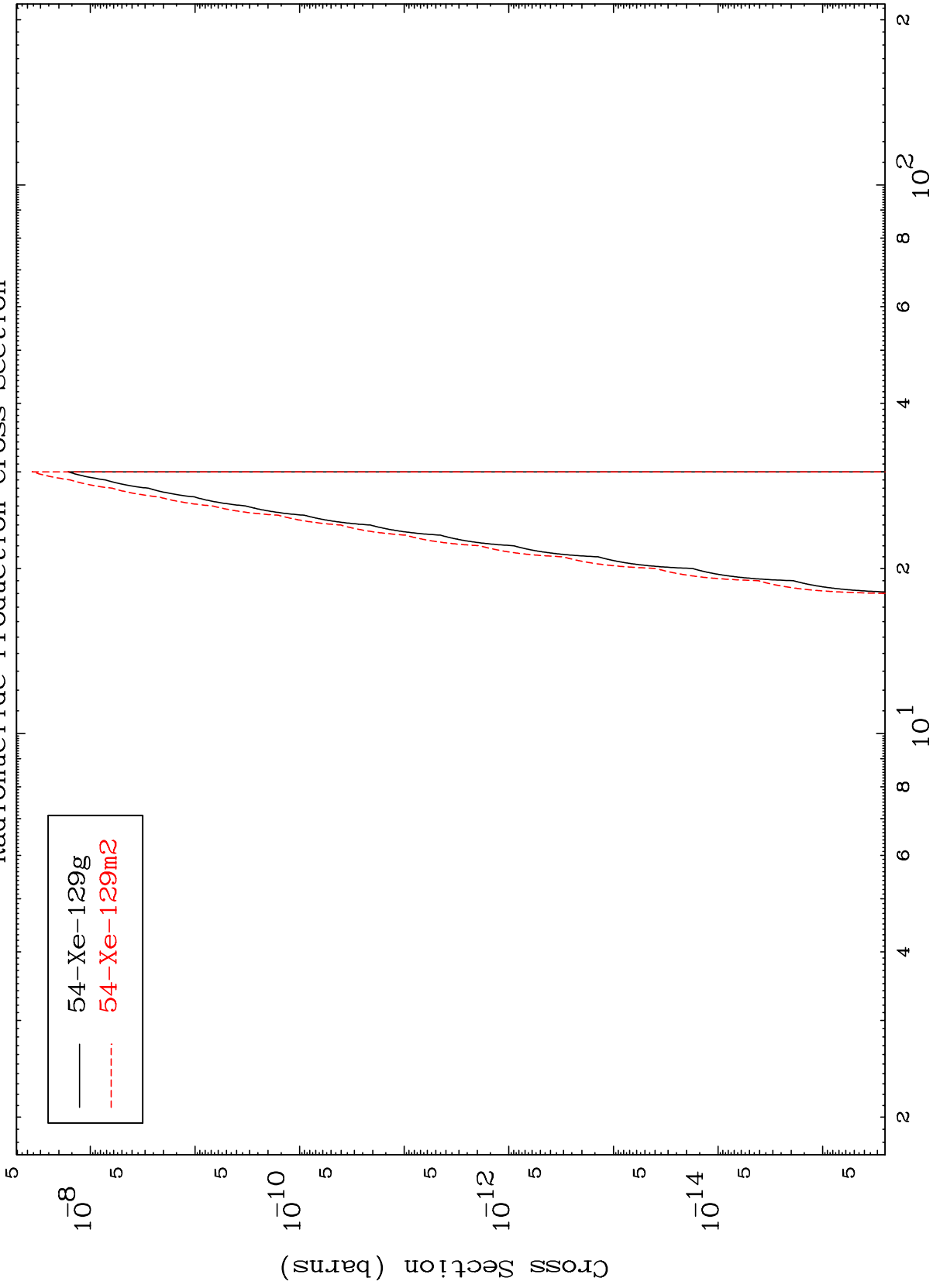
58-Ce-137

MAT 5829

(n,n') 2α

58-Ce-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

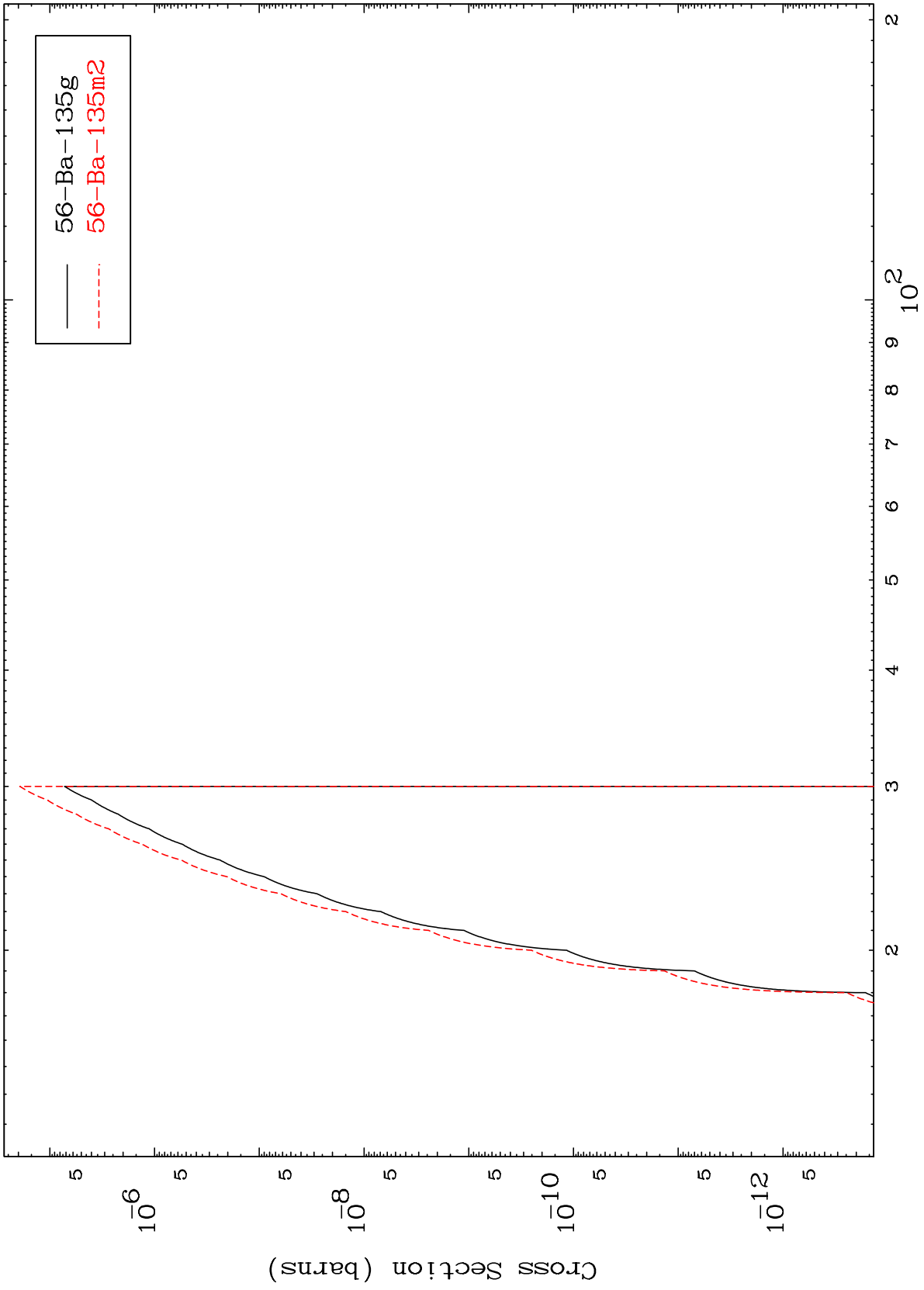
58-Ce-137

MAT 5829

(n,2n) p

58-Ce-137

Radionuclide Production Cross Section



23

Incident Energy (MeV)

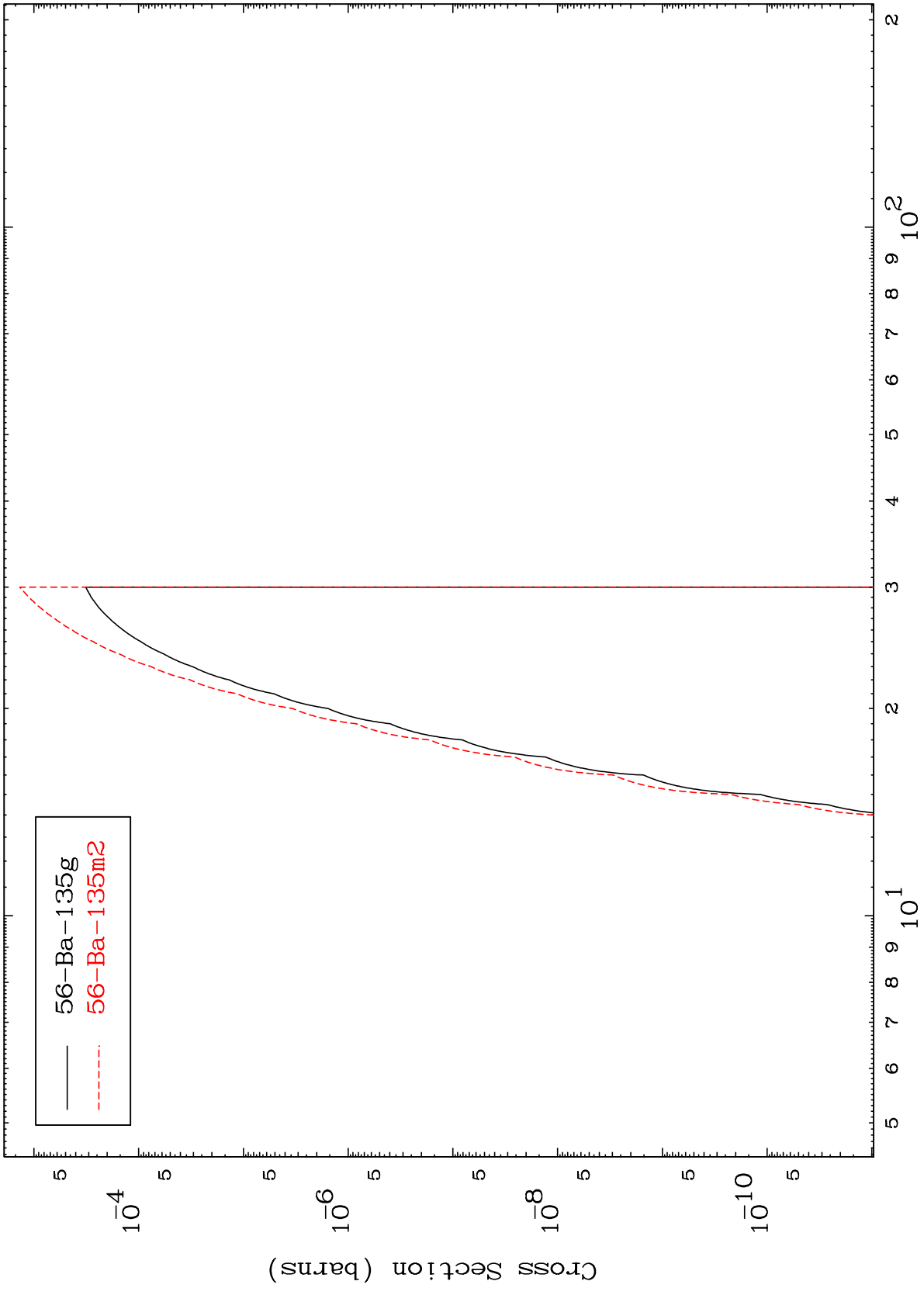
58-Ce-137

MAT 5829

(n, He-3)

58-Ce-137

Radionuclide Production Cross Section



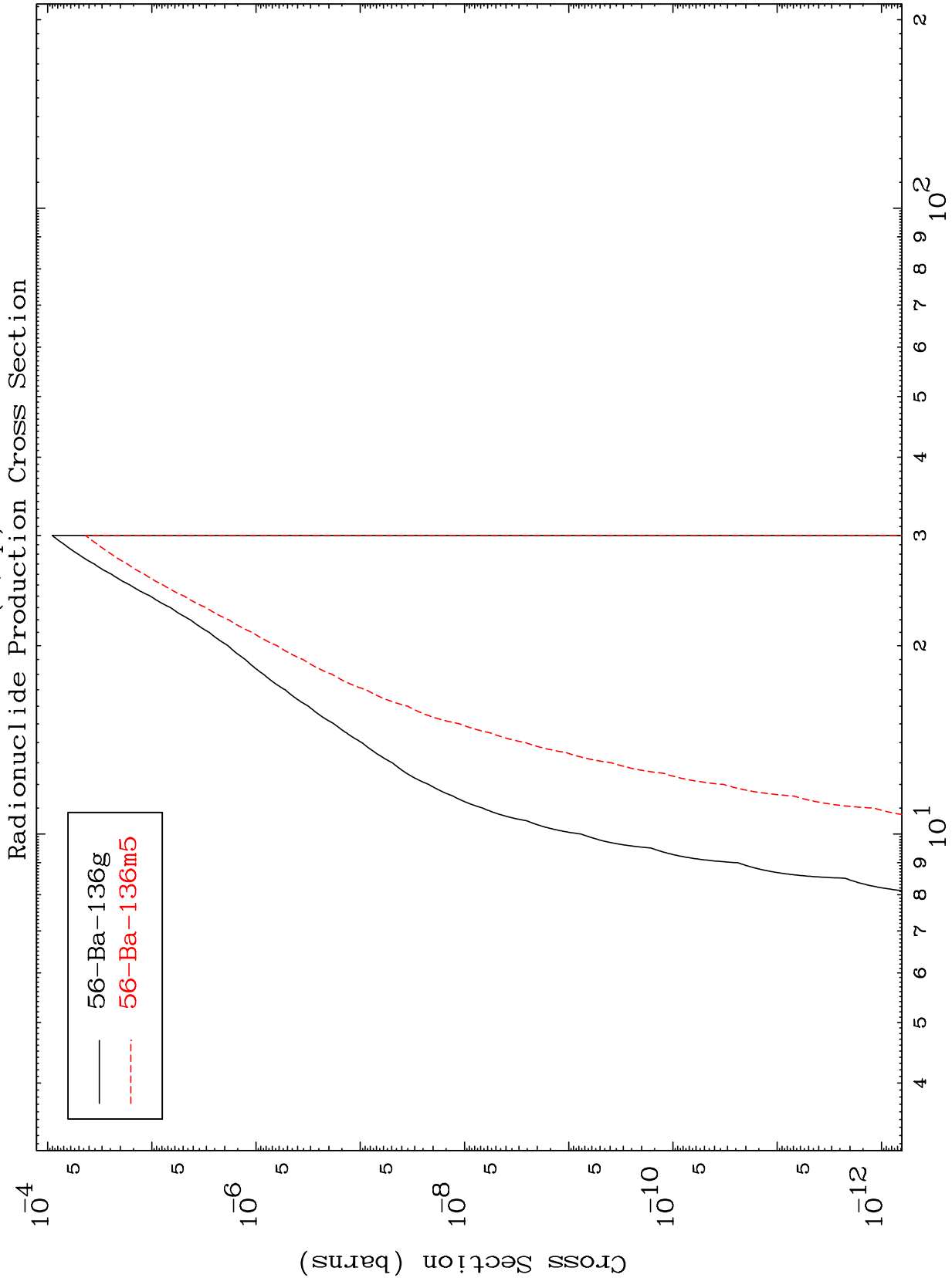
24

Incident Energy (MeV)

58-Ce-137

MAT 5829

58-Ce-137



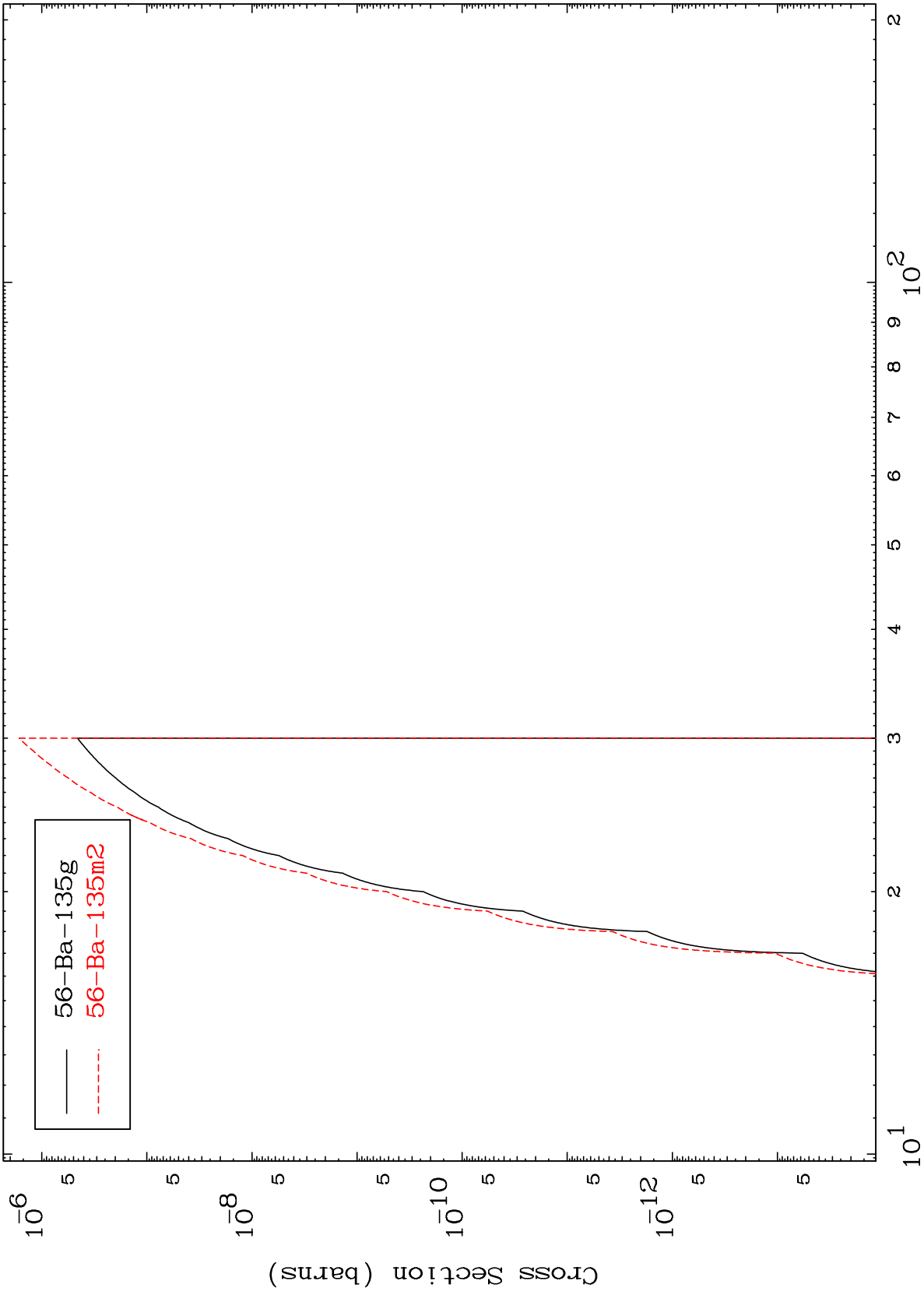
25

MAT 5829

(n,p) d

58-Ce-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

58-Ce-137