

Program EVALPLOT  
(Version 2017-1)

by

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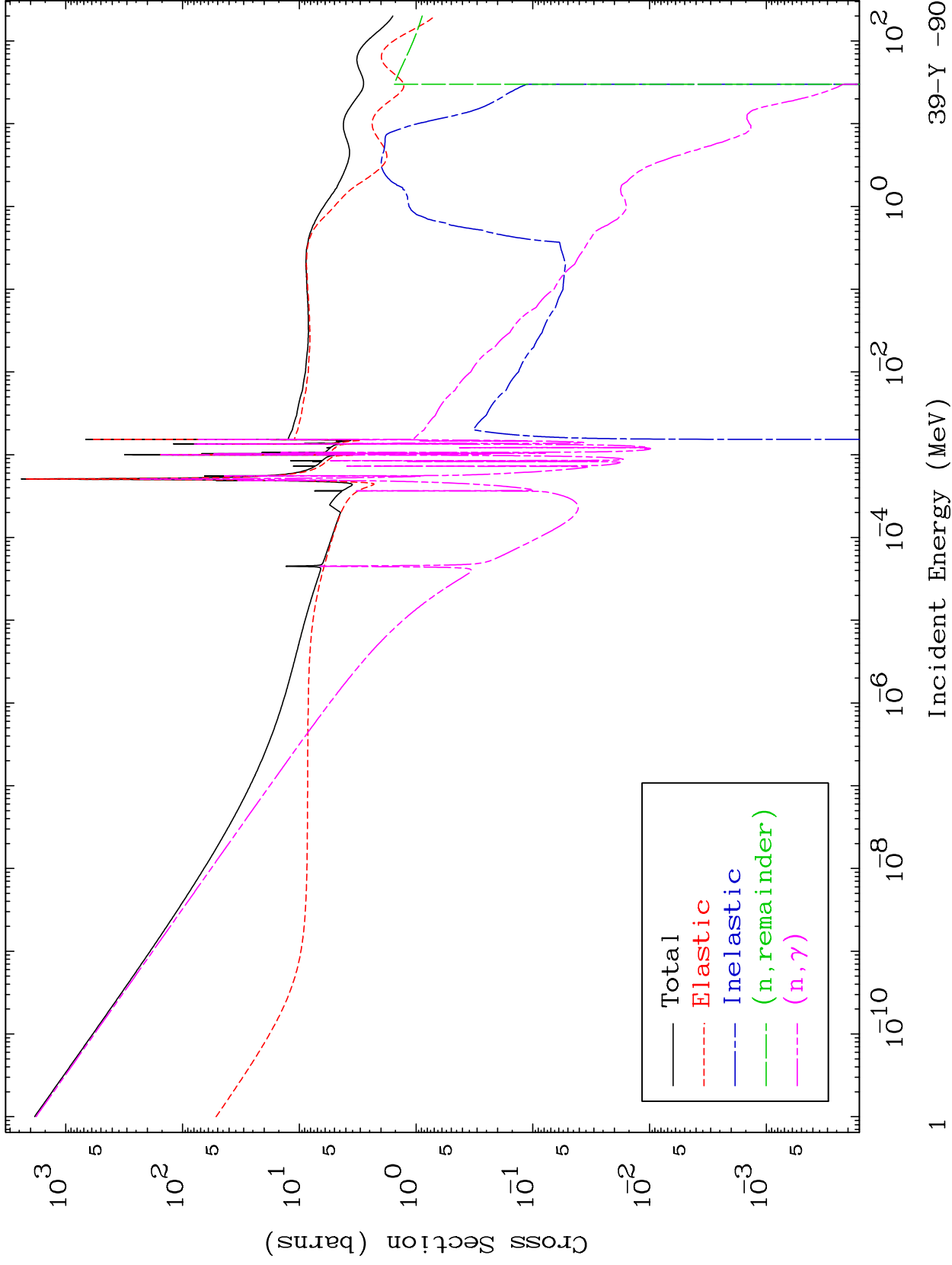
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3929

Major  
293 Kelvin Cross Sections

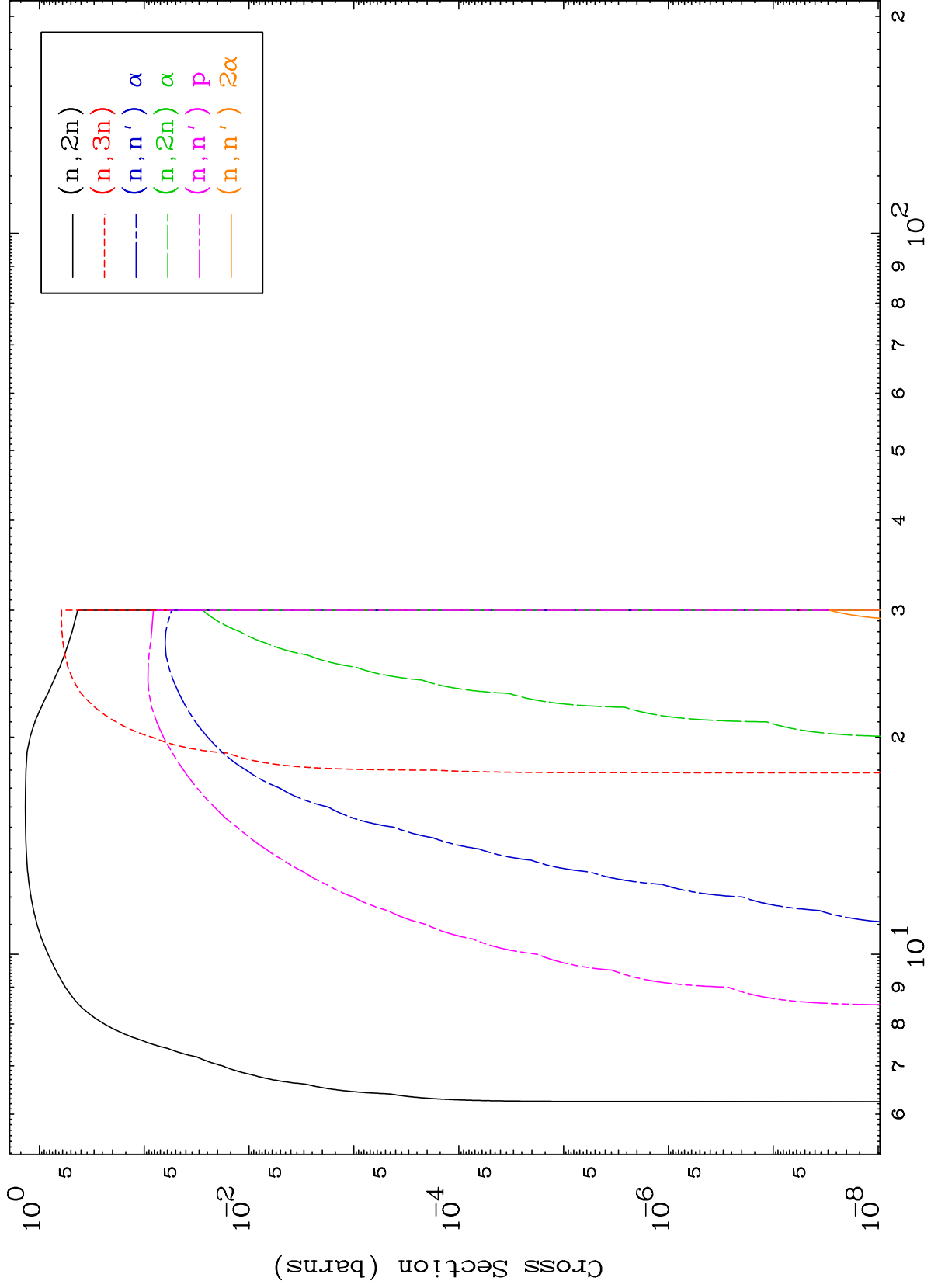
39-Y -90



MAT 3929

Neutron Production  
293 Kelvin Cross Sections

39-Y -90

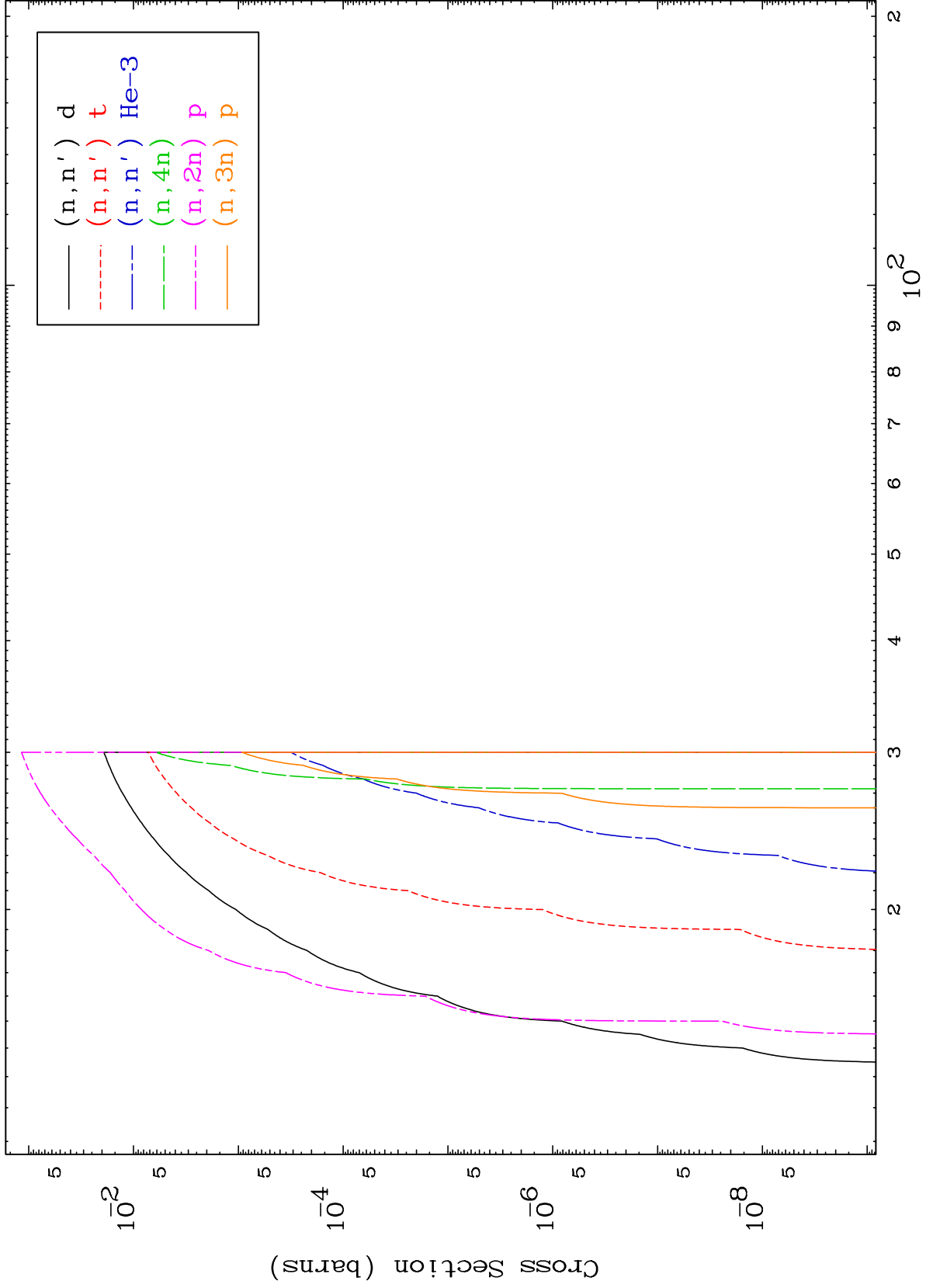


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Incident Energy (MeV)

39-Y -90

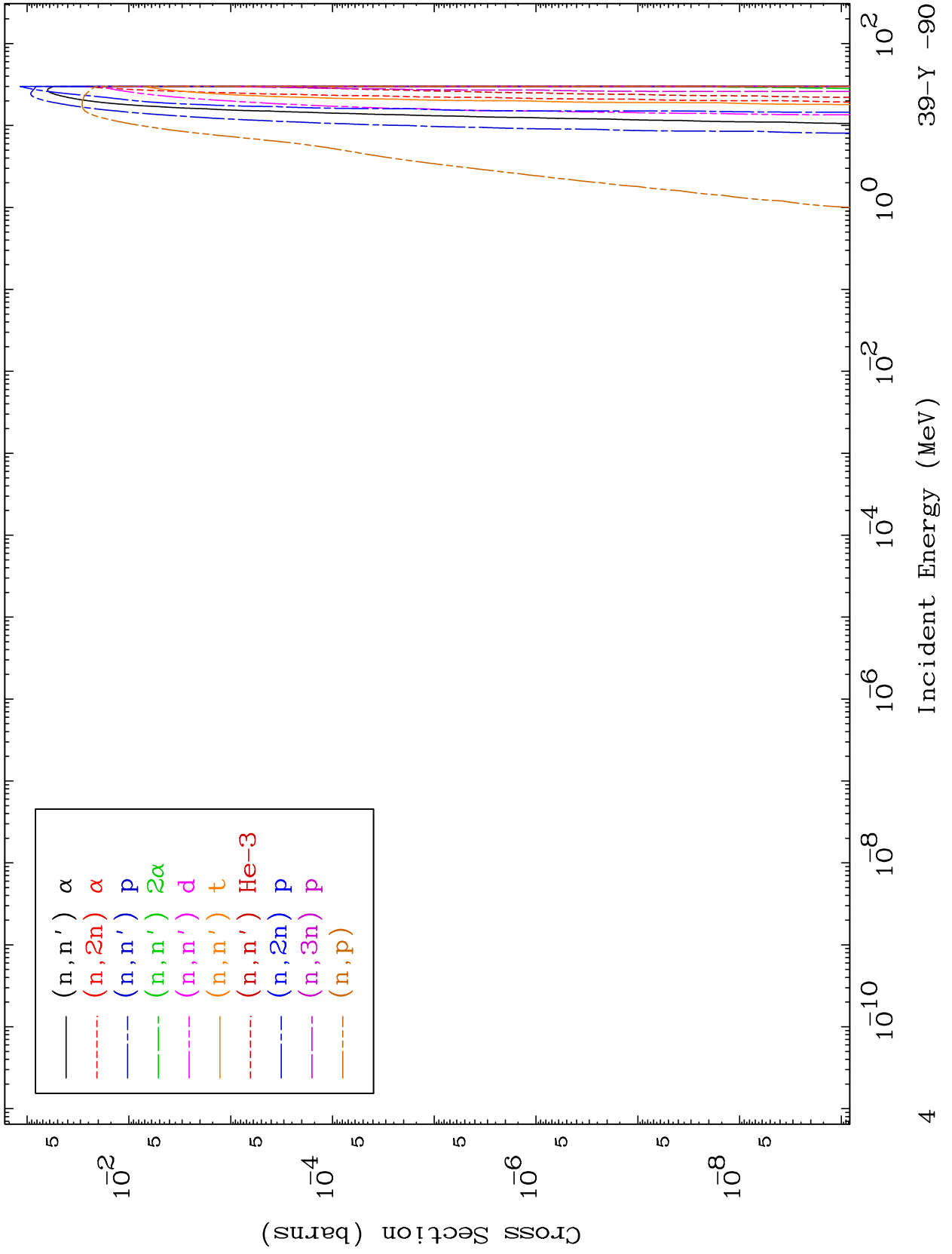
Neutron Production  
293 Kelvin Cross Sections



MAT 3929

Charged Particle  
293 Kelvin Cross Sections

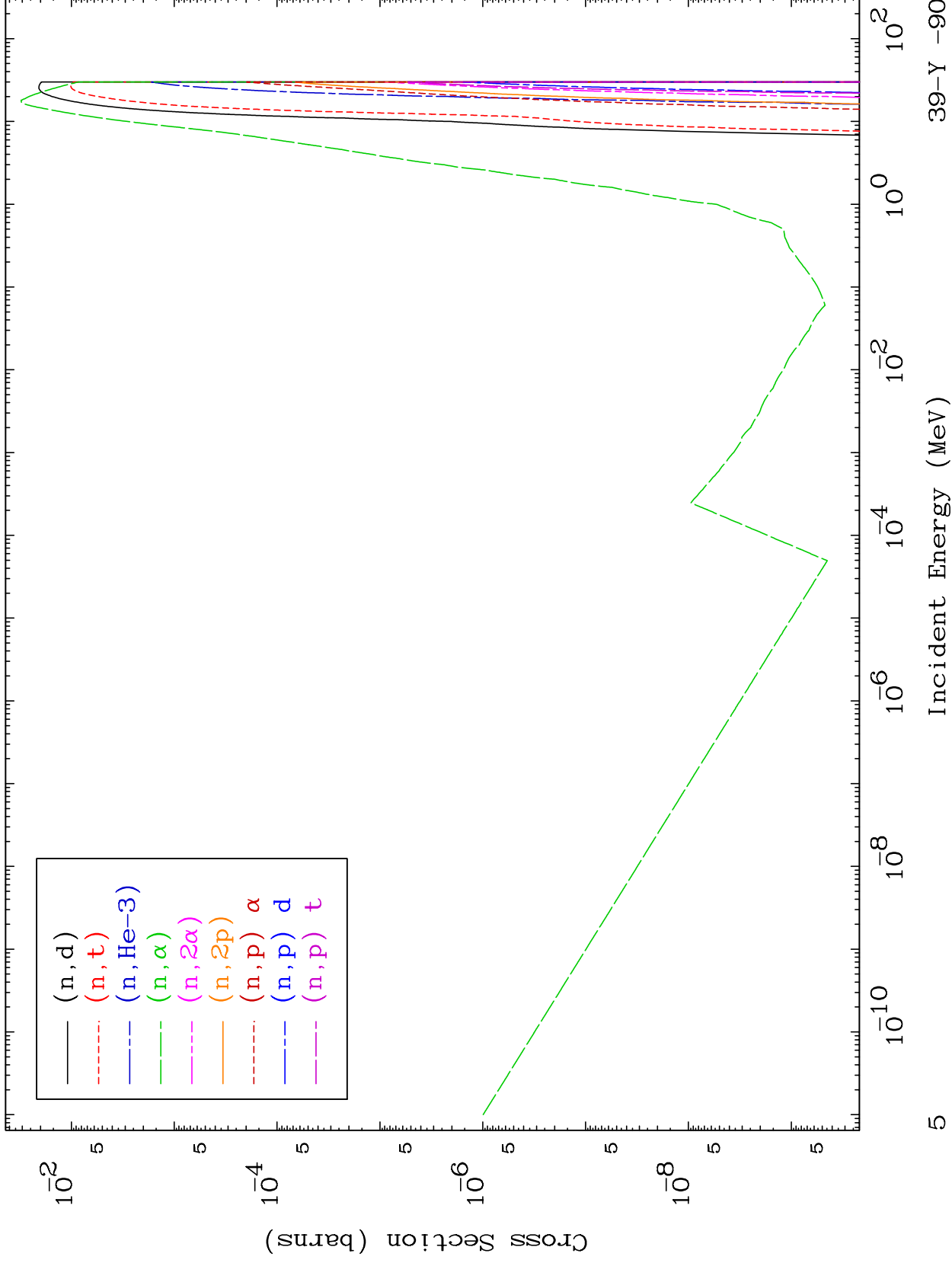
39-Y -90



MAT 3929

Charged Particle  
293 Kelvin Cross Sections

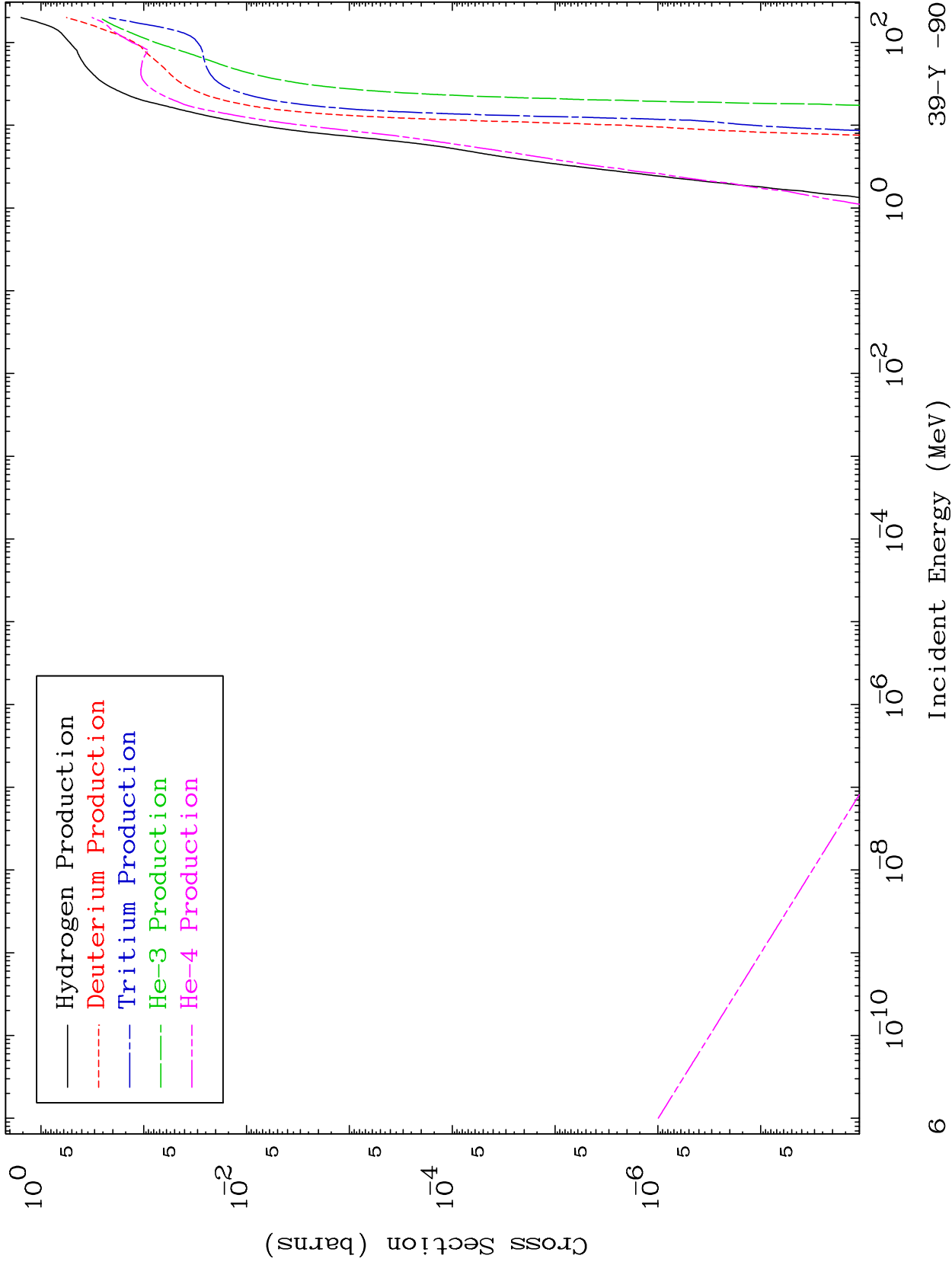
39-Y -90



MAT 3929

Particle Production  
293 Kelvin Cross Sections

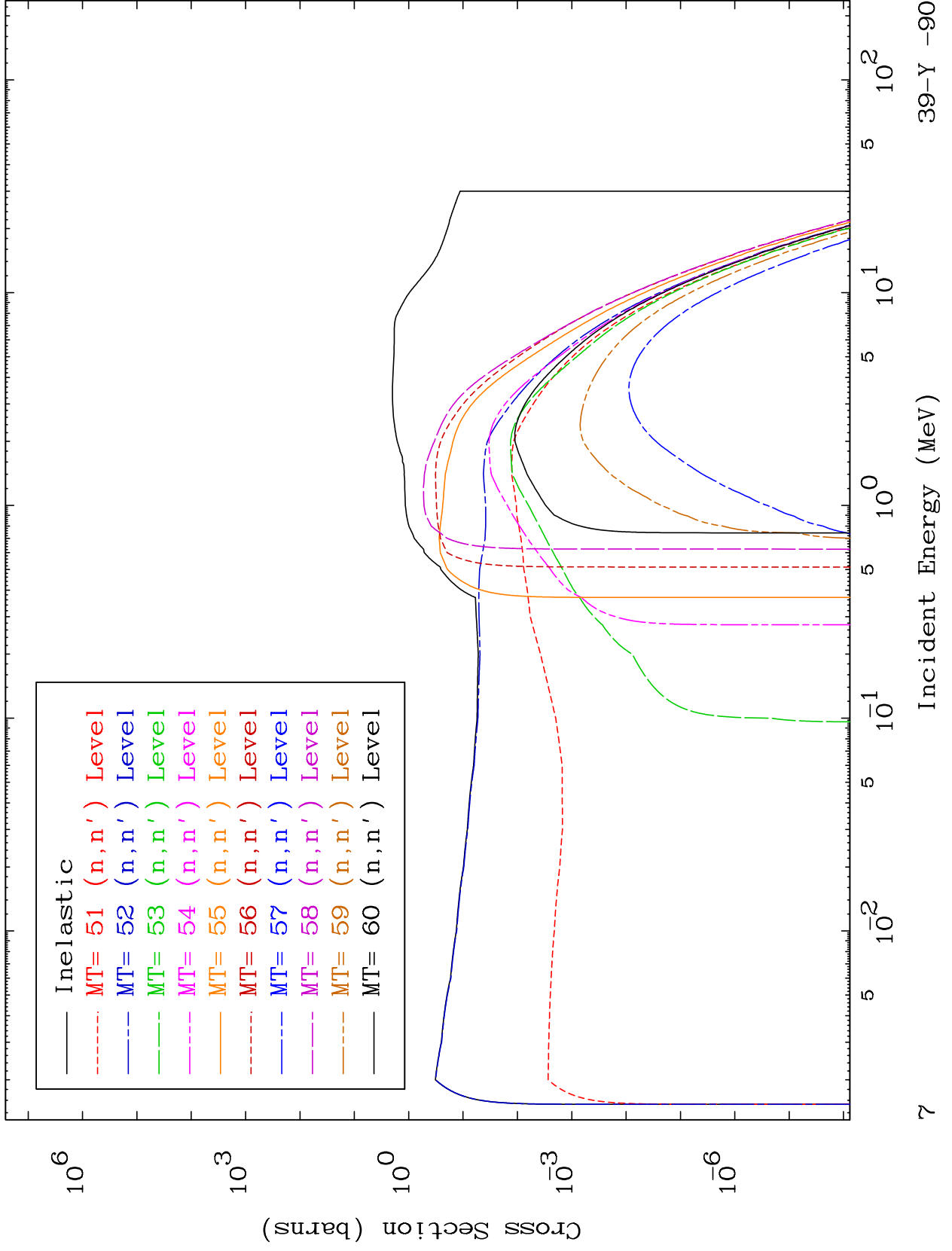
39-Y -90



MAT 3929

(n,n') Level  
293 Kelvin Cross Sections

39-Y -90



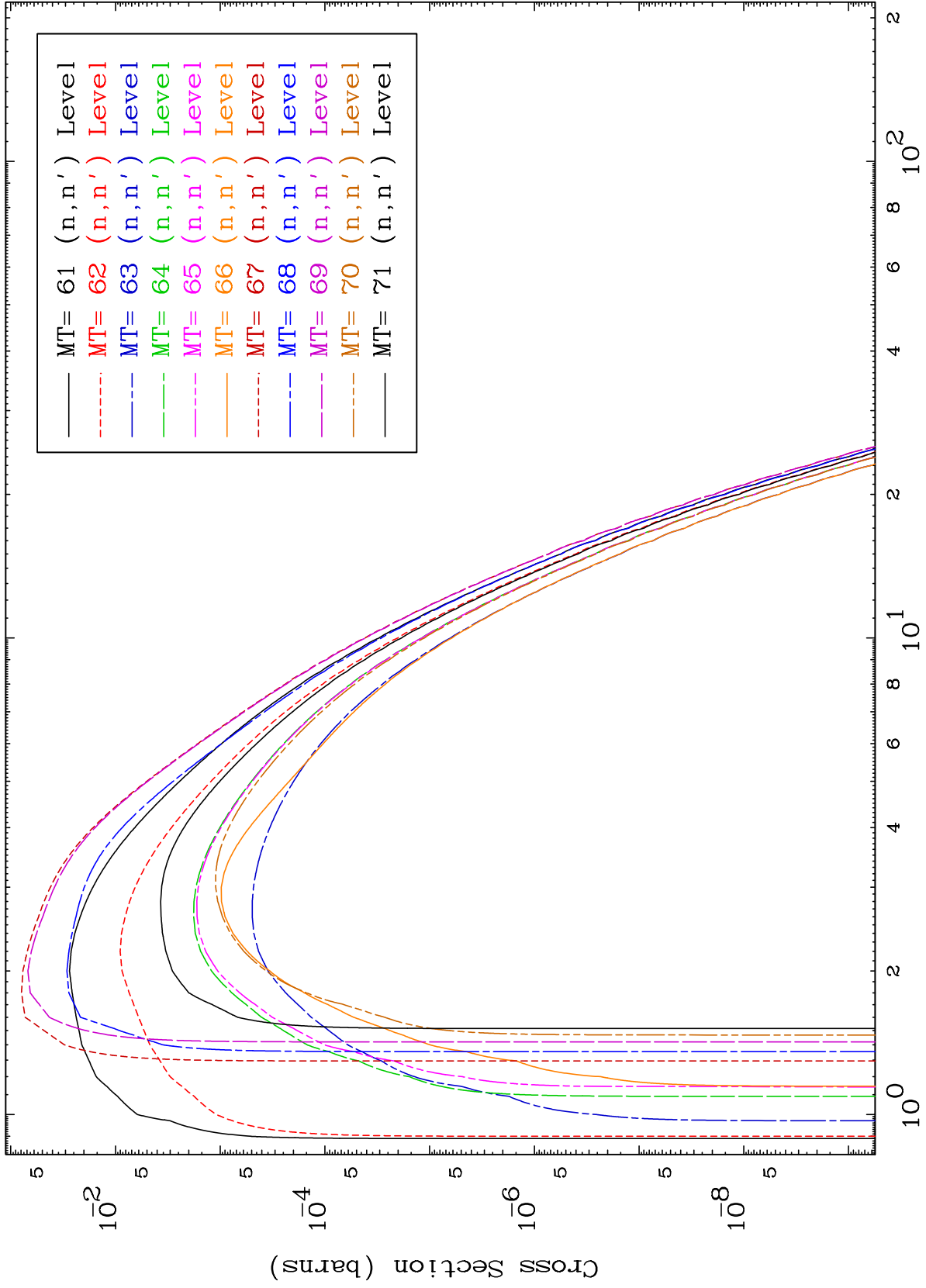


MAT 3929

(n,n') Level

39-Y -90

293 Kelvin Cross Sections



Incident Energy (MeV)

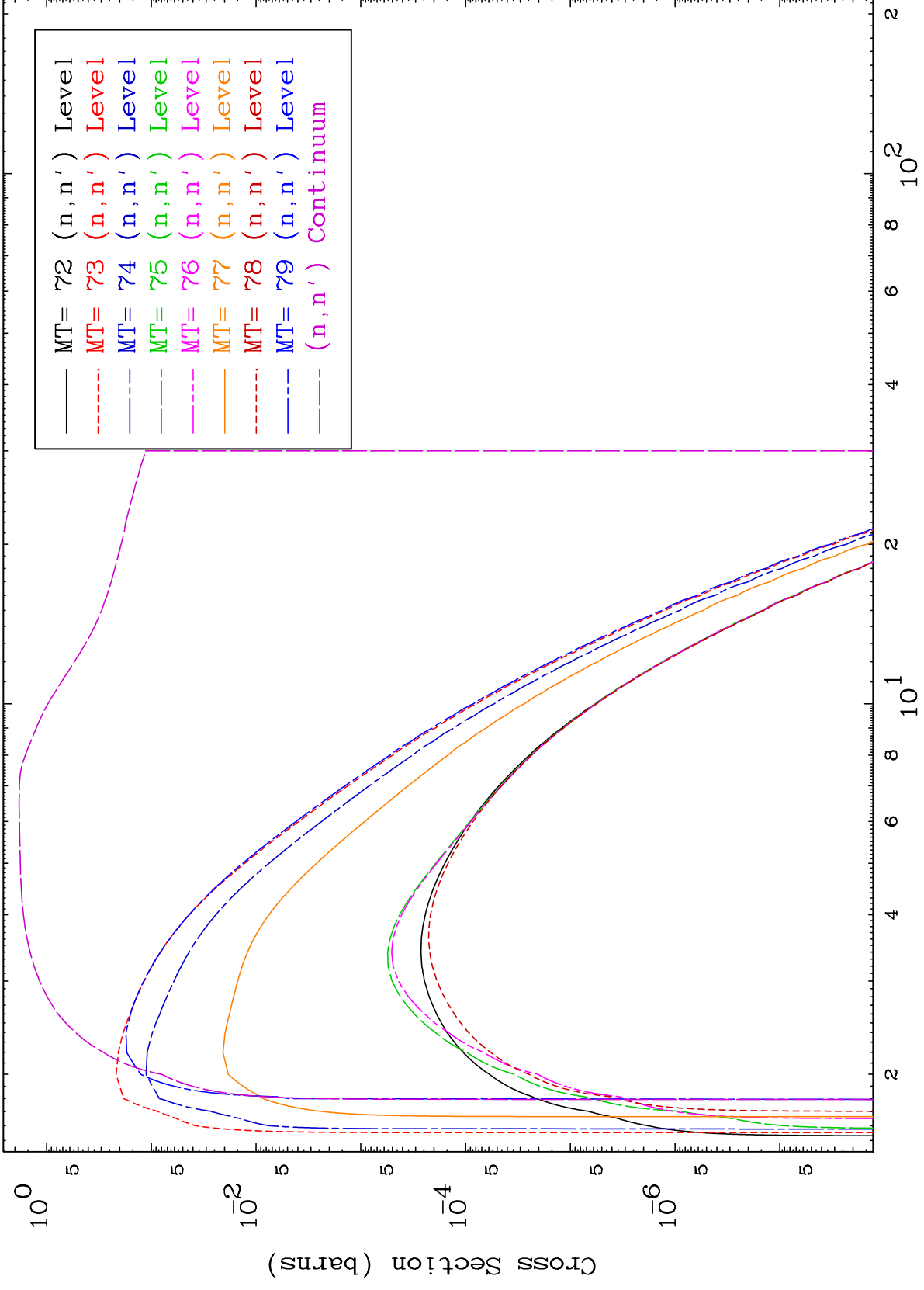
39-Y -90

MAT 3929

(n,n') Level

39-Y -90

293 Kelvin Cross Sections



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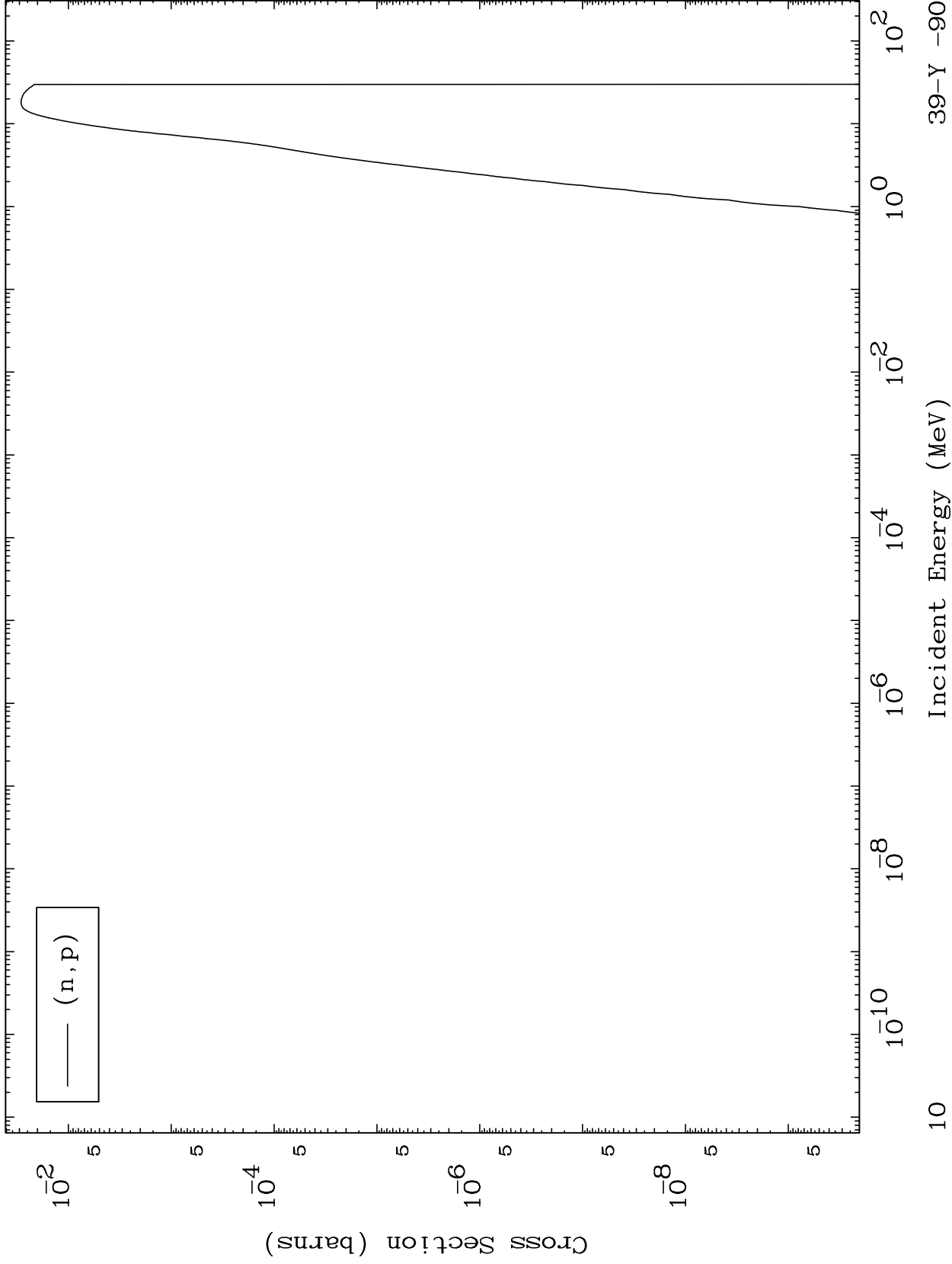
Incident Energy (MeV)

39-Y -90

MAT 3929

(n,p) Levels  
293 Kelvin Cross Sections

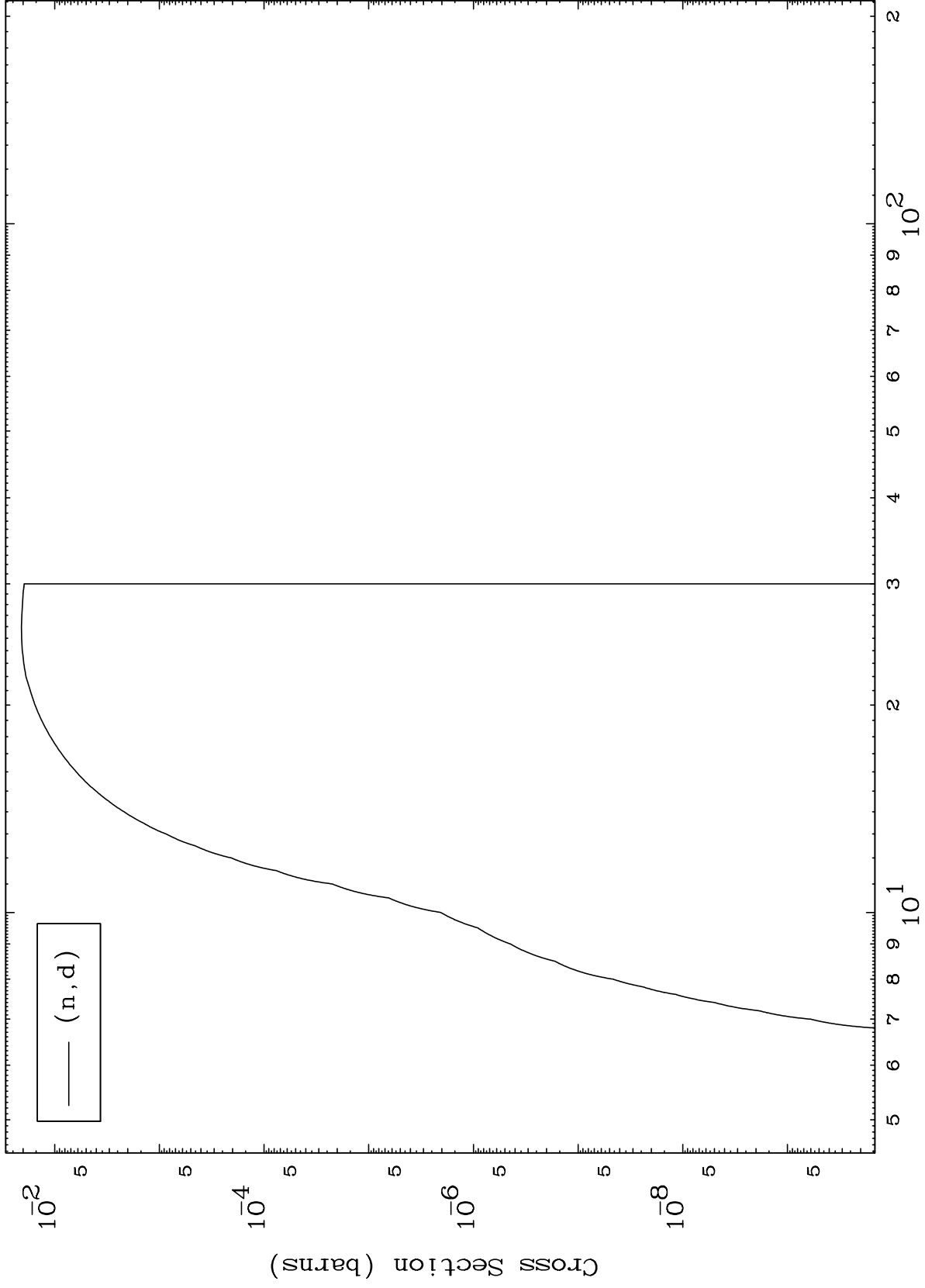
39-Y -90



MAT 3929

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -90



11

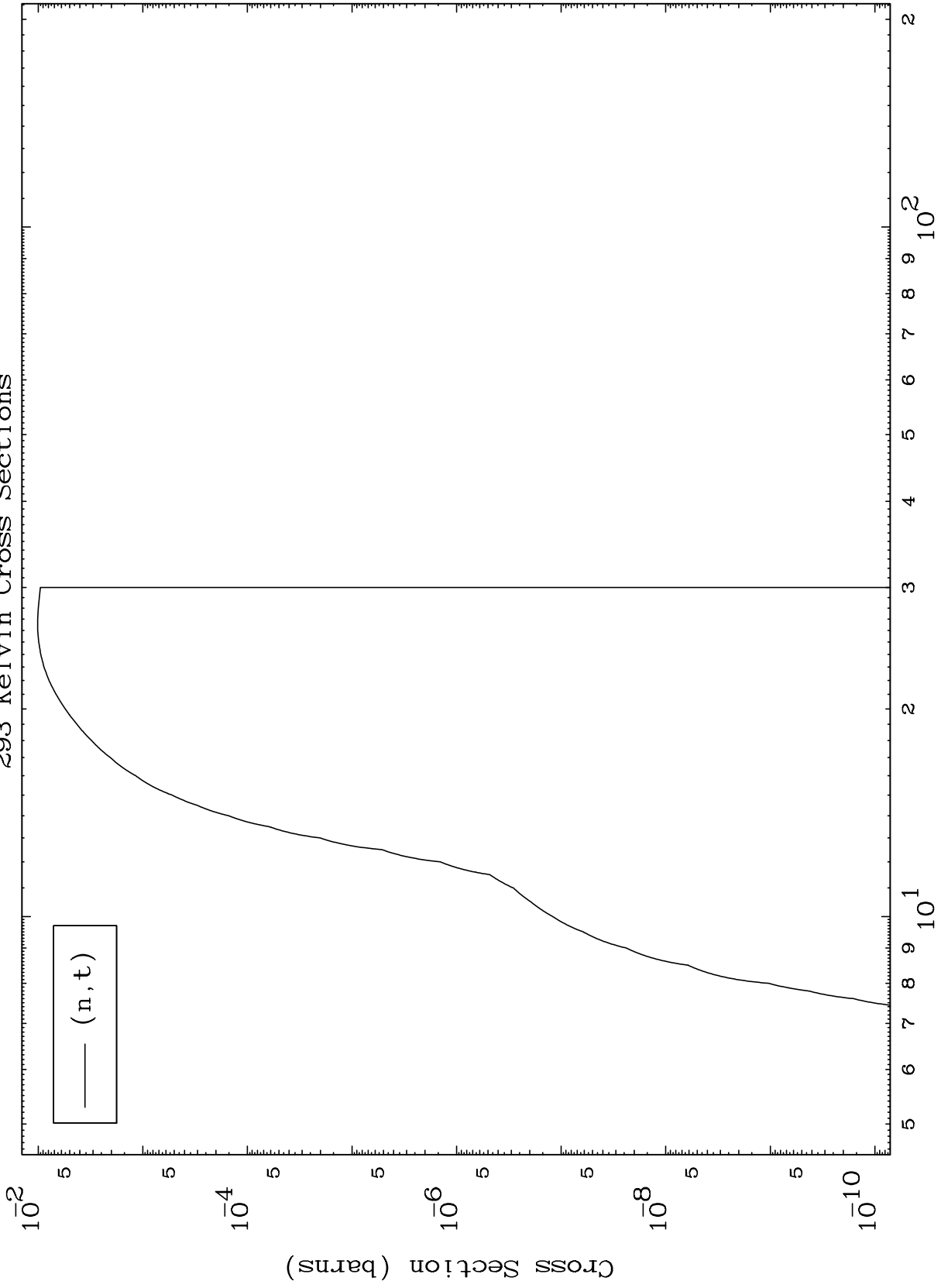
Incident Energy (MeV)

39-Y -90

MAT 3929

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -90



12

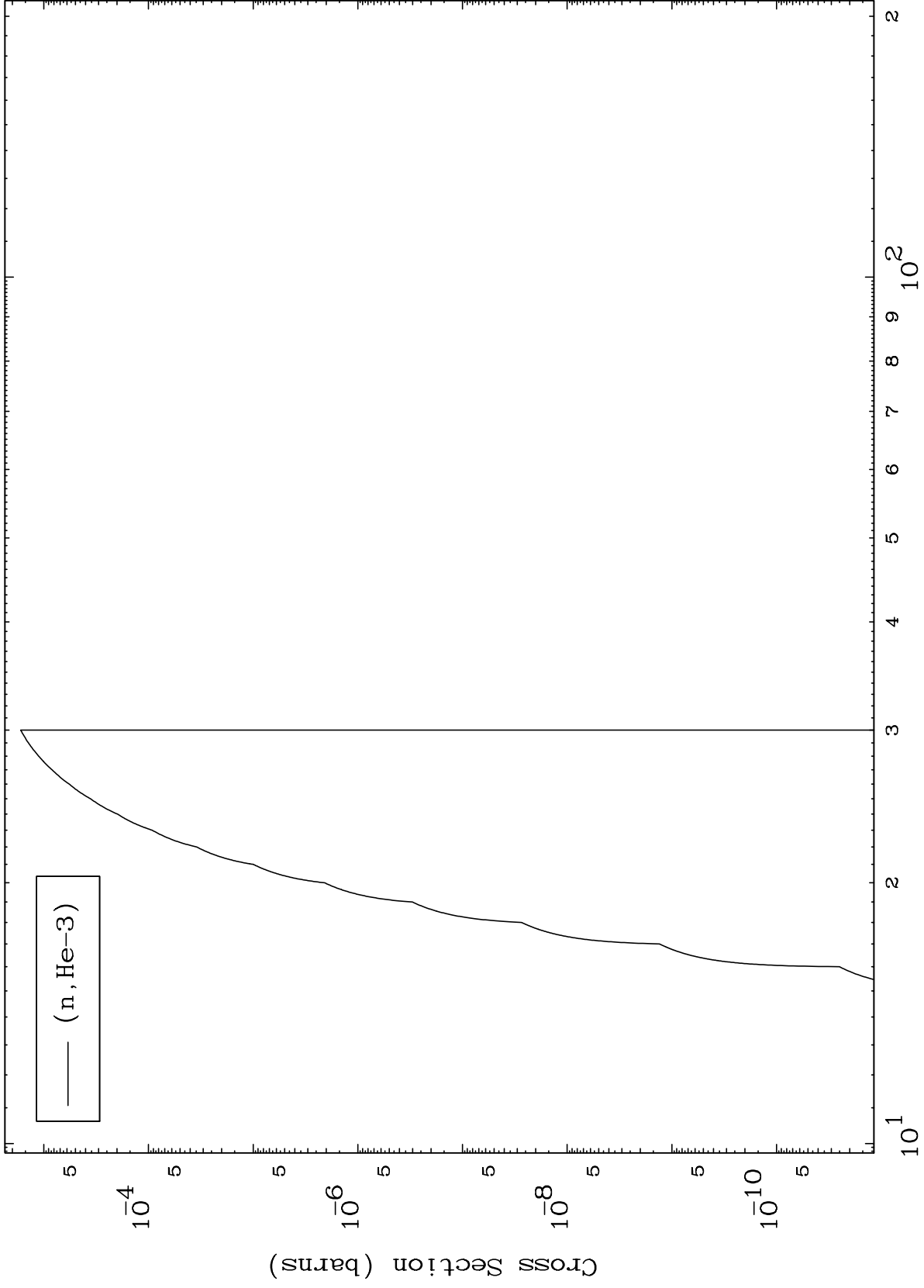
Incident Energy (MeV)

39-Y -90

MAT 3929

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -90



13

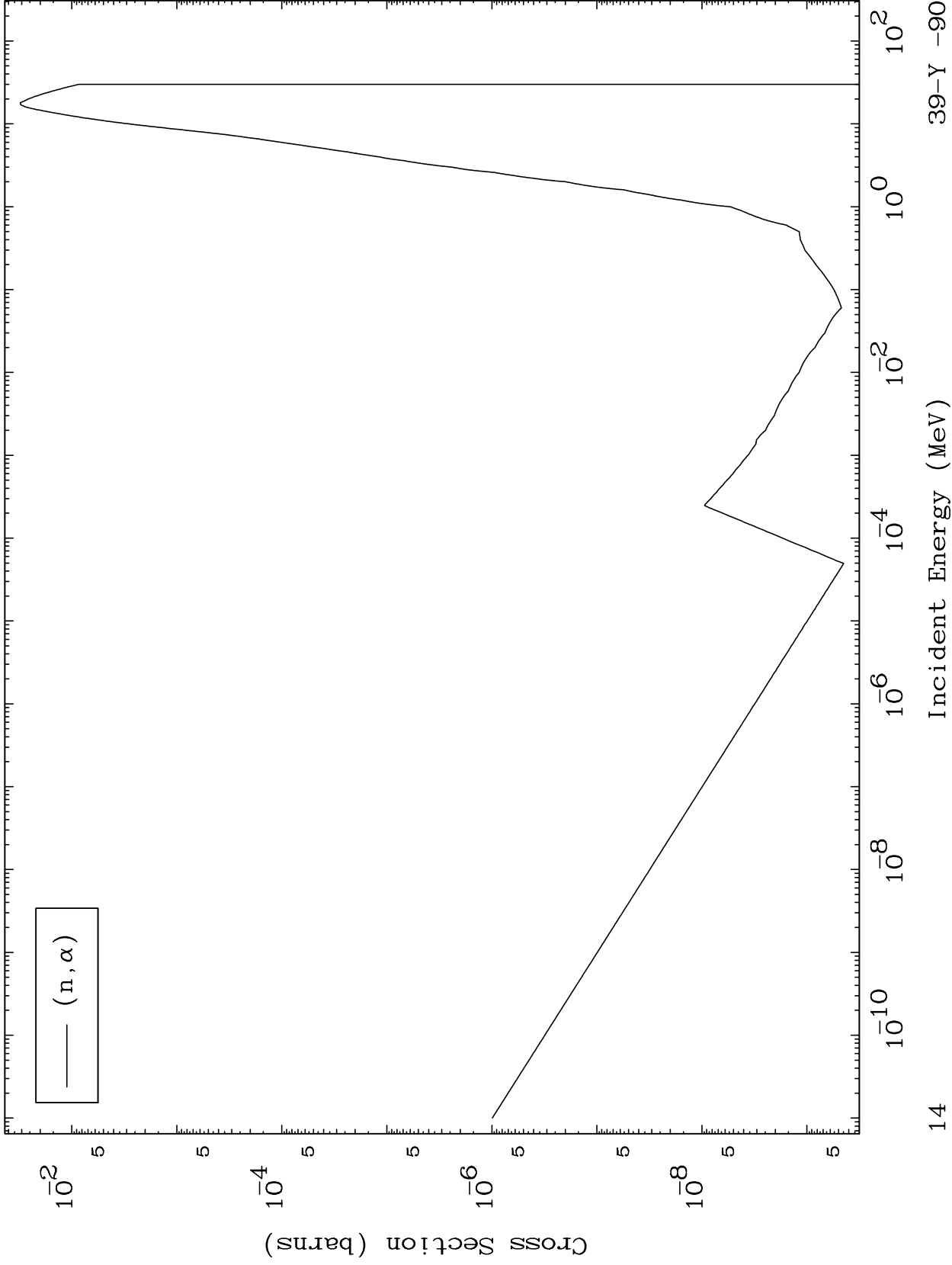
Incident Energy (MeV)

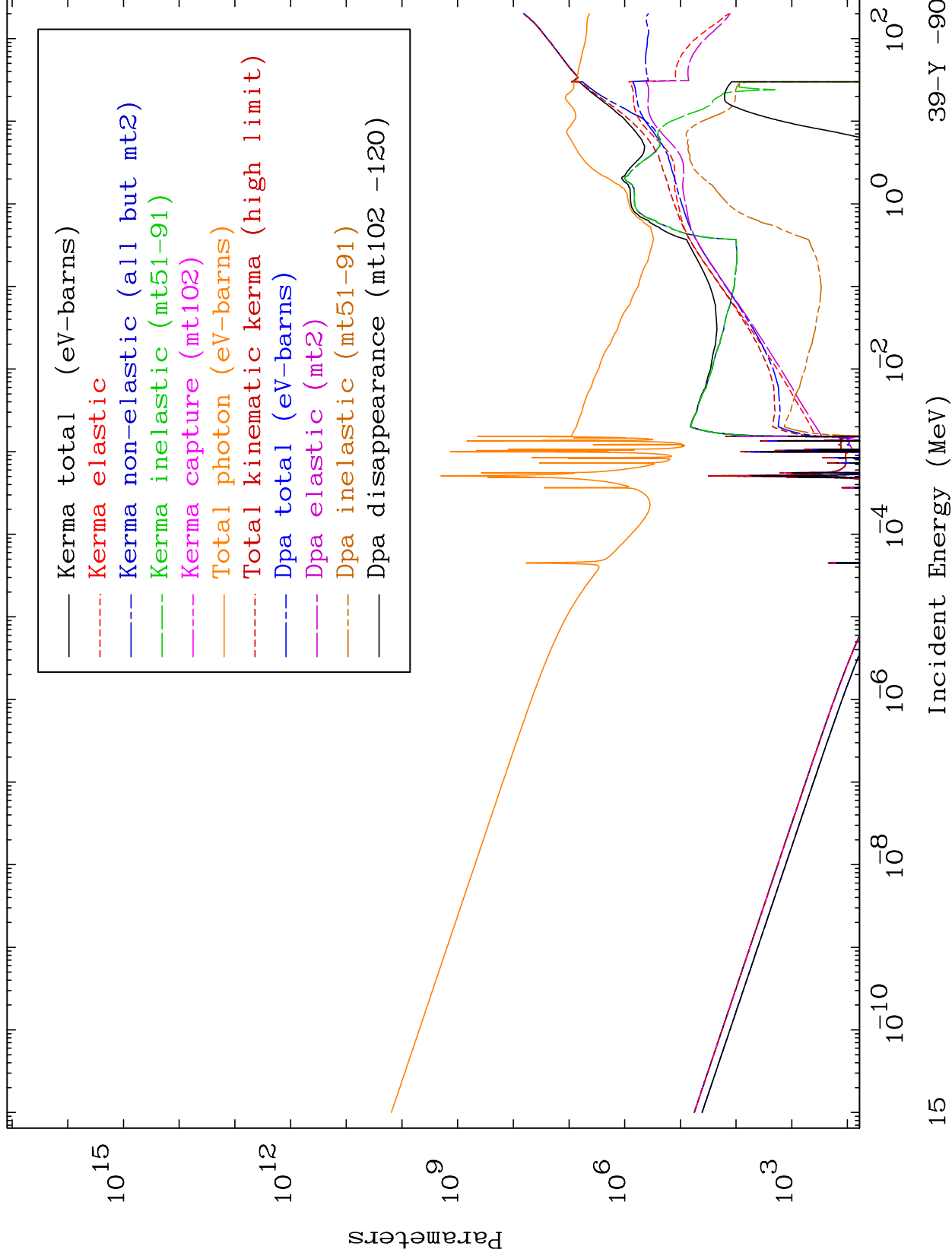
39-Y -90

MAT 3929

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

39-Y -90





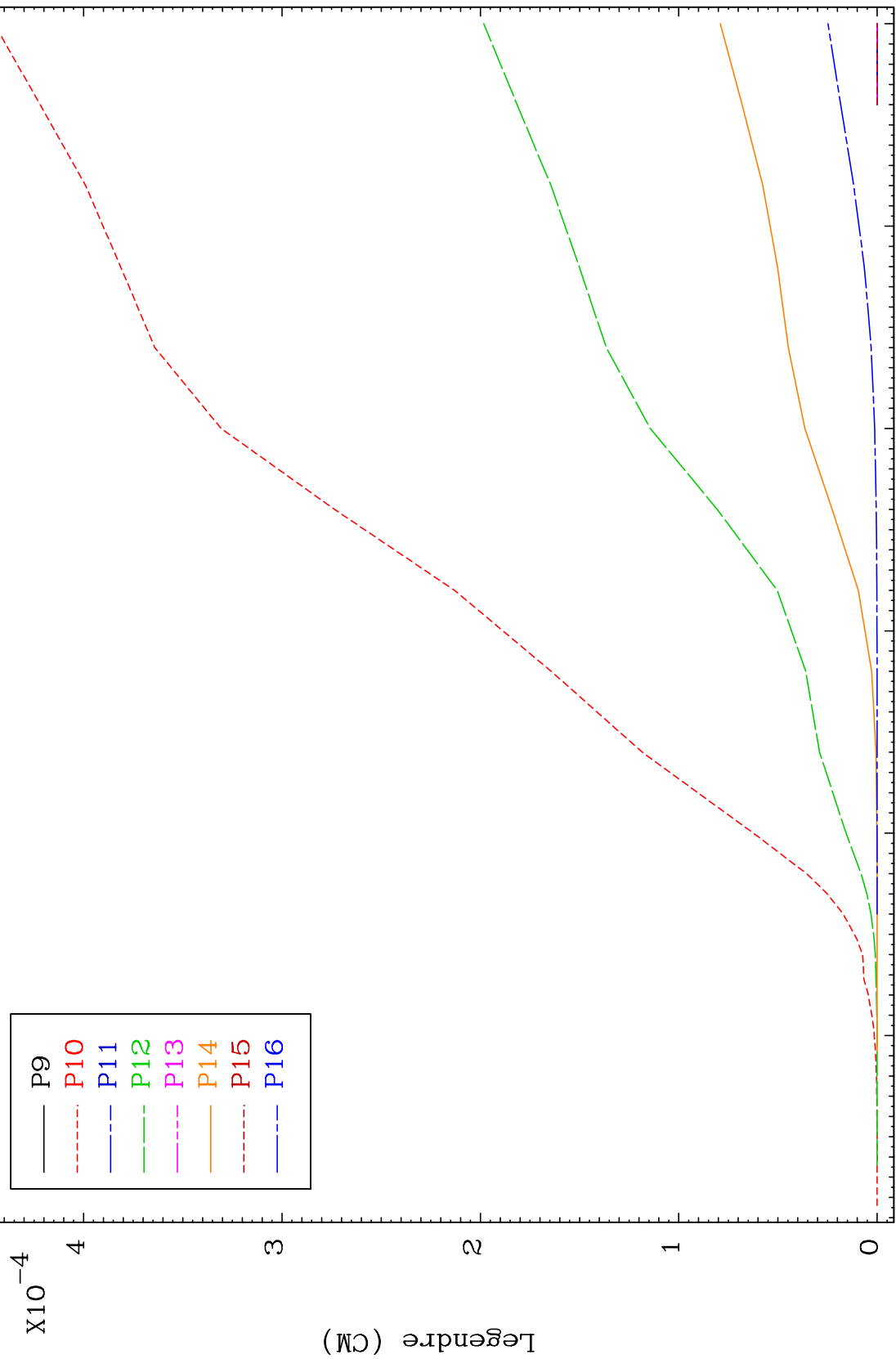
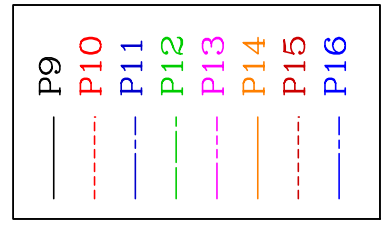




MAT 3929

Elastic Legendre Coefficients

39-Y -90



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Incident Energy (MeV)

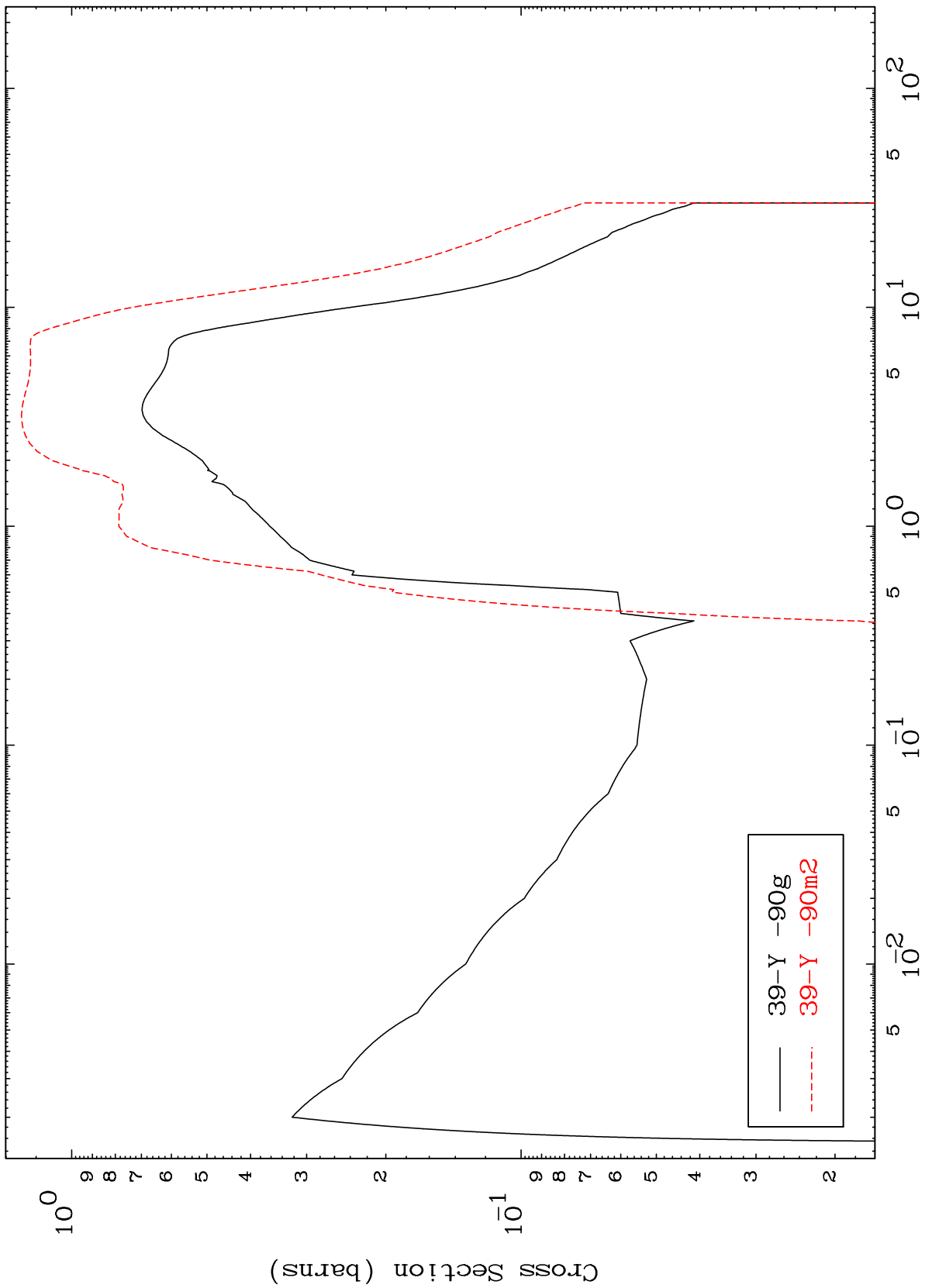
39-Y -90



MAT 3929

39-Y -90

Inelastic  
Radionuclide Production Cross Section



19

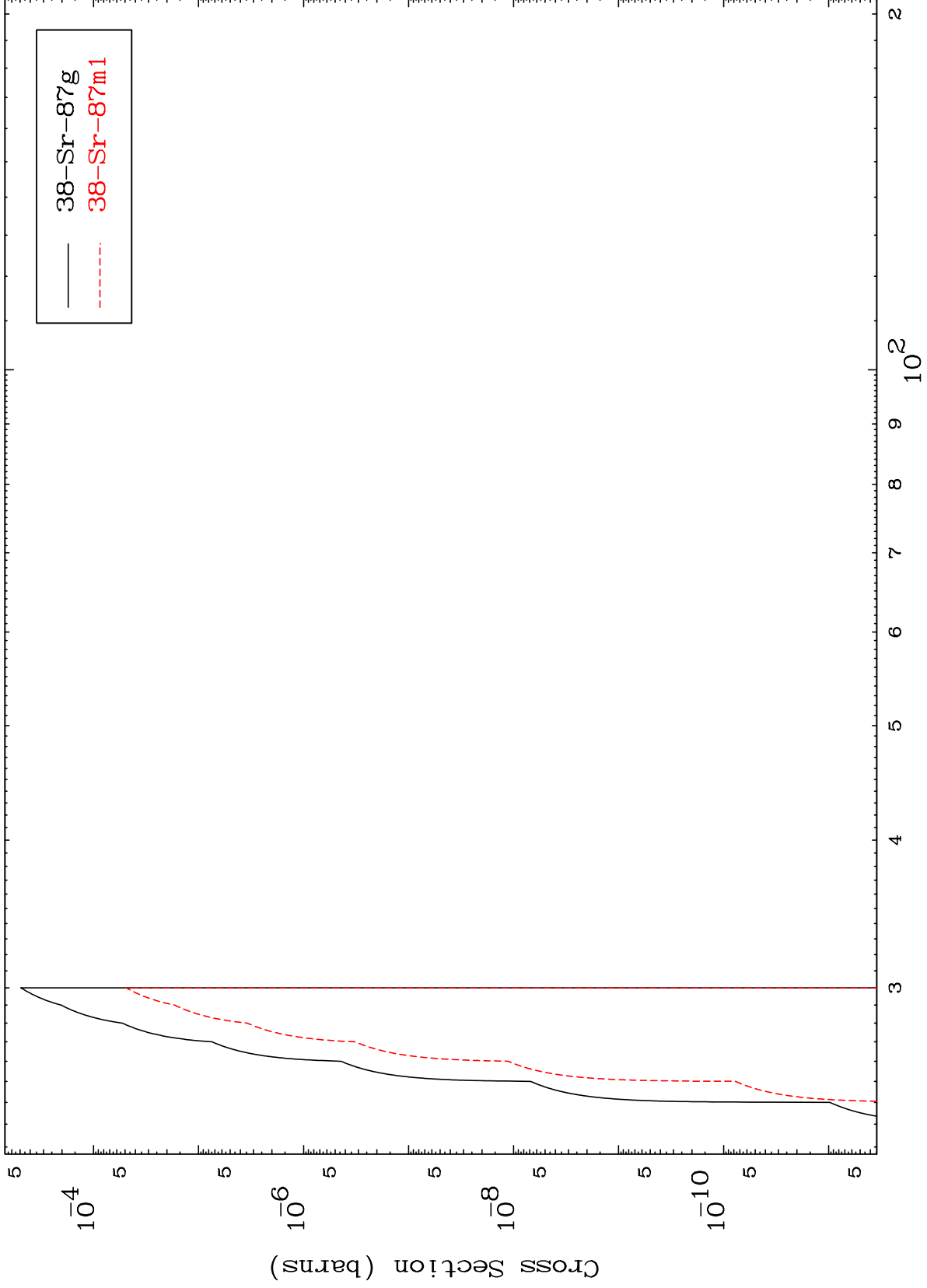
39-Y -90

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(n,2n) d

39-Y -90

Radionuclide Production Cross Section



20

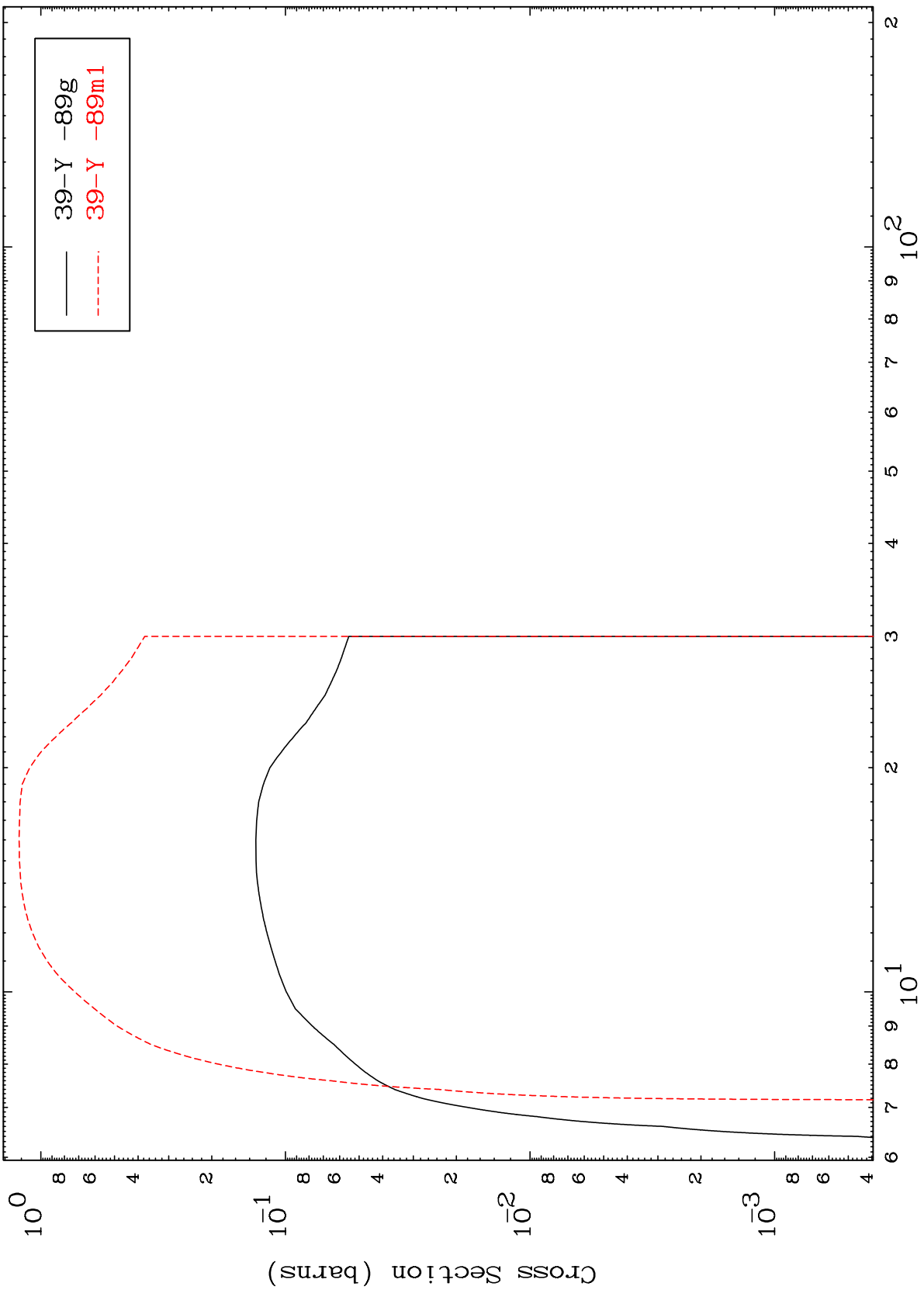
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

(n,2n)  
Radionuclide Production Cross Section



21

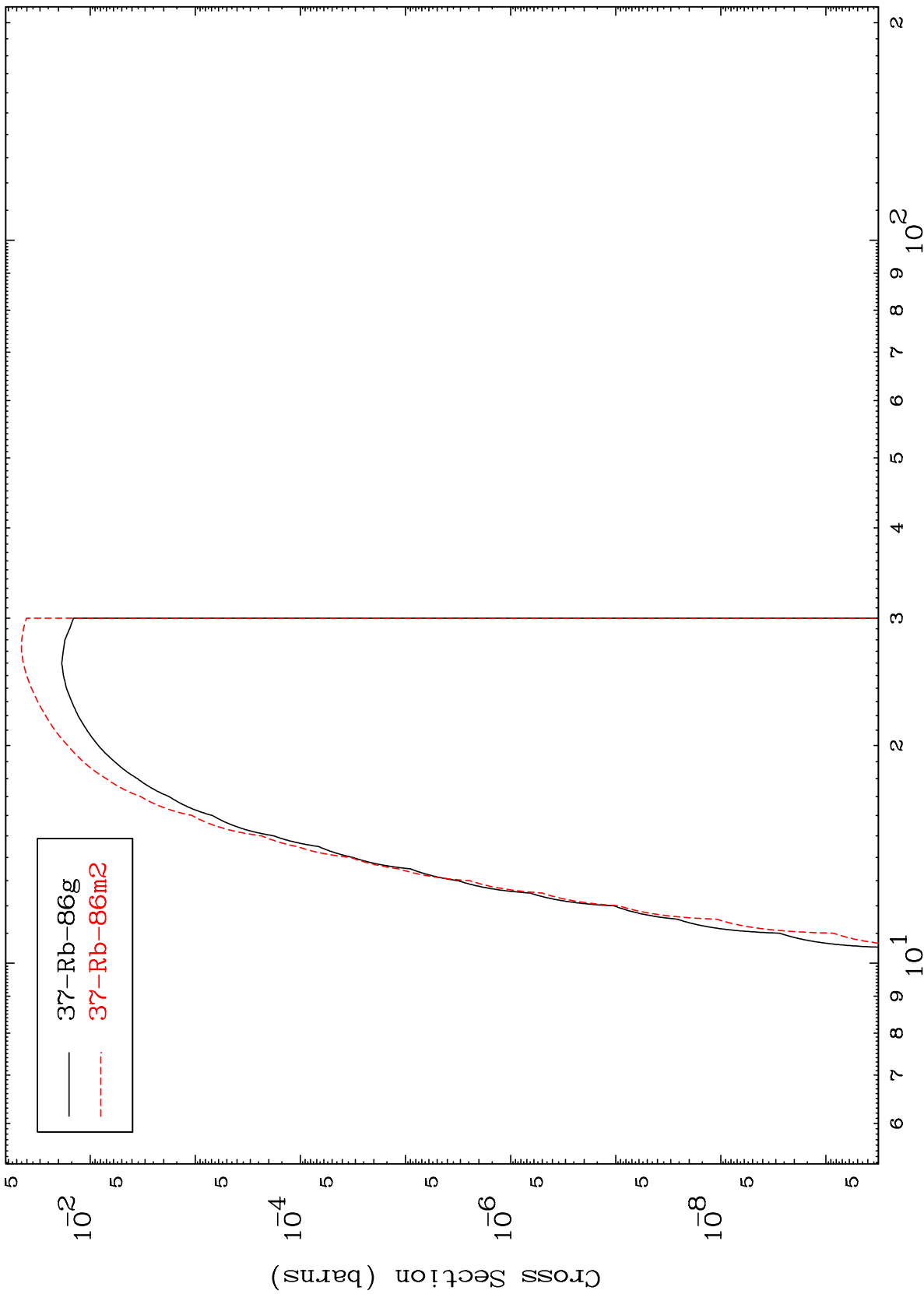
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

$(n, n') \alpha$   
Radionuclide Production Cross Section



22

Incident Energy (MeV)

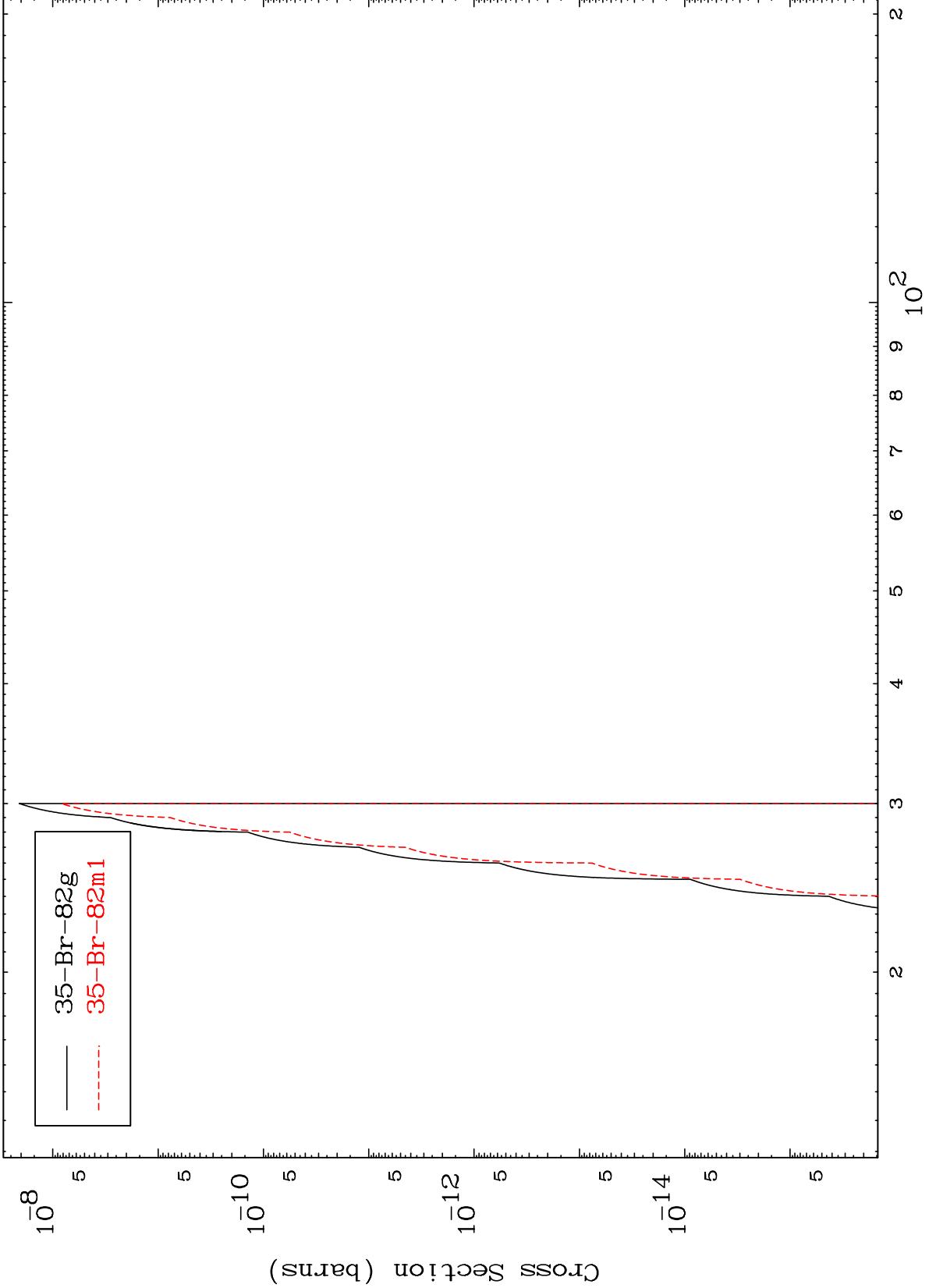
39-Y -90

MAT 3929

(n,n') 2α

39-Y -90

Radionuclide Production Cross Section



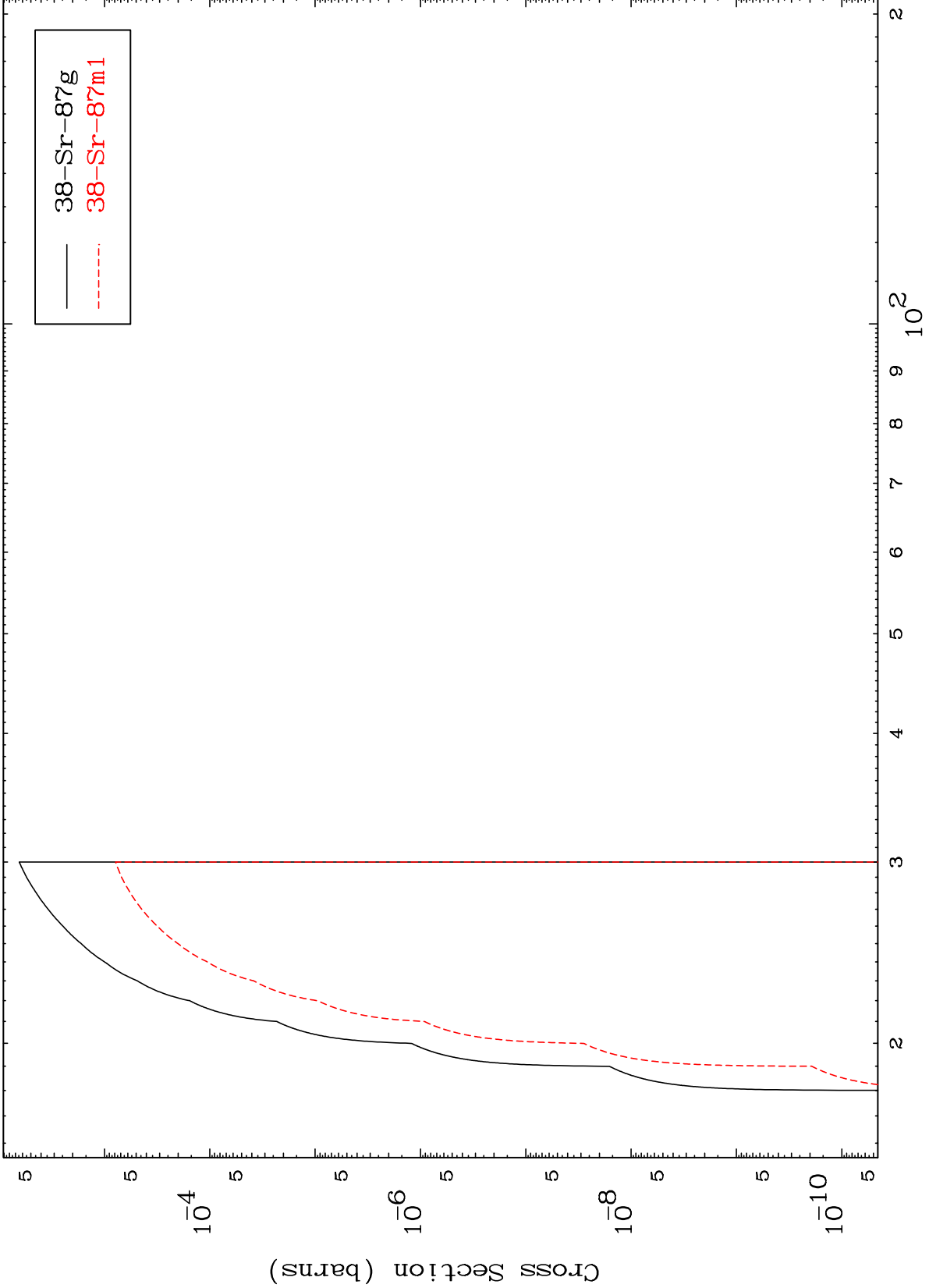
23

Incident Energy (MeV)

39-Y -90



Radionuclide Production Cross Section

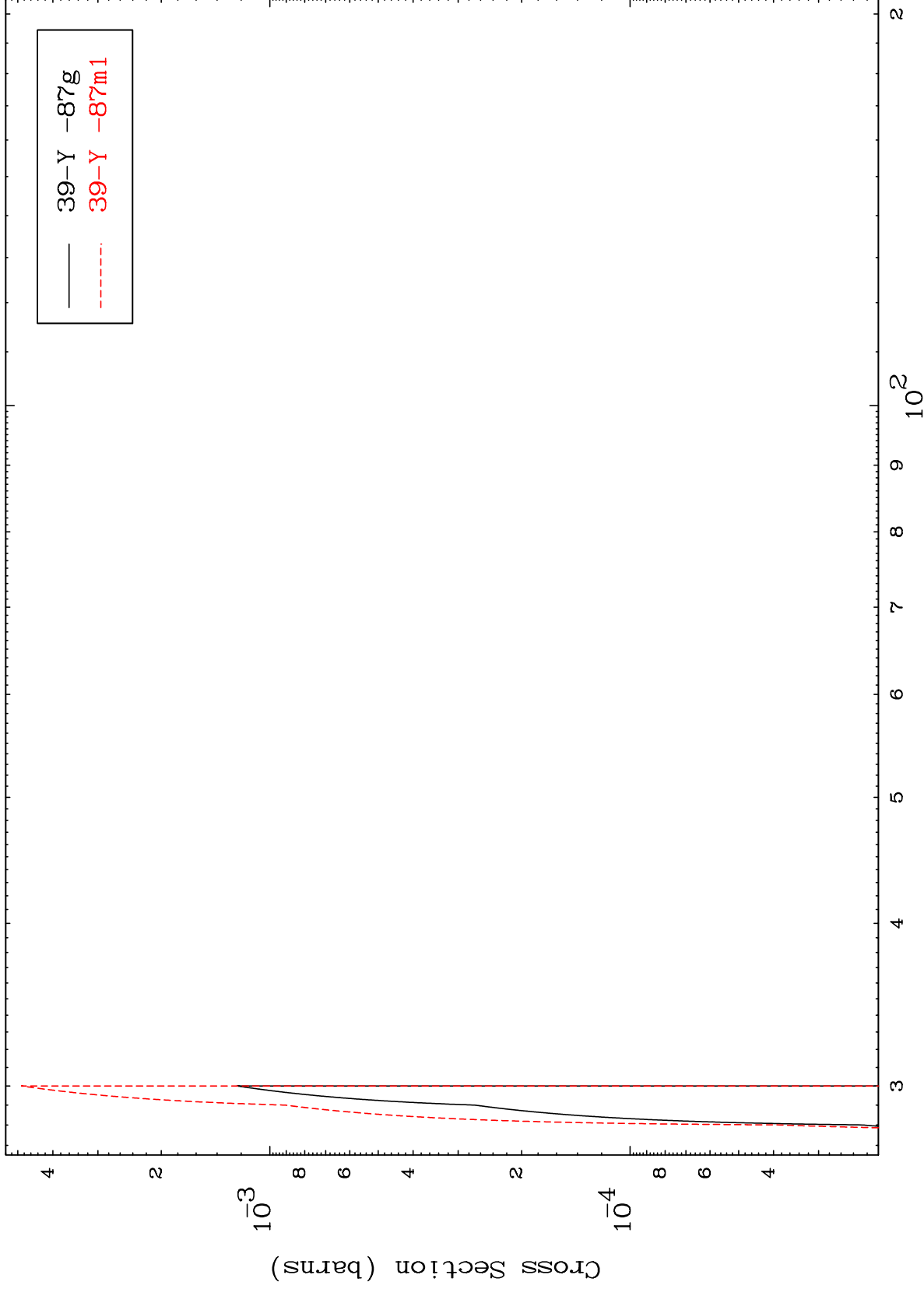


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(n,4n)

39-Y -90

Radionuclide Production Cross Section

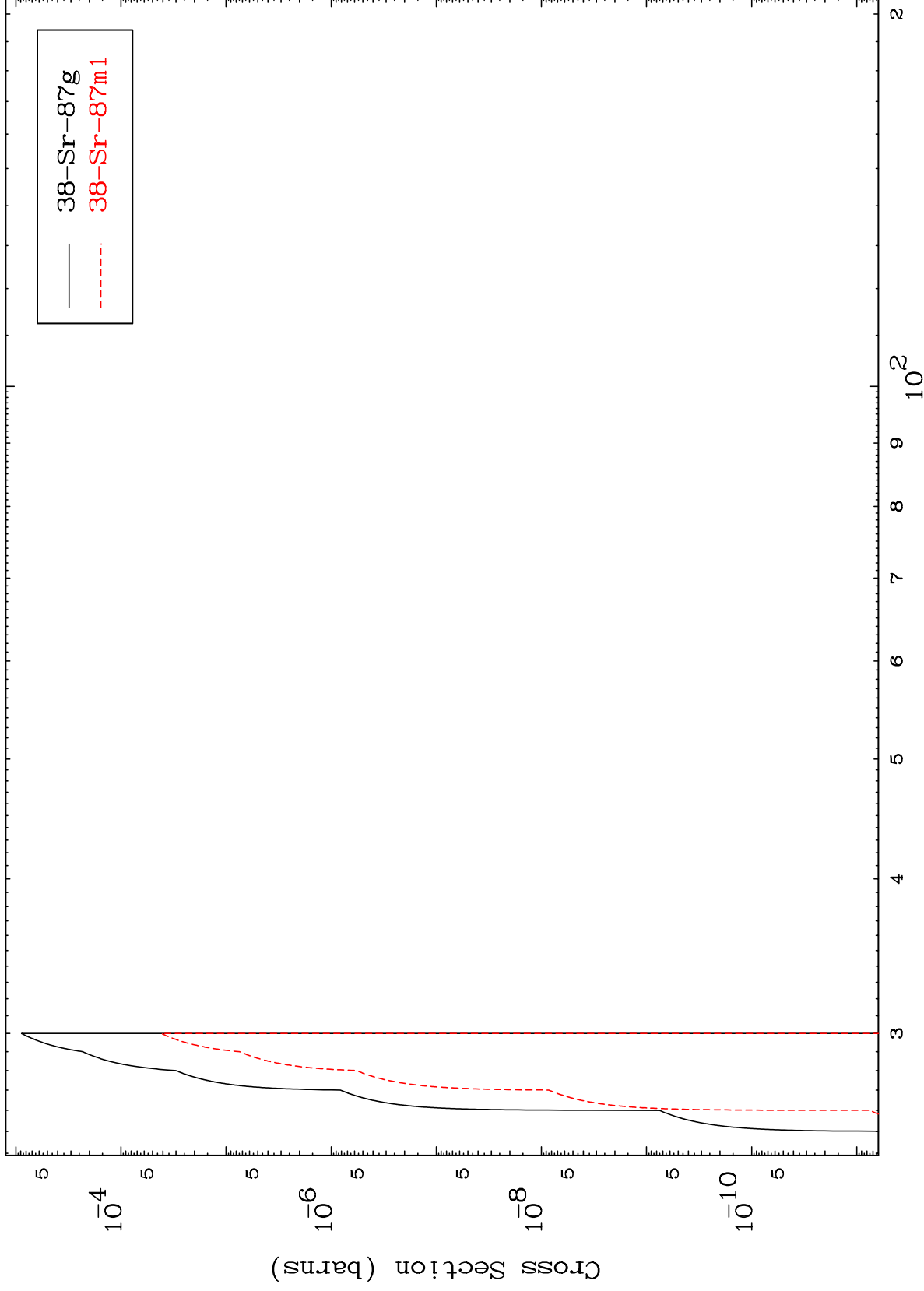


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Incident Energy (MeV)

39-Y -90

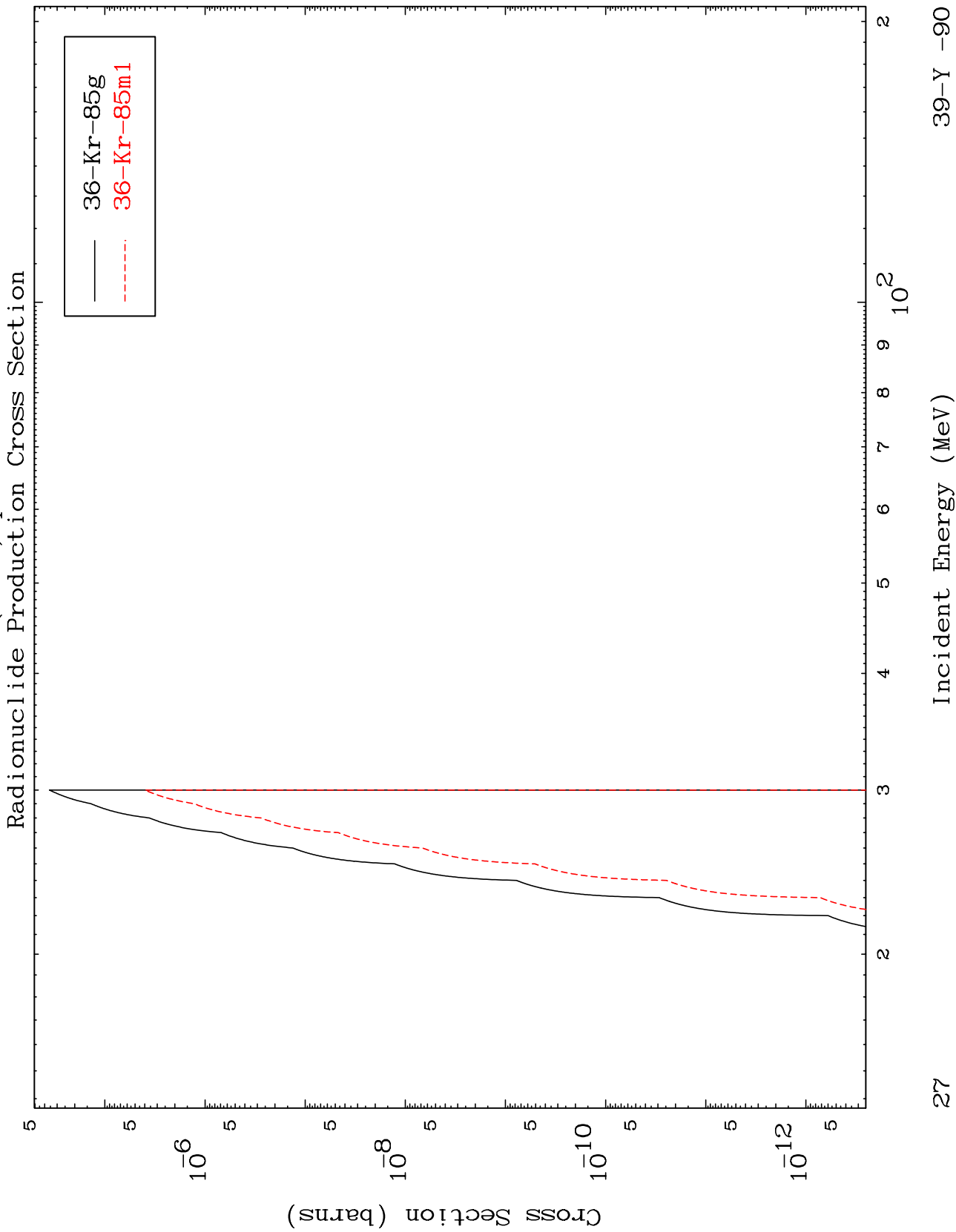
Radionuclide Production Cross Section



MAT 3929

(n,n') p  $\alpha$

39-Y -90

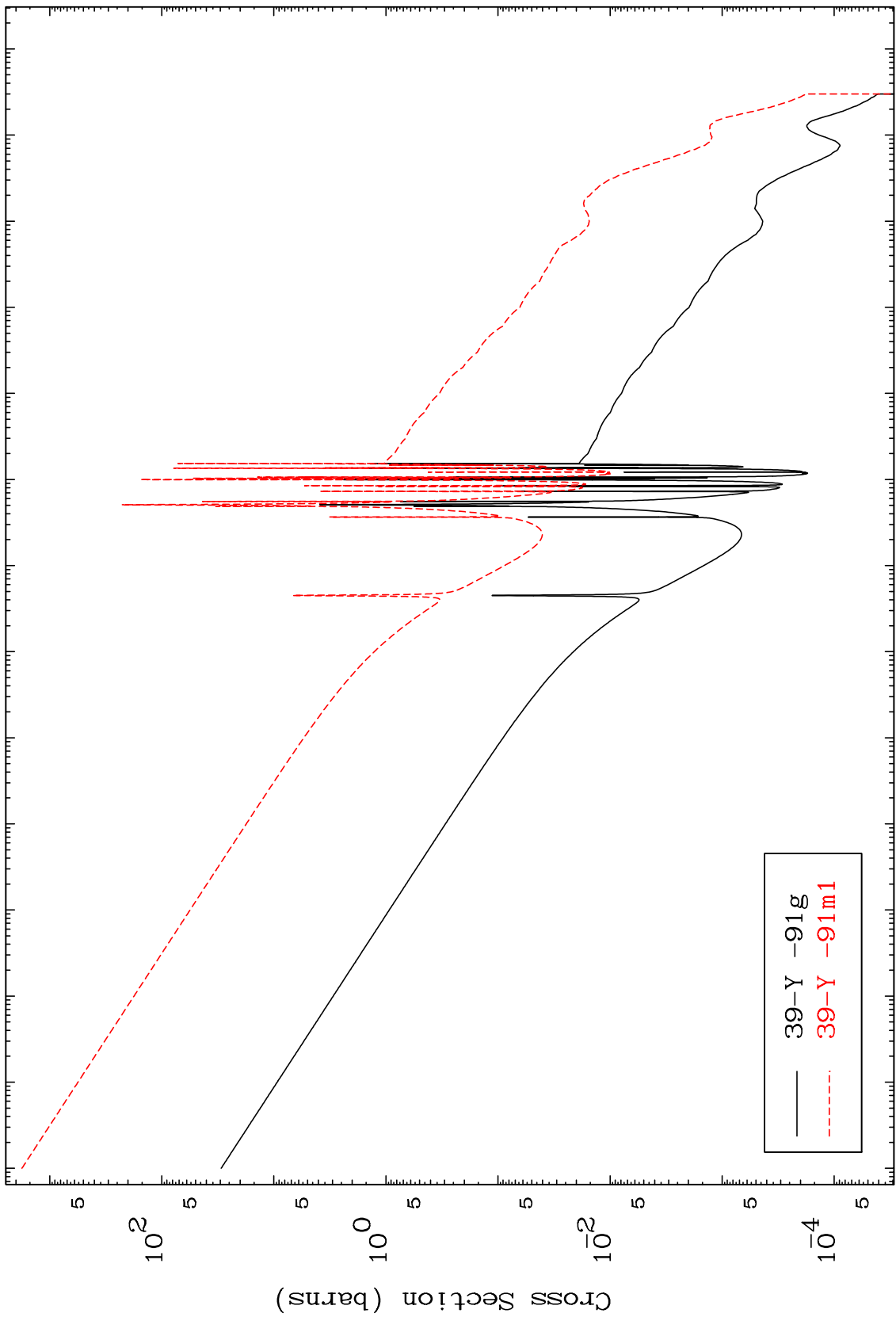


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39-Y -90

Radionuclide Production Cross Section

(n,γ)



10<sup>2</sup> 10<sup>0</sup> 10<sup>-2</sup> 10<sup>-4</sup> 10<sup>-6</sup> 10<sup>-8</sup> 10<sup>-10</sup>

Incident Energy (MeV)

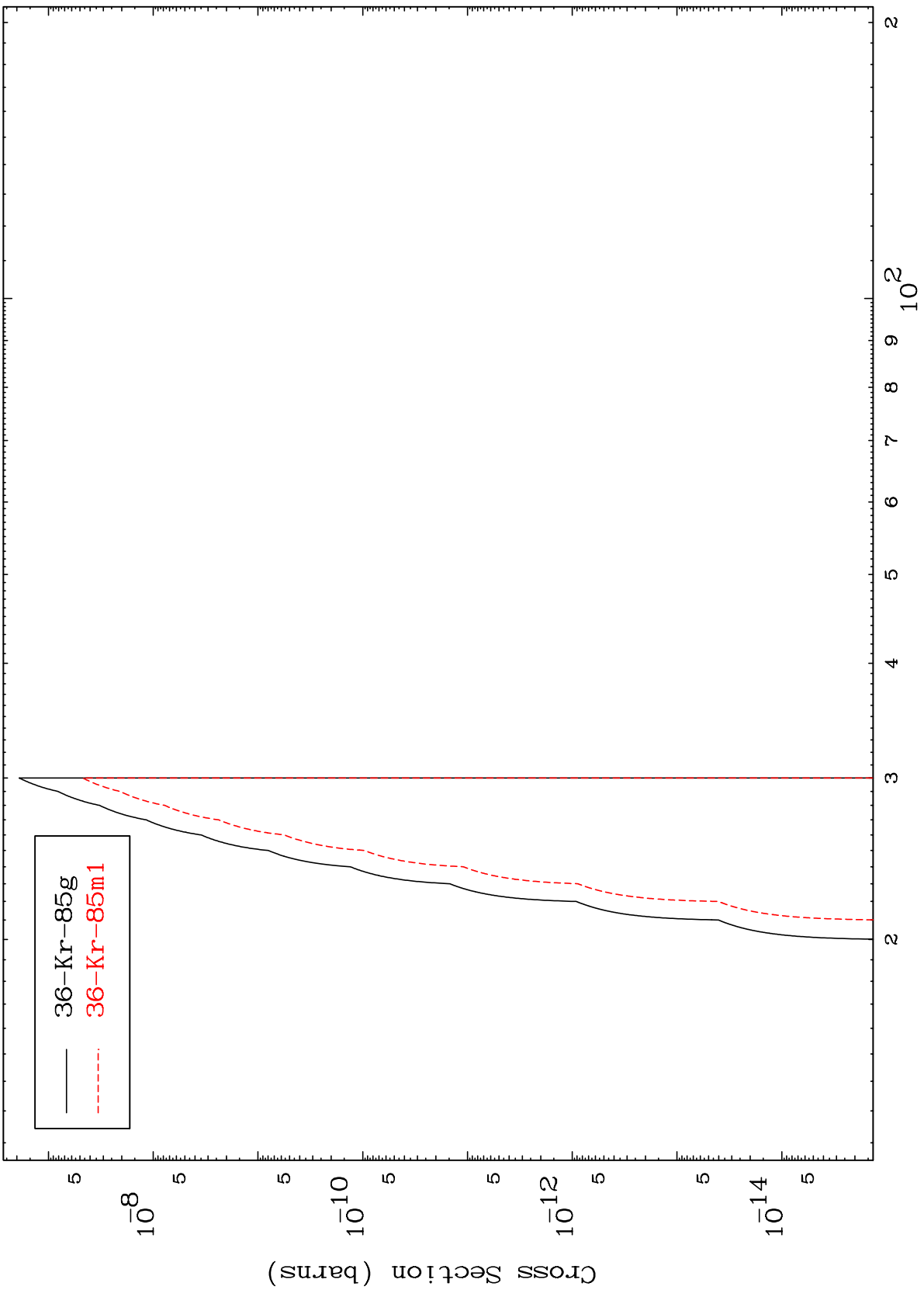
39-Y -90

MAT 3929

(n,d)  $\alpha$

39-Y -90

Radionuclide Production Cross Section



— 36-Kr-85g  
- - - 36-Kr-85m1

29

Incident Energy (MeV)

39-Y -90